

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires March 31, 2007**SUNDRY NOTICES AND REPORTS ON WELLS***Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.***SUBMIT IN TRIPLICATE- Other instructions on reverse side.**1 Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other2 Name of Operator  
COG Operating LLC3a Address  
550 W. Texas Ave., Suite 1300 Midland, TX 797013b. Phone No. (include area code)  
432-685-43324 Location of Well (Footage, Sec., T, R, M, or Survey Description)  
1800 FSL & 915 FEL, SEC. 9, T17S, R30E, Unit I

5. Lease Serial No

LC-029342B

6 If Indian, Allottee or Tribe Name

7 If Unit or CA/Agreement, Name and/or No

8 Well Name and No

POLARIS B FEDERAL #15

9 API Well No

30-015-35931

10 Field and Pool, or Exploratory Area

LOCO HILLS; GLORIETA YESO

11. County or Parish, State

EDDY, NM

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>Completion</b>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

- 13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

01/18/08 Perf w/ 2 SPF @ 5620 - 5820, 48 holes.

01/21/08 Acidize w/ 5000 gals acid. Frac w/ 66,572 gals gel, 10,000# Siberprop, 53,000# 16/30 sand. Set comp plug @ 5600.

Perf w/ 2 SPF @ 5346 - 5546, 36 holes. Acidize w/ 5000 gals acid.

Frac perms w/65,152 gals gel, 13,725# Siberprop, 71,638# 16/30 sand.

01/23/08 Set comp plug @ 5280. Perf w/ 2 SPF @ 5006 - 5206, 36 holes.

01/24/08 Acidize w/ 5000 gals acid. Frac perms w/ 95,886 gals gel, 25,934# Siberprop, 105,927# 16/30 sand.

01/26/08 Drilled out plugs.

01/31/08 RIH w/ 178 joints 2-7/8" J55 tbg, SN @ 5820'. RIH w/ 2-1/2" x 2" x 20' pump w/ strainer. Hang on well.

- 14 I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Kancia Carrillo

Title Regulatory Analyst

Signature

Date

02/27/2008

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon

Title

Date

Office

Accepted for record  
NMOCD

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.

(Instructions on page 2)

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 30-15-3593	Pool Code 96718	Pool Name LOCO HILLS; GLORIETA-YESO
Property Code 302547	Property Name POLARIS B FEDERAL	Well Number 15
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3687'

Surface Location

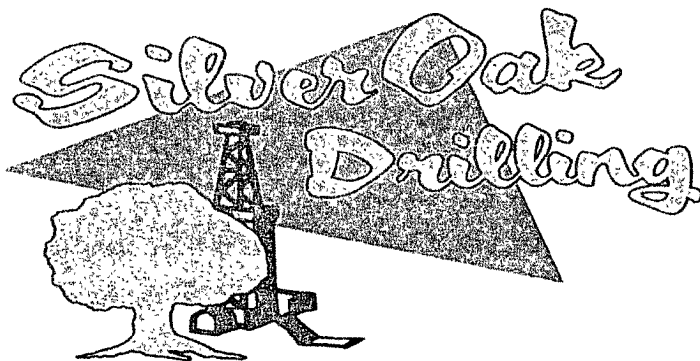
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	9	17-S	30-E		1800	SOUTH	915	EAST	EDDY

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  Y=671899.8 N X=611329.3 E  LAT.=32.846612° N LONG.=103.970831° W</p> <p>3694.0' 3695.6' 600' 3696.5' 3693.0' 1800' 915'</p>	<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><i>Phyllis A. Edwards</i> 9-26-07 Signature Date Phyllis A. Edwards-Regulatory Printed Name Analyst</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 SURVEYED SEPTEMBER 2007 AR Signature &amp; Seal of Professional Surveyor 3239 <i>Ronald J. Eidson</i> 9/25/07 Certificate No. GARY EIDSON 12641 RONALD J. EIDSON 3239</p>
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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: Polaris B Federal #15  
1800' FSL & 915' FEL  
Sec. 9, T17S, R30E  
Eddy County, New Mexico

Dear Sir,

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

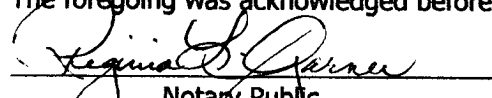
<u>DEPTH</u>	<u>DEVIATION</u>	<u>DEPTH</u>	<u>DEVIATION</u>
200.00	1.00	2974.00	1.00
356.00	1.00	3291.00	0.50
534.00	0.50	3578.00	0.50
884.00	1.00	3863.00	1.00
1176.00	2.00	4182.00	0.50
1271.00	1.50	4463.00	1.00
1400.00	1.00	4786.00	0.50
1743.00	1.50	5094.00	0.75
2020.00	1.00	5390.00	1.00
2340.00	0.75	5920.00	0.50
2624.00	0.75		

Very truly yours,

  
Eddie LaRue  
Operations Manager

State of New Mexico }  
County of Eddy }

The foregoing was acknowledged before me this 16<sup>th</sup> day of January, 2008.

  
Notary Public

