

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OIL CONS. DIV DIST. 3

JUL 03 2014

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM99705

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
EAGLE SPRINGS 8 FEDERAL 2M

9. API Well No.
30-043-20950

10. Field and Pool, or Exploratory
ARENA BLANCA ENTRADA SE

11. Sec., T., R., M., or Block and Survey
or Area Sec 8 T19N R04W Mer NMP

12. County or Parish
SANDOVAL

13. State
NM

17. Elevations (DF, KB, RT, GL)*
6732 KB

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☒ No ☐ Yes (Submit analysis)

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☐ New Well ☒ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

2. Name of Operator
HPOC, LLC

Contact: BUTCH BUTLER
E-Mail: bbutler@highplainsop.com

3. Address PO 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 NWNE 330FNL 2275FWL 35.898269 N Lat, 107.281021 W Lon
At top prod interval reported below NWNE 330FNL 2275FWL 35.898269 N Lat, 107.281021 W Lon
At total depth NWNE 330FNL 2275FWL 35.898269 N Lat, 107.281021 W Lon

14. Date Spudded
02/05/2013

15. Date T.D. Reached
02/05/2013

16. Date Completed
☐ D & A ☒ Ready to Prod.
01/10/2014

18. Total Depth: MD 5715
TVD 5715

19. Plug Back T.D.: MD 5715
TVD 5715

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
ARRAY COMPENSATED RESISTIVITY, NEUTRON-DENSITY

23. Casing and Liner Record (Report all strings set in well)

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	0	353		250		0	
8.750	7.000 J-55	23.0	0	3850	3215	355		1400	
6.250	4.500 J-55	10.5	3080	5525		360		3080	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	3000		2.375	5607	5575	2.375	5607	5588

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) ENTRADA OIL	5555	5575				
B) ENTRADA WATER	5583	5588				
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material

28. Production - Interval A

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	
			→						

28a. Production - Interval B

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	
			→						

ACCEPTED FOR RECORD

JUL 01 2014

FARMINGTON FIELD OFFICE

BY:

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

ELECTRONIC SUBMISSION #251042 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

NMOCDA

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. St	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. St	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.)
UNKNOWN

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
ENTRADA	5555	5575	ENTRADA OIL	TODILTO	5530
ENTRADA	5575	5584	ENTRADA TRANSITION	ENTRADA	5555
ENTRADA	5584	5715	ENTRADA WET		

32. Additional remarks (include plugging procedure):

A Sundry Notice was filed when this well was deepened further into the Entrada in February of 2013.

Since this completion was executed in January of 2014, the well has been shut-in waiting on disposal capacity. There has been no production testing of this well to date. HPOC is planning stimulation of its Eagle Springs 9 Federal #1 well, which is our water disposal well in this pool. Once injection capacity is achieved, HPOC will report production tests via Sundry Notice.

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 #251042 Verified by the BLM Well Information System.
For HPOC, LLC, sent to the Rio Puerco
Committed to AFMSS for processing by JIM LOVATO on 07/01/2014 ()

Name (please print) BUTCH BUTLER

Title MANAGER

Signature (Electronic Submission)

Date 06/26/2014

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.

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Additional data for transaction #251042 that would not fit on the form

32. Additional remarks, continued

This well has a dual completion, with an oil zone at the top of the Entrada formation and water sink zone below. Approximately 10 times the fluid volume will be moved from the water sink versus the oil side of this completion. In theory, this will create a pressure sink below and prevent water coning into the oil zone. See attached PDF with as drilled well-bore diagram.

Halliburton openhole logs from the deepening of the well in 2013 have already been submitted. Based on recent tubing tallies and GR-CCL log runs, depths on these logs need to be shifted down 11 feet. Tops/depths in this completion report have this 11' shift applied.