

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NMOCD
Hobbs
HOBBS OCD
AUG 14 2017
RECEIVED

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NMLC061842

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. FLAT HEAD FEDERAL COM 27H

9. API Well No. 30-025-43147-00-S1

10. Field and Pool, or Exploratory MALJAMAR-YESO, WEST

11. Sec., T., R., M., or Block and Survey or Area Sec 14 T17S R32E Mer NMP

12. County or Parish LEA

13. State NM

14. Date Spudded 12/06/2016

15. Date T.D. Reached 12/22/2016

16. Date Completed D & A Ready to Prod. 04/06/2017

17. Elevations (DF, KB, RT, GL)* 4100 GL

18. Total Depth: MD 12434 TVD 6556

19. Plug Back T.D.: MD 12366 TVD 6556

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CN

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

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J-55	54.5	0	1173		750		0	
12.250	9.625 J-55	40.0	0	2819		850		0	
8.750	7.000 L-80	29.0	0	5881				0	
8.750	5.000 L-80	17.0	5881	12434		2650		5881	

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	6748							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	6784	12346	6784 TO 12346	0.000	1260	OPEN
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
6784 TO 12346	ACIDIZE W/ 139,104 15% ACID, FRAC W/ 476,700 GALS TREATED WATER, 11,350,332 GALS SLICK WATER,

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
04/06/2017	04/22/2017	24	▶	288.0	206.0	3000.0	42.0	0.60	ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI		70.0	▶	288	206	3000	715	POW	

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	
SI			▶						

ACCEPTED FOR RECORD
(DAVID R. GLASS)

JUL 26 2017

DAVID R. GLASS

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #374708 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

RECLAMATION DUE:
OCT 06 2017

K3

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.)
SOLD

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
RUSTLER	1071	1131	ANHYDRITE	RUSTLER	1071
SALADO	1131	1975	SALT	QUEEN	3388
QUEEN	3388	3928	SANDSTONE	GRAYBURG	3928
GRAYBURG	3928	4145	DOLOMITE & ANHYDRITE	SAN ANDRES	4145
SAN ANDRES	4145	5590	DOLOMITE & ANHYDRITE	PADDOCK	5590
PADDOCK	5590	6085	DOLOMITE	BLINEBRY	6052
BLINEBRY	6052	6784	DOLOMITE		
YESO	6784	12346			

32. Additional remarks (include plugging procedure):
Logs will be submitted in WIS.

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 #374708 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Hobbs
Committed to AFMSS for processing by DUNCAN WHITLOCK on 05/04/2017 (17DW0057SE)

Name (please print) KANICIA CASTILLO Title PREPARER

Signature _____ (Electronic Submission) Date 05/02/2017

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 ****