

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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.)		WELL API NO. 30-005-61284
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator Jack J Grynberg		6. State Oil & Gas Lease No.
3. Address of Operator 3600 South Yosemite, Suite 900, Denver, CO 80237		7. Lease Name or Unit Agreement Name McDermott 30 COM
4. Well Location Unit Letter <u>A</u> : <u>990</u> feet from the <u>North</u> line and <u>660</u> feet from the <u>East</u> line Section <u>30</u> Township <u>6S</u> Range <u>25E</u> NMPM Chaves County		8. Well Number <u>1</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3780' GR		9. OGRID Number <u>11492</u>
		10. Pool name or Wildcat Pecos Slope - ABO

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
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 request permission to plug and abandon the subject well using the attached procedure.

Please contact Richard Miller at r.miller@grynberg.com or 303-850-7490 with and questions.

**NM OIL CONSERVATION**

ARTESIA DISTRICT

APR 18 2016

RECEIVED

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  
Forms, www.emnrd.state.nm.us/oed.

Spud Date:

Rig Release Date:

**WELL MUST BE PLUGGED BY 4/18/2017**

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

SIGNATURE [Signature] TITLE Regulatory Manager DATE 4-15-2016

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 4/18/2016

Conditions of Approval (if any):

**SEE ATTACHED COA-S**

Grynberg, McDermett 30 Com #1

4/11/2016

Request Permission to Plug and Abandon well as follows.

Revised 4/15/2016

Casing: 10 3/4" Surface to 912', TOC 0'. 7 5/8" Surf to 1871', TOC surf est., 4 1/2 Casing to 3962, TOC 3090'.

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

Note: Use Class B cement at 15.6 PPG and 1.18 cf/sx yield.

#### Procedure

Notify 48 and 24 hrs. ahead BLM and NMOC Rep. Bob Byrd 575-626-0836

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 tree and install BOPE. Test to 3000PSI.

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

Release anchor if it is there. Pull 2 3/8 Tubing to be sure it is free.

Tally out tubing and lay down anchor.

TIH with 2-7/8" bit and tubing to below 3699'; clean out fill as necessary to uncover bottom perforation. Will need 310' of extra tubing.

TOH with tubing standing back.

RU wireline unit and set CIBP at 3425'.

**Plug #1** TIH tubing to 3425' and set a 25 sxs Class B balanced cement plug on top CIBP inside casing from 3425' to 3100' to isolate perforations and to cover **Abo top** at 3385'.

PUH to 2000'; WOC 4 hours and TIH to tag TOC at 3325' or higher. Pressure test casing to 500 PSI for 30 minutes.

Above TOC, spot approximately 22 bbl. gel mud (25 sxs/100 bbl.) up to 1970'. TOH with tubing. Lay down all but 1970'.

#### Plug #2

Rig up wireline and perforate 4 holes at 3000' (100' above TOC). TIH with tubing to ~~305'~~ <sup>3050'</sup> and set an inside / outside plug with 40 sxs Class B cement from 3050' - up to 2620'.

Then TOH with tubing and squeeze 4.2 bbl. (20 sxs) outside the 4-1/2" casing. WOC 4 hours and TIH to tag TOC; must tag at 3950' or higher.

Above TOC, spot approximately 11.6 (plus amt. sqzed) bbl. gel mud (25 sxs / 100 bbl.) up to 1970'. TOH with tubing. Lay down all but 960'.

If able to circ thru perms to surface consider filling entire well with cement.

#### Plug #3

Rig up wireline and perforate 4 holes at 1920' (50' below 7-5/8" casing shoe). TIH with tubing to 1970' and set an inside / outside plug with 40 sxs Class B cement from 1970' up to 1440'.

Then TOH with tubing and squeeze 4.2 bbl. (20 sxs) outside the 4-1/2" casing. WOC 4 hours and TIH to tag TOC; must tag at 1870' or higher.

Above TOC, spot approximately 7.5 (plus amt. sqzed) bbl. gel mud (25 sxs / 100 bbl.) up to 960'. TOH with tubing. Lay down all but 960'.

#### Plug #4

Rig up wireline and perforate 4 holes at 910' (50' below 10-3/4" casing shoe). TIH with tubing to 960' and set an inside / outside plug with 40 sxs Class B cement from 960' up to 430'.

Then TOH with tubing and squeeze 4.2 bbl. (20 sxs) outside the 4-1/2" casing. WOC 4 hours and TIH to tag TOC; must tag at 860' or higher. Fill with mud to surface.

#### Plug #5

PUH with tubing to 60' and fill 4-1/2" casing to surface with 5 sxs. TOH & LD.

Use 1" pipe to fill the 4-1/2" x 7-5/8" annulus and the 7-5/8" x 10-3/4" annulus as far down as possible and pump cement to fill.

May not get 1" down annulus because the drilling report says 1" with 725 sxs to surface.

Cut off casing and wellhead below GL, place 10 sxs in 7-5/8" and install dry hole marker.

Rig down and MOL.

# Grynberg Petroleum Company

## McDermett 30 Com #001

Lat. 33.7709351, Long. -104.4350128 NAD 83

### Current Schematic 4-12-16 and Proposed Abandonment Plan in RED, Revised 4/15/2015

Sec 30, 6S, 25E

990FNL 660FEL

Chavez Cnty, NM

API 30-005-61284

Install Dry Hole Marker

912' of 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.

PLUG #5 - 60' on top, top out with 1" betw 7 5/8 & 4 1/2".  
GL: 3791"  
Spud Date: 8/2/82

PLUG #4 - 100' Cmt Plug Inside and Outside 4 1/2  
from 960'-860' thru perms.  
WOC 4 hrs and tag.

Proposed Abandonment Plan in RED

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

PLUG #3 - 100' Cmt Plug Inside and Outside 4 1/2  
from 1970'-1870' thru perms.  
WOC 4 hrs and tag.

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

PLUG #2 - 100' Cmt Plug Inside and Outside 4 1/2  
from 3050'-2950' thru perms.  
WOC 4 hrs and tag.

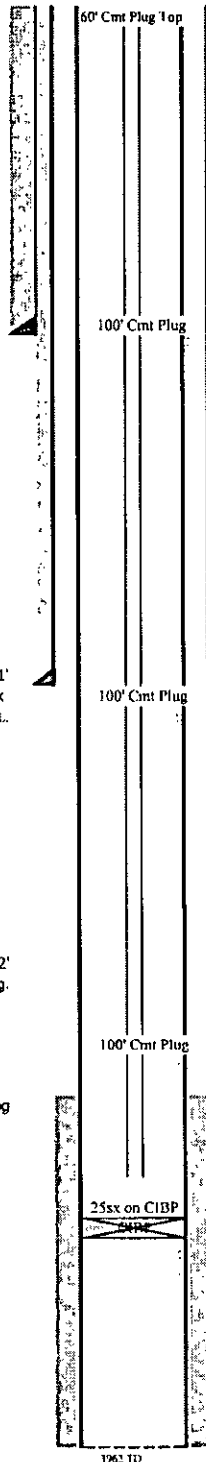
TOC 3090' Bond Log

Remove 2 3/8" Tbg at 3390.

PLUG #1 - 25 sx of cmt on top of CIBP  
WOC 4 hrs and tag.  
P&A with CIBP at 3425'.

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

Richard Miller, Drig. Engr.  
303-850-7490  
rmiller@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: JACK J Grynberg  
Well Name & Number: 30-085-10284  
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 perfs, 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: 4/18/16

APPROVED BY: RB

## 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 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 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).