

FEB - 3 2009

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. NMLC029420A

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No. MNM71030X

8. Lease Name and Well No. SKELLY UNIT 604

9. API Well No. 30-015-36445-00-S1

10. Field and Pool, or Exploratory FREN

11. Sec., T., R., M., or Block and Survey or Area Sec 15 T17S R31E Mer NMP

12. County or Parish EDDY 13. State NM

17. Elevations (DF, KB, RT, GL)* 3854 GL

14. Date Spudded 09/25/2008 15. Date T D. Reached 10/12/2008 16. Date Completed D & A 10/28/2008 Ready to Prod.

18. Total Depth: MD 6512 TVD 6512 19. Plug Back T.D.: MD 6449 TVD 6449 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CFL HNGSANDCNL 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 H-40	48.0	0	442		475		0	
11.000	8.625 J-55	32.0	0	1804		700		0	
7.875	5.500 J-55	17.0	0	6508		1025		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	6230							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	5590	5790	5590 TO 5790		36	OPEN
B) YESO	5860	6060	5860 TO 6060		36	OPEN
C) YESO	6130	6330	6130 TO 6330		48	OPEN
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
5590 TO 5790	ACIDIZE W/ 3100 GALS 15% ACID.
5590 TO 5790	FRAC W/ 109,000 GALS SILVERSTIM & 117,288# BASF, & 31,228# CRC.
5860 TO 6060	ACIDIZE W/ 2500 GALS 15% ACID.
5860 TO 6060	FRAC W/ 114,000 GALS SILVERSTIM & 146,001# BASF, & 36,206# CRC.

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
10/31/2008	11/08/2008	24	→	163.0	59.0	150.0	36.4	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg Press Flwg SI	Csg. Press	24 Hr. Rate →	Oil BBL 163	Gas MCF 59	Water BBL 150	Gas Oil Ratio 362	Well Status POW	

ACCEPTED FOR RECORD

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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
10/31/2008	11/08/2008	24	→	163.0	59.0	150.0	36.4	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg Press Flwg SI	Csg. Press	24 Hr. Rate →	Oil BBL 163	Gas MCF 59	Water BBL 150	Gas Oil Ratio	Well Status POW	

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #65453 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

R/C

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
YATES	1761		DOLOMITE AND SAND	BASE OF SALT	1150
QUEEN	2705		SAND	YATES	1761
SAN ANDRES	3449		DOLOMITE AND ANHYDRITE	QUEEN	2705
GLORIETA	4933		SAND AND DOLOMITE	SAN ANDRES	3449
YESO	4981		DOLOMITE AND ANHYDRITE	GLORIETA	4933
				YESO	4981

32. Additional remarks (include plugging procedure):

6130' - 6330' ACIDIZE W/ 2500 GALS 15% ACID.
6130' - 6330' FRAC W/ 119,000 GALS SILVERSTIM & 148,587# BASF, & 30,785# CRC.

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 #65453 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 12/11/2008 (09KMS0482SE)**

Name (please print) PHYLLIS A. EDWARDS Title REGULATORY ANALYST

Signature (Electronic Submission) Date 12/10/2008

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.

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