Form 3160-5
(June 2015)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.***

***SUBMIT IN TRIPLICATE*** *- Other instructions on page 2*

5. Lease Serial No. NM-17037

6. If Indian, Allottee or Tribe Name

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

1. Type of Well
☐ Oil Well ☑ Gas Well ☐ Other

8. Well Name and No. Grynberg 17 Federal Com #002

2. Name of Operator Jack J. Grynberg

9. API Well No. 30-005-61743

3a. Address 3773 Cherry Creek N. Dr., Denver, CO 80202

3b. Phone No. *(include area code)*

10. Field and Pool or Exploratory Area
Pecos Slope, Abo

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)*
Sec 17 T6S R25E

11. Country or Parish, State
Chaves, New Mexico

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

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|---|---|---|---|---|
| ☐ Notice of Intent | ☐ Acidize | ☐ Deepen | ☐ Production (Start/Resume) | ☐ Water Shut-Off |
| | ☐ Alter Casing | ☐ Hydraulic Fracturing | ☐ Reclamation | ☐ Well Integrity |
| ☐ Subsequent Report | ☐ Casing Repair | ☐ New Construction | ☐ Recomplete | ☐ Other |
| | ☐ Change Plans | ☑ Plug and Abandon | ☐ Temporarily Abandon | |
| ☐ Final Abandonment Notice | ☐ Convert to Injection | ☐ Plug Back | ☐ 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 recomplete 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 perfonned 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 recompletion 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 detennined that the site is ready for final inspection.)

Request for permission to P&A well.
See attached procedure for details.

See Conditions of Approval

14. I hereby certify that the foregoing is true and correct. Name *(Printed/Typed)*
Adam Pfeifer

Title Consultant Production Engineer

Signature Adam Pfeifer

Date 8-13-2022 08/13/2022

Accepted for record – NMOCD gc 8/22/2022

**THE SPACE FOR FEDERAL OR STATE OFICE USE**

Approved by

Title Petroleum Engineer

Date 08/15/2022

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 RFO

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 statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**WELL NAME:** Grynberg 17 Federal Com #002
**API #:** 30-005-61743
**AFE:**
**DATE:** 7/21/2022
**ENGINEER:** Adam Pfeifer

**PROCEDURE:** Plug and Abandon

**CURRENT OPERATION:**
This well is a currently active gas well. Due to economics this well has been selected to be plugged and abandoned.

**WELL SUMMARY:**
Formation Tops:

- Oil or Gas Sands or Zones:
  - Abo: 3,600'
- Important Water Sands:
  - San Andres: 415'
  - Glorieta: 1,290'

Perforation Depths:

- 3,613' – 3,657' (1 shot/ft)

Current Tubular Data:

| Tubular Data | Size (in) | Weight (lb/ft) | ID (in) | Depth Set (ft) | Hole Size (in) | Cement # Sacks |
|---|---|---|---|---|---|---|
| Surface | 10.785 | 40.500 | 10.050 | 905 | 14.785 | 600 |
| Intermediate | 0.000 | 0.000 | 0.000 | 0 | 0.000 | 0 |
| Production | 4.500 | 10.500 | 4.052 | 4076 | 7.875 | 1500 |
| Tubing | 2.375 | 4.700 | 1.995 | 3556 | NA | |

**REQUIRED NMOCD SUBMISSIONS:**
Form C-103 – Notice of Intent to P&A
Form C-105 – Well Completion or Recompletion Report and Log (P&A Details)

**GADECO CONTACTS:**
Adam Pfeifer – Project Manager, Cell: 785-216-0160, adam.pfeifer28@gmail.com

**EMERGENCY CONTACTS:**
Hospital: Lovelace Regional Hospital, 117E 19th St, Roswell, NM 88201, (575) 627-7000
Fire: Roswell Fire Department Station #3, 2800 Wilshire Blvd, Roswell, NM 88201, (575) 624-6813
Sheriff: Chaves County Sheriff's Office, 1 St Mary's Pl, Roswll, NM 88203, (575) 624-6500

**VENDOR CONTACTS: TBD**

**HS&E:**
This workover does not introduce any new equipment, materials, or process hazards.

**PROCEDURE:**

1) MIRU cement equipment. **Note that all cement calculations for required sacks of cement already account for the required 100% excess in open hole cement plugs and 50' excess in cased hole cement plugs.**

2) Plug #1 – Isolate the producing perforations at 3,613'.
   a. MU CIBP.
   b. TIH and set CIBP at 3,588' (25' above perforations at 3,613').
   c. Mix 10 sacks of Class C cement (100' of cement) and spot on top of CIBP.
   d. TOH 4 stands of tubing. WOC.
   e. TIH and tag TOC. Record depth.
   f. Circulate hole clean. Pressure test CIBP to 500 psi for 15 minutes.
   g. TOH w/ work string standing back 2,500' in the derrick and laying down the rest.

