Memorandum

Date: December 8, 2014
To: Timothy Stapleton, LA County DRP

From: Luis Perez, MRS
Phone: 805.289.3923

Subject: Baldwin Hills CSD Settlement Agreement Requirements
2014 Annual Compliance Report

Background
Pursuant to the Settlement Agreement, Section 29, dated July 15, 2011, regarding the County approval of the Baldwin Hills CSD and associated Environmental Impact Report, the County is required to schedule a public discussion at the CAP concerning the status of the compliance with the Settlement Agreement on an annual basis. The first such discussion was completed with a compliance handout at the July 26, 2012 CAP meeting and follow-up discussion at the September 27, 2012 CAP meeting. In early 2013 the County initiated the CSD Periodic Review process, pursuant to CSD Provision G.7, with subject discussion beginning with the April 2013 CAP meeting. Compliance discussion, including the requirements of the Settlement Agreement, continued as an agenda item during the remaining 2013 CAP meetings. The Draft Periodic Review was released to the public in February 2014. As such, a separate presentation and public discussion on the compliance status of the Settlement Agreement was deemed unnecessary in 2013 since it had been discussed as part of the periodic review discussions.

The following summary may serve as the basis for the 2014 discussion on the terms of the Settlement Agreement and documents the current status and/or implementation status. MRS finds that FM O&G has complied with the applicable Settlement Agreement terms at this time. MRS will continue to assist the County with enforcement of all applicable provisions of the Settlement Agreement and the CSD.

Status of Compliance with Settlement Agreement Terms
(Numbers correlate to the numbered paragraphs in the Settlement Agreement)

1. *Slant Drilling*
   The 2014 Annual Drilling Plan was approved by the County in October 2013. FM O&G submitted an amendment to the plan requesting to move the bottom hole location of Well LAI1 4453 120 feet to the north-west and rename the well accordingly (LAI1-VIC1 4453). The amendment was not subject to the requirements of Section 1.d, *Supplement Review*, because the well was located in the Vickers-Ringe formation and as such is classified as a shallow well; the supplement review requirements of the Settlement Agreement address mid-zone and deep wells. The drilling plan amendment was approved in early 2014. The Annual Drilling Plan

and subsequent amendment approvals document compliance with Settlement Agreement Sections 1.a through 1.d.

Sections 1.e, 1.f, and 1.g, provide guidance on definitions, environmental consideration, and non-interference, respectively, in support of the other requirements of Section 1 of the Settlement Agreement.

2. *Noise*
   Noise monitoring to date has not identified any violations associated with oil field operations above the baseline levels of the noise limits set forth in the Settlement Agreement. However, noise levels above the maximum criteria have been documented during drilling, redrilling, or well reworking activities. The data associated with these peak noise readings were investigated and analyzed by the County noise expert. Results of the analysis determined the cause to be emergency vehicles, motorcycles, airplanes, and portable equipment used for landscaping thus confirming compliance with the noise requirements of the Settlement Agreement.

3. *Number of Drill Rigs*
   The Settlement Agreement allows for the use of two drill rigs at any one time. FM O&G used a single drill rig during 2014 (Rig Ensign 516), the drill rig was removed from the oil field in June after drilling 18 wells.

4. *Number of Wells*
   The limit of no more than 500 new wells stipulated in Settlement Agreement Section 4.a. has not been reached to date. After reaching the 50th new or redrilled well milestone in September 2011, FM O&G applied for and received approval by the Director in December 2011 to drill or redrill up to 35 wells per calendar year excluding any bonus wells. This approval is consistent with Section 4.b of the Settlement Agreement. To date for the calendar year 2014, FM O&G has drilled 18 new wells, removed the drill rig from the oil field in June, and is therefore in compliance with the Settlement Agreement.

5. *Health Assessment and Environmental Justice Study*
   The Department of Public Health completed this study in May 2012 ahead of the Settlement Agreement deadline of June 2012. The study was made available to the public on the DRP website and was presented to the CAP on July 26, 2012.

6. *Clean Technology Assessment*
   FM O&G addresses this requirement with the submittal of the Annual Drilling Plan as required under CSD Provision E.26.f. Section 10 of the 2014 Annual Drilling Plan, approved in October 2013, provides a discussion on the latest equipment and technology that can reduce the environmental impacts of drilling activities. The discussion includes an applicability overview of electric rigs, coil tubing rigs, diesel-electric rigs, and natural gas-electric rigs along with the potential feasibility of their use at the Inglewood Oil Field.

7. *Electrical Distribution Study*
   The Settlement Agreement required the County to facilitate an Electrical Distribution Study to review opportunities to streamline and consolidate electrical

lines at the Inglewood Oil Field. The study was to be funded jointly by Southern California Edison (SCE), LA Department of Water and Power (DWP), PXP (operator at the time), and the County. Both SCE and DWP declined to participate with respect to funding the study and the County is exploring other funding options.

8. *Air Quality Monitoring*
   The Settlement Agreement required a supplemental air quality monitoring study to address stakeholder concerns on potential acute and chronic exposure to air contaminants from the Inglewood Oil Field. Sonoma Technology Inc. was selected by the County to perform the study which commenced June 2012 consistent with the Settlement Agreement deadline of July 15, 2012. The Draft Final Baldwin Hills Air Quality Study Report was completed in April 2014 and submitted to the County and SCAQMD for review. The report is currently being revised per agency comment, and to include updates from the recently release SCAQMD Draft Multiple Air Toxic Exposure IV Study (MATES IV).

   The Draft MATES IV is a monitoring and evaluation study conducted in the South Coast Air Basin; the study included a monitoring program, an updated emissions inventory of toxic air contaminants, and a modeling effort to characterize risk across the Basin. The study focuses on the carcinogenic risk from exposure to air toxics.

   The Baldwin Hills Air Quality Study Report is expected to be finalized and released in early 2015.

9. *Back-Up Flare*
   Installation of the new gas plant back-up flare was completed in 2012. The old gas plant flare remains and is maintained as a back up equipment as allowed for by CSD Provision L.5.b and the Settlement Agreement. FM O&G has complied with the requirement that only one flare be in operation at one time at the oil field, no flaring has occurred to date in 2014.

10. *Well Plugs*
    The Settlement Agreement requires that for all wells that are abandoned subsequent to the Settlement Agreement, a 150 foot cement surface plug shall be used rather than the 25 foot cement plug required by DOGGR. FM O&G complies with the 150 foot cement plug requirement for abandoned wells as verified by DOGGR via well abandonment plan approvals and inspections.

11. *Landscaping*
    The landscaping plan for the Inglewood Oil Field was phased in 7 components, Phases 1 and 2 have been completed. The plans for Phases 3, 4, and 5 have been approved by the County with installation of Phase 5 ongoing and currently nearing completion. Installation of Phase 3 and 4 have not begun.

    The plans for Phase 6 and 7 have been prepared in draft form and are posted on the Inglewood Oil Field web site. The Settlement Agreement requires that all landscaping be completed within three years of approval by the County of the final phase plan, therefore, since submittal and approval of Phases 6 and 7 has not been completed, this requirement has not been triggered to date. It should be noted that CSD Provision E.10, *Landscaping, Visual Screening, Irrigation, and Maintenance*,

requires that the landscaping be completed over a two to five year time frame. As such, the review of the CSD under Provision G.7, *Periodic Review*, recommends that FM O&G schedule installation of Phases 3 and 4 and submit plans to the County for Phases 6 and 7 to facilitate completion of the landscaping requirements.

12. *Clean-up Plan*
    PXP, operator at the time, submitted an unused or abandoned equipment removal plan in 2009 which was subsequently approved and implemented. The *Unused or Abandoned Equipment Removal Plan Inglewood Oil Field* detailed the 64 pieces of equipment that were removed in 2008 and 2009. The plan was updated in 2012 with the updated plan document listing the removal of four tanks from the oil field.

13. *Fracking Study*
    The *Hydraulic Fracturing Study – Inglewood Oil Field* was completed in July 2012 with the final report dated October 10, 2012 consistent with the requirements of the Settlement Agreement. The report is available to the public on the Inglewood Oil Field web site.

14. *CSD Review Based on Reduced Production*
    The intent of this requirement, and the associated CSD Provision E.35, is to assist in the determination of the end of the project life of the oil field; this condition has not been triggered to date.

15. *CSD Provisions*
    The requirements of the CSD and the Settlement Agreement remain in full effect. Pursuant to CSD Provision G.7, *Periodic Review*, the draft compliance review was completed by the County in 2014; the document is currently being finalized and is expected to be available to the public in early 2015. Results of the Periodic Review document the oil field is being operated in compliance with all provisions of the CSD and the Settlement Agreement.

29. *Public Notice*
    The Settlement Agreement is posted on the County Baldwin Hills Community Standards District Webpage. The County will discuss 2014 compliance with the Settlement Agreement at a forthcoming CAP meeting and continue to do so on an annual basis.

30. *Remedies for Breach*
    The County continues to monitor and enforce the terms of the Settlement Agreement and the CSD. As documented in the Periodic Review and this analysis, FM O&G is in compliance with the Settlement Agreement and the CSD at this time.

The following sections of the Settlement Agreement relate to legal and logistical issues and include provisions regarding the interpretation of the Settlement Agreement and are not linked to operational issues at the oil field:

16. *General Releases between Petitioners and County*
17. *General Releases between Petitioners and PXP (FM O&G)*
18. *Settlement of Claims for Attorney's Fees and Costs*
19. *Parties Bound*

20. Integration
21. Non-Assignment of Claims
22. Settlement of Disputed Claims
23. Additional terms
24. Modifications
25. Execution
26. Authority to Execute
27. Covenant Not to Sue
28. Dismissal of Consolidated Cases
31. Governing Law
32. Captions and Headings
33. Survival
34. Good Faith Provision

Los Angeles County
Department of Regional Planning

Planning for the Challenges Ahead

Richard J. Bruckner
Director

July 21, 2014

Laura Vlk
Senior EH&S Specialist
Freeport-McMoRan Oil & Gas
5640 South Fairfax Avenue
Los Angeles, CA 90056

Dear Ms. Vlk:

Baldwin Hills CSD Ordinances; Title 22, Section 22.44.142
Confirmation of Bonus Well Credits Earned
Settlement Agreement and Mutual Release effective July 15, 2011

In response to your request dated July 11, 2014, it is confirmed that the following wells as you described; BC-135, BC-203, BC-234, BC-236, BC-303, Stocker-504, and LAI1-313; satisfy the requirements in the Settlement Agreement and Mutual Release effective July 15, 2011, to qualify for bonus well credits. As such, our records reflect that the total number of bonus wells earned as of June 30, 2013 is 40 (forty) which may be used as provided in the Settlement Agreement.

If you have any questions or require further information, please feel free to contact Timothy Stapleton at (213) 974-6453, Monday through Thursday from 7:00 am to 6:00 pm, or via email at tstapleton@planning.lacounty.gov. Our offices are closed on Fridays.

Sincerely,

Jose DeLaRosa
Acting Section Head
Zoning Enforcement West

c: Baldwin Hills Community Advisory Panel (et al.), LDCC, MRS

FREEPORT-MCMORAN OIL & GAS

Freeport-McMoRan Oil & Gas
5640 South Fairfax Avenue
Los Angeles, CA 90056

Telephone: 323.298.2200

July 11, 2014

Mr. Timothy Stapleton
Los Angeles County, Zoning Enforcement
Department of Regional Planning
320 W. Temple St., Room 1360
Los Angeles, CA 90012

VIA ELECTRONIC MAIL and FEDERAL EXPRESS

RE: Baldwin Hills CSD Ordinance 2008-0057, 22.44.142
Request for Bonus Well Credit
Settlement Agreement and Mutual Release effective July 15, 2011

Dear Mr. Stapleton:

Pursuant to the Settlement Agreement referenced above, Paragraph 4.c. and d. state PXP (the predecessor Operator of the Inglewood Oil Field to Freeport-McMoRan Oil & Gas [FM O&G]) may earn "Bonus Wells" to drill by plugging and abandoning wells within the 800-foot zone. Language from the Settlement Agreement follows:

c. *In Time Period One, for each well abandoned within 800 feet of any Developed Area (the "800-foot zone") by PXP since adoption of the CSD and in full compliance with the California Department of Conservation's Division of Oil, Gas and Geothermal Resources ("DOGGR") standards for abandonment at the time of abandonment, PXP may drill two additional new wells outside of the 800-foot zone (hereinafter "Bonus Wells"), up to a maximum of 45 drilled and re-drilled wells (30 wells plus 15 Bonus Wells) in any calendar year within Time Period One pursuant to Director's Review and subject to review and approval in the Annual Drilling Plan. Subject to the annual and aggregate limits on number of wells, Bonus Wells earned by abandonment may be drilled at any time during the life of the CSD.*

d. *In the Full Operational Period, for each well abandoned within the 800-foot zone, PXP may drill two additional new wells outside the 800-foot zone up to a maximum of 53 drilled and re-drilled wells (35 wells plus 18 Bonus Wells) in that year pursuant to Director's Review and subject to review and approval in the Annual Drilling Plan. Subject to the aggregate and annual limits on number of wells, Bonus Wells earned by abandonment may be drilled at any time during the life of the CSD.*

Enclosed with this letter is documentation that the following seven (7) wells have been plugged and abandoned within the 800-foot zone. For reference a map is enclosed showing the location of each of these wells. Per the terms of the Settlement Agreement above, FM O&G has earned the right to drill two (2) additional wells outside of the 800-foot zone for each of these abandoned wells located within the 800-foot zone.

