

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. 30-015-20811
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. E7435
7. Lease Name or Unit Agreement Name: PAN AM STATE
8. Well Number #002
9. OGRID Number 299137
10. Pool name or Wildcat E. EMPIRE - YATES-7R

**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 I : 1650 feet from the SOUTH line and 330 feet from the EAST line  
Section 28 Township 17S Range 28E NMPM County EDDY

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3,682' - 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

SUBSEQUENT REPORT OF:

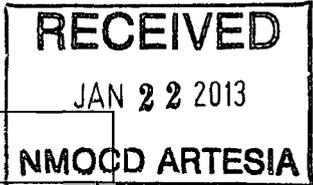
- REMEDIAL WORK  ALTERING CASING   
 COMMENCE DRILLING OPNS.  P AND A   
 CASING/CEMENT JOB

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

OTHER:  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 5-1/2" CIBP @ 750'; PUMP 25 SXS. CMT. @ 750'-550'; CIRC. WELL W/ PXA MUD.  
 2) MIX X CIRC. TO SURF. A 45 SX. CMT. PLUG @ 300'-3'.  
 3) 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  
 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 is complete by 5/29/2013 DATE 1/29/2013  
 Conditions of Approval (if any):

Date: **M. Berkebile 12-18-2012**

Verticle

Location:	
OGRID #	
Section:	Unit I, SEC, 28-T17S-R28-E 1650'FSL & 330'FEL
Completed	4/13/1973
Survey Logs:	GR/Neutron log
County:	Eddy County, NM
Unit and speed:	
Permit #:	
Elevation:	3682 GL
KB Calc:	12'
Property Code:	

Well ID Info:	
API No:	30-015-20811
Spud Date:	3/3/1973

**History** *Drilled Seven Rivers March 1973*  
 Records show well was set with 8 5/8" & 7" csg. However once 5 1/2" was installed, the 8 5/8" & 7" were pulled. Casing leak at well head, circ cmt to surf (1979).

**Failures**

**NOTE:**

**Current**

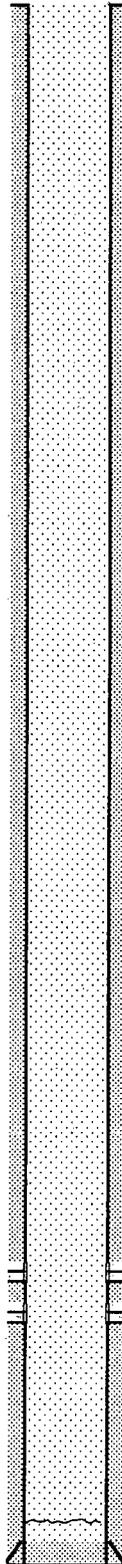
Tubing Detail (top to bottom)			
Joins	Description	Footage	Depth
	KB	12.0	12
?	2-5/8" tbg	735.0	747.00

Rod Detail (top to bottom)			
Pumping Unit	Description	Footage	Depth

**NEW**

Tubing Detail (top to bottom)			
Joins	Description	Footage	Depth
	KB	12.0	12

Rod Detail (top to bottom)			
Pumping Unit	Description	Footage	Depth
Weatherford 640-365-144 in 124" stroke			
Rods	Description	Footage	Depth



Seven Rivers: 757-761', 8 holes @ 2spf (4/1973)

Seven Rivers: 769-771', 4 holes @ 2spf (4/1973)

Prod Csg: 5 1/2" 14.5# API Used  
 Set @ 25 jts @ 850'  
 Cement w/ 250 sxs Incor cmt  
 circ. No, cmt top ~ 110'  
 Cmt to surf w/Ready Mix Cmt

PBTD: 792  
 TD: 810

Date: **M. Berkebile 12-18-2012**

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Failures	
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**Current**

Tubing Detail (top to bottom)			
Joints	Description	Footage	Depth
	KB		
?			

**Rod Detail (top to bottom)**

Pumping Unit	Description	Footage	Depth

**NEW**

Tubing Detail (top to bottom)			
Joints	Description	Footage	Depth
	KB	12.0	12

**Rod Detail (top to bottom)**

Pumping Unit	Description	Footage	Depth
	Weatherford 640-365-144 in 124" stroke		



Pump 45 sxs.cmt. @ 300'-3'

Pump 25 sxs.cmt. @ 750'-550'

SET 5 1/2" CDBP @ 750'

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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: PAN AM STATE #2

API #: 30-015-20811

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 perms, 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:** 1/29/2011