3) MIRU wireline. RIH with WL and perform CBL from 3,350' to surface.

4) With WL still rigged up, perforate the 4-1/2" casing with 4 shots at the following plugging depths:
   a. Plug #2: Perforate at 2,500' (this will shift after the CBL is ran).
   b. Plug #3: Perforate at 1,340'.
   c. Plug #4: Perforate at 955'.
   d. Plug #5: Perforate at 60'.

5) Plug #2 – Isolate 100' above 4-1/2" casing TOC.
   a. Assuming 4-1/2" casing TOC is at 2,600' (Caliper log shows hole much larger than 7-7/8").
   b. MU CICR. TIH and set at 2,400'.
   c. Mix 47 sacks of Class C cement. Displace 45 sacks of cement through CICR down to perforations and up the 4-1/2" casing annulus. This will cover the required 100' inside and 100'outside of the 4-1/2" casing.
   d. Sting out of CICR and spot the remaining 2 sacks of cement on top of CICR.
   e. TOH and LD tubing to 1,300' and then stand back the remaining work string in the derrick.

6) Plug #3 – Isolate the Glorieta formation w/ 100' plug across the formation top at 1,290'.
   a. MU CICR to work string and TIH.
   b. Set CICR at 1,240'.
   c. Mix 47 sacks of Class C cement. Displace 45 sacks of cement through CICR down to perforations and up the 4-1/2" casing annulus. This will cover the required 100' inside and 100'outside of the 4-1/2" casing.
   d. Sting out of CICR and spot the remaining 2 sacks of cement on top of CICR.
   e. TOH and LD tubing to 1,000' and then stand back the remaining work string in the derrick.

7) Plug #4 – Surface casing shoe isolation.
   a. MU CICR to work string and TIH.
   b. Set CICR at 855'.
   c. Mix 64 sacks of Class C Cement. Displace 62 sacks of cement through the CICR down through the perforations and up the 10-3/4" x 4-1/2" annulus. This will cover the required 100' inside and outside of the 4-1/2" casing.
   d. Sting out of CICR and spot the remaining 2 sacks of cement on top of CICR.
   e. TOH and LD work string.

8) Plug #5 – Plug to surface.
   a. MU CIBP to work string and TIH.