FREEPORT-MCMORAN OIL & GAS

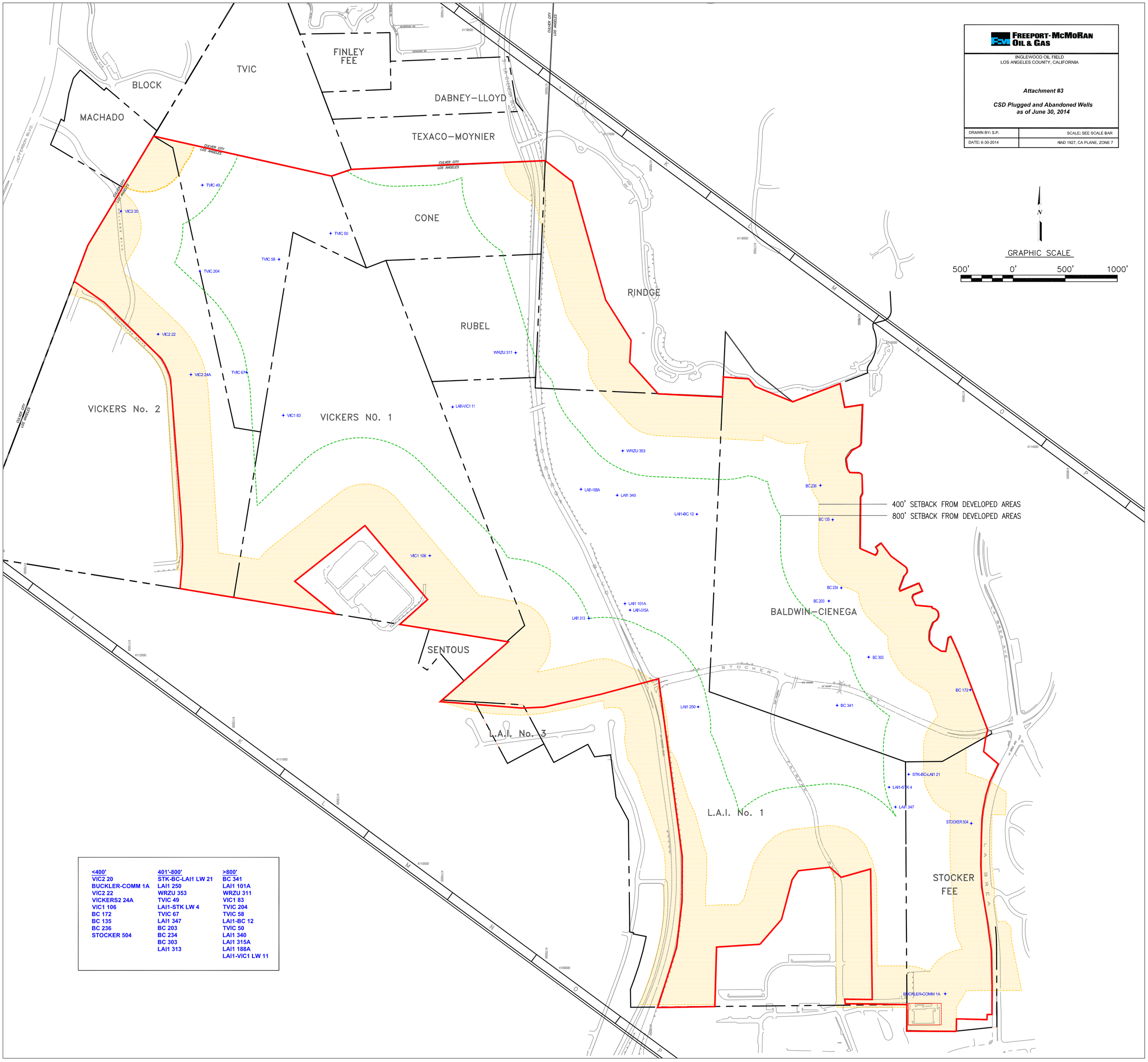
Well Name	X (East)	Y (North)	W/IN 800'	Bonus Wells Earned	Bonus Wells Used
Carried Over from 7/15/13 Approval	**-**	**-**	**-**	**26**	**5**
BC-135	4177746	4113300	Yes	2	0
BC-203	4177738	4112546	Yes	2	0
BC-234	4177828	4112646	Yes	2	0
BC-236	4177482	4113688	Yes	2	0
BC-303	4178090	4111981	Yes	2	0
STOCKER-504	4179075	4110386	Yes	2	0
LAI1-313	4175991	4112571	Yes	2	0
Submitted for Approval Herein	**-**	**-**	**-**	**14**	**0**
TOTALS as of 6/30/14	**-**	**-**	**-**	**40**	**5**

Thank you very much for your review of the information within and enclosed to this letter and confirmation of the earned wells. Pease call should you have any further questions.

Sincerely,

Laura Vlk
Senior EH&S Specialist

Encls.


FREEPORT-McMoRAN OIL & GAS
INGLEWOOD OIL FIELD
LOS ANGELES COUNTY, CALIFORNIA
Attachment #3
CSD Plugged and Abandoned Wells
as of June 30, 2014
DRAWN BY: S.P.
SCALE: SEE SCALE BAR
DATE: 6-30-2014
NAD 1927, CA PLANE, ZONE 7
N
GRAPHIC SCALE
500' 0' 500' 1000'
400' SETBACK FROM DEVELOPED AREAS
800' SETBACK FROM DEVELOPED AREAS
BLOCK
MACHADO
TVIC
FINLEY FEE
DABNEY-LLOYD
TEXACO-MOYNIER
CONE
RINDGE
RUBEL
VICKERS No. 2
VICKERS NO. 1
SENTOUS
BALDWIN-CIENEGA
L.A.I. No. 3
L.A.I. No. 1
STOCKER FEE
CULVER CITY
LOS ANGELES
JEFFERSON BLVD.
S. LA CIENEGA BLVD.
STOCKER
LA BREA AVE.
TVIC 49
VIC2 20
TVIC 50
TVIC 58
TVIC 204
VIC2 22
VIC2 24A
TVIC 67
VIC1 83
WRZU 311
LAI1-VIC1 11
WRZU 353
LAI1-188A
LAI1 340
LAI1-BC 12
BC 236
BC 135
VIC1 106
BC 234
BC 203
LAI1 101A
LAI1-315A
LAI1 313
BC 303
BC 172
BC 341
LAI1 250
STK-BC-LAI1 21
LAI1-STK 4
LAI1 347
STOCKER 504
BUCKLER-COMM 1A
<400'
VIC2 20
BUCKLER-COMM 1A
VIC2 22
VICKERS2 24A
VIC1 106
BC 172
BC 135
BC 236
STOCKER 504
401'-800'
STK-BC-LAI1 LW 21
LAI1 250
WRZU 353
TVIC 49
LAI1-STK LW 4
TVIC 67
LAI1 347
BC 203
BC 234
BC 303
LAI1 313
>800'
BC 341
LAI1 101A
WRZU 311
VIC1 83
TVIC 204
TVIC 58
LAI1-BC 12
TVIC 50
LAI1 340
LAI1 315A
LAI1 188A
LAI1-VIC1 LW 11

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

ST F S

Operator Plains Exploration & Production Company Field Inglewood County Los Angeles

Well BC 135 Sec. 17 T. 2S R. 14W B and M SB

A.P.I. No. 04037077190000 Name Gerry L. Cales (Person Submitting Report) Title Agent (President, Secretary, or Agent)

Date 08/20/2013 (Month Day Year) Signature Gerry L. Cales

Address 5640 South Fairfax Avenue Los Angeles, California 90056 Telephone Number 323-298-2226

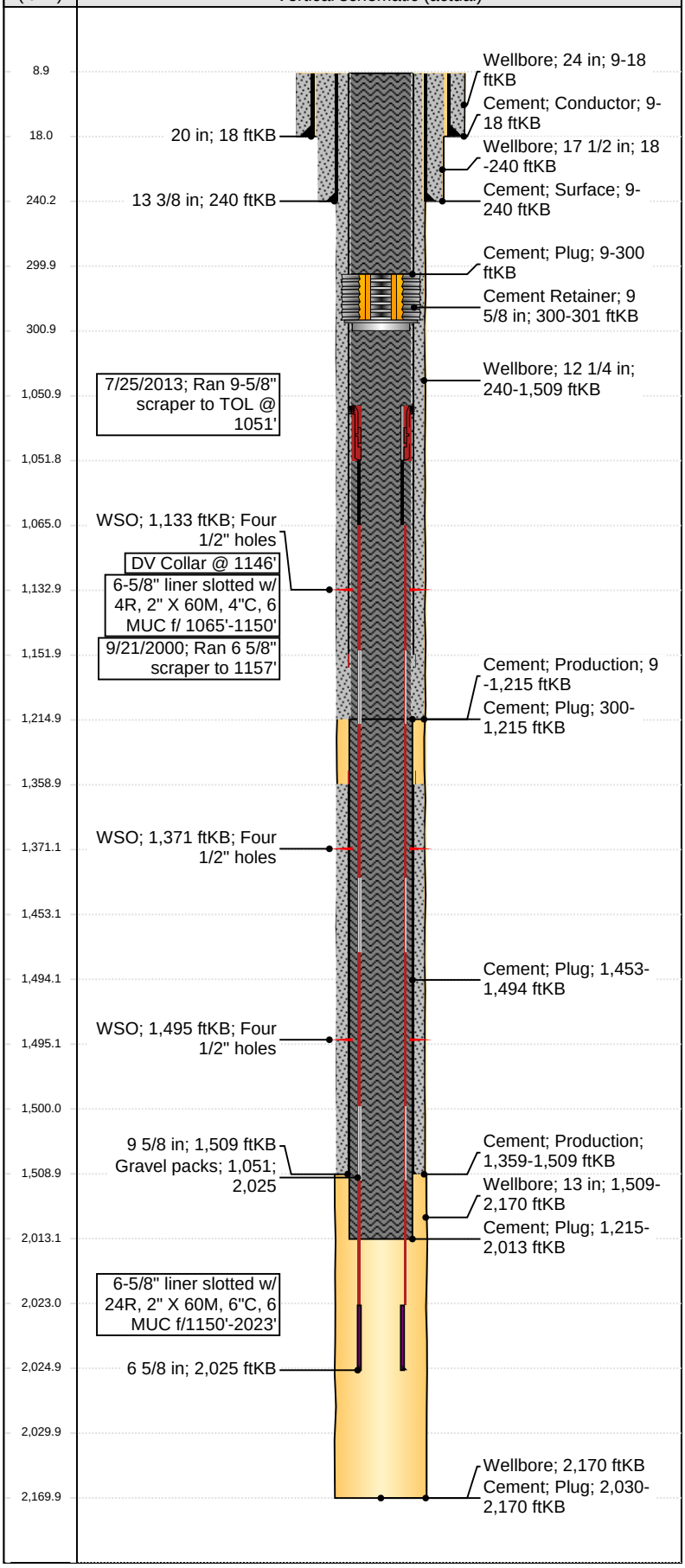
History must be completed in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment, with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests, and initial production data.

Job Summary: Plug & Abandon Only

Date	ct t
07/22/2013	MIRU tied the mast down. Unloaded tools and equipment. Pressure tested casing from packer at 926' to 300 psi, OK. Removed injection tree and unbolted flange. Unlanded and laid down flange. N/U and function test class II BOPE, OK. R/U workfloor. Released packers POOH laying down 29 jts 2-7/8" tubing and one 9-5/8" Lok-Set packer, 3 jts IC/EC tubing and one 7" inflatable packer. Picked up and measured in hole with 2-7/8" workstring tubing. Closed well in until am.
07/23/2013	Checked pressure on well 0 psi, opened well. Continued to RIH with tubing, tagged at 1249'. Cleaned out fill from 1249' to 1453', top of cement. POOH with tubing. P/U two drill collars with 5-5/8" drill bit on bottom. RIH with tubing to top of cement @ 1453'. R/U power swivel and started drilling out cement from 1453' to 1500' and hit bridge plug at 1500'. Drilled plug to 1580' and stopped. POOH with tubing. Closed well in until am.
07/24/2013	0 psi on casing and tubing, opened well. RIH with 4-3/4" bit, continued drilling plug at 1580' and cleaned out fill to TD @ 2013'. POOH with tubing, L/D bit. RIH with open ended tubing to 2013'. R/U Halliburton, held PJSM and tested surface lines. With tubing hung at 2013', mixed and pumped 159 cf (137sx-28bbls) of class 'G' cement in two stages from 2013' to 1144'. R/D Halliburton. POOH with tubing. Closed well in until am.
07/25/2013	0 psi on casing and tubing, opened well. Filled up casing with lease water for log. R/U Tiger wireline and ran CBL from 1215' to surface. Pressure tested casing to 300 psi and dropped 200 psi in 6 minutes. RIH with 9-5/8" 32# scraper to top of liner @ 1051'. POOH laid down scraper. RIH with tubing to 1215'. R/U Halliburton cement trucks, mixed and pumped 360 cf (310sx-64bbls) class 'G' cement from 1215' to 300'. POOH with tubing. RIH with 9-5/8" 32# cement retainer and set retainer @ 300'. R/U Halliburton, mixed and pumped 168 cf (147sx-26bbls) class 'G' cement to surface. POOH laying down tubing. R/D Halliburton. Secured rig and well until am. DOGGR Callie Cullum waived witness.

D r na o e e ort	erator: P a n orat on Product on P :
n e ood F e d	T e: njector
Mod ed b : j o um	om Date: P Date:
	F : t : t Datum: t TD: t

Vertical - Original Hole, 8/20/2013 12:29:02 PM



P u ac Date

Date/Time

a n Str n

Csg Des	OD Nom Max (in)	Wt/Len (lb/ft)	Grade	Top (ftKB)	Set Depth (ftKB)
Conductor	20	96.00		9.0	18
Surface	13 3/8	44.00		9.0	240
Production	9 5/8	32.00	H-40	9.0	1,509
Liner1 - Production	6 5/8	28.00		1,051.0	2,025

ement ecord

onductor ement

OD Nom Max (in)	Top (ftKB)	Btm (ftKB)	Top Meas Meth	Com
20	9.0	18.0	Visual	

Sur ace ement

OD Nom Max (in)	Top (ftKB)	Btm (ftKB)	Top Meas Meth	Com
13 3/8	9.0	240.0	Visual	175 sks

Product on ement

OD Nom Max (in)	Top (ftKB)	Btm (ftKB)	Top Meas Meth	Com
9 5/8	9.0	1,215.0	Calculated	275 cft
9 5/8	1,359.0	1,509.0	Calculated	300 cft

P u ement

OD Nom Max (in)	Top (ftKB)	Btm (ftKB)	Top Meas Meth	Com
9 5/8	9.0	300.0		168 cft, 147 sks, 26 bbls "G" cement
9 5/8	300.0	1,215.0	Other	360 cft 310 sks, 64 bbls "G" cement
9 5/8	1,215.0	2,013.0	Cement Bond Log	159 cft, 137 sks, 28 bbls "G" cement
9 5/8	1,453.0	1,494.0		Drilled out to 1500' for P&A on 7/23/2013
9 5/8	2,030.0	2,170.0		

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Des	Top (ftKB)	Btm (ftKB)	OD (in)	Com
Cement Retainer	300	301	9 5/8	
Gravel packs	1,051	2,025	6 5/8	480 cft -5+7 gravel through port collar @ 1054'

Per orat on

OD Nom Max (in)	Type	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Nom Hole Dia (in)	Phasing (°)
9 5/8	WSO	1133	1133	4.0	0.500	
9 5/8	WSO	1371	1371	4.0	0.500	
9 5/8	WSO	1495	1495	4.0	0.500	

one and Sand Mar er

Zone Name	Geological Marker	Zone Top MD (ftKB)
Upper Hydrocarbon	UHZ	600.0
Top Injection	TIZ	1,085.0
Vickers	Alpha	1,144.0
Vickers	A	1,219.0
Vickers	B	1,269.0
Vickers	C	1,312.0
Vickers	D	1,385.0
Vickers	D1	1,437.0
Vickers	E	1,499.0
Vickers	G	1,765.0
Vickers	H	1,899.0

omment

Start Date	Type	Com
	Condition of Casing	9 5/8" window milled 1152'-1359'
9/21/2000	Condition of Liner	Bad spot @ 1560'
9/6/2000	Condition of Casing	Bad casing @ 1017' (DHV). Swaged, milled and cmt squeezed bad spot @ 1015'.
6/15/1993		Convert to Injector

Per orat on e ort
r na o e

P umber: 04037077190000 **erator:** Plains Exploration & Production

Date	Type	OD Nom Max (in)	Top (ftKB)	Btm (ftKB)	Shot Density (shots/ft)	Nom Hole...	Phasing (°)	Comment
6/24/1953	WSO	9 5/8	1133	1133	4.0	0.500		Four 1/2" holes
6/24/1953	WSO	9 5/8	1371	1371	4.0	0.500		Four 1/2" holes
6/24/1953	WSO	9 5/8	1495	1495	4.0	0.500		Four 1/2" holes

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

ST F S

Operator Plains Exploration & Production Company Field Inglewood County Los Angeles

Well BC 234 Sec. 17 T. 2S R. 14W SB B and M

A.P.I. No. 04037077370000 Name Gerry L. Cales (Person Submitting Report) Title Agent (President, Secretary, or Agent)

Date 09/03/2013 (Month Day Year) Signature Gerry L. Cales

Address 5640 South Fairfax Avenue Los Angeles, California 90056 Telephone Number 323-298-2226

History must be completed in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment, with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests, and initial production data.

