

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTNOV 12 2008
OCD-ARTESIAFORM 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 COOPERATING Contact: KANICIA CARRILLO CHEVRON-USA INCORPORATED E-Mail: kcarrillo@conchoresources.com			7. Unit or CA Agreement Name and No NMNM71030X		
3. Address 550 WEST TEXAS AVE STE 150 MIDLAND, TX 79701			8. Lease Name and Well No. SKELLY UNIT 970		
3a. Phone No. (include area code) Ph. 432-685-4332			9. API Well No. 30-015-35817-00-S1		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 15 T17S R31E Mer NMP At surface NESE 2310FSL 990FEL At top prod interval reported below At total depth			10. Field and Pool, or Exploratory FREN-GLORIETA-YESO		
14. Date Spudded 08/23/2008			15. Date T.D. Reached 09/03/2008		
16. Date Completed ☐ D & A ☒ Ready to Prod. 09/24/2008			17. Elevations (DF, KB, RT, GL)* 3880 GL		
18. Total Depth MD 6521 TVD 6521			19. Plug Back T D.: MD 6508 TVD 6508		
20. Depth Bridge Plug Set: MD TVD			21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATEDNEUT		
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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H-40	48.0	0	415		475		0	
11.000	8.625 J-55	32.0	0	1836		600		0	
7.875	5.500 J-55	17.0	0	6513		1200		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	5590							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	5690	6395	5690 TO 5890	0.410	36	OPEN
B)			5960 TO 6160	0.410	36	OPEN
C)			6230 TO 6395	0.410	48	OPEN
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
5690 TO 5890	ACIDIZE W/2,500 GALS ACID. FRAC W/134,427 GALS GEL, 185,100# 16/30 SAND, 46,400# CRC SAND
5960 TO 6160	ACIDIZE W/2,500 GALS ACID. FRAC W/138,070 GALS GEL, 190,700# 16/30 SAND, 45,500# CRC SAND
6230 TO 6395	ACIDIZE W/2,500 GALS ACID. FRAC W/65,582 GALS GEL, 43,780# 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
09/26/2008	09/29/2008	24	→	81.0	103.0	363.0	36.0		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	
			→	81	103	363		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 #64270 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

ACCEPTED FOR RECORD
NOV 9 2008
/S/ DAVID R. GLASS
DAVID R. GLASS
PETROLEUM ENGINEER

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	1850				
7 RIVERS	2200				
QUEEN	2790				
SAN ANDRES	3550				
YESO	5100				

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 #64270 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 10/30/2008

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 ****

Revisions to Operator-Submitted EC Data for Well Completion #64270

	Operator Submitted	BLM Revised (AFMSS)
Lease.	NMLC029420A	NMLC029420A
Agreement.		NMNM71030X
Operator:	COG OPERATING LLC 550 WEST TEXAS AVE STE 1300 MIDLAND, TX 79701 Ph: 432-683-7443	CHEVRON USA INCORPORATED 550 WEST TEXAS AVE MIDLAND, TX 79701 Ph: 432 685 4332
Admin Contact:	KANICIA CARRILLO PREPARER E-Mail: kcarrillo@conchoresources.com Ph: 432-685-4332	KANICIA CARRILLO PREPARER E-Mail: kcarrillo@conchoresources.com Ph: 432-685-4332
Tech Contact:	KANICIA CARRILLO PREPARER E-Mail: kcarrillo@conchoresources.com Ph: 432-685-4332	KANICIA CARRILLO PREPARER E-Mail: kcarrillo@conchoresources.com Ph: 432-685-4332
Well Name: Number.	SKELLY UNIT 970	SKELLY UNIT 970
Location. State. County: S/T/R: Surf Loc:	NM EDDY Sec 15 T17S R31E Mer Lot 1 2310FSL 990FEL 32.83360 N Lat, 103.85160 W Lon	NM EDDY Sec 15 T17S R31E Mer NMP NESE 2310FSL 990FEL
Field/Pool:	FREN; GLORIETA YESO	FREN-GLORIETA-YESO
Logs Run:	COMPENSATED NEUTRON CCL	COMPENSATEDNEUT
Producing Intervals - Formations	YESO YESO YESO	YESO
Porous Zones.	YATES 7 RIVERS QUEEN SAN ANDRES YESO	YESO
Markers.		YATES QUEEN SAN ANDRES YESO

DISTRICT I

1625 N. FRANKLIN DR., BOSSA, NM 88240

DISTRICT II

1201 W. GRAND AVENUE, ARIZONA, NM 88210

DISTRICT III

1000 Rio Grande Rd., Aztec, NM 87410

DISTRICT IV

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

State of New Mexico RECEIVED

Energy, Minerals and Natural Resources Department

JUL 09 2007

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

□ AMENDED REPORT

API Number 30-015-35817	Pool Code 26770	Pool Name Fren; Glorieta-Yeso
Property Code 305607	Property Name SKELLY UNIT	Well Number 970
GRID No. 229137	Operator Name COG Operating, LLC	Elevation 3880'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	15	17-S	31-E		2310	SOUTH	990	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

GEODETIC COORDINATES NAD 27 NME Y=667311.3 N X=647969.2 E LAT.=32.833598° N LONG.=103.851598° W SEE DETAIL 990' 2310' DETAIL 3879.9' 3884.4' 3875.5' 3878.6' 600' 600'	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 undivided 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 is a voluntary pooling agreement or a compulsory pooling order heretofore entered by the Division. <i>Jerry W. Sherrell</i> 7/23/07 Signature Date Jerry W. Sherrell 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. <i>Ronald J. Eidson</i> 7/23/07 Signature Date RONALD J. EIDSON 26126 AR Professional Surveyor 3239 Certificate No. GARY EIDSON 12641 RONALD J. EIDSON 3239



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

September 12, 2008

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

RE: Skelly Unit #970
2310' FSL & 990' FEL
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>
234.00	0.50	3238.00	1.00
375.00	0.75	3676.00	1.75
811.00	0.50	4207.00	1.25
1213.00	0.75	4769.00	1.00
1622.00	1.00	5269.00	0.25
2143.00	1.00	5738.00	0.50
2452.00	1.00	6175.00	1.00
2895.00	1.00		

Very truly yours,

Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 12th day of September, 2008.

Notary Public