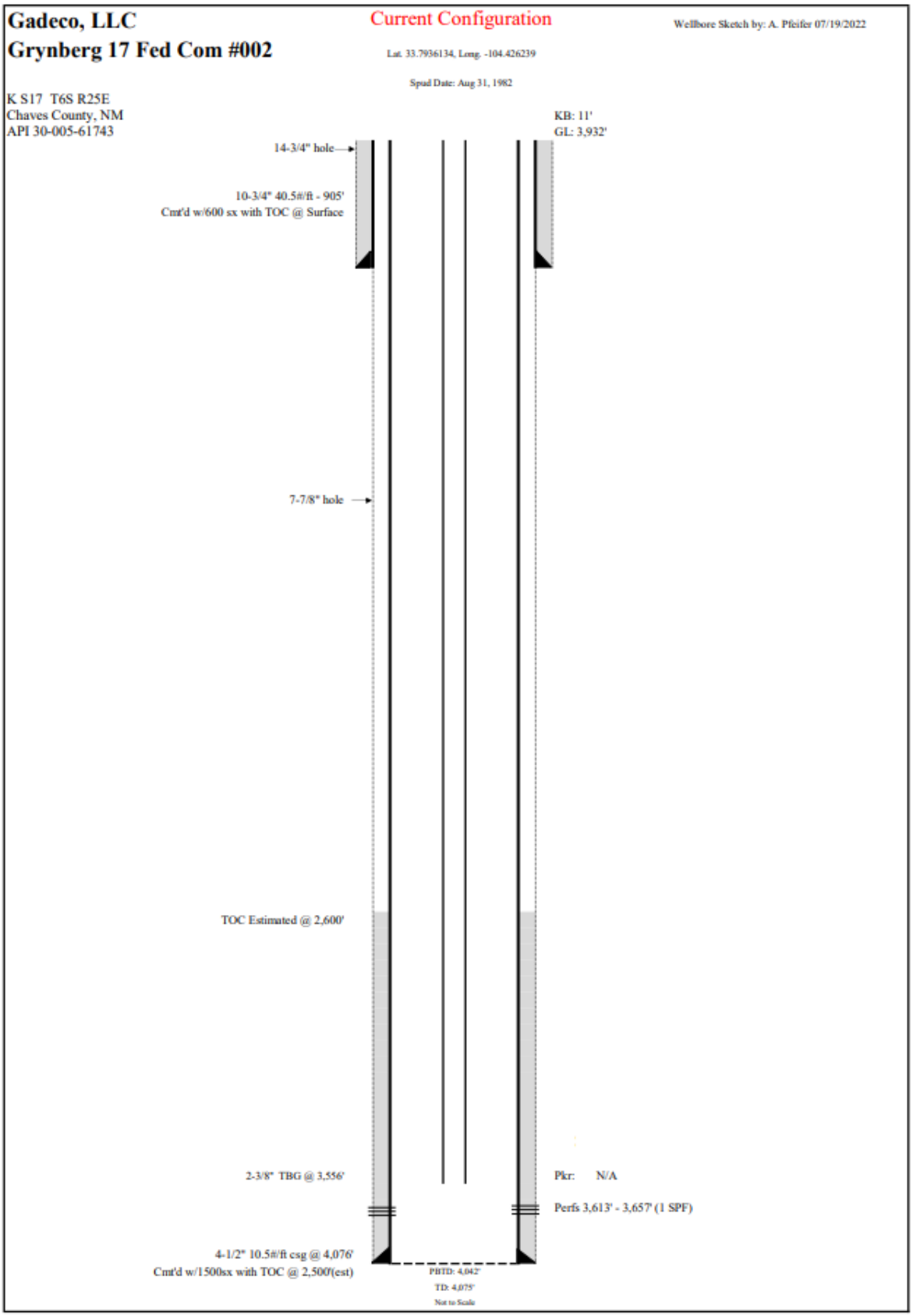
b. Set CIBP at 65'.
c. TOH and LD work string.
d. Mix and pump +/- 24 sacks Class C cement down the 10-1/2" x 4-1/2" annulus through the perforations and circulate cement to surface filling both the annulus and production casing with cement.
e. Shut well in and WOC. RDMO pulling unit and cement equipment.

9) Cut off the wellhead at least 4' below surface. Verify cement in annulus and production casing. Take pictures for documentation.
   a. For below marker, the top of the casing must be fitted with a screw cap or steel plate welded in place with a weep hole.
   b. The marker must have a marker that is inscribed with well's legal locations, well name, number, and API number and take pictures for documentation.

