

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 July 18, 2013

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

|   |
|---|
| WELL API NO.<br>30-005-61284  |
| 5. Indicate Type of Lease<br>STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> |
| 6. State Oil & Gas Lease No.  |
| 7. Lease Name or Unit Agreement Name<br>McDermott 30 COM  |
| 8. Well Number 1  |
| 9. OGRID Number 11492   |
| 10. Pool name or Wildcat<br>Pecos Slope - ABO   |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.)<br>3780'   |

**SUNDRY NOTICES AND REPORTS ON WELL** **HOBBS OCD**  
 (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 Jack J Grynberg  
 3. Address of Operator 3600 South Yosemite, Suite 900, Denver, CO 80237  
 4. Well Location  
 Unit Letter A : 990 feet from the North line and 660 feet from the East line  
 Section 30 Township 6S Range 25E NMPM Chaves County  
 11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
 3780'

FEB 25 2016  
**RECEIVED**

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

|  |  |  |  |
|--|--|--|--|
| <b>NOTICE OF INTENTION TO:</b>                 |  | <b>SUBSEQUENT REPORT OF:</b>                     |  |
| PERFORM REMEDIAL WORK <input type="checkbox"/> | PLUG AND ABANDON <input checked="" type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/>           | ALTERING CASING <input type="checkbox"/> |
| TEMPORARILY ABANDON <input type="checkbox"/>   | CHANGE PLANS <input type="checkbox"/>                | COMMENCE DRILLING OPNS. <input type="checkbox"/> | P AND A <input type="checkbox"/>         |
| PULL OR ALTER CASING <input type="checkbox"/>  | MULTIPLE COMPL <input type="checkbox"/>              | CASING/CEMENT JOB <input type="checkbox"/>       |  |
| DOWNHOLE COMMINGLE <input type="checkbox"/>    |  |  |  |
| CLOSED-LOOP SYSTEM <input type="checkbox"/>    |  |  |  |
| OTHER: <input type="checkbox"/>                |  | OTHER: <input type="checkbox"/>                  |  |

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.

Jack J Grynberg intends to plug and abandon the subject well using the attached procedure.

Please contact Joe Mazotti at j.mazotti@grynberg.com or 303-850-7490 with and questions.

Approved for plugging of well bore only.  
 Liability under bond is retained pending receipt of C-103 (Subsequent Report of Well Plugging) which may be found at OCD Web Page under Form 18. www.emnrd.state.nm.us/oed.

**NM OIL CONSERVATION**  
 ARTESIA DISTRICT  
 MAR 02 2016  
**RECEIVED**

Spud Date:  Rig Release Date:

**WELL MUST BE PLUGGED BY 3-11-2017**

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

SIGNATURE [Signature] TITLE Regulatory Manger DATE 2-22-2016

Type or print name Joe Mazotti E-mail address: j.mazotti@grynberg.com PHONE: 303-850-7490

**For State Use Only**

APPROVED BY: [Signature] TITLE COMPLIANCE OFFICER DATE 3/11/2016

Conditions of Approval (if any): 575-626-0836

*dm*

**Request Permission to Plug and Abandon well as follows. 2/23/2016**

Casing: 10 3/4" Surface to 912', TOC 818'. 7 5/8" Surf to 1871', TOC surf est., 4 1/2" Surf to 3962, TOC 3090'.

Perforations 3450-3699, 27 holes. 2 3/8" tbg at 3390'.

Note: Use cement at 14.8 PPG minimum.

**Procedure**

Notify BLM Rep. **NOTIFY NMOED 24 HRS PRIOR TO BEGINNING WORK (ARTESIA)**

Clean off and blade location and road.

Blade with minimal disturbance to allow access and safe working area.

Set and test anchors.

MIRU pulling unit.

Bleed pressure off well.

Remove tbg head and install BOPE. Test to 3000PSI.

Function BOP and hold safety meet regarding BOP drill and pressure control.

Pull 2 3/8 Tbg

Set CIBP at 3425'. **- 25 SKS PLUG & TAG**

Cut 4 1/2" casing at 3000', Place 100' + 25% excess cement plug from ~~3000'~~ <sup>3050' to 2950'</sup> to 2900'. **AND TAG**

Pull up to 1920'. Place 100' + 25% excess cement plug from 1920' to 1820'. **& TAG**

Pull up to 960'. Place 100' + 25% excess cement plug from 960' to 860'.

