

JUN 25 2015
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Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NMLC028731A

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No. NMNM111789X

8. Lease Name and Well No. DODD FEDERAL UNIT 670

9. API Well No. 30-015-41302

10. Field and Pool, or Exploratory DODD;GLORIETA-UPPER YESO

11. Sec., T., R., M., or Block and Survey or Area Sec 15 T17S R29E Mer NMP

12. County or Parish EDDY

13. State NM

14. Date Spudded 12/17/2014

15. Date T.D. Reached 12/21/2014

16. Date Completed D & A Ready to Prod. 01/07/2015

17. Elevations (DF, KB, RT, GL)* 3611 GL

18. Total Depth: MD 4570 TVD 4570

19. Plug Back T.D.: MD 4503 TVD 4503

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUTRON CCL/HNGS

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H40	54.5		272		400			
11.000	8.625 J55	24.0		987		450			
7.875	5.500 J55	17.0		4570		900			

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		4425						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	4068	4358	4068 TO 4358	0.410	52	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
4068 TO 4358	ACIDIZE W/1031 GALS 15% ACID.
4068 TO 4358	FRAC.W/51,104 GALS GEL, 46,545# 16/30 BRADY, 15,209# 16/30 SLC.

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
01/12/2015	01/19/2015	24	→	88.0	178.0	122.0	40.1	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→	88	178	122	2022	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	
			→						

ACCEPTED FOR RECORD

JUN 18 2015

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

Handwritten signature

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #290233 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
Reclamation ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

Reclamation
Date: 7/19/15

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
TANSILL	858		LIMESTONE & DOLOMITE	TANSILL	858
YATES	966		SANDSTONE	YATES	966
QUEEN	1852		SANDSTONE & DOLOMITE	QUEEN	1852
GRAYBURG	2250		SANDSTONE & DOLOMITE	GRAYBURG	2250
GLORIETA	3970		SANDSTONE	GLORIETA	3970
PADDOCK	4032			PADDOCK	4032

32. Additional remarks (include plugging procedure):
Will mail log.

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 #290233 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH HAM on 06/11/2015 ()**

Name (please print) CHASITY JACKSON Title PREPARER

Signature (Electronic Submission) Date 02/02/2015

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.