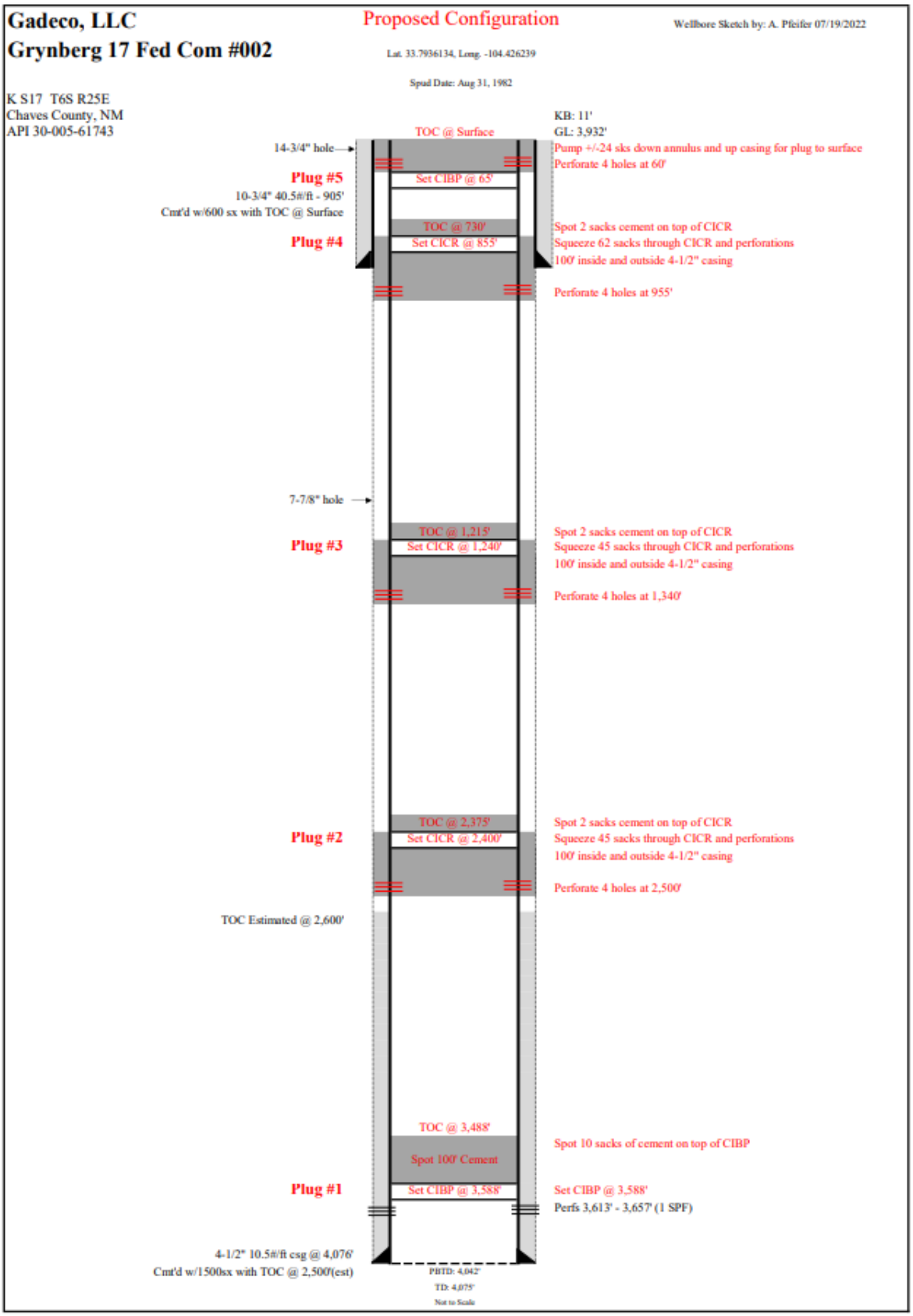
10) Once well is plugged and abandoned, remove all surface processing and storage equipment.

11) Conduct pad reclamation per NMOCD. See separate procedure.

