

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APR 10 2008

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG-ARTESIA

Lease Serial No.  
NMLC029419A

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name	
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other		7. Unit or CA Agreement Name and No.	
2. Name of Operator COG OPERATING LLC		8. Lease Name and Well No. SKELLY UNIT 977	
Contact: KANICIA CARRILLO E-Mail: kcarrillo@conchoresources.com			
3. Address 550 WEST TEXAS AVE STE 1300 MIDLAND, TX 79701		3a. Phone No. (include area code) Ph: 432-685-4332	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Lot C 330FNL 1700FWL 32.82633 N Lat, 103 86003 W Lon At top prod interval reported below Lot C 330FNL 1700FWL 32.82633 N Lat, 103.86003 W Lon At total depth Lot C 330FNL 1700FWL 32.82633 N Lat, 103 86003 W Lon		9. API Well No. 30-015-36061	
10. Field and Pool, or Exploratory FREN;GLORIETA-YESO		11. Sec., T., R., M., or Block and Survey or Area Sec 22 T17S R31E Mer	
12. County or Parish EDDY		13. State NM	
14. Date Spudded 02/16/2008		15. Date T.D. Reached 02/29/2008	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 03/20/2008		17. Elevations (DF, KB, RT, GL)* 3847 GL	
18. Total Depth: MD TVD 6510		19. Plug Back T.D.: MD TVD 6443	
20. Depth Bridge Plug Set: MD TVD			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUTRON HNGS/CCL		22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> 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		450		475		0	64
12.250	8.625 J55	32.0		1803		800		0	330
7.875	5.500 L80	17.0		6510		1100		0	109

## 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	5467							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	5630	5830	5630 TO 5830	0.410	36	OPEN
B) YESO	5910	6050	5910 TO 6050	0.410	36	OPEN
C) YESO	6130	6330	6130 TO 6330	0.410	48	OPEN
D)						

## 26. Perforation Record

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

Depth Interval	Amount and Type of Material
5630 TO 5830	ACIDIZED W/5,000 GALS ACID FRAC W/55,000 GALS GEL, 53,339# 16/30 SAND, 18,335# SIBERPROP SAND.
5910 TO 6050	ACIDIZED W/5,000 GALS ACID. FRAC W/32,000 GALS GEL, 32,327# 16/30 SAND, 10,602# SIBERPROP SAND.
6130 TO 6330	ACIDIZED W/5,000 GALS ACID. FRAC W/62,000 GALS GEL, 68,133# 16/30 SAND, 19,449# SIBERPROP 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
03/23/2008	03/28/2008	24	→	169.0	113.0	160.0	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 #59503 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	1735				
7 RIVERS	2067				
QUEEN	2671				
GRAYBURG	3056				
SAN ANDRES	3402				
GLORIETA	4898				
YESO	4985				

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 #59503 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Carlsbad

Name (please print) KANICIA CARRILLOTitle PREPARER

Signature \_\_\_\_\_ (Electronic Submission)

Date 04/08/2008

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., HOHDS, NM 88240

State of New Mexico  
Energy, Minerals and Natural Resources Department

APR 10 2008

Form C-102

DISTRICT II  
1301 W GRAND AVENUE, ARTESIA, NM 88210

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

Revised October 12, 2005  
Submitted to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

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

DISTRICT IV  
1220 S ST. FRANCIS DR., SANTA FE, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-36061	Pool Code 26770	Pool Name Fren: Glorieta-Yeso
Property Code 11091	Property Name SKELLY UNIT	Well Number 977
OGRID No. 4323	Operator Name Chevron USA Inc.	Elevation 3847'