Job Summary: Plug & Abandon Only

Date	ct t
07/15/2013	Held tailgate meeting, Had permits approved. Secured equipment. Road rigged equipment from Jefferson to location. Had stinger spot in workstring. Spotted in rig. MIRU, tied down rig. Spotted in equipment. Tested casing to 300 PSI. OK. Bled off. Tore out tree, and injection lines. Backed out ram set screws. Had to cut 2 rams out. Work stuck hanger free. Stacked out tubing. Stripped over installed and function tested BOPE. Assembled work floor. Released packers. POOH with tubing and packers, swabbing out of hole. Laid down tubing and equipment. Made up 6 5/8" 28 lb. scraper. Tripped in hole with same picking up 2 7/8" workstring. Tagged 1890'. POOH with tubing, laid down scraper. CWI. 0 PSI. EOT
07/16/2013	Held tailgate meeting, Had permits approved. Bled off well, 25 PSI. Opened well. Made up 5 1/2" shoe. Tripped in hole with tubing and shoe. Shoe stopped @ 961'. Could not work down. Possible dogleg. POOH with tubing and tools. Found shoe beveled at threads. Had mud pump moved into location. Rigged up pump and kill line while waiting on tools. Made up 4 1/2" junk basket. Tripped in hole with tubing. Shoe stopped @ 1691'. Attempted to work through. Rotated and dropped in. Possibly parted casing. Cont'd in hole to 1830'. Broke circulation. Circulated down with junk basket. Tagged plug @ 1891'. Circulated on plug to get junk in basket. POOH with tubing and tools. Recovered rocks and small bits of metal. Made up same junk basket. Tripped in hole with same. Broke circulation. Tagged plug @ 1891'. Circulated out sand plugged off. Could not clear. POOH with tubing, recovered drag block off packer, metal, and rocks. Made up and tripped in hole with mule shoe. Ran in to 1200'. CWI. 0 PSI. EOT.
07/17/2013	Held tailgate meeting, Had permits approved. Opened well 20 PSI. Cont'd to trip in hole with tubing. Tagged @ 1891'. Broke circulation. Circulated out scale, sand and metal. Circulated clean. POOH with tubing. Made up 4 1/2" magnet. Tripped in hole with same. Work through bad spot @ 1691'. Cont'd in hole. Tagged plug @ 1891'. POOH with tubing, recovered chunk of metal and slips off packer. Made up 5 5/8" bit on 4 3/4" collar. Tripped in hole with same. Bit stopped @ 1691'. Could not work through. POOH, laid down drill collar. Made up 5 5/8" bit on 2 7/8" tubing. Tripped in hole with same. Could not work through spot @ 1691'. POOH with tubing. Made up 4 5/8" bit. Tripped in hole with same on workstring. Worked through bad spot @ 1691'. Tagged plug @ 1891'. Made up swivel drill on CIBP. Made 6". Let clean up. Pulled tubing up safe. CWI 0 PSI EOT.
07/18/2013	Held tailgate meeting, Had permits approved. Opened well 30 PSI. POOH with tubing and bit. All teeth worn off bit. Recovered piece of 5 5/8" bit cone in bit. Made up and tripped in hole with 4 1/2" junk basket, circulated junk into basket. POOH with tubing, recovered several pieces of metal in basket. Made up 4 1/4" bladed junk milled on 2- 3 1/2" collars. Tripped in hole on tubing. Worked milled past bad spot @ 1691'. Cont'd in tagged plug @ 1891'. Milled on junk @ 1891'.Broke through. Cleaned out formation down to 1903'. Could not get deeper. Mill rotating , no torque. POOH with tubing and tools. Laid down collars, plugged with formation and metal. Mill worn out. Rigged down power swivel. Made up and trip in hole with mule shoe, tagged fill @ 1903'. Pulled tubing up safe. CWI 0 PSI EOT.

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

ST F S

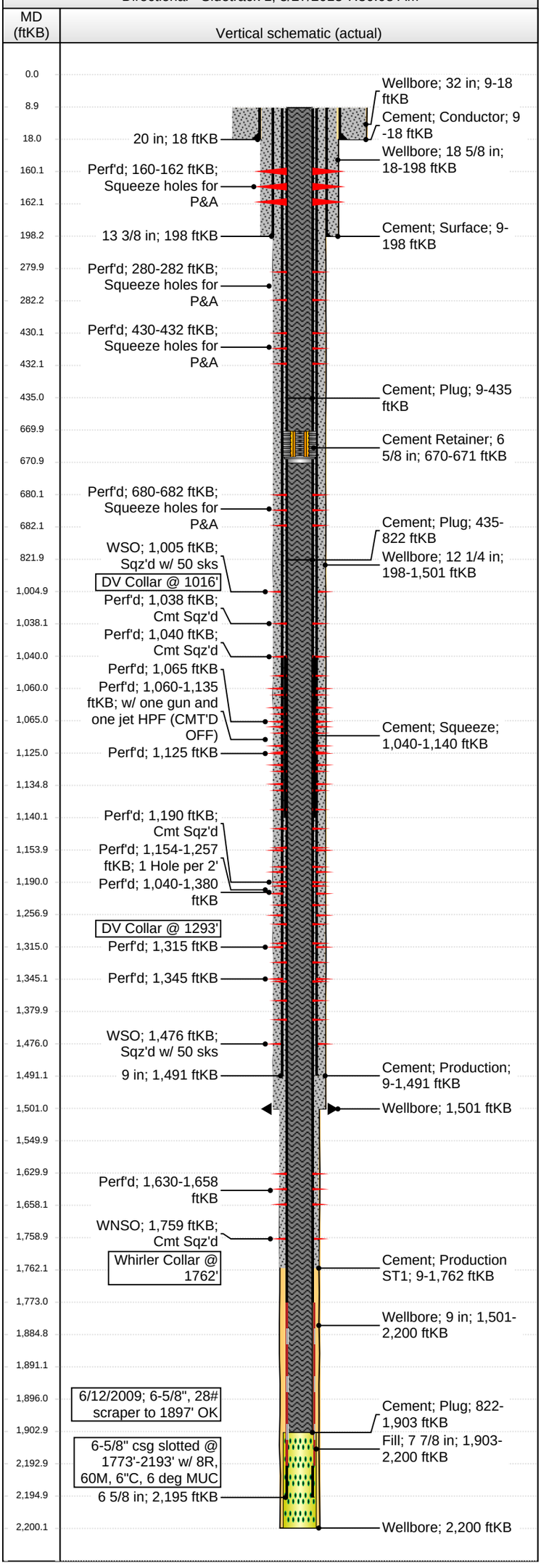
Operator Plains Exploration & Production Company Field Inglewood County Los Angeles

Well BC 234 Sec. 17 T. 2S R. 14W SB B and M

07/19/2013	Held tailgate meeting, Had permits approved. Opened well 15 PSI. Had offset injector shut in to stop flow. Tripped in hole with tubing. Tagged bottom @ 1903'. Rigged up Halliburton. Hung tubing tail @ 1903'. Mixed and pumped 225 CU/ FT class "G" cement with Pol-E-Flake in 3 stages from 1903'- 630'. Pulled tubing tail to 630'. Back-scuttled. POOH with tubing. ETOC 630'.Witness of tag and cement waived by Paul Kaufman DOGGR. Cleaned location and hauled off junk while waiting on cement. Tripped in hole with tubing, tagged cement @ 822'. POOH with tubing. Rigged up Tiger Wireline. Shot 8 HPF in 6 5/8" casing @ 680'- 682'. POOH, rigged down Tiger Wireline. Made up and trip in hole with full-bore . Set packer @ 670'. Pumped through holes 1.5 BPM @ 200 PSI. POOH with tubing and packer. Tripped in hole with tubing. Hung tail @ 822'. Mixed and pumped 26 CU/FT class "G" cement with Halad 322. POOH with tubing. Picked up and ran in hole with 6 5/8" cement retainer. Set retainer @ 670'. Mixed and pumped 19 CU/FT class"G" cement through retainer, pulled out mixed and pumped additional 44 CU/FT cement above retainer, pulled tubing tail to 430'. Back-scuttled clean. ETOC 430 POOH with tubing. Tag and cementing witnessed by Paul Kaufman DOGGR. CWI EOT. 0 PSI . No accidents, incidents, or spills reported.
07/20/2013	Held tailgate meeting and, had permits approved. Opened well. 0 PSI. Tripped in hole with tubing. Tagged cement plug @ 435'. POOH. Rigged up Tiger Wireline. Tripped in hole, shot perfs in 6 5/8" casing @ 430'-432'. POOH. Hooked up Halliburton. Attempted to pump through holes @ 430'. Pressured to 280 PSI. Held solid. Tripped in hole with perf gun. Shot holes in casing @ 280'-282'. POOH. Pumped through holes in casing. Took 140 PSI to pump away. No circulation to surface. Ran bond log on casing from 430'- surface. Showed cement behind pipe. Shot perfs in casing from 160'- 162'. POOH, rigged down Tiger Wireline. Tripped in hole with full-bore , set packer @ 190'. Pumped through holes @ 160'. Took 140 PSI to pump through. POOH with packer. Tripped in hole with tubing to 435'. Rigged up Halliburton, mixed and pumped 89 CU/ FT class "G" cement to surface. POOH with and laid down tubing. Tore out BOPE. Filled casing with 11 CU/FT cement. Installed flange. Squeezed casing with 1.1 CU/FT cement. Pressured to 160 PSI. Holding pressure. Tag and cementing waived by Callie Callum DOGGR. CWI. Rig down Halliburton. Loaded out equipment. Rigged down cleaned location, hauled off equipment. Moved off. **NAD83 coordinates: LAT 34.000668 LONG 118.363488**

D S detrac e ort e a **n e ood F e d** **Mod ed b : j o um**	**erator: P a n orat on Product on P :** **T e: njector P Date:** **F : t : t Datum: t** **Pre ent ect e De th: t**

Directional - Sidetrack 1, 8/27/2013 7:30:08 AM



S detrac om et on Date

Date: 7/14/1962

a n Str n

Csg Des	OD Nom Max (in)	Wt/Len (lb/ft)	Grade	Top (ftKB)	Set Depth (ftKB)
Conductor	20	79.00		9.0	18
Surface	13 3/8	44.11		9.0	198
Production	9	45.00		9.0	1,491

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onductor ement

OD Nom Max (in)	Top (ftKB)	Btm (ftKB)	Top Meas Meth	Com
20	9.0	18.0		Vol Unknown

Sur ace ement

OD Nom Max (in)	Top (ftKB)	Btm (ftKB)	Top Meas Meth	Com
13 3/8	9.0	198.0	Visual	225 sks + 14 sks (Top Job)

Product on ement

OD Nom Max (in)	Top (ftKB)	Btm (ftKB)	Top Meas Meth	Com
9	9.0	1,491.0	Visual	150 cft @ 1491' + 500 cft @1293' (Cmt rtns to surface)

Product on ST ement

OD Nom Max (in)	Top (ftKB)	Btm (ftKB)	Top Meas Meth	Com
6 5/8	9.0	1,762.0	Calculated	125 cft @ 1762'; 95 cft @ 1016'

S uee e ement

OD Nom Max (in)	Top (ftKB)	Btm (ftKB)	Top Meas Meth	Com
6 5/8	1,040.0	1,140.0		

P u ement

OD Nom Max (in)	Top (ftKB)	Btm (ftKB)	Top Meas Meth	Com
	9.0	435.0	Tagged	100 cft + 1.1 cft squeeze "G" cement
	435.0	822.0	Tagged	89 cft "G" cement
	822.0	1,903.0	Tagged	225 cft "G" cement

un P u ther n o e

Des	Top (ftKB)	Btm (ftKB)	OD (in)	Com
Cement Retainer	670	671	6 5/8	
Fill	1,903	2,200	7 7/8	Top of fill tagged @ 1903' on 7/18/2013

Per orat on

OD Nom Max (in)	Type	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Nom Hole Dia (in)	Phasing (°)
6 5/8	Perf'd	160	162	8.0		
6 5/8	Perf'd	280	282	8.0		
6 5/8	Perf'd	430	432	8.0		
6 5/8	Perf'd	680	682	8.0		
6 5/8	Perf'd	1038	1038	4.0	0.500	
6 5/8	Perf'd	1040	1380	2.0	0.250	
6 5/8	Perf'd	1040	1040	4.0	0.500	
9	Perf'd	1060	1135			
9	Perf'd	1065	1065			
9	Perf'd	1125	1125			
9	Perf'd	1154	1257			
6 5/8	Perf'd	1190	1190	4.0	0.500	
9	Perf'd	1315	1315			
9	Perf'd	1345	1345			
6 5/8	Perf'd	1630	1658	4.0	0.100	
6 5/8	WNSO	1759	1759	4.0	0.500	

one and Sand Mar er

Zone Name	Geological Marker	Zone Top MD (ftKB)
Investment	UHZ	680.0
Top Injection	TIZ	964.0
Vickers	Alpha	1,038.0
Vickers	A	1,137.0
Vickers	B	1,203.0
Vickers	C	1,256.0
Vickers	D	1,293.0
Vickers	D1	1,353.0
Vickers	E	1,411.0
Vickers	G	1,630.0
Vickers	G1	1,708.0
Vickers	H	1,763.0
Vickers	I	1,855.0
Vickers	K	1,984.0
Vickers	L	2,132.0

omment

Start Date	Type	Com
	Condition of Casing	TST survey found hole in 6-5/8" @ 1687'
	Condition of Casing	Tight spot swedged thru @ 1695'
	Condition of Casing	4-7/16" junk basket stopped @ 1695'

Per orat on e ort
S detrac

P umber: 04037077370000 **erator:** Plains Exploration & Production

Date	Type	OD Nom Max (in)	Top (ftKB)	Btm (ftKB)	Shot Density (shots/ft)	Nom Hole...	Phasing (°)	Comment
7/19/2013	Perf'd	6 5/8	160	162	8.0			Squeeze holes for P&A
7/19/2013	Perf'd	6 5/8	280	282	8.0			Squeeze holes for P&A
7/19/2013	Perf'd	6 5/8	430	432	8.0			Squeeze holes for P&A
7/19/2013	Perf'd	6 5/8	680	682	8.0			Squeeze holes for P&A
5/1/1988	Perf'd	6 5/8	1038	1038	4.0	0.500		Cmt Sqz'd
5/1/1988	Perf'd	6 5/8	1040	1040	4.0	0.500		Cmt Sqz'd
5/1/1988	Perf'd	6 5/8	1040	1380	2.0	0.250		

Date	Top (ftKB)	Btm (ftKB)	Status	Com
5/1/1988	1,040.0	1,140.0	Squeezed	Cmt Sqz'd 7/1997
5/1/1988	1,150.0	1,190.0		
5/1/1988	1,205.0	1,250.0		
5/1/1988	1,295.0	1,350.0		
5/1/1988	1,368.0	1,380.0		

Date	Type	OD Nom Max (in)	Top (ftKB)	Btm (ftKB)	Shot Density (shots/ft)	Nom Hole...	Phasing (°)	Comment
5/1/1988	Perf'd	6 5/8	1190	1190	4.0	0.500		Cmt Sqz'd
5/1/1988	Perf'd	6 5/8	1630	1658	4.0	0.100		
	WNSO	6 5/8	1759	1759	4.0	0.500		Cmt Sqz'd

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

ST F S

Operator Plains Exploration & Production Co. Field Inglewood County Los Angeles

Well BC 236 Sec. T. R. 8 2S B and M 14W SB

A.P.I. No. 04037077390000 Name Gerry L. Cales (Person Submitting Report) Title Agent (President, Secretary, or Agent)

Date 08/28/2013 (Month Day Year) Signature Gerry L. Cales

Address 5640 South Fairfax Avenue Los Angeles, California 90056 Telephone Number 323-298-2226

History must be completed in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment, with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests, and initial production data.

