



Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JUL 28 2008
OCD-ARTESIA

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other 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 _____			5. Lease Serial No. NMLC056551A		
			6. If Indian, Allottee or Tribe Name		
2. Name of Operator COG OPERATING LLC Contact: KANICIA CARRILLO E-Mail: kcarrillo@conchoresources.com			7. Unit or CA Agreement Name and No		
			8. Lease Name and Well No HOLDER CB FEDERAL 15		
3. Address 550 WEST TEXAS AVE STE 1300 MIDLAND, TX 79701		3a Phone No (include area code) Ph: 432-685-4332	9. API Well No 30-015-35965		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Lot L 2160FSL 890FWL 32 84762 N Lat, 103.98216 W Lon At top prod interval reported below Lot L 2160FSL 890FWL 32.84762 N Lat, 103.98216 W Lon At total depth Lot L 2160FSL 890FWL 32.84762 N Lat, 103.98216 W Lon			10. Field and Pool, or Exploratory LOCO HILLS; GLORIETA, YESO		
			11. Sec., T., R., M., or Block and Survey or Area Sec 9 T17S R30E Mer		
			12. County or Parish EDDY	13. State NM	
14. Date Spudded 05/10/2008	15. Date T.D. Reached 05/21/2008	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 06/12/2008	17. Elevations (DF, KB, RT, GL)* 3689 GL		
18. Total Depth. MD TVD 5920	19. Plug Back T D MD TVD 5862	20. Depth Bridge Plug Set: MD TVD			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUTRON 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 500	13 375 H40	48 0		410		445		0	145
11.000	8 625 J55	32 0		1334		600		0	142
7 875	5 500 J55	17.0		5917		1000		0	164

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	4854							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) YESO	5000	5200	5000 TO 5200	0.410	36	OPEN
B) YESO	5270	5470	5270 TO 5470	0.410	36	OPEN
C) YESO	5540	5740	5540 TO 5740	0.410	48	OPEN
D)						

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

Depth Interval	Amount and Type of Material
5000 TO 5200	ACIDIZED W/2,500 GALS ACID FRAC W/117,000 GALS GEL, 116,705# 16/30 SAND, 15,678# SIBERPROP SAND
5270 TO 5470	ACIDIZED W/2,500 GALS ACID FRAC W/128,000 GALS GEL, 147,939# 16/30 SAND, 29,185# SIBERPROP SAND
5540 TO 5740	ACIDIZED W/2,500 GALS ACID FRAC W/126,000 GALS GEL, 147,632# 16/30 SAND, 31,667# 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
06/19/2008	06/23/2008	24	→	47 0	103 0	564 0	39 6		ELECTRIC PUMPING UNIT
Choke Size	Tbg Press Flwg SI	C-g 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	C-g 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 #61696 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	1250				
7 RIVER	1540				
QUEEN	2140				
SAN ANDRES	2870				
YESO	4400				
TUBB	5830				

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 #61696 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 07/24/2008

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 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 30-015-35965	Pool Code 96718	Pool Name Loco Hills; Glorieta, Yeso
Property Code 302504	Property Name HOLDER CB FEDERAL	Well Number 15
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3689'

