

**RECEIVED**

JAN 22 2013

**NM OCD ARTESIA**

CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-015-30518

5. Indicate Type of Lease

STATE ☒FEE ☐

6. State Oil &amp; Gas Lease No.

596

7. Lease Name or Unit Agreement Name:

CONTINENTAL B STATE

8. Well Number

#005

9. OGRID Number

299137

10. Pool name or Wildcat

EMPIRE YESO

## SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

COG OPERATING, LLC

ATTN: BRIAN MAIORINO

3. Address of Operator

600 W. ILLINOIS AVE., MIDLAND, TEXAS 79701

4. Well Location

Unit Letter N : 330 feet from the SOUTH line and 1755 feet from the WEST lineSection 30 Township 17S Range 29E NMPM County EDDY

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

3,645' - GR

## 12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

DOWNHOLE COMMINGLE ☐

OTHER: ☐

## SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ P AND A ☐

CASING/CEMENT JOB ☐

OTHER: ☐**Notify OCD 24 hrs. prior  
To any work done.**

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC.. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

- 1) SET 5-1/2" CIBP @ 4,150'; PUMP 25 SXS.CMT. @ 4,150'-4,010'; CIRC. WELL W/ FXA MUD.
- 2) PUMP 25 SXS.CMT. @ 2,606'-2,486' (T/S.A.); WOC X TAG CMT. PLUG.
- 3) PUMP 25 SXS.CMT. @ 1,831'-1,666' (T/QN.).
- 4) PUMP 25 SXS.CMT. @ 910'-790' (8-5/8" CSG.SHOE). *WOC TAG*
- 5) MIX X CIRC. TO SURF. A 30 SX. CMT. PLUG @ 205'-3'.
- 6) DIG OUT X CUT OFF WELLHEAD 3' B.G.L.; WELD ON STEEL PLATE TO CSGS. X INSTALL DRY HOLE MARKER.

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE David A. Eyer TITLE AGENT DATE 01/11/13

deyler@milagro-res.com

Type or print name DAVID A. EYER E-mail address: deyler@milagro-res.com PHONE 432.687.3033

## For State Use Only

APPROVED BY [Signature] TITLE Approval Granted providing work DATE 1/29/2013

Conditions of Approval (if any):

is complete by 4/29/2013

### Plug and Abandon WBD



O-Grid #:	013837
Section:	Unit N, Sec. 30-T17S-R29E, 330' FSL & 1755' FWL
Block:	
Frac:	2000 gal 15% NE Acid, 30000 gals 20% NE Acid, 54000 gals gel
County:	Eddy County, NM
Elevation:	3645' GR
Completed:	2/20/1999
Lease #:	
KB Calc:	12'
Logs:	Dual Lateralog, Neutron-Density, Sidewall cores, FMI

**History** Drilled Paddock & Blinbry (1999)  
Paddock & Blinbry both acidized, looks like the only producing interval is the Paddock. CIBP may still be at 4460'.

<b>Failures</b>	4-27-2000 RP		
	12-22-2000 RP		
	1-7-2002 RP		
	4-12-2005 HIT		
	2-18-2010 HIT		

**NOTE:** The BHA is gathered from PERC file dated 2/19/2010?

### Current

Tubing Detail (top to bottom)			
Joints	Description	Footage	Depth
	KB	12.0	12.0
125	2-7/8" J-55, 6.5# tbg, 8RD	4062.5	4,074.50
1	2-7/8"x2' Marker Sub	2	4,076.50
3	2-7/8" J-55, 6.5# tbg, 8RD	97.5	4,174.00
1	2-7/8 X 5-1/2" Tubing Anchor	2.0	4,176.00
14	2-7/8" J-55, 6.5# tbg, 8RD	455.0	4,631.00
1	2-7/8" Seat Nipple	1.0	4,632.00
	1 2-7/8" Mule Shoe MA		4,632.00

Rod Detail (top to bottom)			
Pumping Unit	Description	Footage	Depth
	Weatherford 456-305-144		
<b>Rods</b>	<b>Description</b>	<b>Footage</b>	<b>Depth</b>
1	1/2" X 12' Liner	12.0	12.0
1	1-1/4" X 26' Spray Metal Polish Rod	26.0	38.00
1	2' X 1" Pony Rod	2.0	40.00
50	1" Steel Norris 97 rods	1250.0	1,290.00
124	7/8" D-78 Rods	3100.0	4,390.00
1	2-1/2" X 1-1/2" X 16' - 3' - 0 RXBC	16.0	4,406.00
			<b>4,406.00</b>