Job Summary: Plug & Abandon Only

Date	ct t
07/09/2013	MIRU tied the mast down. Unloaded tools and equipment. Checked pressure on well 200 psi. Opened and bled well down to Baker tank and left well bleeding down to Baker tank overnight. R/U mud pump and lines. Backed out stubborn wellhead set screws. Secured rig and well until am.
07/10/2013	Checked pressure on well 130 psi, closed in more injectors and monitored well. Pressure dropped to 30 psi. Removed injection tree. N/U and function tested BOPE, OK. R/U workfloor. Released 6-5/8" Lok-Set packer. Pulled 60' and packer stuck, worked packer free and POOH laying down 39 jts 2-7/8" tubing and found packer mandrel parted. Note; well has hole in casing at 8' inside cellar. Picked up and ran in hole with 6-5/8" full-bore to 60', set packer. Closed well in until am.
07/11/2013	Checked pressure on well 15 psi. R/U welder and had hot work permit signed off. Welded patch over hole in casing at 8'. R/D welder. Released full-bore pulled and laid down same. Measured in hole with 2-7/8" workstring, tagged at 1130', worked tubing but unable to pass. POOH with tubing. R/U Tiger wireline, ran CBL on 6-5/8" casing from 1130' to surface. R/D Tiger. Rigged for 1-1/2" tubing. Measured in hole with 1-1/2" tubing to 1100'. Closed well in until am.
07/12/2013	Serviced rig and equipment. 0 psi on tubing and casing. Continued to RIH with 1-1/2" & 2-7/8" workstring, tagged at 1130' on parted casing. Circulated clean and had formation sand in returns, cleaned out to 1230' and continued to get a lot of formation sand back, unable to pass 1230'. POOH stood back 1-1/2" tubing. RIH with 2-7/8" tubing with bell collar on bottom to 1000'. Closed well in until Monday am.
07/15/2013	Checked pressure on well 200 psi, bled down and opened well. Continued to RIH with tubing, tagged at 1050'. Cleaned out fill and getting a lot of formation sand back, cleaned out to 1130'. Unable to run video well still flowing back sand. Pulled 10 stands, closed well in until am. Crew installed BOPE on 5473.
07/16/2013	Checked pressure on well 90 psi, continued bleeding down well and closed in more injectors. Monitored well flow. RIH with tubing to 1130' and changed well over with lease water and pumped 60 bbls of KCL water. Closed well in with 40 psi.
07/17/2013	60 psi on well. Bled down to Baker tank. RIH with tubing to 1130'. Changed well over with lease water. R/U EV downhole video. RIH with camera to 1130'. Began pumping fresh water and found big dog leg at 1130'. POOH, L/D same. Pulled up with tubing to 968'. RIH with camera. Found sand had come from bottom of well. POOH. R/D EV. POOH with tubing. P/U 2.4 grapple, bumper sub and jars. RIH, latched onto packer at 1130'. Jarred but unable to free up. Released grapple, pulled 9 stands. Closed well in with 70 psi.

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

ST F S

Operator Plains Exploration and Production Company Field Inglewood County Los Angeles

Well BC 236 Sec. T. R. 8 2S B and M 14W SB

07/18/2013	110 psi on well, bled down to Baker tank. Opened well. POOH with tubing and L/D fishing tools. RIH with 300' of 1-1/2" tubing and 2-7/8" W/S. Tagged fine sand at 1050'. Cleaned formation sand to 1320'. Started recovering chunks of cement. Circulated well clean and pumped 100 bbls KCL water. Well was still flowing. POOH with 9 stands. Closed well in.
07/19/2013	50 psi on well, bled down to Baker tank. Opened well RIH with1-1/2" tubing, tagged at 1320'. POOH, L/D 1-1/2" tubing. P/U and RIH with 6-5/8" full-bore packer, set at 1095'. Well stopped flowing back. Released full-bore, POOH and L/D same. P/U and RIH with cement retainer, set at 1095'. R/U Halliburton cement trucks. squeezed 233 cf (201 sx) class G cement. Unstabbed from retainer, estimated TOC at 795'. POOH with tubing and laid down drill collars. Closed well in until am. (DOGGR witnessed tag, BOPE and cement squeeze)
07/20/2013	0 psi on well. RIH with tubing, tagged at 790'. R/U Halliburton cement trucks. With tubing tail at 790', mixed and pumped 175 cf (151 sx) class "G" cement. POOH, L/D tubing, N/D BOPE and workfloor. Topped off well with cement. R/D Halliburton. Cleaned location, loaded tools, untied mast and RDMO. Bill Flores of DOGGR waived witness of tag and cement to surface. **NAD83 coordinates: LAT 34.003369 LONG 118.364150**

D r na o e e ort	erator: P a n orat on Product on P :
n e ood F e d	T e: njector
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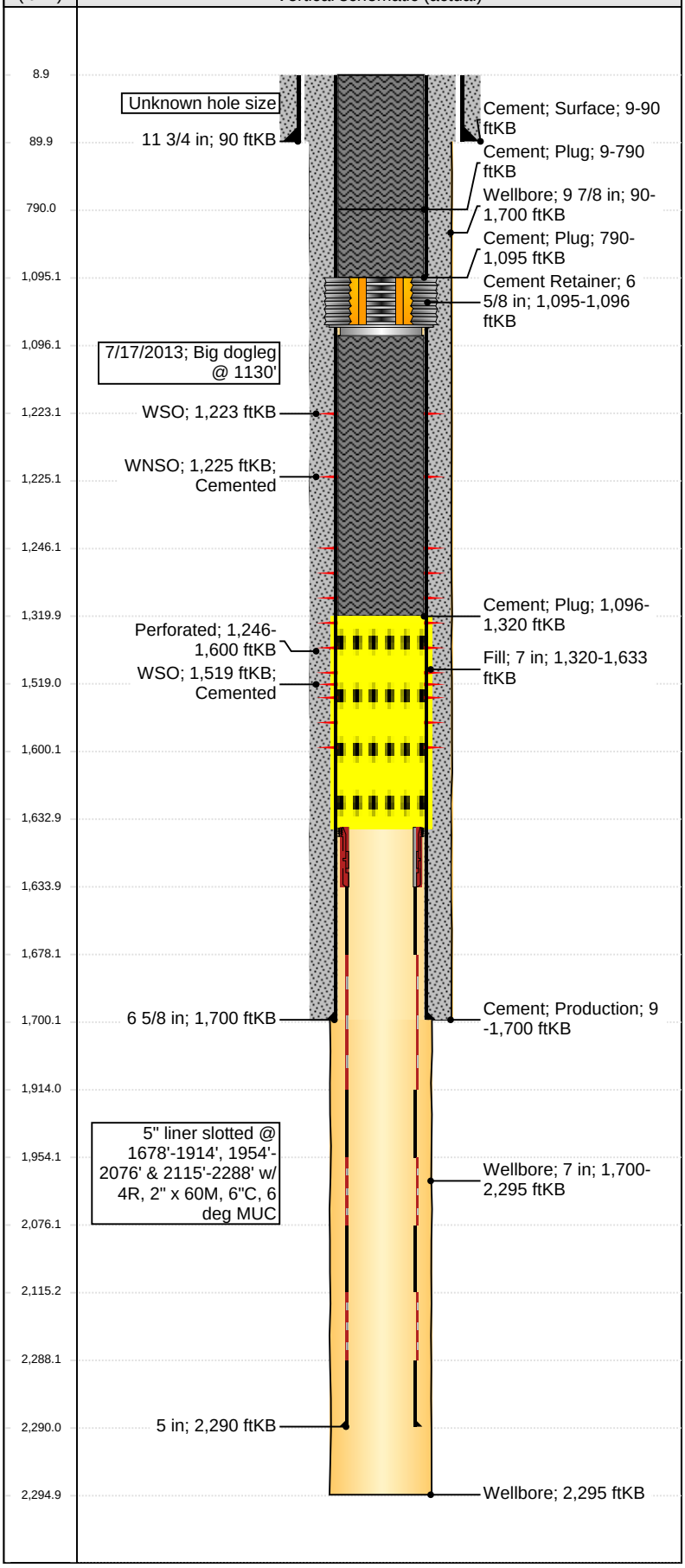
Directional - Original Hole, 8/27/2013 8:29:40 AM



P u ac Date

Date/Time

a n Str n

Csg Des	OD Nom Max (in)	Wt/Len (lb/ft)	Grade	Top (ftKB)	Set Depth (ftKB)
Surface	11 3/4	42.00		9.0	90
Production	6 5/8	20.00		9.0	1,700
Liner1 - Production	5	18.00		1,633.0	2,290

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Sur ace ement

OD Nom Max (in)	Top (ftKB)	Btm (ftKB)	Top Meas Meth	Com
11 3/4	9.0	90.0		Vol Unknown

Product on ement

OD Nom Max (in)	Top (ftKB)	Btm (ftKB)	Top Meas Meth	Com
6 5/8	9.0	1,700.0	Visual	375 cft + 100 sks, Top Job w/ 40 sks @ 90', WNSO @ 1225' sqz'd w/ 300 sks, Sqz Holes @ 1519' w/ 100 sks

P u ement

OD Nom Max (in)	Top (ftKB)	Btm (ftKB)	Top Meas Meth	Com
6 5/8	9.0	790.0	Visual	175 cft, 151 sks "G" cement
6 5/8	790.0	1,095.0	Tagged	233 cft, 201 sks "G" cement
6 5/8	1,096.0	1,320.0		233 cft, 201 sks "G" cement

un P u ther n o e

Des	Top (ftKB)	Btm (ftKB)	OD (in)	Com
Cement Retainer	1,095	1,096	6 5/8	
Fill	1,320	1,633	7	Cleaned out to 1320'; tagged top of fill

Per orat on

OD Nom Max (in)	Type	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Nom Hole Dia (in)	Phasing (°)
6 5/8	WSO	1223	1223			
6 5/8	WNSO	1225	1225			
6 5/8	Perforated	1246	1600	4.0	0.100	
6 5/8	WSO	1519	1519			

one and Sand Mar er

Zone Name	Geological Marker	Zone Top MD (ftKB)
Top Injection, Vickers	TIZ, Alpha	1,232.0
Vickers	A	1,340.0
Vickers	B	1,415.0
Vickers	C	1,480.0
Vickers	D	1,525.0
Vickers	D1	1,611.0
Vickers	E	1,654.0
Vickers	G	1,882.0
Vickers	G1	1,975.0
Vickers	H	2,020.0
Vickers	I	2,098.0
Vickers	K	2,230.0

omment

Start Date	Type	Com
7/17/2013	Condition of Casing	Dogleg found @ 1130'
1/29/2007	Condition of Casing	Fill reported @ 1311'; unable to clean out w/ 1" tbg. Bad spot or parted csg @ 1130'
1/1/1996	Condition of Liner	Cleaned out to 1933'; found course sand and chunks of scale
1/1/1995	Condition of Casing	Unable to clean out below 1875'; chunks of cmt
5/1/1983	Condition of Casing	Csg caliper log indicates possible bad csg @ 1500'; 6-5/8" scraper tight @ 1356'-1625'

Per orat on e ort
r na o e

P umber: 04037077390000 **erator:** Plains Exploration & Production

Date	Type	OD Nom Max (in)	Top (ftKB)	Btm (ftKB)	Shot Density (shots/ft)	Nom Hole...	Phasing (°)	Comment
6/1/1983	WSO	6 5/8	1223	1223				Four 1/2" holes
6/1/1983	WNSO	6 5/8	1225	1225				Four 1/2" holes, cemented
6/1/1983	Perforated	6 5/8	1246	1600	4.0	0.100		

Date	Top (ftKB)	Btm (ftKB)	Status	Com
6/1/1983	1,246.0	1,600.0		
6/1/1983	1,246.0	1,267.0		
6/1/1983	1,282.0	1,292.0		
6/1/1983	1,297.0	1,305.0		
6/1/1983	1,315.0	1,340.0		
6/1/1983	1,363.0	1,372.0		
6/1/1983	1,388.0	1,398.0		
6/1/1983	1,415.0	1,467.0		
6/1/1983	1,488.0	1,500.0		
6/1/1983	1,505.0	1,515.0		
6/1/1983	1,528.0	1,600.0		

Date	Type	OD Nom Max (in)	Top (ftKB)	Btm (ftKB)	Shot Density (shots/ft)	Nom Hole...	Phasing (°)	Comment
	WSO	6 5/8	1519	1519				Cemented

NATURAL RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

S MM P T

API No. 04037203750000

Operator	Well
Freeport-McMoRan Oil & Gas LLC	LAI1 313

Field (and Area, if applicable)	County	Sec.	T.	R.	B.&.M.
Inglewood	Los Angeles	17	2S	14W	SB

Location of well (Give surface location from property or section corner, street center line)
From point "DD" 651.87 N'ly along LAI BC property line, thence 1184.48 W'ly at right angles

Elevation of ground above sea level: 317

Lat./Long. in decimal degrees, to six decimal places, NAD 83 format: Lat: 33.999873 Long: 118.371494

Was the well directionally drilled? ☑ Yes ☐ No If yes, show coordinates (from surface location) and true vertical depth at total depth.
NS: 4112353.01, EW: 4175407.01 TVD: 2585

Commenced drilling (date)	Total depth		
1/14/1968	(1st hole)	(2nd hole)	(3rd hole)
Completed drilling (date) 1/19/1698	3000		

Depth measurements taken from top of: ☐ Derrick Floor ☐ Rotary Table ☑ Kelly Bushing
Which is 10 feet above ground.

