

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

Form C-103  
Revised July 18, 2013

<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. 30-005-61173
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Jack J. Grynberg		6. State Oil & Gas Lease No. LG 0565
3. Address of Operator 3600 South Yosemite Street, Suite 900 Denver, CO 80237-1830		7. Lease Name or Unit Agreement Name Grynberg 14 State Com
4. Well Location Unit Letter <u>N</u> : <u>660</u> feet from the <u>South</u> line and <u>1,980</u> feet from the <u>West</u> line Section <u>14</u> Township <u>5S</u> Range <u>24E</u> NMPM County <u>Chaves</u>		8. Well Number 1
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,972 GR		9. OGRID Number 11492
		10. Pool name or Wildcat [82730] PECOS SLOPE; ABO (GAS)

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 ☐  
CLOSED-LOOP SYSTEM ☐  
OTHER: ☐

SUBSEQUENT REPORT OF:

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

Estimated start date May 3, 2017 with a duration of 10 days.

Set CIBP at 3,610' (25' above top perf.) on Wireline.

**Plug #1:** 25 sxs from 3,610' to 3,276'

Notify New Mexico Rep 24 hours prior to **plugging**. TIH tubing to 3,610' and set a 25 sxs Class B cement plug on top CIBP inside casing, from 3,610' to 3,276' to isolate perforations and to cover Abo top at 3,605' - **PRESSURE TEST ESC TO 5004 - 30 MIN MIT NOT REQUIRED ON PLAS**  
(25 sx in casing covers 25 x 1.2 / .0896 cuft/ft = 334 feet)  
PUH to 2,000'; WOC 4 hours and TIH to tag TOC at 3,276' or higher.

Above TOC, spot approximately 18 bbl (3,276-2,165=1,111'x.0159 b/f=17.6 bbls) gel mud (25 sxs/100 bbl.) up to 2,165' inside casing. TOH with tubing. Lay down all but 2,065'.

**Plug #2:** 40 sxs from 2,165' to 2,065'

Rig up wireline and perforate 4 holes at 2,165' (100' above TOC, and assuming CBL shows TOC at 2,065', if not adjust plans). TIH with tubing to 2,165'. Set cement 100' plug inside and outside 4 1/2" casing with 40 sxs Class B cement from 2,165' - up to 2,065'. Then TOH with tubing to 1,065' and WOC 4 hours. TIH to tag TOC at 2,065' or higher. - **SQUEEZE INTO PERFS**  
Above TOC, spot approximately 18 bbl (2,065-954=1,111'x.0159 b/f=17.6 bbls) gel mud (25 sxs/100 bbl.) up to 954'. TOH with tubing. Lay down all but 854'.

**Plug #3:** 70 sxs from 954' to 854'. **ADD PLUG - PERFS SQUEEZE AT 1520' TO 1420' - COVERS - CLORITA**

Rig up wireline and perforate 4 holes at 954' (50' below 10 3/4" casing shoe). TIH with tubing to 954' and set 100' plug inside and outside with 70 sxs Class B cement from 954' up to 854'. - **SQUEEZE INTO PERF**  
Then TOH with tubing laying down all but 854'. WOC 4 hours and TIH to tag TOC; must tag at 854' or higher.  
Above TOC, spot approximately 13 bbl (854-60=794'x.0159 b/f=12.6 bbls) gel mud (25 sxs/100 bbl.) up to 60'. TOH laying down tubing.

**Plug #5** 60' and fill 4-1/2" casing and 200' in the 4-1/2" x 10 3/4" annulus

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

Run in 1" pipe as far as possible to 200' in the 4-1/2" x 10 3/4" annulus and pump cement to fill to surface.

Cut off casing and wellhead below GL and install dry hole marker.

Approved for plugging of wellbore diagram of  
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.

RDMO service rig.

Submit completion forms to New Mexico OCD.

Spud Date: 12/21/1981

Rig Release Date:

WELL MUST BE PLURBED BY 4/11/2018

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

SIGNATURE \_\_\_\_\_ TITLE Operations Engineer DATE April 4, 2017

Type or print name Randy Edelen E-mail address: r.edelen@grynberg.com PHONE: 303 950-7490

For State Use Only

APPROVED BY: Randy J Edelen TITLE COMPLIANCE OFFICER DATE 4/11/2017

Conditions of Approval (if any):

SEE ATTACHED COA-5

Grynborg 14 State Com 1

Sec 14 T 5S R 24E

Chaves County, NM

API 30-005-61173

## Request Permission to abandon well

## Status:

Drilled 14 3/4" hole to 904'. Set 904' of 10 3/4" 32.75# casing. Top of cement surface.

Drilled 7 7/8" hole to 4,100'. Set 4,100' of 4 1/2" 10.5# casing 2 3/8" tubing at 3602'.

Existing Perforations: 3,634'-3,919'.

## Procedure:

Notify NMOCD Representative

Pull 2 3/8" tbg.

## REQUEST PERMISSION TO ABANDON WELL AS FOLLOWS

Set CIBP at 3,610' (25' above top perf.) on Wireline.

Plug #1: 25 sxs from 3,610' to 3,276'

Notify New Mexico Rep 48 hours prior to MIT. TIH tubing to 3,610' and set a 25 sxs Class B cement plug on top CIBP inside casing from 3,610' to 3,276' to isolate perforations and to cover Abo top at 3,605'. - *PRESSURE TEST ESC - 500 # NO 30 MIN MIT REQUIRED ON AT PDA*

(25 sx in casing covers  $25 \times 1.2 / .0896$  cuft/ft = 334 feet)

PUH to 2,000'; WOC 4 hours and TIH to tag TOC at 3,276' or higher.

Above TOC, spot approximately 18 bbl ( $3,276-2,165=1,111' \times .0159$  b/f=17.6 bbls) gel mud (25 sxs/100 bbl.) up to 2,165' inside casing. TOH with tubing. Lay down all but 2,065'.

Plug #2: 40 sxs from 2,165' to 2,065'

Rig up wireline and perforate 4 holes at 2,165' (100' above TOC, and assuming CBL shows TOC at 2,065', if not adjust plans). TIH with tubing to 2,165'. Set cement 100' plug inside and outside 4 1/2" casing with 40 sxs Class B cement from 2,165' - up to 2,065'. - *SQUEEZE INTO PERFS*

Then TOH with tubing to 1,065' and WOC 4 hours. TIH to tag TOC at 2,065' or higher.

Above TOC, spot approximately 18 bbl ( $2,065-954=1,111' \times .0159$  b/f=17.6 bbls) gel mud (25 sxs/100 bbl.) up to 954'.

TOH with tubing. Lay down all but 854'.

Plug #4: 70 sxs from 954' to 854'.

*#3. PERF 2 SQ AT 1520' TO 1420' (COVERS GLORIA)*  
*WOC 2 TAG*

Rig up wireline and perforate 4 holes at 954' (50' below 10 3/4" casing shoe). TIH with tubing to 954' and set 100' plug inside and outside with 70 sxs Class B cement from 954' up to 854'. - *SQUEEZE INTO PERFS*

Then TOH with tubing laying down all but 854'. WOC 4 hours and TIH to tag TOC; must tag at 854' or higher.

Above TOC, spot approximately 13 bbl ( $854-60=794' \times .0159$  b/f=12.6 bbls) gel mud (25 sxs/100 bbl.) up to 60'. TOH laying down tubing.

Plug #5 60' and fill 4-1/2" casing and 200' in the 4-1/2" x 10 3/4" annulus

TIH with tubing to 60' and fill 4-1/2" casing to surface. TOH &amp; LD.

Run in 1" pipe as far as possible to 200' in the 4-1/2" x 10 3/4" annulus and pump cement to fill to surface.

Cut off casing and wellhead below GL and install dry hole marker.

RDMO service rig.

Submit completion forms to New Mexico OCD.

**Grynberg Petroleum Company**  
**Grynberg 14 State #1**

33.8667717, -104.3954544 NAD83

Current Schematic and Recompletion Plan, P&A Plan in RED, Revised 3/23/2017

Sec 14, 5S, 24E  
 660FSL 1980FWL  
 Chavez Cnty, NM  
 API 30-005-61173

NM OIL CONSERVATION  
 ARTESIA DISTRICT

APR 10 2017

RECEIVED

Install Dry Hole Marker

PLUG #4 - 60' on top inside 4 1/2" csg.  
 top out between 10 3/4" & 4 1/2" with 200' of 1".

GL: 3981'  
 Spud Date: 12/20/81

904' of 14 3/4" hole, 10 3/4" 32# casing  
 Cmt'd w/ 600'sx, Circ'd to Surface

PLUG #3 - 100' Cmt Plug Inside and Outside 4 1/2"  
 70sx from 954'-854' thru perfs.  
 WOC 4 hrs and tag.

**SQUEEZE INTO PERF**

Proposed Abandonment Plan in RED

**PERF + SQ -**  
**PLUG @ 1520' TO 1420' (GLORRETA)**

PLUG #2 - 100' Cmt Plug Inside and Outside 4 1/2" csg  
 40sx from 2165'-2065' thru perfs.  
 WOC 4 hrs and tag.

**SQUEEZE INTO PERFS**

TOC UNKNOWN  
 Assume TOC is 2065 for planning  
 Run CBL and adjust plan as needed

4 1/2" 10.5# Casing in 7 7/8" hole set at 4054'  
 Cmt'd with 1550 sx. 50/50 poz, no CBL ran.

Top Abo 3605

Remove 3602' of 2 3/8" Tbg. **- TAG MUST BE 3550' OR HIGHER**

PLUG #1 - 25' sx of cmt on top of CIBP  
 WOC 4 hrs and tag.  
 P&A with CIBP at 3610'. 25' above top perf

Orig Perfs -  
 3652-3659  
 3744-3752  
 3676-3671  
 3811-3814  
 3896-3919

New 2017 Perfs	
3634-42	8
3674-78	4
3711-15	4
3798-08	10
3828-36	8
3862-66	4
3871-75	4
3886-88	2
44 Ft. - 2spf	

Not to Scale

PBTD 4005  
 4100 TD

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