

Submit 1 Copy To Appropriate District
Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised August 1, 2011

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-015-23088
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: ABO
8. Well Number #002
9. OGRID Number 229137
10. Pool name or Wildcat EAST EMPIRE YATES SR

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 : 965 feet from the SOUTH line and 1639 feet from the WEST line
Section 27 Township 17S Range 28E NMPM County EDDY

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3,678 - 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:

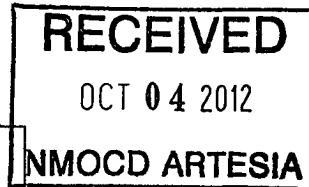
REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

**Notify OCD 24 hrs. prior
To any work done.**

OTHER: ☐

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 4-1/2" CIBP @ 750'; PUMP A 25 SX. CMT. PLUG @ 750'-500'; CIRC. WELL W/ PXA FLUID.
- 2) PERF. X ATTEMPT TO CIRC. TO SURF. A 55 SX. CMT. PLUG @ 125'-3'.
- 3) DIG OUT X OUT 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 09/28/12

deyler@milagro-res.com

Type or print name DAVID A. EYLER E-mail address: PHONE 432.687.3033

For State Use Only

APPROVED BY [Signature] TITLE DATE 10/9/2012

Conditions of Approval (if any):

Approval Granted providing work
is complete by 1/9/2013

Field

ABO #2

Reservoir: East Empire Yates SR



Location:	
Footage	
Section	N-27-17S-28E 01E N1
Block	
Survey	965'-F3L X 1639'FWL
County	Eddy County, NM
Unit	
Pump Speed	
KB	
KB Calc:	12'

History	
Failures	
Directions	

Current

Tubing Detail (top to bottom)			
Joints	Description	Footage	Depth
	KB	12.0	12
141	2-7/8" J-55, 6.5# tbq, 8RD	4159.5	4,171.50
1	2-7/8" Marker Joints, J-55, 6.5# tbq, 8RD	2.0	4,173.50
2	2-7/8" J-55, 6.5# tbq, 8RD	63.0	4,236.50
1	2-7/8" X 5-1/2" Tubing Anchor	2.7	4,239.20
20	2-7/8" J-55, 6.5# tbq, 8RD	630.0	4,869.20
1	2-7/8" SN	1.1	4,870.30
1	2-7/8" Cavins Desander D2707-25	19.3	4,889.55
4	2-7/8" J-55 tbq, 6.5#, 8RD w/ BP	126.5	5,016.05
			5,016.05

Rod Detail (top to bottom)			
Pumping Unit	Weatherford 456-305-144		
Rods	Description	Footage	Depth
1	1-1/2" X 26' Spray Metal Polish Rod	26.0	26
2	2-(9' & 18') FG Subs	27.0	53.00
58	1-1/4" FG rods	2175.0	2,228.00
91	7/8" Steel Norris 90 rods	2275.0	4,503.00
7	1-5/8" Sinker Bars	175.0	4,678.00
1	RHR Tool	1	4,679.00
1	PU Sub	1.00	4,680.00
1	2-1/2" X 2" X 24' RHBC (HVR)	24	4,704.00

"IF" NEW

Tubing Detail (top to bottom)			
Joints	Description	Footage	Depth
			0
105			0.00
1			0.00
2			0.00
1			0.00
36			0.00
1			0.00
1			0.00
1			0.00
5			0.00

Rod Detail (top to bottom)			
Pumping Unit	Weatherford 640-365-144 in 124" stroke		
Rods	Description	Footage	Depth
1			26
2			26.00
58			26.00
88			26.00
12			26.00
1			26.00
1			26.00
1			26.00

Well ID Info:	
API No:	30-015-23088
Spud Date:	12/22/1979

Surf Csg:	8-5/8" 24#
Set @	80'
Cement w/ circ.	

Inter Csg:	
Set @	
Cement w/ circ.	

Prod Csg:	4-1/2" 9.5#/ft
Set @	1000'
Cement w/ circ.	

PBTD.
TD: 1000'

Updated: R. Crawford 9/17/2012

Field

ABO #2

Reservoir: East Empire Yates SR



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Section:	N-27-17S-28E 01E N
Block:	
Survey:	965'-F3L X 1639' FWL
County:	Eddy County, NM
Unit:	
Pump Speed	
KB:	
KB Calc:	12'

History	
Failures	
Directions	

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Pumping Unit	Weatherford 456-305-144		
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1	RHR Tool	1	4,679.00
1	PU Sub	1.00	4,680.00
1	2-1/2" X 2" X 24' RHBC (HVR)	24	4,704.00

Tubing Detail (top to bottom)			
Joints	Description	Footage	Depth
			0
1			0.00
1			0.00
2			0.00
1			0.00
36			0.00
1			0.00
1			0.00
1			0.00
5			0.00

Rod Detail (top to bottom)			
Pumping Unit	Weatherford 640-365-144 in 124" stroke		
Rods	Description	Footage	Depth
1			26
2			26.00
59			26.00
80			26.00
12			26.00
1			26.00
1			26.00
1			26.00

Well ID Info:	
API No:	30-015-23088
Spud Date:	12/22/1979

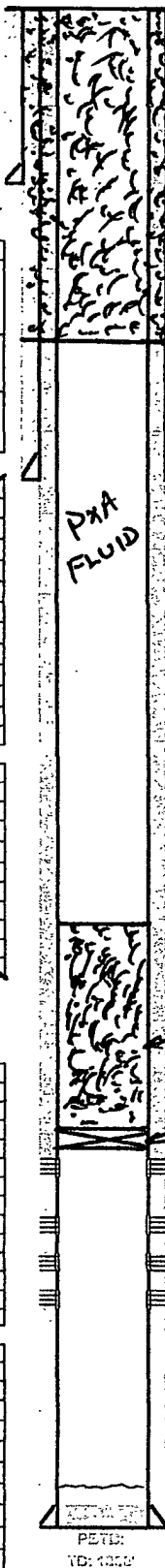
Surf Csg:	8-5/8" 24#
Set @	80'
Cement w/	
circ.	

Inter Csg:	
Set @	
Cement w/	
circ.	

Pump 25 sxs.cmt. @ 750'-500'

SET 4-1/2" OIBP @ 750'

Prod Csg:	4-1/2" 9.5#/ft
Set @	1000'
Cement w/	
circ.	



Updated: R. Crawford 9/17/2012

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: ABO #002

API #: 20-015-23088

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 in 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: 10/9/2012