Commenced production/injection (date) 1/19/1968

Present effective depth 0

Production mode: ☐ Flowing ☐ Pumping ☐ Gas lift ☑ Injector

Junk ? Describe: Fish @ 2287, 2324

Name of production/injection zone(s) None, P&A

GEOLOGICAL MARKERS	DEPTH
Top Injection Zone	1403
Vickers	1490
Rindge	2850

Formation and age at total depth	Base of fresh water
Rindge, Pliocene	525

	Clean Water (bbl per day)	API Gravity (clean oil)	Percent Water (including emulsion)	Gas (Mcf per day)	Tubing Pressure	Casing Pressure
Initial Injection	0	0	0	0	na	0
Injection After 30 days	0	0	0	0	na	0

CASING AND CEMENTING RECORD (Present Hole)

Size of Casing (Inches API)	Top of Casing	Depth of Shoe	Weight of Casing	Grade and Type of Casing	New (N) or Used (U)	Size of Hole Drilled	Number of Sacks or Cubic Feet of Cement	Depth of Cementing (if through perforations)	Top(s) of Cement in Annulus
14	10	90	0		N	20			10
9.625	10	1007	36	J-55	N	12.25			10
7	10	2984	23	J-55	N	8.75			10

PERFORATED CASING (Size, top, bottom, perforated intervals, size and spacing of perforations, and method.)
7" perf'd @ ': 1498 - 1518, 1522 - 1526, 1530 - 1534, 1538 - 1548, 1568 - 1572, 1731 - 1736, 1742 - 1750, 1780 - 1787, 1803 - 1818, 1839 - 1844, 1852 - 1863, 1904 - 1909, 1940 - 1949, 1968 - 1988, 2016 - 2025, 2030 - 2038, 2044 - 2047, 2050 - 2058, 2060 - 2064, 2079 - 2099, 2104 - 2119, 2125 - 2130, 2133 - 2138, 2170 - 2175, 2178 - 2181, 2189 - 2213, 2224 - 2253, 2256 - 2286, 2297 - 2316, 2320 - 2326, 2331 - 2335, 2346 - 2367, 2346 - 2370, 2376 - 2386, 2376 - 2382, 2422 - 2444, 2540 - 2563, 2568 - 2574, 2628 - 2638, 2661 - 2671, 2715 - 2732, 2772 - 2784, 2804 - 2830;

Logs/surveys run? ☑ Yes ☐ No If yes, list type(s) and depth(s).

1/28/2014; CBL from surface to 1410'

In compliance with Sec. 3215, Division 3, of the Public Resources Code, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Name of person filing report	Telephone Number	Signature	Date
Gerry L. Cales	323-298-2226	Gerry L. Cales	04/01/2014

Individual to contact for technical questions:	Telephone Number	E-Mail Address
Mike Fernandez	323-298-2276	Mike_Fernandez@fmi.com

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

ST F S

Operator Freeport-McMoRan Oil & Gas LLC Field Inglewood County Los Angeles

Well LAI 1 313 Sec. 17 T. 2S R. 14W SB B and M

A.P.I. No. 04037203750000 Name Kenneth R. Bork (Person Submitting Report) Title Agent (President, Secretary, or Agent)

Date 04/01/2014 (Month Day Year) Signature Kenneth R. Bork

Address 1200 Discovery Drive, Suite 500 Bakersfield, California 93309 Telephone Number 661-395-5458

History must be completed in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment, with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests, and initial production data.

Job Summary: Plug & Abandon Only

Date	ct t
01/24/2014	Arrived at location, filled out JSA and work permit. Held safety meeting with crew. Moved rig to next well. Called operator to sign permit and isolate well. Spotted rig on well. MIRU tied down mast. Assisted stinger racking in new tbg.
01/27/2014	Arrived at location, filled out JSA and work permit. Held safety meeting with crew. 40 psi on tbg, 20 psi on casing, Bled well down to frac tank. Opened well. N/U and function tested Class II BOPE. R/U work floor and rigged for tbg, removed tbg donut. Released 7" 23 lb Lok-set packer POOH laying down 45 jts 2.7/8" IC tbg and packer. RIH W 7" 23 lb scraper picking up 2-7/8" W/S to 1497', POOH, L/D scraper. RIH with 7" 23 lb C-plug. Set RBP @ 1450'. Filled casing with lease water and pressure tested to 200 psi, OK. POOH. Closed well in until am. NOTE: Paul Kaufman from DOGGR deferred BOPE inspection @1:30 PM.
01/28/2014	Arrived at location, filled out JSA and work permit. Held safety meeting with crew. 0 psi on casing, Opened well. R/U Tiger wireline ran in hole with CBL. Logged 7" csg from 1410' to surface. R/D Tiger. Picked up ran in hole with retrieving head latched onto "C" plug and POOH laid down plug. RIH with 2 7/8" 45°. Tagged @1880'. Reverse circulated and unable to get returns to surface. Hooked up injection line and still no returns. Pumped down tbg and flushed sand to perfs, from 1880' to 2080' POOH. Pick up 2.7/8" tubing bailer tagged at 2080' stopped at 2106' recovered sand. POOH closed well until a.m.
01/29/2014	Arrived at location, filled out JSA and work permit. Held safety meeting with crew. 0 psi on casing, In several runs, ran tbg bailer from 2106' to 2173' recovering formation sand. Unable to get deeper. RIH w 2 7/8" W/S to 1000' for killstring. Secured well.
01/30/2014	Arrived at location, filled out JSA and work permit. Held safety meeting with crew. 10 psi on casing, Opened well.Bled well down to Baker tank to 0. Continued RIH with 2 7/8" 45°. Tagged fill at 2173'. R/U Halliburton. Held safety meeting. Pressure tested lines. With tbg tail @2170'. In 3 stages Halliburton pumped 197 cu/ft, 169 sx, 35 bbls of 15.8 lb Class G cement slurry from 2173' to 1250'. R/D Halliburton. (TTOC 1303'). Pulled high to 900' reversed out clean. Cleaned and secured location. Note: Paul Kaufman from DOGGR inspected BOPE, witnessed tag and bottom hole cement job.
01/31/2014	Arrived at location, filled out JSA and work permit. Held safety meeting with crew. 0 psi on casing, Opened well. RIH with 2-7/8" 45*. tagged cement at 1734'. ETOC was 1303' = 431' low. Paul Kaufman from DOGGR witness tag. (Upgrade cement to 1303'). R/U Halliburton. In 2 stages from 1734' to 1250'. Halliburton pumped 107 cu ft, 92 sx, for 19 bbls 15.8 lb Class G cement slurry. ETOC is 1250'. Paul Kaufman from DOGGR witness Cement job. Wait on Cement. RIH with 2-7/8" 45*. Tagged @1734'. ETOC 1250' = 484' low. Notify Paul Kaufman from DOGGR, (Upgrade cement to 1303'). R/U Halliburton In 2 stages from 1734' to 1200' Halliburton pumped 118 cu ft, 102 sx for 21 bbls 15.8 lb Class G cement slurry. ETOC is 1200'. R/D Halliburton. Pulled high to 900'. Reversed circulated clean. Secured well and location.

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02/03/2014	Arrived at location. Filled out JSA and work permit. Held safety meeting with crew. 0 psi on casing. Ran in hole with tubing and 45° on bottom. Tagged top of cement at 1732' (429' low). R/U Halliburton cement trucks. Pumped 118 cu/ ft, 21 bbls., Class G + 2% CaCl2 @15.8 ppg in 2 stages for a total of 102 sks from 1732' to 1200'. CIP @ 10:30 AM. POOH stood back tbg. WOC 4 hrs. Ran back in hole with tbg and tagged TOC @ 1521' (218' low.) DOGGR on location Everette Tabor. R/U Halliburton. Pumped 53 sks., 62 cf, 11 bbls Class G + 2% CaCl2 from 1521' to 1250' @15.8ppg CIP @ 4:00 PM. Rig down cement trucks. POOH with tbg. Close in well and cleaned location.
02/04/2014	Arrived at location. Filled out JSA and work permit. Held safety meeting with crew. 0 psi on casing. Opened BOPE. Ran in hole with tubing and 45 on bottom. Tagged TOC at 1327' (24' low). DOGGR (Zaheed Amilhussin) waived witness of plug @ 4:00 PM 2/3/14. Also waived the witness of next plug @ 9:30 AM 2/4/14. Pressure tested 7" csg to 200 psi for 15 min. OK. R/U Halliburton pumped 38 sks., 7.8 bbls., 44 cf of Class G Cement + 2% CaCl2 @ 15.8 ppg from 1327' to 1127'. CIP 11:20 AM. POOH. WOC. RIH with tbg and tagged TOC @ 1144'. Pumped 15 bbls. 9.7 ppg mud from 1144' to 870'. POOH. R/U Tiger Wireline. Set 7" CIBP at 870'. Perforate 8 holes at 200. Established circulation up 7"/9 5/8" annulus. Rigged down wireline. Ran in hole with tbg to 870'. R/U Halliburton. Pumped 168 sks., 34.5 bbls., 195 cf of Class G Cement @ 15.8 ppg in 3 stages. CIP 5:40 PM. Close blind rams. Open 9 5/8" annulus. Pumped 1.7 bbls. down 7" csg. Recovered good cement returns in 9 5/8" annulus. Secured well.
02/05/2014	Arrived at location. Filled out JSA and work permit. Held safety meeting with crew. 0 psi on casing. Opened BOPE. RIH with tubing and 45° on bottom. Tagged cement at 75'. DOGGR's (Zaheed Amilhussin) waived witness of plug and top job at 8:30 AM 2/5/14. R/U Halliburton. Pumped 20 sks., 4.1 bbls., 23 cf, Class G cement at 15.8 ppg. CIP at 11:25 AM. Rigged down Halliburton. Laid down 2 jts. and cleaned up location. Remove BOPE and workfloor. RDMO.

D r na o e e ort

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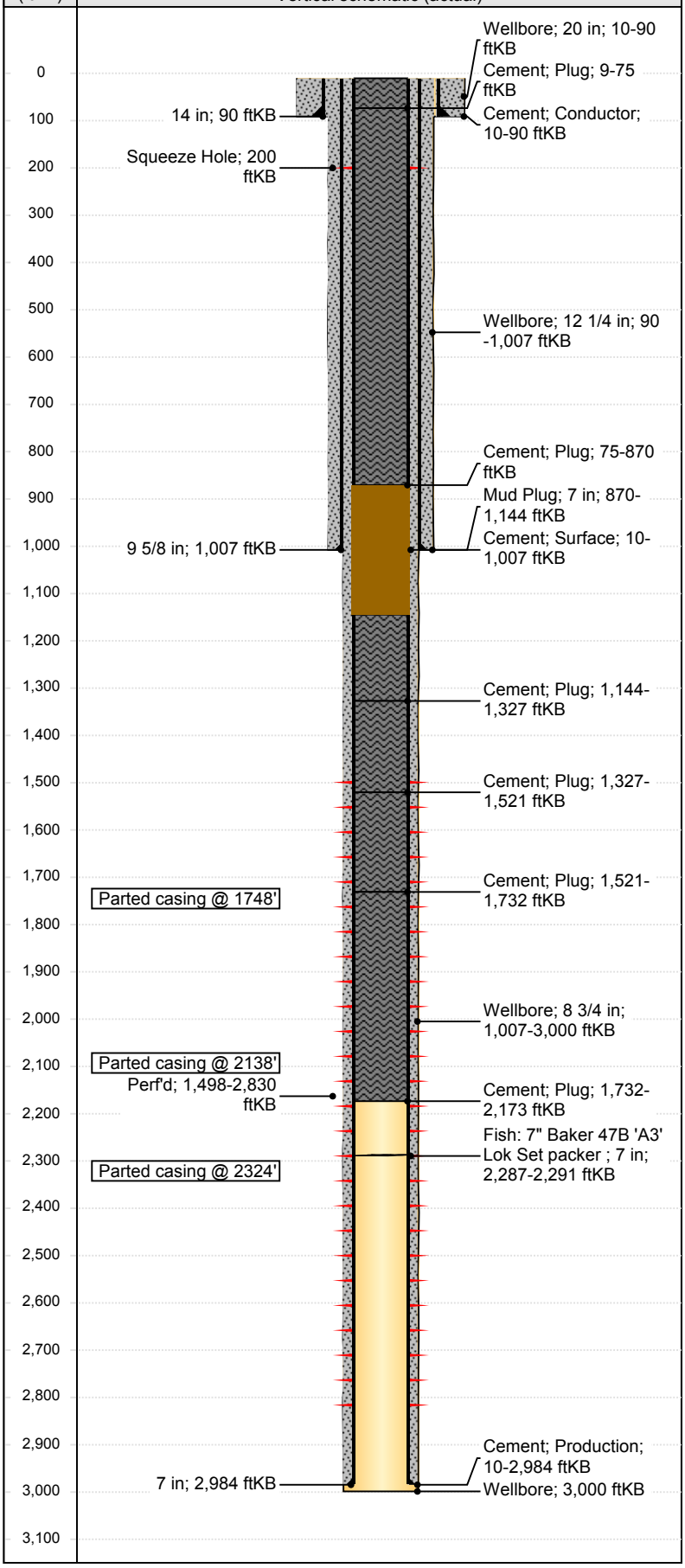
Directional - Original Hole, 4/1/2014 1:48:18 PM



P u ac Date

Date/Time

a n Str n

Csg Des	OD Nom Max (in)	Wt/Len (lb/ft)	Grade	Top (ftKB)	Set Depth (ftKB)
Conductor	14			10.0	90
Surface	9 5/8	36.00	J-55	10.0	1,007
Production	7	23.00	J-55	10.0	2,984

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onductor ement

OD Nom Max (in)	Top (ftKB)	Btm (ftKB)	Top Meas Meth	Com
14	10.0	90.0		

Sur ace ement

OD Nom Max (in)	Top (ftKB)	Btm (ftKB)	Top Meas Meth	Com
9 5/8	10.0	1,007.0	Calculated	430 cft

