

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

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other			5. Lease Serial No NMLC029420A		
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff Resvr Other _____			6. If Indian, Allottee or Tribe Name		
2. Name of Operator COG OPERATING LLC			Contact: PHYLLIS A. EDWARDS E-Mail: pedwards@conchoresources.com		
3. Address 550 WEST TEXAS AVENUE SUITE 1300 MIDLAND, TX 79701			3a. Phone No (include area code) Ph: 432-685-4340		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Lot N 330FSL 2310FWL At top prod interval reported below Lot N 330FSL 2310FWL At total depth Lot N 330FSL 2310FWL			9. API Well No 30-015-36445		
14. Date Spudded 09/25/2008			15. Date T D Reached 10/12/2008		
16. Date Completed ☐ D & A ☒ Ready to Prod. 10/28/2008			17. Elevations (DF, KB, RT, GL)* 3854 GL		
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/HNGS AND CNL		
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	48.0	0	442		475		0	
11.000	8.625 J55	32.0	0	1804		700		0	
7.875	5.500 J55	17.0	0	6509		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	Thg. Press Flwg SI	Csg. Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→					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	Thg. 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 #65453 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Accepted for record - NMOCD

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 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

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.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

DISTRICT I
1825 N. FRENCH DR., NOBBS, NM 88240

DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
1820 S. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number

Pool Code

Pool Name

30-015- 36445

26770

FREN: GLORIETA YESO

Property Code

Property Name

Well Number

305607

SKELLY UNIT

604

OGRID No.

Operator Name

Elevation

229137

COG OPERATING, LLC

3854'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	15	17-S	31-E		330	SOUTH	2310	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

GEODETIC COORDINATES
NAD 27 NME

Y=665321.5 N
X=645998.3 E

LAT.=32.828153° N
LONG.=103.858044° W

OPERATOR CERTIFICATION

I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Phyllis A. Edwards
Signature Date

Phyllis A. Edwards

Printed Name
Regulatory Analyst

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

MAY 16 2008

Date Surveyed
Signature & Seal of
Professional Surveyor

AR

Ronald J. Eidson
08-11-0753

Certificate No. GARY EIDSON 12841
RONALD J. EIDSON 3239

DETAIL

3864.4' 3859.9'

600'

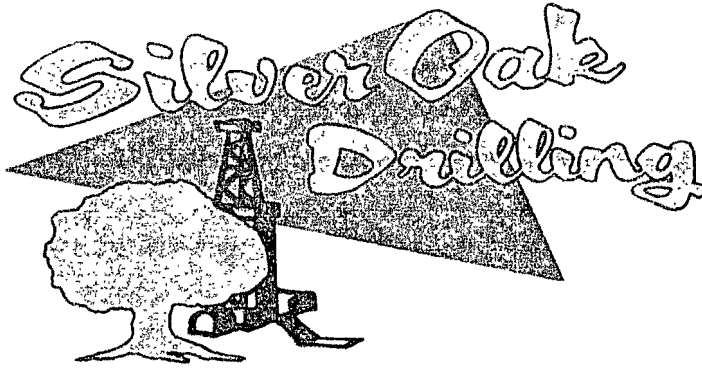
SEE DETAIL

600'

3844.6' 3854.4'

330'

2310'



PO Box 1370
Artesia, NM 88211-1370
(575) 748-1288

October 22, 2008

COG, LLC
Fasken Center, Tower II
550 West Texas Ave, Suite 1300
Midland, TX 79701

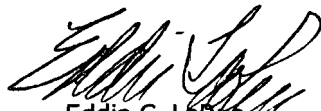
RE: Skelly Unit #604
330' FSL & 2310' FWL
Sec. 15, T17S, R31E
Eddy County, New Mexico

Dear Sir,

The following is the Deviation Survey for the above captioned well.

<u>DEPTH</u>	<u>DEVIATION</u>	<u>DEPTH</u>	<u>DEVIATION</u>
202.00	2.00	3391.00	1.50
292.00	2.00	3830.00	1.75
402.00	2.00	4266.00	2.25
687.00	0.75	4547.00	2.25
898.00	0.50	4702.00	2.00
1116.00	0.50	4861.00	2.00
1356.00	1.00	5017.00	1.50
1764.00	1.75	5330.00	2.00
2047.00	0.75	5620.00	2.00
2486.00	0.75	5862.00	1.75
2923.00	1.50	6363.00	1.25

Very truly yours,


Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 22nd day of October, 2008.


Notary Public