Surface Location

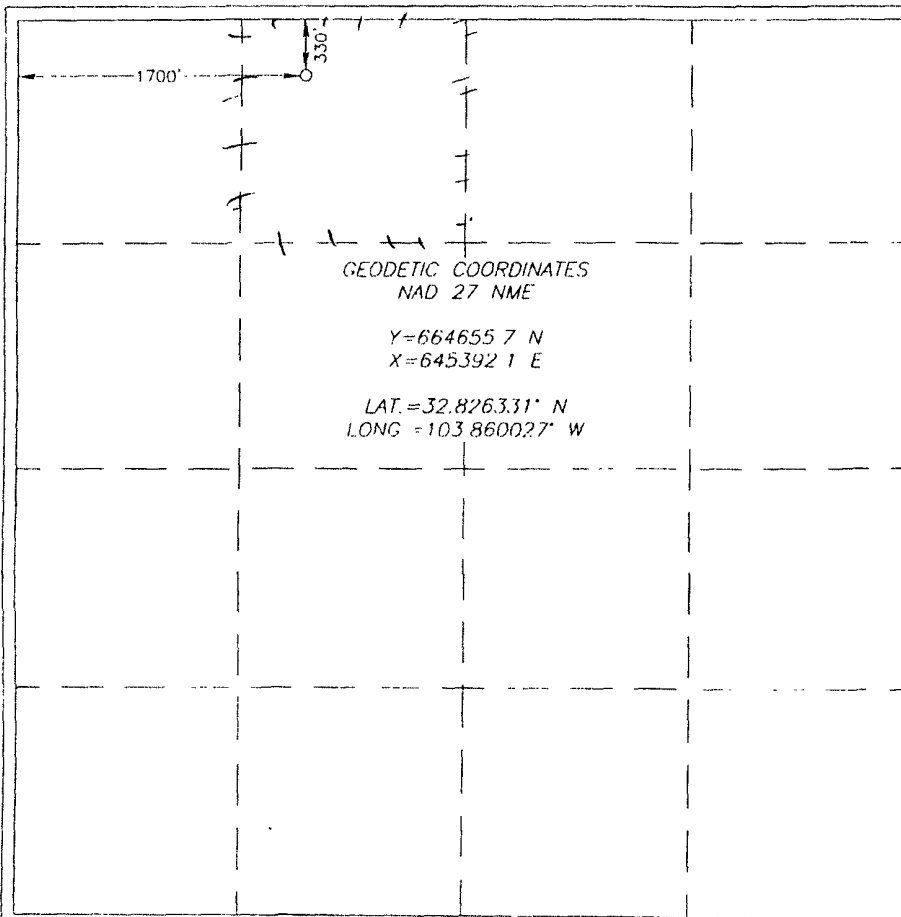
UL or lot No. C	Section 22	Township 17-S	Range 31-E	Lot Idn	Feet from the 330	North/South line NORTH	Feet from the 1700	East/West line WEST	County EDDY
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Bottom Hole Location If Different From Surface

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



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

 04/04/08

Signature Date

Kanicia Carrillo

Printed Name

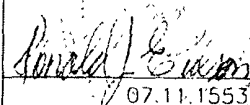
SURVEYOR CERTIFICATION

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

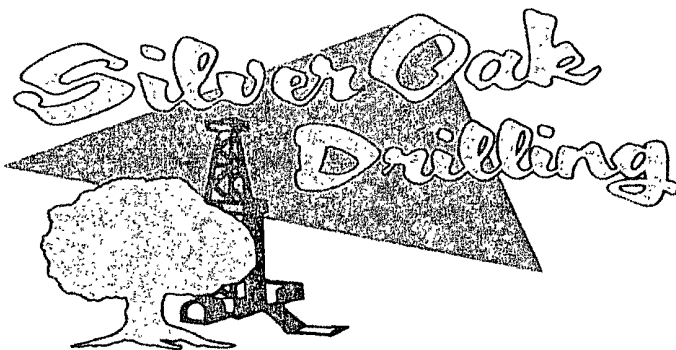
NOVEMBER 7, 2007

Date Surveyed LA

Signature & Seal of  
Professional Surveyor

 12/23/07  
07.11.1553

Certificate No. GARY EIDSON 12841  
RONALD EIDSON 3239



APR 10 2008  
OCD-ARTESIA

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 #977  
1650' FNL & 330' FEL  
Sec. 16, T17S, R29E  
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>
250.00	1.00	2813.00	1.00
393.00	1.00	3290.00	1.00
550.00	1.00	3789.00	1.00
873.00	1.00	4180.00	1.50
1151.00	0.50	5114.00	0.75
1469.00	1.75	5515.00	1.50
1796.00	1.00	6056.00	1.00
2305.00	0.50	6488.00	0.25

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