P u ement

OD Nom Max (in)	Top (ftKB)	Btm (ftKB)	Top Meas Meth	Com
7	9.0	75.0	Tagged	23 cuft
7	75.0	870.0	Tagged	195 cuft
7	1,144.0	1,327.0	Tagged	44 cuft
7	1,327.0	1,521.0	Tagged	62 cuft
7	1,521.0	1,732.0	Tagged	343 cuft
7	1,732.0	2,173.0	Tagged	197 cuft

Product on ement

OD Nom Max (in)	Top (ftKB)	Btm (ftKB)	Top Meas Meth	Com
7	10.0	2,984.0	Visual	360 sks (Sqz'd 300 sks down annulus)

un P u ther n o e

Des	Top (ftKB)	Btm (ftKB)	OD (in)	Com
Mud Plug	870	1,144	7	15 bbls
Fish: 7" Baker 47B 'A3' Lok Set packer	2,287	2,291	7	
Fish: 3 short sinker bars				Sinker bars fell downhole, possibly exited parted csg @ 2324'

Per orat on

OD Nom Max (in)	Type	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Nom Hole Dia (in)	Phasing (°)
7	Squeeze Hole	200	200	8.0		
7	Perf'd	1498	2830	4.0		

one and Sand Mar er

Zone Name	Geological Marker	Zone Top MD (ftKB)
Top Injection Zone	TIZ	1,403.0
Vickers	Alpha	1,490.0
Vickers	A	1,550.0
Vickers	B	1,608.0
Vickers	C	1,650.0
Vickers	D	1,700.0
Vickers	D1	1,768.0
Vickers	E	1,822.0
Vickers	G	1,966.0
Vickers	G1	2,017.0
Vickers	H	2,070.0
Vickers	I	2,185.0
Vickers	K	2,280.0
Vickers	L	2,402.0
Vickers	M	2,538.0
Vickers	N	2,620.0
Vickers	O	2,710.0
Rindge	P	2,850.0

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Operator Plains Exploration and Production Company Field Inglewood County Los Angeles

Well BC 203 Sec. 17 T. 2S R. 14W SB B and M

A.P.I. No. 04037233830000 Name Gerry L. Cales (Person Submitting Report) Title Agent (President, Secretary, or Agent)

Date 08/28/2013 (Month Day Year) Signature Gerry L. Cales

Address 5640 South Fairfax Avenue Los Angeles, California 90056 Telephone Number 323-298-2226

History must be completed in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment, with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests, and initial production data.

Job Summary: Plug & Abandon Only

Date	ct t
07/12/2013	Checked well for pressure 0 psi on casing and tubing. MIRU tied the mast down. Pressure tested the 7" 26 lb. casing to 300 psi, OK. Removed flange and installed class II 3000 psi BOPE with rams for 2-7/8 tubing, functioned tested good. R/U workfloor and rigged for tbg. Closed well in until Monday am.
07/15/2013	Opened well. Released 7" 23 lb. Lok-Set packer at 973'. POOH, L/D 2-7/8" J-55 IC tubing and 7" 23 lb. Baker Lok-set packer. Released 7" 23 lb. Lok-set packer at 973'. POOH, L/D 2-7/8" J-55 IC tubing and 7" 23 lb. Baker Lok-set packer. RIH with 45-deg collar on 2-7/8" J-55 workstring and tagged at 1,157' (7" casing parted at 1,153') rigged up production swivel and mud pump established circulation and cleaned out to 1222'. Getting sand and formation solids back on the returns. Looks like we went outside the 7" 23 lb. casing. After many attempts trying to get inside the casing with no success, POOH. RIH 2-3/8 hydril workstring, and tagged fill at 1,215' outside 7" 23 lb. casing could not get inside 7" casing, pulled up to safety, closed well in until AM.
07/16/2013	Opened well. RIH with 2 3/8 J-55 A95 hydril to 1,204'. Turned hole over to clean water, taking returns to the return tank. Pumped 100 bbls. POOH with 2 3/8" J-55 A95 hydril tubing, RIH with 2 7/8" J-55 work string to 1,133'. RU Tiger wireline and EV downhole camera. RU Jim Welstead vacuum trucks and pumped clean fresh water. Discovered the casing parted at 1,151', the bottom half stub was at 1,157' and about a foot off to one side, and an apparent hole at 1,162. R/D Tiger wireline and EV downhole camera. R/D vacuum trucks. POOH with 2 7/8" J-55 work string and CWI. Pictures will be evaluated and a plan going forward formulated.
07/17/2013	Opened well. RIH 2-3/8" A-95 hydril from the derrick. POOH laying down all 2-3/8" A-95 hydril tubing. Picked up 7" 26 lb. scraper, RIH to 1,116' POOH and laid down 7" 23 lb. scraper. Picked up 7" 26 lb. Lok-set packer and set at 1,112', pressured up 7" 26 lb. casing to 1000 psi, tested good, released packer and POOH laid down Baker 7" 23 lb. Lok-Set pkr. PU 7" 26 lb. cement retainer, RIH and set at 1,005' R/U Baker Hughes cementers, and pumped 5 bbl fresh water lead, 53 bbls of 15.9 lb./gal. Class G cement with 4 gallons FP-6L additive below the cement retainer and 1 1/2 bbl on top of retainer, displaced 4.5 bbl of fresh water and POOH with stab in assembly and 2 7/8" N80 work string. Note: BOPE was inspected, placing and location of the cement from 1,000'- 2,360' was witness by Paul Kaufman DOGGR on 7/17/2013 at 3:30 PM. Variance of the cleanout depth to 2,360' was granted by Martin Wells, DOGGR on 7/17/2013 at 9:00 AM. An email was sent. Variance was granted for the running of a CBL from 934' to surface by Martin Wells on 7/17/2013 at 9:00 AM. We will perforate at 934', and set 100' linear foot of cement inside and outside the 7" 23 lb. casing.

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07/18/2013	Opened well. RIH with 2 7/8" N80 tubing, tag top of cement at 946'. Note that Paul Kaufman, DOGGR had given a waive time of 8 AM this morning, on 7/17/2013 at 5:00 pm. POOH with tubing. R/U Tiger wireline and perforated from 944'-946' with 4 SPF, 19 gram charged, 1/2" holes, 90 degree phasing, R/D Tiger wireline. Tried to pump into perfs, got 1,000 psi but no break down, holding pressure. R/U Tiger wireline and ran CBL from 946'-surface; discovered top of cement in the 7"26 lbx10 3/4" 40.5 lb. annulus was at 435'. Notified Grace Brandt, DOGGR, and was granted a variance to perforate at 340', established circulation and pumped cement from 946' to surface, including the 7"26 lbx10 3/4" 40.5 lb. annulus. R/U Tiger wireline perforated from 340'-342' with 4 SPF, 19 gram charged, 1/2" holes, 90 degree phasing, R/D Tiger wireline. Pumped into casing and got injection rate of 4 bbl/min with 100 psi with full returns. R/U Halliburton and pumped 5 bbl fresh water, 12 bbl 15.8 lb./gl class G cement neat, 3 bbl fresh water displacement, pulled 300' tubing and pumped 11 bbl 15.8 lb./gl class G cement neat, 2 bbl fresh water displacement, pulled tubing to 340', pumped 30 bbl 15.8 lb./gl class G cement neat taking full returns from the 7" x 10 3/4" annulus until cement came to surface in the 7" casing, closed pipe rams and continued to pump 20 bbl 15.8 lb./gl class G cement neat until the returns were of sufficient weight. POOH with 2 7/8" N80 tubing, L/D all tubing. Topped well off with cement to surface. Paul Kaufman, DOGGR witnessed the tag of top of cement at 946', the placing and location of cement to surface through perfs at 340' at 4:00 PM on 7/18/2013. CWI until AM.
07/19/2013	Tore out work floor and BOPE. Load out same. Load out Rig down clean location, haul off junk. Move off. Drove to BC-6533 and installed and function test BOPE.CWI No accidents no incidents no spills to report. **NAD83 coordinates: LAT 34.000322 LONG 118.363882**

D r na o e e ort	erator: P a n orat on Product on P :
n e ood F e d	T e: njector
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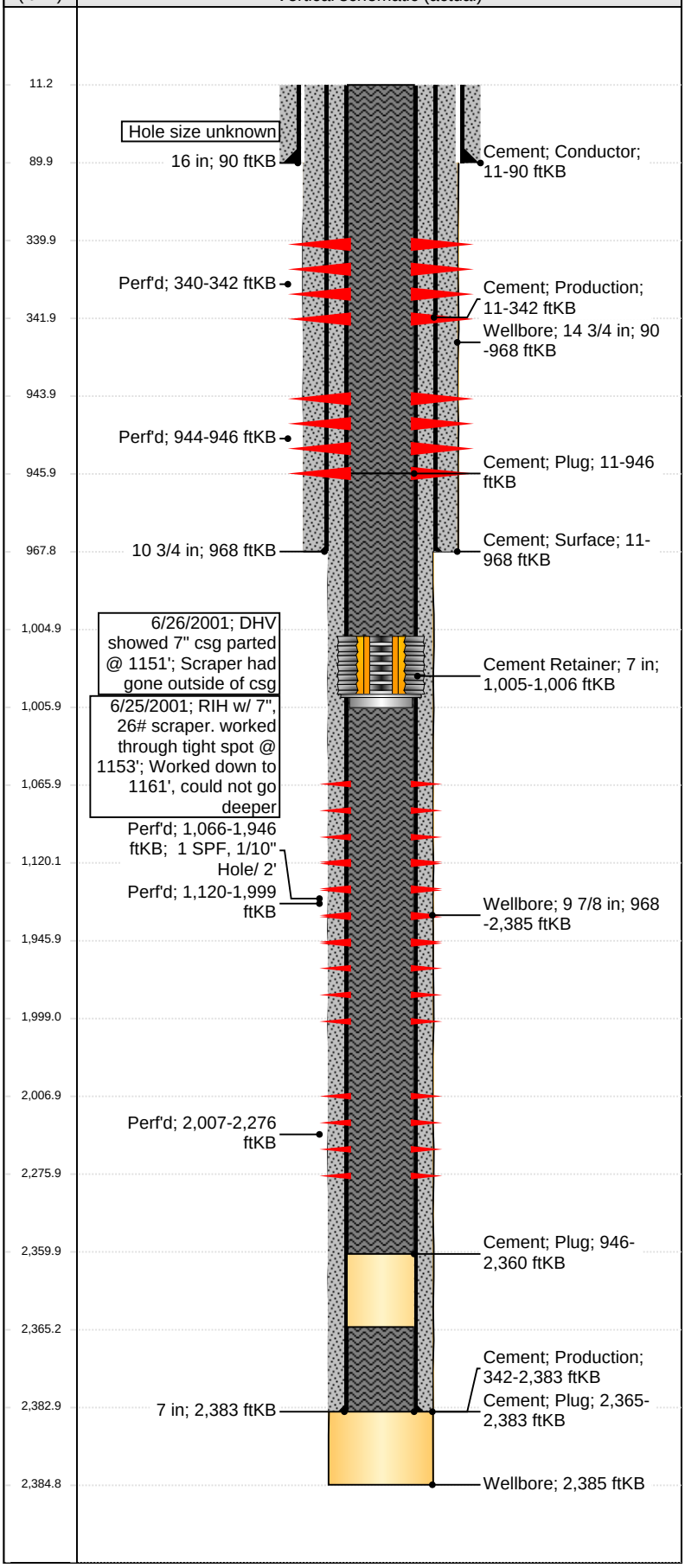
Directional - Original Hole, 8/27/2013 9:13:12 AM



P u ac Date

Date/Time

a n Str n

Csg Des	OD Nom Max (in)	Wt/Len (lb/ft)	Grade	Top (ftKB)	Set Depth (ftKB)
Conductor	16			11.0	90
Surface	10 3/4	40.50	K-55	11.0	968
Production	7	26.00	N-80	11.0	2,383

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onductor ement

OD Nom Max (in)	Top (ftKB)	Btm (ftKB)	Top Meas Meth	Com
16	11.0	90.0		Vol Unknown

Sur ace ement

OD Nom Max (in)	Top (ftKB)	Btm (ftKB)	Top Meas Meth	Com
10 3/4	11.0	968.0	Visual	816 cft (cmt rtns to surface)

Product on ement

OD Nom Max (in)	Top (ftKB)	Btm (ftKB)	Top Meas Meth	Com
7	11.0	342.0	Visual	See annulus P&A volumes
7	342.0	2,383.0		810 cft

P u ement

OD Nom Max (in)	Top (ftKB)	Btm (ftKB)	Top Meas Meth	Com
	11.0	946.0		P&A plug 73 bbls "G" cement
	946.0	2,360.0		P&A plug 54.5 bbls "G" cement

P u ement

OD Nom Max (in)	Top (ftKB)	Btm (ftKB)	Top Meas Meth	Com
	2,365.0	2,383.0	Tagged	

un P u ther n o e

Des	Top (ftKB)	Btm (ftKB)	OD (in)	Com
Cement Retainer	1,005	1,006	7	

Per orat on

OD Nom Max (in)	Type	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Nom Hole Dia (in)	Phasing (°)
7	Perf'd	340	342	4.0	0.500	90
7	Perf'd	944	946	4.0	0.500	90
7	Perf'd	1066	1946	1.0	0.100	
7	Perf'd	1120	1999	1.0	0.100	
7	Perf'd	2007	2276	2.0	0.100	

one and Sand Mar er

Zone Name	Geological Marker	Zone Top MD (ftKB)
Uppermost Hydrocarbon Zone	UHZ	680.0
Top Injection Zone	TIZ	946.0
Vickers	Alpha	1,059.0
Vickers	A	1,109.0
Vickers	B	1,175.0
Vickers	C	1,227.0
Vickers	D	1,270.0
Vickers	D1	1,338.0
Vickers	E	1,388.0
Vickers	G	1,613.0
Vickers	G1	1,678.0
Vickers	H	1,728.0
Vickers	I	1,802.0
Vickers	K	1,970.0
Vickers	L	2,072.0
Vickers	M	2,250.0

omment

Start Date	Type	Com
7/16/2013	Condition of Casing	Casing parted @ 1151', bottom half stub @ 1157' one foot off to one side, and hole @ 1162'

Perforations Report
BC 203 Original Hole

API/UWI Number: 04037233830000 **Operator:** Plains Exploration & Production

Date	Type	OD Nom Max (in)	Top (ftKB)	Btm (ftKB)	Shot Density (shots/ft)	Nom Hole…	Phasing (°)	Comment
7/18/2013	Perf'd	7	340	342	4.0	0.500	90	
7/18/2013	Perf'd	7	944	946	4.0	0.500	90	
5/4/1986	Perf'd	7	1066	1946	1.0	0.100		1 SPF, 1/10" Hole/ 2'

Date	Top (ftKB)	Btm (ftKB)	Status	Com
	1,066.0	1,108.0	Cemented	
	1,270.0	1,282.0	Cemented	
	1,286.0	1,326.0	Cemented	
	1,347.0	1,365.0	Cemented	
	1,816.0	1,824.0	Cemented	
	1,840.0	1,862.0	Cemented	
	1,885.0	1,897.0	Cemented	
	1,908.0	1,932.0	Cemented	
	1,938.0	1,946.0	Cemented	

