

NM OIL CONSERVATION
ARTESIA DISTRICT

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

RECEIVED

5. Lease Serial No. NMLC028784A

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No. NMNM88525X

8. Lease Name and Well No. BURCH KEELY UNIT 900

9. API Well No. 30-015-40885

10. Field and Pool, or Exploratory BURCH KEELY

11. Sec., T., R., M. or Block and Survey or Area Sec 23 T17S R29E Mer NMP

12. County or Parish EDDY 13. State NM

17. Elevations (DF, KB, RT, GL)* 3591 GL

14. Date Spudded 09/15/2014 15. Date T.D. Reached 09/21/2014 16. Date Completed 10/22/2014
 D & A Ready to Prod.

18. Total Depth: MD 4815 TVD 4815 19. Plug Back T.D.: MD 4753 TVD 4753 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 J55	54.0		360		986			
11.000	8.625 J55	24.0		975		500			
7.875	5.500 J55	17.0		4795		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	4524							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	4080	4382	4080 TO 4382	0.410	52	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
4080 TO 4382	ACIDIZE W/1097 GALS 15% ACID.
4080 TO 4382	FRAC W/196,794 GALS GEL, 173,490# 16/30 BRADY SAND, 76,310# 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
10/23/2014	10/25/2014	24	→	73.0	107.0	157.0	39.0	0.60	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→	73	107	157	1466	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

ELECTRIC PUMPING UNIT

JAN 21 2015

Deborah Hand

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #279182 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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.)
FLARED

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
TANSIL	845		LIMESTONE & DOLOMITE	TANSIL	845
YATES	949		SANDSTONE	YATES	949
QUEEN	1862		SANDSTONE & DOLOMITE	QUEEN	1862
GRAYBURG	2246		SANDSTONE & DOLOMITE	GRAYBURG	2246
SAN ANDRES	2560		LIMESTONE & DOLOMITE	SAN ANDRES	2560
GLORIETA	4024		SANDSTONE	GLORIETA	4024
PADDOCK	4073			PADDOCK	4073

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 #279182 Verified by the BLM Well Information System.
 For COG OPERATING LLC, sent to the Carlsbad.
 Committed to AFMSS for processing by DEBORAH HAM on 01/15/2015 ()**

Name (please print) CHASITY JACKSON Title PREPARER

Signature (Electronic Submission) Date 11/13/2014

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.