

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. 30-015-03169
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B-514
7. Lease Name or Unit Agreement Name: G.J. WEST COOP UNIT
8. Well Number #016
9. OGRID Number 229137
10. Pool name or Wildcat GJ; TRVS-ON-GB-GLORIETA-YESO, EAST
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,556' - GR

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

3. Address of Operator
600 W. ILLINOIS AVE., MIDLAND, TEXAS 79701

4. Well Location
Unit Letter H : 1650 feet from the NORTH line and 330 feet from the EAST line
Section 28 Township 17S Range 29E NMPM County EDDY

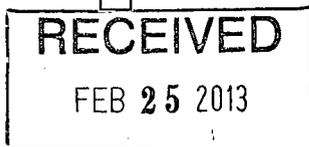
12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

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



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.

- SET 4-1/2" CIBP @ 4,000'; PUMP 35 SXS.CMT. @ 4,000'-3,650' (DV TOOL); CIRC. WELL W/ PXA MUD.
- PUMP 25 SXS.CMT. @ 2,800'-2,600' (T/S.A. X 7"CSG.SHOE); WOC X TAG CMT. PLUG.
- CUT X PULL 4-1/2" CSG. @ +/-2,200'.
- PUMP 50 SXS.CMT. @ 2,250'-2,040' (4-1/2"CSG.CUT X B/ ANHY.); WOC X TAG CMT. PLUG.
- PERF. 7" CSG. X ATTEMPT TO SQZ. 40 SXS.CMT. @ 515'-415' (T/ANHY. X B/SALT); WOC X TAG CMT. PLUG.
- PERF. X CIRC. TO SURF., FILLING ALL ANNULI, 100 SXS.CMT. @ 330'-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. Eyler TITLE AGENT DATE 02/15/13

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

For State Use Only
 APPROVED BY R. Dade TITLE Dist. H. Supervisor DATE 03/01/2013

Conditions of Approval (if any):
 Approval Granted providing work is complete by May 31 - 2013

Field

Empire

GJ West COOP Unit #16

Reservoir: Grayburg Jackson

Location:

Footage:	16505 FNL 330 FEL
Section:	Sec. 28 - T17S - R29E
Block:	Unit H
Survey:	
County:	Eddy County, NM
Elevations:	3556'
GL:	
KB:	
KB Calc:	

Well ID info:	
API No:	30-015-03169
Spud Date:	11/25/1946

KB -

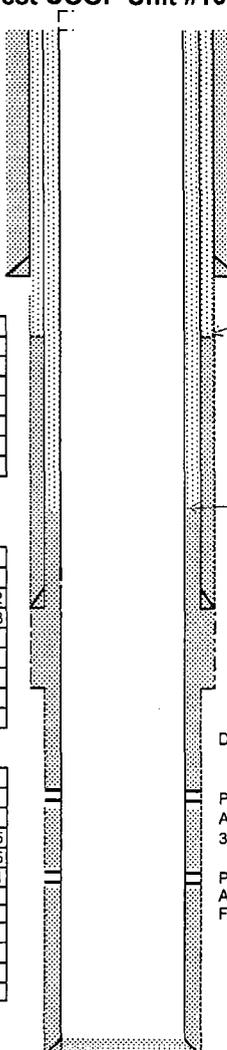
Surf Csg:	8-5/8" 28#
Set @:	281'
Cement w/ circ.	50 sxs

History

Current

Tubing Detail (top to bottom)			
Joints	Description	Footage	Depth
157	2-7/8" tbg	4932	4932
1	SN	1	4933

Rod Detail (top to bottom)			
Pumping Unit	Description	Footage	Depth
Weatherford 320-213-120			
Rods	7/8" Rods	1875	1875
75	3/4" Norris N97 Rods	2950	4825
118	2-1/2" x 1-1/2" x 16' RHBC HVR Pump	16	4841
1	PUMP IS STUCK		



Top of cmt est @ 1500'

LS Csg:	7" 20#
Set @:	2673'
Cement w/ circ.	100 sxs

Top of cmt @ 2520', CBL

GB/SA
 Grayburg San Andres 2700 - 70', 210 holes, no results. (Completed in Open Hole 2673 - 2823'. (Behind pipe)
 Acidized 6,050 gal 15% NEFE

DV 3693'

Paddock 4058-4816', 30 holes
 Acidized 4058 - 4441 w/1,000 gal 15% HCL
 32,000 gal 20% HCL, 54,000 gal lg, 5000 gal 15% NEFE

Paddock 4876-94' 20 holes
 Acidize w/1000 gal 15% NEFE
 Frac w/42,000 gal GW, 48,500 # sd