### "IF" NEW

Tubing Detail (top to bottom)			
Joints	Description	Footage	Depth
			0
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00

Rod Detail (top to bottom)			
Pumping Unit	Description	Footage	Depth
	Weatherford 640-365-144 in 124" stroke		
<b>Rods</b>	<b>Description</b>	<b>Footage</b>	<b>Depth</b>
		26	
		26.00	
		26.00	
		26.00	
		26.00	
		26.00	
		26.00	
		26.00	

Well ID Info:	
API No:	30-15-30518
Spud Date:	1/25/1999

Surf Csg: 13-3/8" 48#  
Set @ Set @ 155'  
Cement w/ 150 sxs Class C, 2% CC  
circ. 10 sxs

Inter Csg: 8-5/8" 24#/ft J-55 ST&C  
Set @ Set @ 851'  
Cement w/ 250 sxs 35-65-6 6# salt, 1/4# CF  
& 200 sxs Class C, 2% CC  
circ. 90 sxs

Paddock: 4190-4387' @ 1 SPF (2-19-1999)

CIBP ? 4460' 2-19-1999

Blinbry: 4469-4495.5' @ 1 SPF (2-18-1999)

Prod Csg: 5-1/2" 17#/ft  
Set @ 4,646'  
Cement w/ 1st Stage: 190 sxs 50/50 poz  
2nd Stage: Lead 460 sxs 35/65 6% gel  
2nd Stage: Tail 250 sxs 50/50 poz  
circ. 1st stage: 51 sxs to pit/ 2nd stage: 75 sxs

PBTD: 4,632'  
TD: 5,345'

Surf Csg:	13-3/8" 48#
Set @	Set @ 155'
Cement w/ circ.	150 sxs Class C, 2% CO 10 sxs

Inter Csg:	8-5/8" 24#ft J-55 ST&C
Set @	Set @ 851'
Cement w/	250 sxs35-65-6 # salt, 1/4# CF
	& 200 sxs Class C, 2% CC
circ.	90 sxs

Pump 25 SXS. CMT. @ 910-790  
WGC TAG

pump 25 5x5. cm 1831'-1666'.

ump. 25 x 5 cm @ 2606' - 2486' - TAG

Prod Csg: 5-1/2" 17#/ft  
Set @ 4,646'  
Cement w/ 1st Stage: 190 sxs 50/50 poz  
2nd Stage: Lead 460 sxs 35/65 6% gel  
2nd Stage: Tail 250 sxs 50/50 poz  
circ. 1st stage: 51 sxs to pit/ 2nd stage: 75 sxs

PBTD: 4,632'  
TD: 5,345'

NEW MEXICO OIL CONSERVATION DIVISION  
DISTRICT 2 OFFICE  
811 S. FIRST STREET  
ARTESIA, NM 88210  
(575)748-1283

CONDITIONS OF APPROVAL FOR PLUGGING & ABANDONMENT

Operator: COG Operating, LLC

Well Name & Number: Continental B State #5

API #: 30-015-30518

1. Produced water will not be used during any part of the plugging & abandonment operation.
2. Notify NMOCD Dist. 2 office at least 24 hrs before beginning work.
3. Closed Loop System is to be used for entire plugging operation. Upon completion, contents of steel pit are to be hauled to a permitted disposal location.
4. Trucking companies being used to haul oilfield waste fluids to a disposal – commercial or private – shall have an approved NMOCD C-133 permit. A copy of this permit shall be available in each truck used to haul waste products. It is the responsibility of the operator, as well as the contractor, to verify that this permit is place prior to performing work. Drivers shall produce a copy upon request of NMOCD Field Inspectors.
5. A subsequent C-103 will serve as notification that the well bore has been plugged ONLY. A C-103 FINAL shall be filed before any bonding can be released on the well. Upon receipt of the Final, an inspection will be performed to verify that the location has been satisfactorily cleaned to NMOCD standards.
6. If work has not begun within 90 days of the approval of this procedure, an extension request must be filed, stating reason that well has not been plugged.
7. Every attempt must be made to clean the well bore out to below the perfs, before any plugs can be set, by whatever means possible.

8. Cement Retainers may not be used.
9. Squeeze pressures not to exceed 500 psi., unless approval is given by NMOCD Plugging Supervisor.
10. Plugs may be combined after consulting with NMOCD P & A Supervisor.
11. Minimum WOC time for tag plugs will be 4 hrs.

**DG**

**Date:** 1/29/2013