

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No
NMLC028793C

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 552

9. API Well No.
30-015-39443-00-S1

10. Field and Pool, or Exploratory
GRAYBURG JACKSON SR-Q-GRBG-SA

11. Sec., T., R., M., or Block and Survey
or Area Sec 18 T17S R30E Mer NMP

12. County or Parish
EDDY

13. State
NM

14. Date Spudded
01/29/2012

15. Date T D Reached
02/04/2012

16. Date Completed
 D & A Ready to Prod
02/23/2012

17. Elevations (DF, KB, RT, GL)*
3657 GL

18. Total Depth: MD 4681 TVD 4681

19. Plug Back T D: MD 4632 TVD 4632

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
COMPENSATED NEUT HNGS MCFL HNGS

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

RECEIVED
MAR 28 2012
NMOCD ARTESIA

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 H-40	48.0	0	350		400		0	
11.000	8.625 J-55	24.0	0	1067		500		0	
7.875	5.500 J-55	17.0	0	4681		900		0	

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		4611						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	4310	4510	4310 TO 4510	0.410	26	OPEN, Paddock
B)						
C)						
D)						

Accepted for record

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

Depth Interval	Amount and Type of Material
4310 TO 4510	ACIDIZE W/2,000 GALS 15% ACID.
4310 TO 4510	FRAC W/102,272 GALS GEL, 113,290# 16/30 BRADY SAND, 16,203# 16/30 SIBERPROP.

NMOCD
1053/10/12
RECLAMATION
DUE 8-23-12

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
03/08/2012	03/10/2012	24	→	97.0	112.0	222.0	40.4	0.60	ELECTRIC PUMPING UNIT

Choke Size: SI

Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status
	70.0	→	97	112	222	930	POWA

ACCEPTED FOR RECORD

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: SI

Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status
		→					

MAR 24 2012
J. Am...

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	320		ANHYDRITE	RUSTLER	320
SALADO	548		SALT	SALADO	548
YATES	1148		SANDSTONE	YATES	1148
QUEEN	2040		SANDSTONE & DOLOMITE	QUEEN	2040
SAN ANDRES	2737		DOLOMITE & LIMESTONE	SAN ANDRES	2737
GLORIETA	4202		SANDSTONE	GLORIETA	4202
YESO	4291		DOLOMITE & ANHYDRITE	YESO	4291

32. Additional remarks (include plugging procedure).
Logs will be mailed.

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 #133680 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 03/22/2012 (12KMS1319SE)**

Name (please print) CHASITY JACKSON Title PREPARER

Signature (Electronic Submission) Date 03/22/2012

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.