**CURRENT DOWNHOLE CONFIGURATION:**



**PROPOSED DOWNHOLE CONFIGURATION:**



# Gadeco, LLC
# Grynberg 17 Fed Com #002

Current Configuration

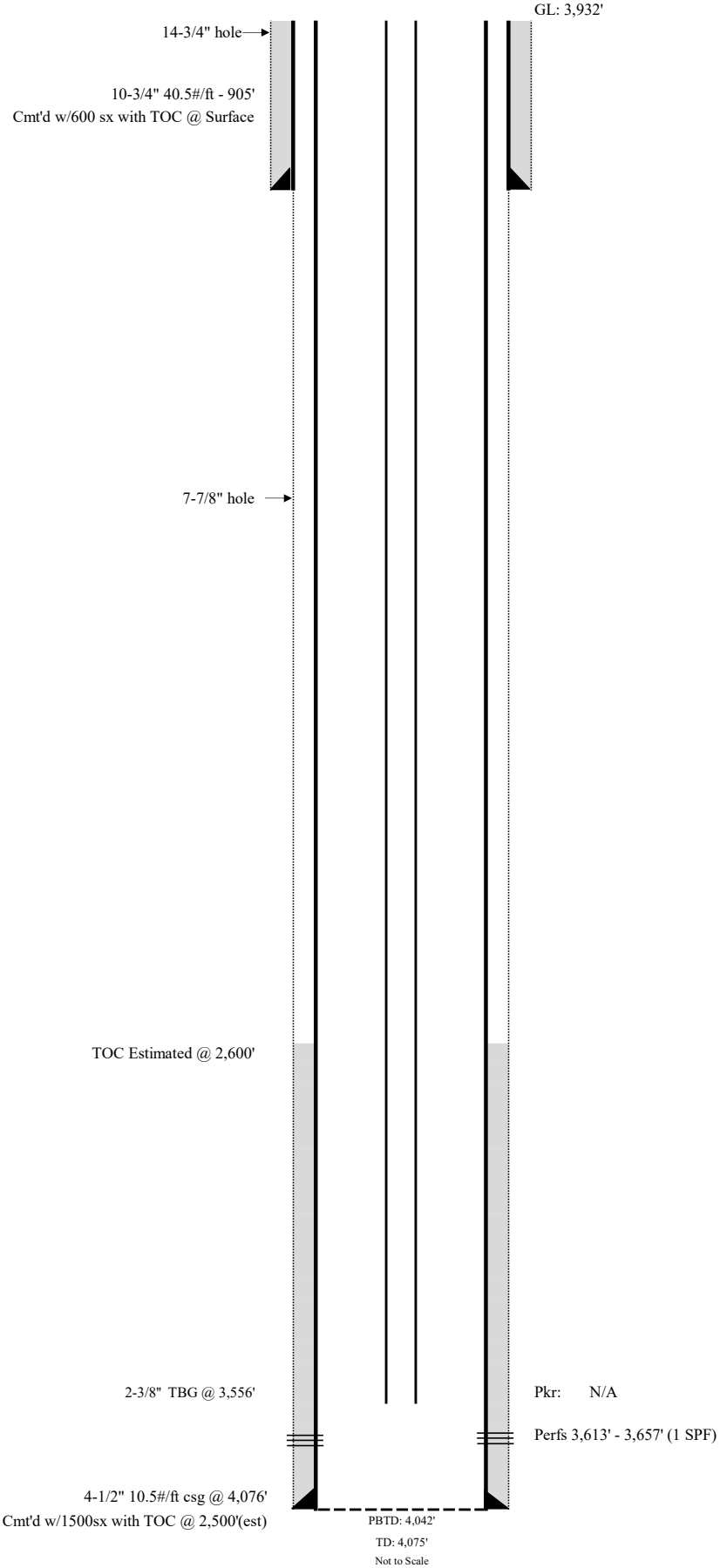
Wellbore Sketch by: A. Pfeifer 07/19/2022

Lat. 33.7936134, Long. -104.426239

Spud Date: Aug 31, 1982

K S17 T6S R25E
Chaves County, NM
API 30-005-61743

KB: 11'
GL: 3,932'