Prod Csg:	4-1/2" 11.6#
Set @:	5190'
Cement w/ circ.	1st stage: 170 sxs. Premium Plu 1st stage: 41 sxs (did not cor)

Updated: W. Goode 12/19/12

SET 10/1994

Field

Empire

GJ West COOP Unit #16

Reservoir: Grayburg Jackson

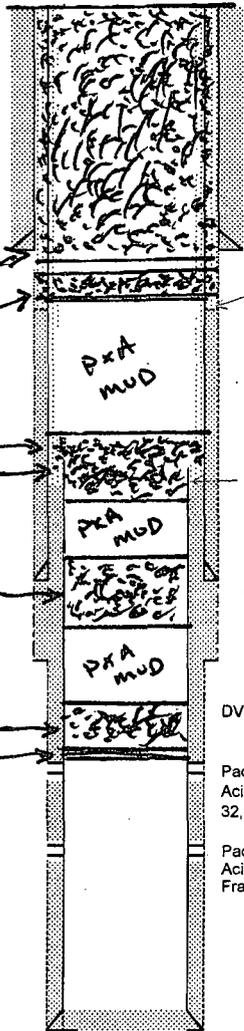
Location:	
Footage:	16505 FNL 330 FEL
Section:	Sec. 28 - T17S - R29E
Block:	Unit H
Survey:	
County:	Eddy County, NM
Elevations:	3558'
GL:	
KB:	
KB Calc:	

Well ID Info:	
API No:	30-015-03169
Spud Date:	11/25/1946

KB -

Surf Csg:	8-5/8" 26#
Set @:	281'
Cement w/ circ.	50 sxs

PERF. X CIRC. 100 SXS. CMT. @ 330'-3'
 PERF. X SQZ. 40 SXS. CMT. @ 515'-415' TAG
 Pump 50 SXS. CMT. @ 2250'-2040' TAG
 CUT X PULL 4-1/2" CSG @ 2,200'
 Pump 25 SXS. CMT. @ 2800'-2600' TAG
 Pump 35 SXS. CMT. @ 4000'-3650'
 SET 4-1/2" CI3P @ 4000'



Top of cmt est @ 1500'

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Cement w/ circ.	100 sxs

Top of cmt @ 2520', CBL.

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Set @:	5190'
Cement w/ circ.	1st stage: 170 sxs. Premium Plus 2nd stage: 41 sxs (did not cer)

PTBD: 5190'
TD: 5215'

DME 02/15/13
SH

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

Well Name & Number: GJ West Coop Unit #016

API #: 30-015-03169

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 perms, before any plugs can be set, by whatever means possible.
8. **Cement Retainers may not be used.**

9. Squeeze pressures are not to exceed 500 PSI, unless approval is given by NMOCD.

10. Plugs may be combined after consulting with and getting approval from NMOCD.

11. Minimum WOC time for tag plugs will be 4 Hrs.

DATE: 03/01/2013

APPROVED BY:

A handwritten signature in black ink, appearing to read "A. Wade", written over the printed text "APPROVED BY:".

GUIDELINES FOR PLUGGING AND ABANDONMENT

DISTRICT II / ARTESIA

- All cement plugs will be a minimum of 100' in length or a minimum of 25 sacks of cement, whichever is greater.
- Mud laden fluids must be placed between all cement plugs.
- Mud laden fluids must be mixed at 25 sacks of gel per 100 bbls of water.
- A cement plug is required to be set 50' below and 50' above all casing shoes and casing stub plugs. These plugs must be tagged.
- A CIBP with 35' of cement on top may be set in lieu of 100' cement plug.
- A plug as indicated above must be placed within 100' of top perforation. This plug must be tagged.
- Plugs set below and above salt zones must be tagged.
- No more than 2000' is to be allowed between cement plugs in open hole and no more than 3000' in cased hole.
- DV tools are required to have a 100' cement plug set 50' above and below the tool and must be tagged.

- Formations to be isolated with plugs placed at the top of each formation are:
 - Fusselman
 - Devonian
 - Morrow
 - Wolfcamp
 - Bone Spring
 - Delaware
 - Any Salt Section (Plug at top and bottom)
 - Abo
 - Glorieta
 - Yates (this plus is usually at base of salt section)

- If cement does not exist behind casing strings at recommended formation depths, the casing must be cut and pulled with plugs set at these depths or casing must be perforated and cement squeezed behind casing at the formation depths.
- In the R-111-P area (Potash Mine area) a solid cement plug must be set across the salt section. Fluid used to mix the cement shall be saturated with the salts common to the section penetrated and in suitable proportions, but not more than a 3% calcium chloride by weight of cement will be considered the desired mixture whenever possible (50' below and 50' above).