

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

OCT 25 2013

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Farmington Field Office

5. Lease Serial No.
NMNM113426

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		Indian, Allottee or Tribe Name	
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____		7. Unit or CA Agreement Name and No.	
2. Name of Operator HPOC, LLC		Contact: BUTCH BUTLER E-Mail: bbutler@highplainsop.com	
3. Address P.O. BOX 5046 BUENA VISTA, CO 81211		3a. Phone No. (include area code) Ph: 719-395-8059	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NESW 2621FSL 2360FWL 36.949160 N Lat, 107.372000 W Lon At top prod interval reported below NESW 2621FSL 2360FWL 36.949160 N Lat, 107.372000 W Lon At total depth NESW 2621FSL 2360FWL 36.949160 N Lat, 107.372000 W Lon		8. Lease Name and Well No. OJO ENCINO 21 FEDERAL DWS 2	
14. Date Spudded 09/30/2012		15. Date T.D. Reached 10/07/2012	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 09/12/2013		9. API Well No. 30-031-21111-00-S1	
18. Total Depth: MD 6232 TVD 6232		19. Plug Back T.D.: MD 6173 TVD 6173	
20. Depth Bridge Plug Set: MD TVD		10. Field and Pool, or Exploratory OJO UNKNOWN	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) INDUCTION&DENSI NEUTRON;CBL		11. Sec, T., R., M., or Block and Survey or Area Sec 21 T20N R5W Mer NMP	
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)		12. County or Parish MCKINLEY	
23. Casing and Liner Record (Report all strings set in well)		13. State NM	
17. Elevations (DF, KB, RT, GL)* 6802 KB			

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	9.625 J-55	36.0	12	394		160	40	12	17
8.750	7.000 J-55	23.0	12	6217	3369	760	245	12	20

RCVD OCT 29 13
OIL CONS. DIV.
DIST. 3

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	2010		2.875	5919	5902			

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) ENTRADA	5908	5912	5881 TO 5894	0.430	24	OIL COMPLETION
B)			5908 TO 5912	0.430	24	WATER SINK COMPLETION
C)						
D)						

Depth Interval	Amount and Type of Material

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
09/13/2013	09/13/2013	24	→	47.0	0.0	83.0	35.1		ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
NONE	SI 0	0.0	→	47	0	83	0	POW	

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
09/13/2013	09/13/2013	24	→	0.0	0.0	1386.0			ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
NONE	SI 0	0.0	→	0	0	1386		POW	

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #224113 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

ACCEPTED FOR RECORD

OCT 28 2013

NMOC

FARMINGTON FIELD OFFICE
BY TL Sa

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

29. Disposition of Gas(Sold, used for fuel, vented, etc.)
NO MEASURABLE GAS

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				CLIFF HOUSE	883
				POINT LOOKOUT	2762
				MANCOS	2888
				GREENHORN	4727
				MORRISON	5107
				TODILTO	5878
				ENTRADA	5886
				CHINLE	6108

32. Additional remarks (include plugging procedure):

ALL DEPTHS, INCLUDING CSG TOP & CEMENT TOP, ARE RELATIVE TO KB, WHICH IS 12' ABOVE GL.
THE ENTRIES IN THE CSG AMOUNT PULLED FIELD ARE BBLs OF CEMENT RETURNED TO SURFACE.

This well is a dual completion. See PDF with as drilled & completed wellbore diagram.
This is HPOC's first Downhole Water Sink (DWS) completion in the Entrada formation. We are testing to see if a pressure sink created at the oil/transition zone contact will prevent coning in the upper oil completion.

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7. Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #224113 Verified by the BLM Well Information System.
For HPOC, LLC, sent to the Farmington
Committed to AFMSS for processing by TROY SALYERS on 10/28/2013 (14TLS0248SE)

Name (please print) BUTCH BUTLER

Title MANAGER

Signature (Electronic Submission)

Date 10/23/2013

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

Additional data for transaction #224113 that would not fit on the form

32. Additional remarks, continued

The upper oil completion is being produced by sucker rod lift. The lower, water sink completion is being produced with an electric submersible pump.

Wireline logs have been submitted.