

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTAPR - 7 2008  
OCD-ARTESIAFORM APPROVED  
OMB No 1004-0137  
Expires July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMLC029418A1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator  
COG OPERATING LLCContact: KANICIA CARRILLO  
E-Mail: kcarrillo@conchoresources.com8. Lease Name and Well No.  
SKELLY UNIT 9713. Address 550 WEST TEXAS AVE STE 1300  
MIDLAND, TX 797013a. Phone No. (include area code)  
Ph: 432-685-43329. API Well No.  
30-015-35947

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface Lot K 2310FSL 1525FWL 32.83361 N Lat, 103.84341 W Lon

At top prod interval reported below Lot K 2310FSL 1525FWL 32.83361 N Lat, 103.84341 W Lon

At total depth Lot K 2310FSL 1525FWL 32.83361 N Lat, 103.84341 W Lon

10. Field and Pool, or Exploratory  
FREN;GLORIETA-YESO, EAST11. Sec., T., R., M., or Block and Survey  
or Area Sec 14 T17S R31E Mer12. County or Parish  
EDDY13. State  
NM14. Date Spudded  
02/08/200815. Date T D. Reached  
02/27/200816. Date Completed  
☐ D & A ☒ Ready to Prod.  
03/18/200817. Elevations (DF, KB, RT, GL)\*  
3900 GL18. Total Depth: MD  
TVD 658019. Plug Back T.D.: MD  
TVD 653020. Depth Bridge Plug Set: MD  
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
COMPENSATED NEUTRON HNGS/CCCL22. 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		458		475		0	252
12.250	8.625 J55	32.0		1783		800		0	292
7.875	5.500 J55	17.0		6580		1100		0	33

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	5506							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	5660	5760	5660 TO 5760	0.410	36	OPEN
B) YESO	5833	6033	5833 TO 6033	0.410	36	OPEN
C) YESO	6133	6333	6133 TO 6333	0.410	48	OPEN
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
5660 TO 5760	ACIDIZED W/5,000 GALS ACID. FRAC W/29,000 GALS GEL, 42,245# 16/30 SAND
5833 TO 6033	ACIDIZED W/5,000 GALS ACID. FRAC W/63,000 GALS GEL, 92,682# 16/30 SAND
6133 TO 6333	ACIDIZED W/5,000 GALS ACID. FRAC W/64,000 GALS GEL, 97,528# 16/30 SAND.

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
03/19/2008	03/28/2008	24	→	52.0	58.0	286.0	35.2		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	
			→					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 #59449 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 )  
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	1882				
7 RIVERS	2214				
QUEEN	2832				
GRAYBURG	3224				
SAN ANDRES	3569				
GLORIETA	5102				
YESO	5177				

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 #59449 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Carlsbad

Name (please print) KANICIA CARRILLOTitle PREPARERSignature (Electronic Submission)Date 04/04/2008

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  
1625 N. FRENCH DR., HOBBS, NM 58240

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

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

DISTRICT IV  
1220 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 30-15-35947	Pool Code 97213	Pool Name Fren; Glorieta-Yeso, East
Property Code 29742	Property Name SKELLY UNIT	Well Number 971
OGRID No. 4323	Operator Name COG OPERATING, LLC	Elevation 3900'