Date	Type	OD Nom Max (in)	Top (ftKB)	Btm (ftKB)	Shot Density (shots/ft)	Nom Hole…	Phasing (°)	Comment
5/4/1986	Perf'd	7	1120	1999	1.0	0.100		

Date	Top (ftKB)	Btm (ftKB)	Status	Com
	1,120.0	1,144.0	Cemented	
	1,148.0	1,164.0	Cemented	
	1,176.0	1,208.0	Cemented	
	1,212.0	1,224.0	Cemented	
	1,242.0	1,250.0	Cemented	
	1,255.0	1,259.0	Cemented	
	1,389.0	1,393.0	Cemented	
	1,616.0	1,636.0	Cemented	
	1,644.0	1,656.0	Cemented	
	1,716.0	1,728.0	Cemented	
	1,733.0	1,773.0	Cemented	
	1,785.0	1,793.0	Cemented	
	1,977.0	1,985.0	Cemented	
	1,995.0	1,999.0	Cemented	

Date	Type	OD Nom Max (in)	Top (ftKB)	Btm (ftKB)	Shot Density (shots/ft)	Nom Hole…	Phasing (°)	Comment
5/4/1986	Perf'd	7	2007	2276	2.0	0.100		

Date	Top (ftKB)	Btm (ftKB)	Status	Com
	2,007.0	2,019.0	Cemented	
	2,042.0	2,057.0	Cemented	
	2,060.0	2,068.0	Cemented	
	2,094.0	2,134.0	Cemented	
	2,187.0	2,193.0	Cemented	
	2,220.0	2,224.0	Cemented	
	2,250.0	2,262.0	Cemented	
	2,272.0	2,276.0	Cemented	

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Well BC 303 Sec. 17 T. 2S R. 14W S.B. B and M

A.P.I. No. 04037233900000 Name Gerry L. Cales (Person Submitting Report) Title Agent (President, Secretary, or Agent)

Date 10/04/2013 (Month Day Year) Signature Gerry L. Cales

Address 5640 South Fairfax Avenue Los Angeles, California 90056 Telephone Number 323-298-2226

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Job Summary: Plug & Abandon Only

Date	ct t
08/02/2013	Held JSA meeting, and serviced rig and equipment. MIRU, tied down mast and unloaded equipment. 0 psi on casing and tubing, opened well. Unlanded tubing and laid down 6-900 flange. Installed class II BOPE and workfloor. Closed well in until am.
08/05/2013	Held JSA meeting, Serviced rig and equipment. 0 psi on casing and tubing. Opened well. POOH with 28 jts 2-7/8" killstring. P/U 7" 26 lb scraper and 2-7/8" workstring. RIH to 964'. POOH with tbg and L/D scraper. R/U Tiger wireline. Ran CBL from 900' to surface. Good cement behind csg. R/D Tiger. Assisted SOS spotting mud pump. RIH open ended with 2-7/8" workstring, tagged at 980'. R/U mud pump and production swivel, established circulation. Cleaned out formation to 1113'. Circulated well clean, pulled tbg tail above parted csg. Closed well in for pm.
08/06/2013	Held JSA meeting, serviced rig and equipment. 0 psi on casing and tubing, opened well. RIH with 7" 26 lb fullbore to 945'. Established breakdown of 4 bpm at 230 psi. Tested casing and found hole between 928' and 898'. Set fullbore back at 945'. Held 480 psi on casing, established breakdown pumping down tbg of 4 bpm at 230 psi. Released fullbore and POOH, L/D fullbore. RIH with 7" 26 lb cement retainer, set at 945'. R/U Halliburton, held 480 psi on casing, mixed and squeezed 337 cf (291sx-60 bbls) class G cement through retainer. Unstabbed and balanced 281 cf (242sx-50 bbls) of class G cement from 945' to surface. R/D Halliburton. POOH laying down tbg. Secured rig and well.
08/07/2013	Held JSA meeting, serviced rig and equipment. 0 psi on casing, opened well. RIH with tbg, tagged at 108'. Tagged and BOPE inspection witnessed by DOGGR Max Chavez. R/U Halliburton cement trucks with tbg tail at 108', mixed and pumped 23 cf (4bbls-20sx) class G cement from 108' to surface. POOH with tbg. R/D Halliburton. Surface plug witnessed by DOGGR Max Chavez. N/D BOPE and workfloor. Loaded tools and equipment, cleaned location, untied mast and RDMO. **NAD83 coordinates: LAT 33.99884218 / LONG 118.3626243**

D r na o e e ort	erator: P a n orat on Product on P :
n e ood F e d	T e: njector
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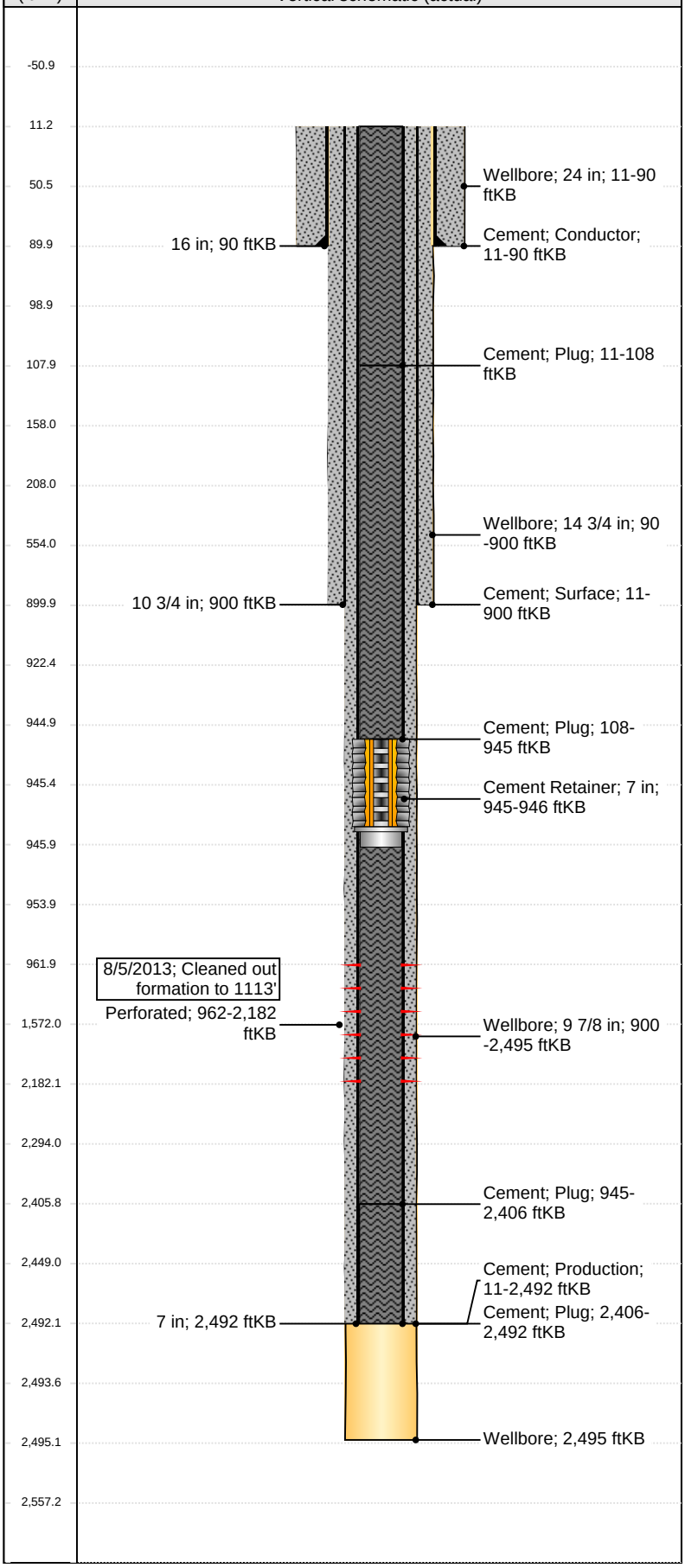
Directional - Original Hole, 9/30/2013 12:46:06 PM



P u ac Date

Date/Time

a n Str n

Csg Des	OD Nom Max (in)	Wt/Len (lb/ft)	Grade	Top (ftKB)	Set Depth (ftKB)
Conductor	16			11.0	90
Surface	10 3/4	40.50	K-55	11.0	900
Production	7	26.00	N-80	11.0	2,492

ement ecord

onductor ement

OD Nom Max (in)	Top (ftKB)	Btm (ftKB)	Top Meas Meth	Com
16	11.0	90.0	Visual	

Sur ace ement

OD Nom Max (in)	Top (ftKB)	Btm (ftKB)	Top Meas Meth	Com
10 3/4	11.0	900.0	Visual	772 cft. cement

Product on ement

OD Nom Max (in)	Top (ftKB)	Btm (ftKB)	Top Meas Meth	Com
7	11.0	2,492.0	Cement Bond Log	818 cft. cement

P u ement

OD Nom Max (in)	Top (ftKB)	Btm (ftKB)	Top Meas Meth	Com
7	11.0	108.0	Visual	23 cft, 4 bbls, 20 sks "G" cement
7	108.0	945.0	Tagged	281 cft, 242 sks, 50 bbls "G" cement
7	945.0	2,406.0	Calculated	337 cft, 291 sks, 60 bbls "G" cement

P u ement

OD Nom Max (in)	Top (ftKB)	Btm (ftKB)	Top Meas Meth	Com
7	2,406.0	2,492.0	Tagged	

un P u ther n o e

Des	Top (ftKB)	Btm (ftKB)	OD (in)	Com
Cement Retainer	945	946	7	

Per orat on

OD Nom Max (in)	Type	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Nom Hole Dia (in)	Phasing (°)
7	Perforated	962	2182	0.5	0.100	

one and Sand Mar er

Zone Name	Geological Marker	Zone Top MD (ftKB)
Top Injection Zone	T_IZ	808.0
Vickers	Alpha	946.0
Vickers	A	1,050.0
Vickers	B	1,106.0
Vickers	C	1,164.0
Vickers	D	1,208.0
Vickers	E	1,324.0
Vickers	G	1,513.0
Vickers	G1	1,590.0
Vickers	H	1,642.0
Vickers	I	1,728.0
Vickers	K	1,892.0
Vickers	L	1,996.0
Vickers	M	2,166.0
Vickers	N	2,240.0
Vickers	O	2,374.0

omment

Start Date	Type	Com
8/6/2013	Condition of Casing	Found hole between 898'-928'
12/10/2012	Condition of Casing	Parted casing at 964'. Bad spots found at 966' and 978'.

Per orat on e ort
r na o e

P umber: 04037233900000 **erator:** Plains Exploration & Production

Date	Type	OD Nom Max (in)	Top (ftKB)	Btm (ftKB)	Shot Density (shots/ft)	Nom Hole...	Phasing (°)	Comment
	Perforated	7	962	2182	0.5	0.100		

Date	Top (ftKB)	Btm (ftKB)	Status	Com
	962.0	1,008.0	HP/2FT	
	1,024.0	1,038.0	HP/2FT	
	1,060.0	1,074.0	HP/2FT	
	1,080.0	1,092.0	HP/2FT	
	1,106.0	1,150.0	HP/2FT	
	1,170.0	1,188.0	HP/2FT	
	1,208.0	1,258.0	HP/2FT	
	1,274.0	1,280.0	HP/2FT	
	1,296.0	1,304.0	HP/2FT	
	1,326.0	1,342.0	2 HPF	
	1,418.0	1,444.0	2 HPF	
	1,482.0	1,488.0	2 HPF	
	1,514.0	1,556.0	1 HPF	
	1,576.0	1,584.0	1 HPF	
	1,592.0	1,634.0	1 HPF	
	1,644.0	1,692.0	1 HPF	
	1,712.0	1,722.0	1 HPF	
	1,730.0	1,756.0	1 HPF	
	1,762.0	1,890.0	1 HPF	
	1,902.0	1,914.0	1 HPF	
	1,920.0	1,946.0	1 HPF	
	1,966.0	1,990.0	1 HPF	
	2,008.0	2,044.0	HP/2FT	
	2,102.0	2,112.0	HP/2FT	
	2,118.0	2,126.0	HP/2FT	
	2,168.0	2,182.0	2 HPF	

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

ST F S

Operator Plains Exploration & Production Company Field Inglewood County Los Angeles

Well Stocker 504 Sec. 16 T. 2S R. 14W SB B and M

A.P.I. No. 04037234080000 Name Gerry L. Cales (Person Submitting Report) Title Agent (President, Secretary, or Agent)

Date 10/14/2013 (Month Day Year) Signature Gerry L. Cales

Address 5640 South Fairfax Avenue Los Angeles, California 90056 Telephone Number 323-298-2226

History must be completed in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment, with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests, and initial production data.

Job Summary: Plug & Abandon Only

Date	ct t
08/20/2013	Moved in equipment. Had permit & Dig alert signed off. Sank Marsh anchors, Rigged up & tied down rig. Nippled down well head & nippled up BOPE. Function tested BOPE & put up work floor. BOP inspection was deferred by Zaheed Amilhussin DOGGR @ 10:00 A.M. Worked w/ S.O.S. stinger to move in & rack 2-7/8" N-80 work string. Moved in Excalibur mud pump & rigged to circulate well clean. Opened well & POOH w/ 16 jts of 2-7/8" I.C. tbg. (Kill String). Measured & picked up work string. Tagged fill @ 1225'. Picked up production swivel & circulated fill out of hole from 1225' to 1255'. Getting back fine sand & large pieces of cement. Cement kept plugging off Kelly. Pulled tbg up to safe spot. Secured well for P.M.
08/21/2013	Opened well & RIH w/ 2-7/8" tbg. Tagged fill @ 1245'. Hooked up mud pump to clean out well. Started to reverse circulate well @ 1245'. Fill started coming in. Lost 120' of hole, New clean out depth is 1125'. Continued to circulate out fill form 1125' to 1245' Getting back large pieces of cement, Fine sand, & Gravel. Unable to get any deeper. Let well circulate clean & POOH w/ 2-7/8" Tbg. MU RIH W/ Weatherford 7" 26# Scraper on 2-7/8" W.S Scraper stopped @ 1173'. Unable to work any deeper. (Possible parted casing) POOH w/ tbg. L/D Scraper. MU RIH W/ 2 7/8" 45* on 2-7/8" W.S Tag @ 1183'. Pulled tbg. To safe location & Secured well. No Incidents, No Accidents, & No Spills to report.
08/22/2013	Found well had 20 psi on casing, Bled down well to mud pump. Opened well & RIH w/ 2-7/8" tbg. Tagged fill @ 1173'. POOH w/ tbg. Made up Weatherford 7" Full bore pkr. & RIH w/ 2-7/8" tbg. Set pkr. @ 1170' Pressure tested casing from 1170' to surface at 430 PSI. Held solid. Tried to pump down tbg. To establish pump rate. Well pressured up & would not take any fluid. Released Packer & POOH w/ tbg. Laid down packer. Cleaned location & Serviced equipment while waiting on drill collars. Picked up (2) 4-3/4" Drill collars w/ 6-1/8" Bit. RIH w/ 2-7/8" N-80 work string. Tagged fill @ 1170'. Picked up JMP Power swivel & Cleaned out Fill form 1170' to 1254'. Getting returns of cement, & Sand. Let well circulate clean. Pull above perfs. Secured well for p.m. No Incidents, No Accidents, & No Spills to report.
08/23/2013	Found well had 20 PSI on casing, Bled down well to mud pump. Opened well & RIH w/ 2-7/8" tbg tagged fill @ 1225'. Continued to circulate out fill to 1254'. Tried to establish pump rate. Only getting out 0.80 bbls. Per min. w/ 400 PSI. POOH w/ tbg. & stood back 4-3/4" drill collars & 6-1/8" bit. Made up 45 on bottom of 2-7/8" tbg. RIH & tagged fill @ 1229'. Lost 25' of hole. Started to reverse circulate & tbg plugged off. POOH w/ tbg. Made up Weatherford 7" Retrievable bridge plug & RIH w/ 2-7/8" tbg. Set plug @ 1170' & POOH w/ tbg. R/U Tiger wire line & Ran CBL from 1170' to surface. R/O Tiger wire line. RIH w/ 2-7/8" tbg & retrieved 7" B.P. POOH w/ tbg. & Laid down plug. RIH w/ 10 jts. 2-7/8" for kill string & secured well for p.m.