Lay down remainder of 4 1/2" casing.

Attempt to push 1" pipe down 10 3/4" annulus as far as possible and pump cement to fill. May not get 1" down annulus because the drilling report says 1" with 725sx to surface.

**SET 60' PLUG IN SIDE CASE**  
Cut off casing and wellhead below GL, place 10sx in 7 5/8" and install dry hole marker.

**CHANGE BY RLB - COMPLIANCE OFFICER - ARTESIA oed**

**Grynberg Petroleum Company**  
**McDermett 30 Com #001**

Aztec Rig #50

Lat. 33.7709351, Long. -104.4350128 NAD 83

**Current Schematic 2-12-16 and Proposed Abandonment Plan in RED**

Sec 30, 6S, 25E  
 990FNL 660FEI  
 Chavez Cnty, NM  
 API 30-005-61284

*SET 60' PLUG INSIDE CSG*

17 1/2" hole, 10 3/4" 32# casing  
 Cmt'd w/ 1000'sx, TOC 812'.  
 Top out w/ 1" with 725 sx and brought cmt to surface.

Place 10sx cmt on top, install dry hole marker.  
 GL: 3791"  
 Spud Date: 8/2/82

P&A w/ 100' Cmt Plug+ 25% ex. from 960'-860'.

*Proposed Abandonment Plan in RED*

7-5/8" 26.4# csg in 9 7/8" hole @ 1871'  
 Cmt'd with 700 sx  
 700 sx is adequate cmt volume to fill to surface but not confirmed with CBL.

P&A w/ 100' Cmt Plug+ 25% ex. from 1920'-1820'.

Remove 4 1/2" Casing  
 Remove 2 3/8" tbg

4 1/2" 10.5# Casing in 6 1/2" hole set at 3962'  
 Cmt'd with 1203 Sx. TOC 3090' per bond log.

P&A w/ 100' Cmt Plug+ 25% ex. from 3000'-2900'.  
 P&A by Cut 4 1/2" Casing at 3000' and Remove.  
 TOC 3090' Bond Log

*TAG → PLUG 50' IN 50' OUT OF CSG STB 3050-2950'*

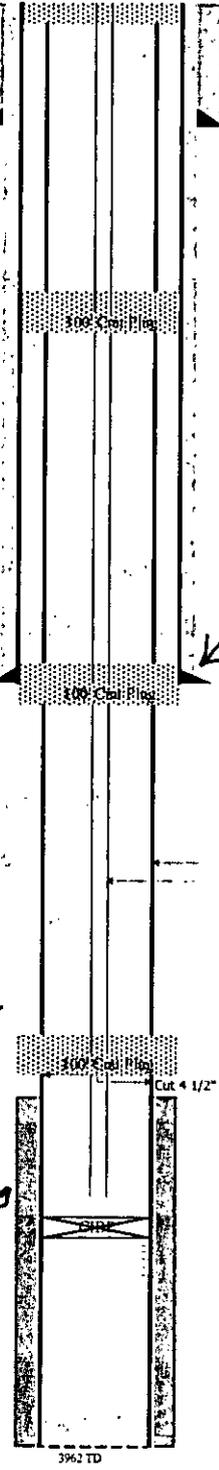
*25 SX PLUG ON CIBP*

Remove 2 3/8" Tbg at 3390.

P&A with CIBP at 3425'.

Perf Interval - 3450'-3699'; 1 SPF, 27 shots

Richard Miller, Drlg. Engr.  
 303-850-7490  
 r.miller@grynberg.com



Not to Scale

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: \_\_\_\_\_  
Well Name & Number: \_\_\_\_\_  
API #: \_\_\_\_\_

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 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.**
12. **19.15.7.16 : B.** In the case of a dry hole, a complete record of the well on form C-105 with the attachments listed in Subsection A of 19.15.7.16 NMAC shall accompany the notice of intention to plug the well, unless previously filed. The division shall not approve the plugging report or release the bond the operator has complied with 19.15.7.16 NMAC.

DATE:

APPROVED BY:

### N.M.O.C.D.- Guidelines For Plugging

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

Formations to be isolated with plugs placed at the top of each formation are:

- Fusselman
- Devonian
- Morrow
- Wolfcamp
- Bone Springs
- Delaware
- Any salt section (plug at top and bottom)
- Abo
- Glorietta
- Yates ( this plug 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 squeezed behind casing at the formation depths.

In the R-111P 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.