# Gadeco, LLC
# Grynberg 17 Fed Com #002

## Proposed Configuration

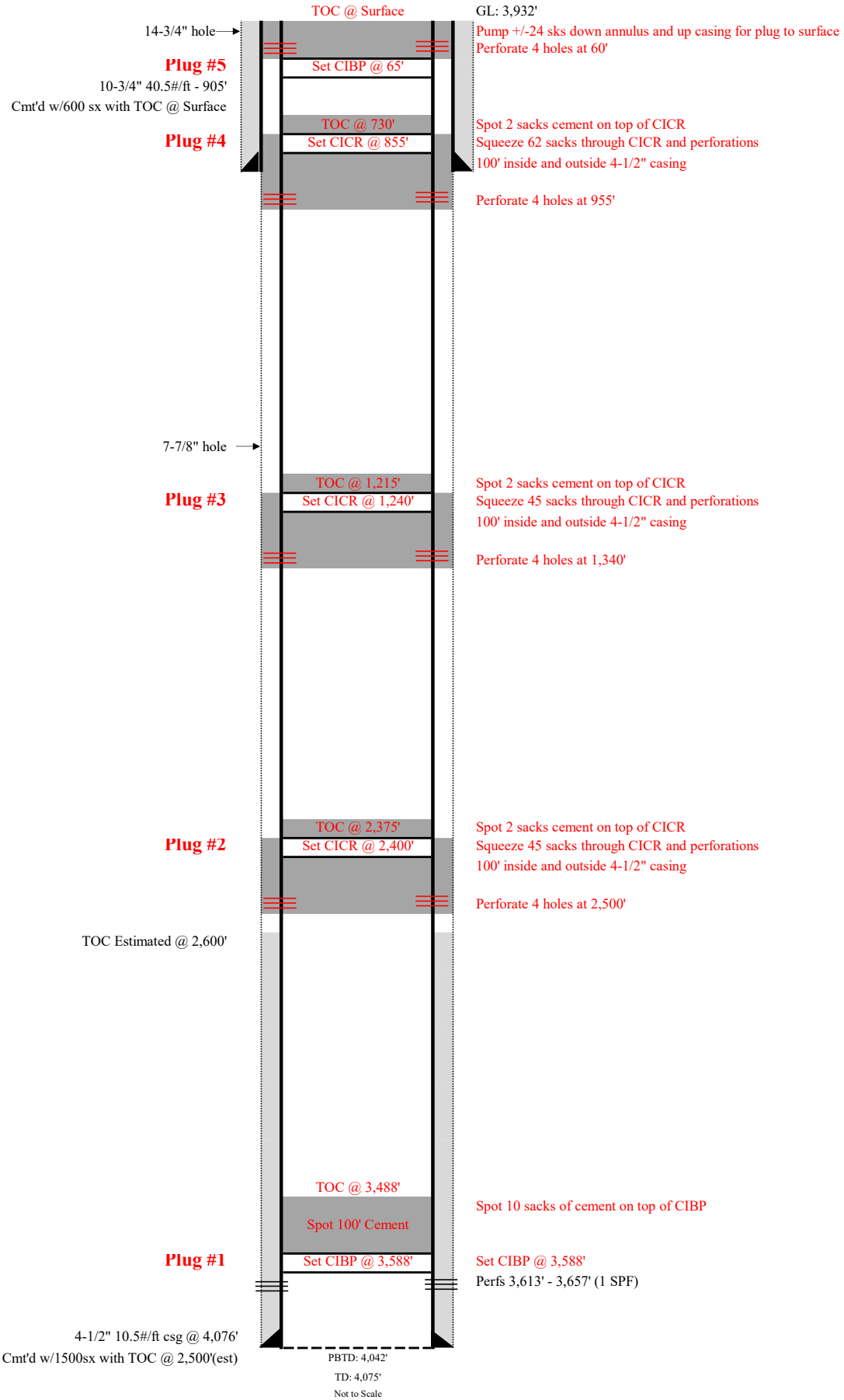
Wellbore Sketch by: A. Pfeifer 07/19/2022

Lat. 33.7936134, Long. -104.426239

Spud Date: Aug 31, 1982

K S17 T6S R25E
Chaves County, NM
API 30-005-61743

KB: 11'
GL: 3,932'



**Grynberg 17 Federal Com 2**
**30-005-61743**
**Magnum Producing, LP**
**August 15, 2022**
**Conditions of Approval**

1. **Operator shall place CIBP at 3,563' (50'-100' above top most perf) and places 25 sx of Class C cement on top. WOC and TAG.**

2. **Operator shall perf at 2,500' and squeeze class C Cement to 2,375' as proposed. WOC and TAG.**

3. **Operator shall perf at 1,340' and squeeze class C Cement to 1,225' to seal the Glorietta Formation. WOC and TAG.**

4. **Operator shall perf at 955' and squeeze class C Cement to 855' to seal the 10-3/4'' casing shoe. WOC and TAG.**

5. **Operator shall perf at 60' and squeeze class C Cement to surface as proposed.**

6. **Surface reclamation will need to be completed once the well bore has been plugged. Please contact rflores@blm.gov for additional information.**

7. **See Attached for general plugging stipulations.**

**JAM 08152022**

**District I**
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
**District II**
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
**District III**
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
**District IV**
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

# State of New Mexico
# Energy, Minerals and Natural Resources
# Oil Conservation Division
# 1220 S. St Francis Dr.
# Santa Fe, NM 87505

CONDITIONS

Action 134249

## CONDITIONS

| | |
|---|---|
| Operator:<br>JACK J. GRYNBERG<br>C/O 3773 Cherry Creek N. Drive<br>Denver, CO 80202 | OGRID:<br>11492 |
| | Action Number:<br>134249 |
| | Action Type:<br>[C-103] NOI Plug & Abandon (C-103F) |

**CONDITIONS**

| Created By | Condition | Condition Date |
|---|---|---|
| gcordero | None | 8/22/2022 |