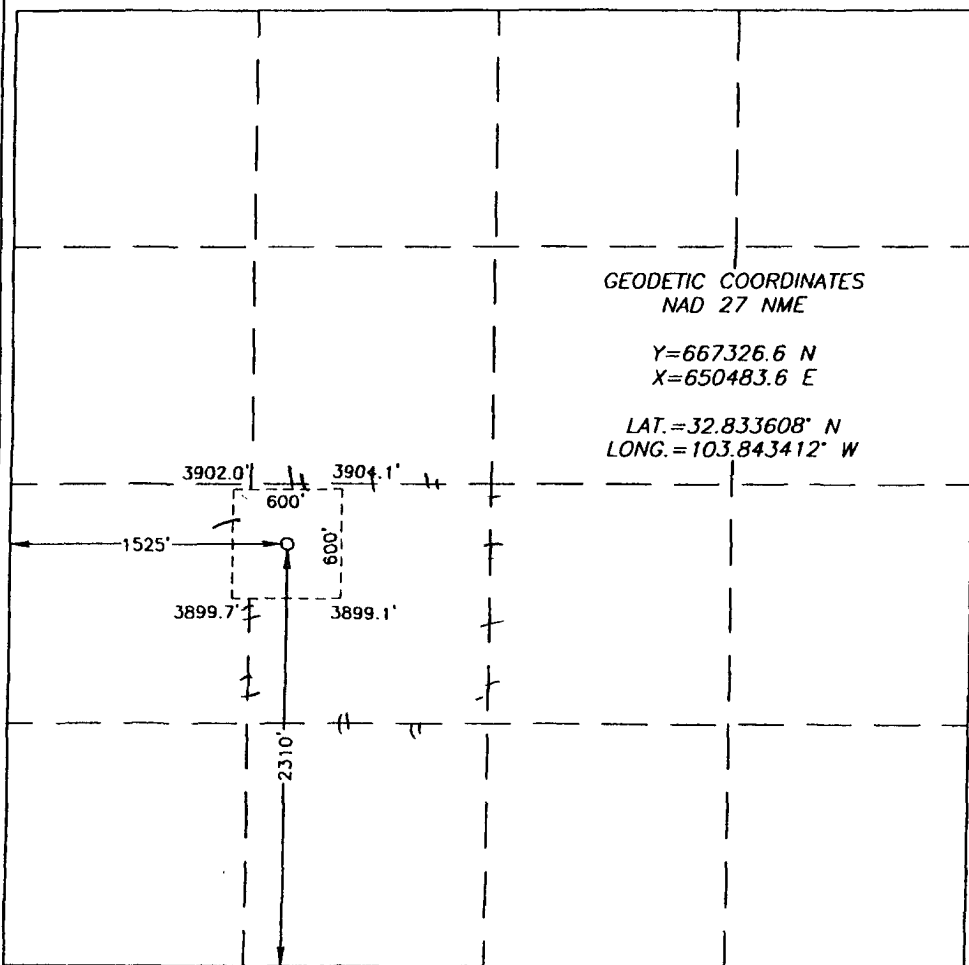
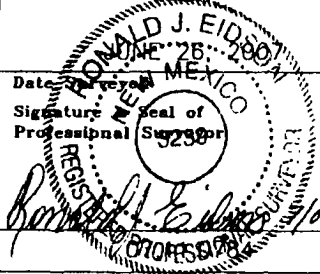
Surface Location

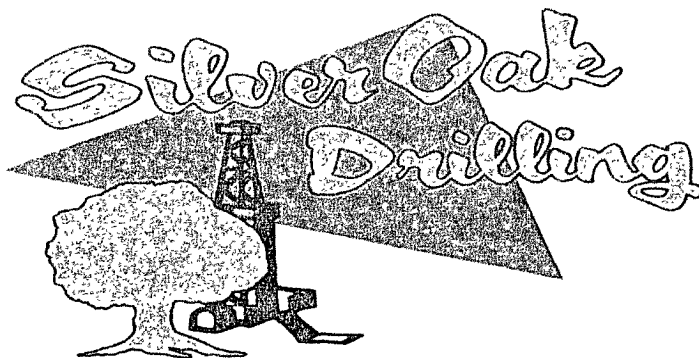
UL or lot No. K	Section 14	Township 17-S	Range 31-E	Lot Idn --	Feet from the 2310--	North/South line SOUTH--	Feet from the --1525--	East/West line WEST--	County EDDY
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Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

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

	<p><b>OPERATOR CERTIFICATION</b></p> <p>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.</p> <p><u>K. Carrillo</u> 04/04/08 Signature Date Kancia Carrillo Printed Name</p> <p><b>SURVEYOR CERTIFICATION</b></p> <p>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.</p> <p> Date of Survey Signature Seal of Professional Surveyor Certificate No. GARY EIDSON 12641 RONALD J. EIDSON 3238</p>
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PO Box 1370  
Artesia, NM 88211-1370  
(505) 748-1288

March 6, 2008

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

RE: Skelly Unit #971  
2310' FSL & 1525' FWL  
Sec. 14, 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>
198.00	0.75	3148.00	1.00
380.00	1.00	3401.00	0.75
687.00	0.50	3712.00	1.00
932.00	1.00	4027.00	0.50
1150.00	1.00	4439.00	0.50
1400.00	1.00	4709.00	0.50
1711.00	1.25	5174.00	0.17
1745.00	1.25	5234.00	0.11
2022.00	1.00	5782.00	1.00
2337.00	1.00	6094.00	1.25
2680.00	1.00	6406.00	1.25

Very truly yours,

Eddie C. LaRue  
Operations Manager

State of New Mexico }  
County of Eddy }

The foregoing was acknowledged before me this 6<sup>th</sup> day of March, 2008.

  
Notary Public