

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No 1004-0137
Expires March 31, 2007**S****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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5 Lease Serial No NMLC-118710
2 Name of Operator COG Operating LLC		6 If Indian, Allottee or Tribe Name
3a Address 550 W. Texas Ave., Suite 1300 Midland, TX 79701	3b. Phone No. (include area code) 432-685-4340	7 If Unit or CA/Agreement, Name and/or No
4 Location of Well (Footage, Sec., T., R., M., or Survey Description) SHL: 660 FNL & 1150 FEL SEC. 26, T16S, R29E, UL A BHL: 660 FNL & 330 FWL SEC. 26, T16S, R29E, UL D		8. Well Name and No HIGH LONESOME 26 FED COM 1H
		9 API Well No 31899 30-015-35893
		10. Field and Pool, or Exploratory Area Wildcat; Wolfcamp
		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 checked="" 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 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 Change Pool & casing & cementing program
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<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 recompleat 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 recompleat 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.)

**SUBJECT TO LIKE
APPROVAL BY STATE**

COG respectfully requests permission to change Field and Pool from Wolfcamp to Abo.

COG respectfully requests permission to change Proposed Casing & Cement Program to setting 7" 26# HCP-110 FJ casing @ +/-6800' and Cement with +/- 400 sx. 50/50/10 "C", 2.45 yd & +/- 200 sx Class "H", 1.18 yd., Est. TOC @ 200' minimum tie back into intermediate casing.

Run 4 1/2" 13.5# P-110 LTC Production Liner from +/- 6700' to +/-11200' MD, 7323' TVD, Liner run with +/- 5 isolation Packers and Sliding sleeves in un-cemented Lateral.

Attached is a revised Drill Plan with changes reflected in shaded areas.

Liner seal to be tested per O.O.2, III, B.1.6,

14 I hereby certify that the foregoing is true and correct Name (Printed/Typed) Phyllis A. Edwards		Title Regulatory Analyst
Signature <i>Phyllis A. Edwards</i>	Date 07/31/2008	APPROVED AUG 11 2008 WESLEY W. INGRAM REALTY GROUP INC. ENGINEER
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 Office	
Title 18 USC Section 1001 and Title 43 USC Section 1212, make it a crime for any person knowingly and willfully to make any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction		

(Instructions on page 2)

ATTACHMENT TO FORM 3160-5
 COG Operating, LLC
 High Lonesome "26" Federal #1H Re-Entry
 SL: 660' FNL & 1150' FEL, Unit A
 BHL: 660' FNL & 330' FWL, Unit D
 Sec 26, T16S, R29E
 Eddy County, NM

REVISED 7/28/08

1. Proration Unit Spacing: 160 Acres
2. Ground Elevation: 3694'
3. Proposed Depths: TVD = 7323', MD = 11200'
4. Estimated tops of geological markers:

Yates	1040'
Queen	1860'
San Andres	2630'
Tubb	5360'
Abo	6030'
Top Basal Abo	7294'

5. Possible mineral bearing formations:

Yates	1040'
Queen	1860'
San Andres	2630'
Tubb	5360'
Abo	6030'
Top Basal Abo	7294'

6. Casing Program - Existing

<u>Hole size</u>	<u>Interval</u>	<u>OD of Casing</u>	<u>Weight</u>	<u>Cond.</u>	<u>Collar</u>	<u>Grade</u>
17-1/2"	0' - 400'	13-3/8"	48#	used	STC	H40
12-1/4"	0' - 2700'	8-5/8"	32#	used	STC	J55

- 6a. Casing Program - Proposed

<u>Hole size</u>	<u>Interval</u>	<u>OD of Casing</u>	<u>Weight</u>	<u>Cond.</u>	<u>Collar</u>	<u>Grade</u>
7-7/8"	0 - 6800'	7"	26#	New	Ultra FJ	HCLP-110
Collapse sf - 2.15; Burst sf - 1.43; Tension sf - 4.15						
6-1/8"	6700' - 11200'	4-1/2"	13.5#	Used	LTC	P-110
Collapse sf - 2.35; Burst sf - 1.64; Tension sf - 4.48						

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High Lonesome "26" Federal #1H Re-Entry
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7. Cement Program

7" Production Casing set at +/- 6800' MD, Cement with +/- 400 sx: 50/50/10 "C", 2.45 yd & +/- 200 sx Class "H", 1.18 yd., Est. TOC @ 200' minimum tie back into intermediate casing.

4 1/2" Production Liner set from +/- 6700' to +/- 11200' MD, 7323' TVD, Liner run with +/- 5 isolation Packers and Sliding sleeves in un-cemented Lateral.

8. Pressure Control Equipment:

After Nipple up on 8-5/8" casing and installing 3000 psi casing head, NU 3000 psi double ram BOP and 3000 psi annular BOP. Test double ram BOP and manifold to 3000# with clear fluid and annular to 1500 psi using an independent tester. This equipment will be used continuously until TD is reached. Blind rams will be operationally checked on each trip out of hole. Pipe rams will be operationally checked each 24 hour period. These checks will be noted on daily tour sheets. Other accessories to the BOP equipment include a Kelly cock and floor safety valves, choke lines and choke manifold with 3000 psi WP rating.

9. Proposed Mud Circulating System

<u>Interval</u>	<u>Mud Wt.</u>	<u>Visc.</u>	<u>FL</u>	<u>Type Mud System</u>
0' - 2700'	8.5	28	NC	Fresh water to drill out surface plugs in 8-5/8" casing.
2700' – 6800''	9.1	29	NC	Drill plug back section with fresh water/cut brine circulating the reserve utilizing periodic sweeps of paper as needed for seepage control and solids removal.
6800' – 11200'	9.5	36	10	Drill kick off and horizontal section with cut brine / XCD polymer circulating the steel pits utilizing periodic sweeps as needed for seepage control and solids removal.

Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept at the well site at all times.

10. Auxiliary Well Control and Monitoring Equipment

- A. Kelly cock will be kept in the drill string at all times.
- B. A full opening drill pipe-stabbing valve with proper drill pipe connections will be on the rig floor at all times.

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11. Logging, Testing and Coring Program:

- A. The mud logging program will consist of 10' samples from beginning of lateral to TD.
- B. Drill Stem test is not anticipated.
- C. No conventional coring is anticipated.
- D. Further testing procedures will be determined after the 4 1/2" production Liner Packers have been set at TD based on drill shows and log evaluation.

12. Abnormal Conditions, Pressures, Temperatures and Potential Hazards:

No abnormal pressures or temperatures are anticipated. The estimated bottom hole at TD is 120 degrees and estimated maximum bottom hole pressure is 3160 psig. Low levels of Hydrogen sulfide have been monitored in producing wells in the area, so H2S may be present while drilling of the well. An H2S plan is attached to the Drilling Program. No major loss of circulation zones has been reported in offsetting wells.

13. Anticipated Starting Date

Drilling operations will commence approximately on August 10, 2008 with drilling and completion operations lasting approximately 45 days.

14. Drill out Procedure

Drill out cement plug at surface, from 348' to 469', from 2628' to 2752' and from 3846' to 4005'. Spot 350 sx. "H" Kick off plug from +/- 7430' to +/- 6700'. Dress off to 6800' and set 7" production casing. Drill 6-1/8" hole and kick off at +/- 6850', building curve over +/- 500' to horizontal at 7323' TVD. Drill horizontal section in an westerly direction for +/- 3800' lateral to TD at +/- 11200' MD. Run 4-1/2" production liner in Open hole lateral and set isolation packers.