

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No
NMLC029418A

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No
NMNM71030X

8. Lease Name and Well No.
SKELLY UNIT 807

9. API Well No.
30-015-38349-00-S1

10. Field and Pool, or Exploratory
FREN

11. Sec, T, R., M., or Block and Survey
or Area Sec 23 T17S R31E Mer NMP

12. County or Parish
EDDY

13. State
NM

14. Date Spudded
07/30/2011

15. Date T D Reached
08/08/2011

16. Date Completed
☐ D & A ☒ Ready to Prod
09/06/2011

17. Elevations (DF, KB, RT, GL)*
3884 GL

18. Total Depth MD 6845
TVD 6845

19. Plug Back T D MD 6718
TVD 6718

20. Depth Bridge Plug Set MD
TVD

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

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 H-40	48.0	0	617		500		0	
11.000	8.625 J-55	32.0	0	1832		600		0	
7.875	5.500 J-55	17.0	0	6845		1250		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	6363							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) PADDOCK	5185	5335	5185 TO 5335	0.410	26	OPEN, Paddock
B) BLINEBRY	5670	6574	5670 TO 6034	0.410	27	OPEN, Upper Blinebry
C)			6104 TO 6304	0.410	26	OPEN, Middle Blinebry
D)			6374 TO 6574	0.410	26	OPEN, Lower Blinebry

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

Depth Interval	Amount and Type of Material
5185 TO 5335	ACIDIZE W/3,000 GALS 15% ACID
5185 TO 5335	FRAC W/102,177 GALS GEL, 112,361# 16/30 OTTAWA SAND, 18,489# 16/30 SLC
5670 TO 6034	ACIDIZE W/3,500 GALS 15% ACID
5670 TO 6034	FRAC W/118,696 GALS GEL, 144,018# 16/30 OTTAWA SAND, 32,856# 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
09/07/2011	09/16/2011	24	→	153.0	133.0	633.0	37.0	869.00	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	
		70.0	→	153	133	633		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	
			→						

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

ELECTRONIC SUBMISSION #119579 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

BUREAU OF LAND MANAGEMENT
FIELD OFFICE

OCD - Artesia

RECEIVED
OCT 20 2011
NMOCD ARTESIARECLAMATION
DUE 3-6-12

ACCEPTED FOR RECORD

OCT 15 2011

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	531		ANHYDRITE	TOP SALT	708
SALADO	708		SALT	YATES	1860
YATES	1860		DOLOMITE & SAND	QUEEN	2836
QUEEN	2836		SAND	SAN ANDRES	3604
SAN ANDRES	3604		DOLOMITE & ANHYDRITE	GLORIETA	5094
GLORIETA	5094		SAND & DOLOMITE		
YESO	5187		DOLOMITE & ANHYDRITE		

32 Additional remarks (include plugging procedure):

44. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. CONTINUED.

6104-6304 ACIDIZE W/3,500 GALS 15% ACID.

6104-6304 FRAC W/114,210 GALS GEL, 145,837# 16/30 OTTAWA SAND, 31,939# 16/30 SLC.

6374-6574 ACIDIZE W/3,500 GALS 15% ACID.

6374-6574 FRAC W/115,840 GALS GEL, 153,163# 16/30 OTTAWA SAND, 32,188# 16/30 SLC.

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 #119579 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by DEBORAH MCKINNEY on 10/11/2011 (12DLM0042SE)

Name (please print) CHASITY JACKSON

Title PREPARER

Signature (Electronic Submission)

Date 10/08/2011

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 ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED **