

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NMOCD
Artesia

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

5. Lease Serial No.
NMNM11592

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
GRYNBERG FEDERAL 1

9. API Well No.
30-005-61275-00-S1

10. Field and Pool or Exploratory Area
PECOS SLOPE-ABO

11. County or Parish, State
CHAVES COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
JACK GRYNBERG & ASSOCIATES Contact: RANDY EDELEN
E-Mail: r.edelen@grynberg.com

3a. Address
3600 S. YOSEMITE SUITE 900
DENVER, CO 80237

3b. Phone No. (include area code)
Ph: 303-850-7490
Fx: 303-850-7498

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 29 T5S R24E SWNE 1980FNL 1980FEL

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

Request Permission to recompleate well as follows:
Estimated start date May 8, 2017
We anticipate approximately 10 days to complete this work.

Procedure:
Notify NMOCD and BLM Rep.
Clean off and blade location and road.
Blade with minimal disturbance to allow access and safe working area.
Set and test anchors.
MIRU completion rig.
Bleed pressure off well.
Remove tree and install BOPE. Test to 3,000PSI.

Accepted For Record Only! Approval Subject To Putting Well On Continuous Production And Keeping Well On Continuous Production Or Plugging Well With An Approved Plugging Program!

NM OIL CONSERVATION
ARTESIA DISTRICT

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #371019 verified by the BLM Well Information System
For JACK GRYNBERG & ASSOCIATES, sent to the Roswell
Committed to AFMSS for processing by DAVID GLASS on 03/24/2017 (17DRG0123SE)

APR 06 2017

Name (Printed/Typed) RICHARD MILLER	Title DRILLING MANAGER	RECEIVED
Signature (Electronic Submission)	Date 03/24/2017	

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

ACCEPTED FOR RECORD
(ORIG. SGD.) DAVID R. GLASS

Approved By _____ Title _____ Date _____

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent representations as to any matter within its jurisdiction.

(Instructions on page 2) **** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

ACCEPTED FOR 3 MONTH PERIOD 4-12-17
ENDING JUN 24 2017
RuP

Additional data for EC transaction #371019 that would not fit on the form

32. Additional remarks, continued

Function BOP and hold safety meeting regarding BOP drill and pressure control.
Pull and stand back 3,565 feet of 2 3/8 inch tbg. Inspect condition of tbg and replace as needed.
Run in bit and casing scraper on tbg to ~4,141 feet PBTD.
Run CBL, GR, CCL. Assume TOC will be approx. 901 feet for planning.
Propose to shoot new perms

Attempt to flow well up 4 1/2 inch casing.
Run 2 3/8 inch Tbg and pkr to 3,852.
Acidize (1st) with 5,000 gallons 12% HCl+3% Hydrofluoric, 1,600cuft N2/bbl ?665 gal KCl, 5000 gal 12% & 3%, 1300 gal KCL.
Reverse out, swab and attempt to flow well. Hook to sales line.

Grynberg Federal #1, Sec 29 5S 24E, Chaves Cnty NM, API# 30-005-61275

Request Permission to recomplate and possibly abandon well as follows:

Status:

Drilled 14 3/4" hole to 901'. Set 904' of 10 3/4" 32.75# casing. Cmt with 600sx.

Drilled 7 7/8" hole to ~4180'. Set 4177' of 4 1/2" 10.5# casing. Top of cement unknown. (Cemented with 1900sx, assume TOC at 901' per Sdy of 1/4/82 for planning purposes, will run CBL)

2 3/8" tubing at 3565'.

Existing Perforations: 3615'-3826'.

Procedure:

Notify NMOCD and BLM Rep.

Clean off and blade location and road.

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

Set and test anchors.

MIRU completion rig.

Bleed pressure off well.

Remove tree and install BOPE. Test to 3000PSI.

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

Pull and stand back 3565' of 2 3/8" tbg. Inspect condition of tbg and replace as needed.

Run in bit and casing scraper on tbg to ~4141 PBD'.

Run CBL, GR, CCL. Assume TOC will be approx. 901' for planning.

Propose to shoot new perfs at:

New 2017 Perfs	
3858-64	6
3870-74	4
3884-3904	10
3933-53	10
3962-75	13
3980-4000	20
4008-16	8
4026-34	8
4038-48	10
4052-98	46
	135 Ft. - 2spf

Attempt to flow well up 4 1/2" casing.

Run 2 3/8" Tbg and pkr to 3852.

Acidize (1st) with 5000 gallons 12% HCl+3% Hydrofloric, 1600cuft N2/bbl ...665 gal KCl,,5000 gal 12% & 3%,,1300 gal KCL.

Reverse out, swab and attempt to flow well. Hook to sales line.

If no flow and recompletion was not successful, Pull 2 3/8" tbg.

REQUEST PERMISSION TO ABANDON WELL AS FOLLOWS

Set CIBP at 3595' (25' above top perf.) on Wireline.

Plug #1: 25 sxs from 3595' to 3261'

Notify BLM Rep 48 hours prior to MIT. TIH tubing to 3595' and set a 25 sxs Class B cement plug on top CIBP inside casing from 3595' to 3261' to isolate perforations and to cover Abo top at 3615'. (25 sx in casing covers 25 x 1.2 / .0896 cuft/ft = 334 feet)

PUH to 2000'; WOC 4 hours and TIH to tag TOC at 3495' or higher. Pressure test casing MIT to 500 PSI for 30 minutes with BLM Rep on location.

Above TOC, spot approximately 16 bbl (3261-2250=1011'x.0159 b/f=16 bbls) gel mud (25 sxs/100 bbl.) up to 2250' inside casing. TOH with tubing. Lay down all but 2250'.

Plug #2: 25 sxs from 2250' to 2150', assume CBL shows TOC at 901'

Set cement 100' plug inside 4 1/2" casing with 25 sxs Class B cement from 2250'- up to 2150'.

Then TOH with tubing to 1000' and WOC 4 hours. TIH to tag TOC at 2150' or higher.

Above TOC, spot approximately 20 bbl (2150-901=1249'x.0159 b/f=19.8 bbls) gel mud (25 sxs/100 bbl.) up to 951'. TOH with tubing. Lay down all but 851'.

Plug #3: 70 sxs from 951' to 851'. Depending on TOC from CBL, assuming TOC is below 951'

Rig up wireline and perforate 4 holes at 951' (50' below 10 3/4" casing shoe). TIH with tubing to 951' and set 100' plug inside and outside with 70 sxs Class B cement from 951' up to 851'.

Then TOH with tubing laying down all but 851'. WOC 4 hours and TIH to tag TOC; must tag at 851' or higher.

Above TOC, spot approximately 13 bbl (851-60=794'x.0159 b/f=12.6 bbls) gel mud (25 sxs/100 bbl.) up to 60'. TOH laying down tubing.

Plug #4: top out 60' to 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.

Check 10 3/4" casing x 14 3/4" open hole annulus. Run 1" to 200' and fill with cmt if needed.

RDMO service rig. Submit completion forms to BLM.

Prepared by: Richard Miller, r.miller@grynberg, 303-881-5440

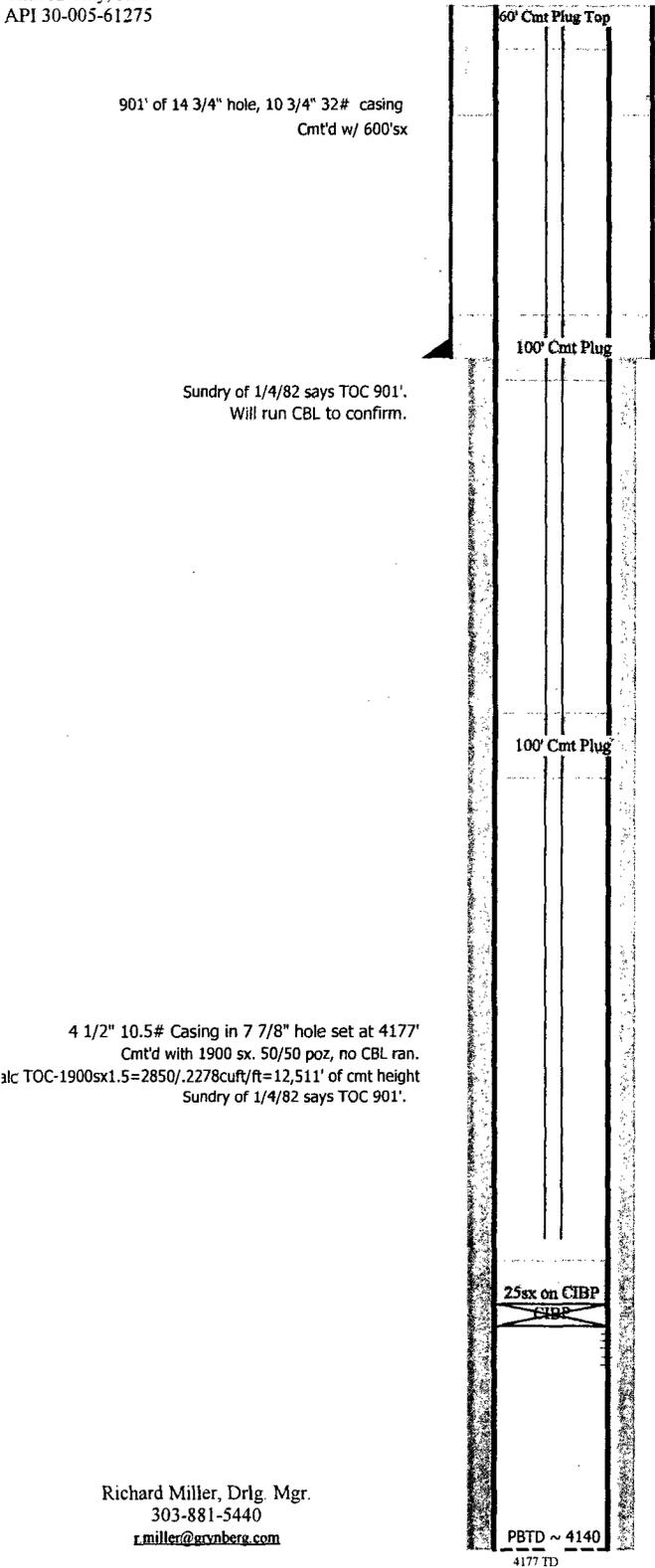
Grynberg Petroleum Company

Grynberg Federal #1, sec 29

33.8452759,-104.4438171 NAD83

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

Sec 29, 5S, 24E
1980FNL 1980FEL
Chavez Cnty, NM
API 30-005-61275



Install Dry Hole Marker

PLUG #4 - 60' on top inside 4 1/2" csg.
top out betw 10 3/4" & 4 1/2" with 200' of 1".
Check 10 3/4" x 14 3/4" annulus,
Top out using of 200' of 1" if not full.

GL: 4111'
Spud Date: 12/12/81

PLUG #3 -100' Cmt Plug Inside and Outside 4 1/2"
25sx from 951'-851' , will run CBL
WOC 4 hrs and tag.
Perf 4 1/2" and fill 50' inside 10 3/4" x 4 1/2" annulus i

Proposed Abandonment Plan in RED

PLUG #2 -100' + Cmt Plug Inside 4 1/2" csg
25sx from 2250'-2150' thru perfs .
WOC 4 hrs and tag.

TOC UNKNOWN, no CBL ran
Assume TOC is 901' per Sdy of 1/4/82 for planning
Will run CBL and adjust plan as needed

Abo 3615-3826

Remove 3565' of 2 3/8" Tbg.

PLUG #1 -25 sx of cmt on top of CIBP at 3595'
WOC 4 hrs and tag.
P&A with CIBP at 3595'. 25' above top perf

Orig Perfs -
3615-3617
3627-3731
3634-3642
3656-3670
3760-3768
3790-3802
3813-3823

New 2017 Perfs	
3858-64	6
3870-74	4
3884-3904	10
3933-53	10
3962-75	13
3980-4000	20
4008-16	8
4026-34	8
4038-48	10
4052-98	46
135 Ft. - 2spf	

Not to Scale

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