

OCD-ARTESIA

Form 3160-4
(April 2004)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

S

FORM APPROVED
OMBNO 1004-0137
Expires March 31, 2007

1a Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5 Lease Serial No LC-029419A	
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 _____		6 If Indian, Allottee or Tribe Name ---	
2 Name of Operator COG Operating LLC		7 Unit or CA Agreement Name and No ---	
3 Address 550 W. Texas, Suite 1300, Midland, TX 79701		8 Lease Name and Well No Skelly Unit #942	
3a Phone No (include area code) 432-685-4332		9 AFI Well No 30-015-34645	
4 Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 1210 FNL & 2195 FEL, Unit B At top prod interval reported below MAR 25 2008 OCD-ARTESIA At total depth		10 Field and Pool, or Exploratory Fren;Glorieta-Yeso 26770	
14 Date Spudded 12/28/2007		11 Sec, T, R, M, on Block and Survey or Area Sec 22, T17S, R31E	
15 Date T/D Reached 01/08/2008		12 County or Parish Eddy	
16 Date Completed 01/25/2008 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod		13 State NM	
17 Elevations (DF, RKB, RT, GL)* 3857 GL			
18 Total Depth MD 6500 TVD		19 Plug Back T/D MD 6462 TVD	
20 Depth Bridge Plug Set MD TVD			
21 Type Electric & Other Mechanical Logs Run (Submit copy of each) CN / HNGS, Micro CFL / HNGS		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 report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)	

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
17-1/2	13-3/8	48		462		447 C		Surface	69
12-1/4	8-5/8	32		1815		600 C		Surface	362
7-7/8	5-1/2	17		6489.50		1100 C		Surface	354

24 Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8	6401							

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) Yeso			5653 - 5853	2 SPF	36	Open
B) Yeso			5926 - 6126	2 SPF	36	Open
C) Yeso			6200 - 6400	2 SPF	48	Open
D)						

27 Acid, Fracture, Treatment, Cement Squeeze, etc

Depth Interval	Amount and Type of Material
5653 - 5853	Acidize w/3,100 gals acid. Frac w/67,945 gals gel, 9,007# SiberProp, 68,690# 16/30 sand.
5926 - 6126	Acidize w/ 7,000 gals acid. Frac w/68,714 gals gel, 15,733# SiberProp, 75,485# 16/30 sand.
6200 - 6400	Acidize w/ 5,000 gals acid. Frac w/68,978 gals gel, 9,636# SiberProp, 73,800# 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
01/30/2008	01/31/2008	24	→	112	81	140	34.5		Pumping
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

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 page 2)

ACCEPTED FOR RECORD

MAR 22 2008

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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	1753				
7 Rivers	2090				
Queen	2701				
Grayburg	3092				
San Andres	3446				
Glorieta	4929				
Yeso	5005				

32. Additional remarks (include plugging procedure).

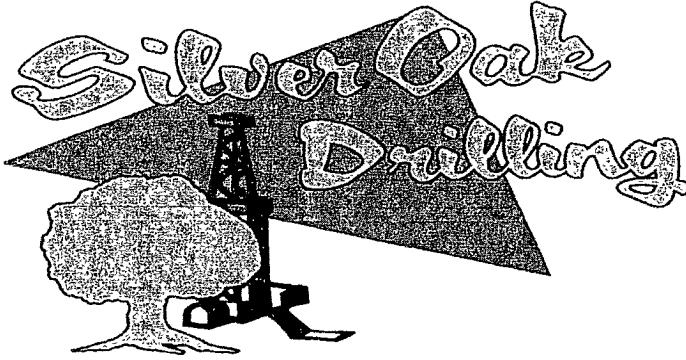
33. Indicate which items have been attached by placing a check in the appropriate boxes

- ☐ Electrical/Mechanical Logs (1 full set req'd)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
☒ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Kanicia CarrilloTitle Regulatory AnalystSignature Kanicia CarrilloDate 03/05/2008

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.



PO Box 1370
Artesia, NM 88211-1370
(505) 748-1288

January 16, 2008

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

RE: Skelly Unit #942
990' FNL & 2310' FEL
Sec. 22, T17S, R31E
Eddy County, New Mexico

Dear Sir,

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

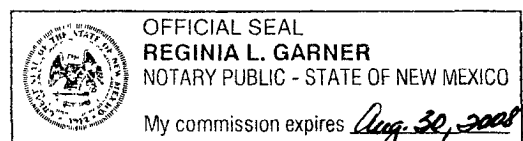
<u>DEPTH</u>	<u>DEVIATION</u>	<u>DEPTH</u>	<u>DEVIATION</u>
197.00	0.25	3209.00	1.75
417.00	1.00	3458.00	1.75
462.00	1.00	3770.00	1.25
681.00	1.00	4079.00	1.00
926.00	0.75	4360.00	0.75
1176.00	0.75	4677.00	1.00
1425.00	1.25	4956.00	1.00
1674.00	2.00	5269.00	1.00
2144.00	1.25	5582.00	0.50
2459.00	0.75	5862.00	1.00
2772.00	0.75	6250.00	1.00
3082.00	2.00	6470.00	0.75

Very truly yours,

Eddie LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 16th day of January, 2008.

Notary Public

DISTRICT I
1625 N FRENCH DR., HOBBS, NM 88240

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 30-015-34645	Pool Code 26770	Pool Name FREN; GLORIETA-YESO
Property Code 29742	Property Name SKELLY UNIT	Well Number 942
OGRID No. 229137	Operator Name COG Operating LLC	Elevation 3857'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	22	17-S	31-E		1210	NORTH	2195	EAST	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 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>GEODETIC COORDINATES NAD 27 NME</p> <p>Y=66.3786.9 N X=646784.2 E</p> <p>LAT.=32.823925° N LONG.=103.855508° W</p>		<p>OPERATOR CERTIFICATION</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><i>Phyllis A. Edwards</i> 10-22-07 Signature Date</p> <p>Phyllis A. Edwards Printed Name</p> <p>Regulatory Analyst-Agent for Chevron USA Inc.</p> <p>SURVEYOR CERTIFICATION</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>DECEMBER 27, 2005</p> <p>Date Surveyed LA REV. 10/19/07</p> <p>Signature & Seal of Professional Surveyor</p> <p><i>Ronald E. Eidson</i> 10/14/07 07.13.1464</p> <p>Certificate No GARY EIDSON 12641 RONALD EIDSON 3239</p>
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