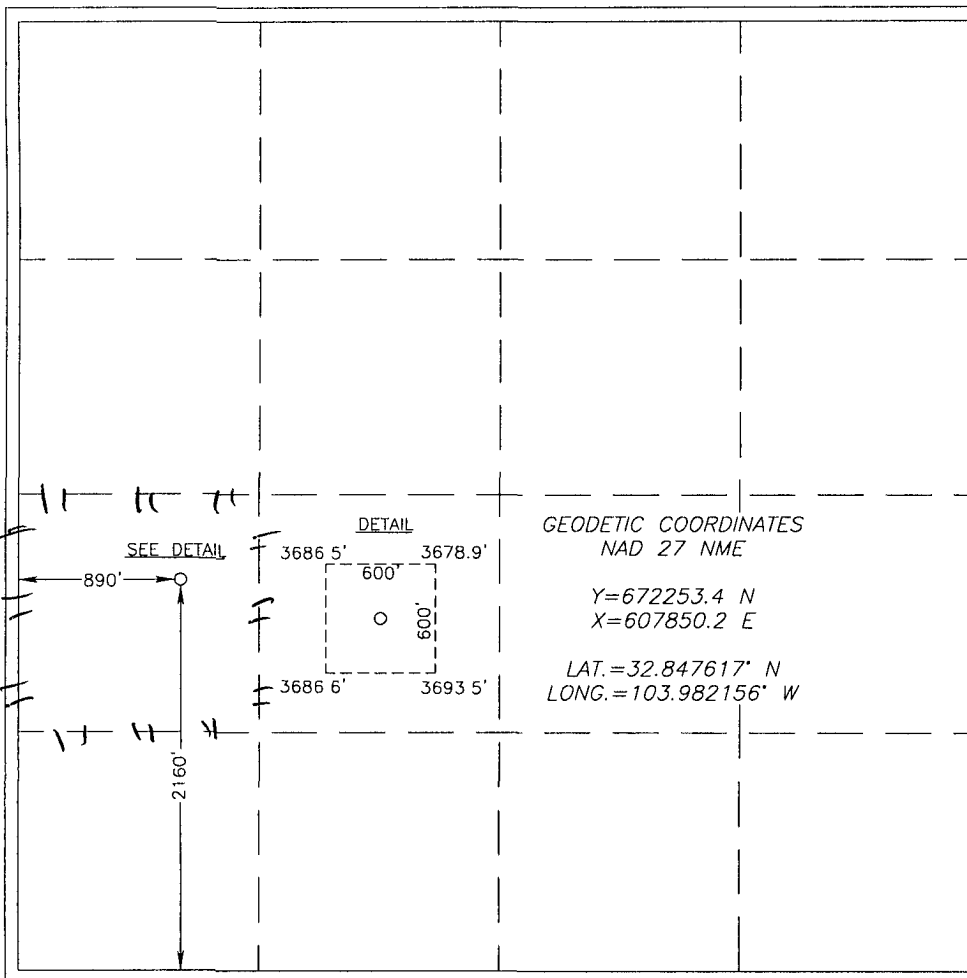

Surface Location

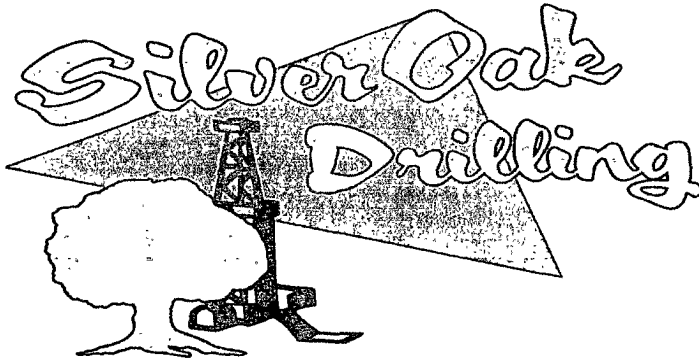
UL or lot No. L	Section 9	Township 17-S	Range 30-E	Lot Idn	Feet from the 2160	North/South line SOUTH	Feet from the 890	East/West line WEST	County EDDY
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Bottom Hole Location If Different From Surface

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>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> 7/22/08 Signature Date Kanicia Carrillo Printed Name</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>SEPTEMBER 17, 2007</p> <p>Date Surveyed LA Signature & Seal of Professional Surveyor</p> <p>07.11.1018</p> <p>Certificate No. GARY EIDSON 12841 RONALD EIDSON 3239</p>



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

June 5, 2008

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

RE: Holder CB Federal #15
2160' FSL & 890' FWL
Sec. 9, T17S, R30E
Eddy, New Mexico

Dear Sir,

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

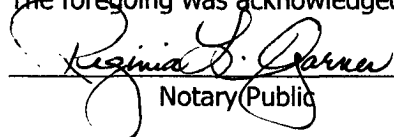
<u>DEPTH</u>	<u>DEVIATION</u>	<u>DEPTH</u>	<u>DEVIATION</u>
250.00	0.25	3060.00	0.75
410.00	0.50	3416.00	0.75
501.00	1.00	4030.00	0.50
837.00	0.50	4364.00	0.75
1111.00	2.00	4630.00	0.75
1440.00	1.00	4865.00	0.75
1801.00	1.25	5305.00	0.50
2017.00	0.75	5315.00	0.25
2332.00	0.75	5562.00	0.75
2783.00	0.75	5920.00	0.75

Very truly yours,


Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 5th day of June, 2008.


Notary Public