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
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ST F S

Operator Plains Exploration & Production Company Field Inglewood County Los Angeles

Well Stocker 504 Sec. 16 T. 2S R. 14W SB B and M

08/26/2013	Found that well had 40 PSI on casing & tbg. Bled down well to frac-tank & opened well. RIH w/ 6 1/8" bit on (2) 4 1/2" DC's on 2 7/8" W.S. Tagged fill @ 1182'. Previous clean out depth was 1256' = 74' of new fill. Made up power swivel & Drilled out fill from 1182' to 1230' Getting back sand & cement in the returns. Fill started to run in. Lost circulation. Pulled tbg. Collars & bit up to 1100'. Reverse circulated into Frac-Tank to clear tbg. Established good circulation. RIH w/ tbg. Tagged fill @ 1195'. Pulled tbg up to 1100'. Cleaned out mud pump. Filled w/ 20 bbls fresh water. Pumped 20bbls fresh water spacer down tbg. Filled pump w/ 100 bbls. 9.7lbs drill mud. Changed well over to Sinclair 9.7 lb. P&A mud. Pulled tbg to 800'. Secured well.
08/27/2013	Well had 0 pressure on casing or tbg. Opened well RIH with 6 1/8" bit on (2) 3 1/2" DC's and 2 7/8" W/S. Tagged fill @1180'. Drilled out fill from 1180' to 1279' with sand and cement in returns. Started to lose 9.7 lb. drill mud at a rate of 2 bbls. per. min. Let well circulate clean, POOH w/ tbg & collars. M/U RIH with Weatherford 7" cement retainer on 2-7/8" W/S. Retainer stopped @ 1108' unable to go deeper. Consult w/ FMI manager Mike Fernandez, O.K. to proceed. Set retainer @ 1108'. R/U Halliburton, Pumped 335 cu /ft. (289 sxs) 15.8 lb. Class G cement through retainer for 59.7 bbls slurry pumped @3 bpm max press of 145 psi. Displaced tbg w/ 6 bbls fresh water. Zaheed Amilhussin from DOGGR inspected BOPE and witnessed squeeze. Un-stab from retainer. In 2 stages from 1108' to 500' inside 7" csg. Pumped 129 cu/ft. (112 sxs) 15.8 lb. Class G cement for 23 bbls slurry pumped @2 bpm 40 PSI. ETOC is 500'.Displaced tbg. w/ 7 bbls fresh water. POOH lay down running tool. R/O Halliburton, Secured well and location.
08/28/2013	Had 0 pressure on well. Opened well & RIH w/ 2-7/8" work string. Tagged top of cement @ 556', POOH w/ tubing & laid down extra tbg. & 4-3/4" drill collars. Loaded out power swivel & cleaned out mud pump. R/U tiger wireline. shot 4 SPF 19 gram 1/2" holes in 7" csg from 100' to 98'. R/D Tiger. RIH w/ 2-7/8" tbg. With tbg tail @553'. Halliburton pumped 122 cu/ft. (106sx) 15.8 lb. Class G Cement from 556' to surface, for 22 bbls slurry pumped @2BPM 60 psi. POOH laying down W/S. Pumped 2.7 BBLS slurry to fill hole. Close in Blind Rams. Down squeezed. 60 BBLS Slurry @430 psi (frac gradient). Bled off pressure. Washout lines and BOPE. Closed in Blind rams down squeezed 80 fresh water SICP @430 psi putting ETOC @surface. R/D Halliburton. Secured well. Cleaned location, Installed BOPE on STK 6874 for USIT log.
08/29/2013	Opened well & Tagged T.O.C. @ 23'. ETOC Surface = 23' low. Nipple down B.O.P.E. RIH w/ 22' of 2-7/8" subs. R/U Halliburton, Halliburton pumped 12 cu ft. (10 sxs) 15.8 lb. Class "G" cement for 2.2 bbls slurry pumped from 23' to surface. R/D Halliburton & Laid down pup jts. Flanged up well head, Loaded out equipment, Cleaned location, R.D.M.O. No Incidents, No Accidents, & No Spills to report. **NAD83 coordinates: LAT 33.994460 / LONG 118.3593732**

D r na o e e ort Stoc er n e ood F e d Mod ed b : j o um	erator: P a n orat on Product on P : T e: njector om Date: P Date: F : t : t Datum: t TD: t

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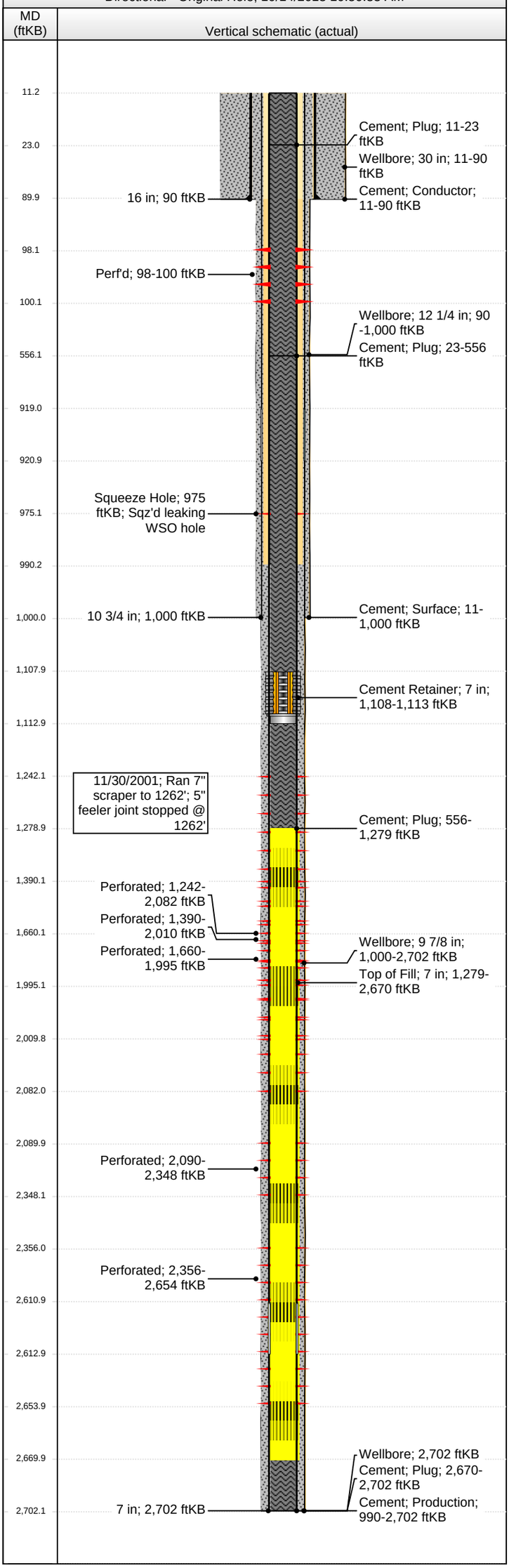

P u ac Date

Date/Time

a n Str n

Csg Des	OD Nom Max (in)	Wt/Len (lb/ft)	Grade	Top (ftKB)	Set Depth (ftKB)
Conductor	16			11.0	90
Surface	10 3/4	40.50	K-55	11.0	1,000
Production	7	26.00	K-55	11.0	2,702

ement ecord

onductor ement

OD Nom Max (in)	Top (ftKB)	Btm (ftKB)	Top Meas Meth	Com
16	11.0	90.0	Visual	

Sur ace ement

OD Nom Max (in)	Top (ftKB)	Btm (ftKB)	Top Meas Meth	Com
10 3/4	11.0	1,000.0	Calculated	

Product on ement

OD Nom Max (in)	Top (ftKB)	Btm (ftKB)	Top Meas Meth	Com
7	990.0	2,702.0	Cement Bond Log	

P u ement

OD Nom Max (in)	Top (ftKB)	Btm (ftKB)	Top Meas Meth	Com
7	2,670.0	2,702.0	Tagged	

P u ement

OD Nom Max (in)	Top (ftKB)	Btm (ftKB)	Top Meas Meth	Com
7	11.0	23.0	Visual	12 cft, 10 sks, 2.2 bbls "G" cement
7	23.0	556.0	Tagged	122 cft, 106 sks, 22 bbls "G" cement + 2.7 bbls + 60 bbls
7	556.0	1,279.0	Tagged	335 cft, 289 sks, 59.7 bbls + 129 cft, 112 sks, 23 bbls "G" cement

un P u ther n o e

Des	Top (ftKB)	Btm (ftKB)	OD (in)	Com
Cement Retainer	1,108	1,113	7	
Top of Fill	1,279	2,670	7	

Per orat on

OD Nom Max (in)	Type	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Nom Hole Dia (in)	Phasing (°)
7	Perf'd	98	100	4.0	0.500	
7	Squeeze Hole	975	975	4.0	0.500	
7	Perforated	1242	2082	0.3	0.100	
7	Perforated	1390	2010	4.0	0.100	
7	Perforated	1660	1995	0.4	4.500	
7	Perforated	2090	2348	4.0	0.250	
7	Perforated	2356	2654	1.0	0.100	

one and Sand Mar er

Zone Name	Geological Marker	Zone Top MD (ftKB)
Upper Hydrocarbon Zone	UHZ	600.0
Top of Injection	TIZ	1,108.0
Vickers	Alpha	1,120.0
Vickers	A	1,186.0
Vickers	B	1,224.0
Vickers	D	1,266.0
Vickers	D1	1,314.0
Vickers	E	1,362.0
Vickers	G	1,574.0
Vickers	G1	1,646.0
Vickers	H	1,688.0
Vickers	I	1,775.0
Vickers	K	1,912.0
Vickers	L	2,014.0
Vickers	M	2,166.0
Vickers	N	2,242.0
Vickers	O	2,368.0
Rindge	P	2,536.0
Rindge	R	2,638.0

omment

Start Date	Type	Com
7/1/2001	Condition of Casing	Worked 5-11/16" swedge from 246'-1276': worked 5-1/2" swedge from 1246'-1255'; 5" swedge stopped @ 2285'; 5-1/2" swedge stopped @ 1832'.
5/1/1997	Condition of Casing	Per DHV on 5/28 & 5/6/97: Hole @ 1730'; Cross-flow @ 1735'-42'; Split casing @ 1818'-20'; Dogleg @ 1818'-58'; Dogleg @2242'-46'; Collapsed casing @ 2257'-64'; Possible split @ 2265'; Dogleg @ 2370'-74'. Encountered several bad spots between 1522'-1942'

Per orat on e ort
Stoc er r na o e

P umber: 04037234080000 **erator:** Plains Exploration & Production

Date	Type	OD Nom Max (in)	Top (ftKB)	Btm (ftKB)	Shot Density (shots/ft)	Nom Hole...	Phasing (°)	Comment
8/28/2013	Perf'd	7	98	100	4.0	0.500		
	Squeeze Hole	7	975	975	4.0	0.500		Sqz'd leaking WSO hole
	Perforated	7	1242	2082	0.3	0.100		

Date	Top (ftKB)	Btm (ftKB)	Status	Com
	1,242.0	1,290.0		
	2,030.0	2,058.0		
	2,072.0	2,082.0		

Date	Type	OD Nom Max (in)	Top (ftKB)	Btm (ftKB)	Shot Density (shots/ft)	Nom Hole...	Phasing (°)	Comment
	Perforated	7	1390	2010	4.0	0.100		

Date	Top (ftKB)	Btm (ftKB)	Status	Com
	1,390.0	1,400.0		
	1,428.0	1,450.0		
	1,500.0	1,508.0		
	1,536.0	1,546.0		
	1,574.0	1,600.0		
	1,606.0	1,618.0		
	1,636.0	1,682.0		
	1,692.0	1,756.0		
	1,764.0	1,770.0		
	1,782.0	1,800.0		
	1,814.0	1,912.0		
	1,928.0	1,968.0		
	1,976.0	2,010.0		

Date	Type	OD Nom Max (in)	Top (ftKB)	Btm (ftKB)	Shot Density (shots/ft)	Nom Hole...	Phasing (°)	Comment
	Perforated	7	1660	1995	0.4	4.500		

Date	Top (ftKB)	Btm (ftKB)	Status	Com
	1,660.0	1,670.0		
	1,700.0	1,720.0		
	1,815.0	1,825.0		
	1,860.0	1,900.0		
	1,985.0	1,995.0		

Date	Type	OD Nom Max (in)	Top (ftKB)	Btm (ftKB)	Shot Density (shots/ft)	Nom Hole...	Phasing (°)	Comment
	Perforated	7	2090	2348	4.0	0.250		

Date	Top (ftKB)	Btm (ftKB)	Status	Com
	2,090.0	2,098.0		
	2,112.0	2,134.0		
	2,168.0	2,194.0		
	2,246.0	2,304.0		
	2,312.0	2,348.0		

Date	Type	OD Nom Max (in)	Top (ftKB)	Btm (ftKB)	Shot Density (shots/ft)	Nom Hole...	Phasing (°)	Comment
	Perforated	7	2356	2654	1.0	0.100		

Date	Top (ftKB)	Btm (ftKB)	Status	Com
	2,356.0	2,390.0		
	2,442.0	2,476.0		
	2,492.0	2,532.0		
	2,578.0	2,592.0		
	2,638.0	2,654.0		