

Form 3160-5  
(June 2019)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED OMB  
No. 1004-0137 Expires:  
December 31, 2024**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. ~~NM-956210~~ NMNM-95620

6. If Indian, Allottee or Tribe Name

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

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator Heyco Development Corporation

3a. Address 5210 Harvest Hill Road, Suite 164  
Dallas, Texas 752303b. Phone No. (include area code)  
(214) 435-89464. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1980' FNL & 1980' FEL, Sec 25, T26S, R12E

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

Bennett Ranch Unit NMNM-94469B

8. Well Name and No. BRU 25-1 &amp; 314216

9. API Well No. 30-035-20031  
Bennett Ranch Unit 25 25-110. Field and Pool or Exploratory Area  
Wildcat: Canyon11. Country or Parish, State  
Otero County, NM

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 type="checkbox"/> Recomplete                | <input type="checkbox"/> Other          |
|  | <input type="checkbox"/> Change Plans         | <input checked="" 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 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 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 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 determined that the site is ready for final inspection.)

Heyco Development proposes to plug this well as follows:

Set a CIBP @ 2200'. RIH tag CIBP and pump 25 sx plug. Plug 1: 1795-2200'

Perf and squeeze 100 sx class C @ 542', plug 2: 390-542', WOC and Tag

~~Plug up to 757' and pump 400 sx class C plug. Plug 3: 605-757', WOC and tag~~

Perf and squeeze 80 sx class C @ 100'. Plug 4: Surface to 100'

After plugging the well head will be cut off 3' below ground level and a plate and dry hole marker will be installed. The location will then be cleared, leveled and re mediated to BLM standards.

See Conditions of Approval

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

Phelps White

Consultant

Title

Signature

Date

11/11/2022

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Accepted for record - NMOCD gc12/19/2022

Approved by

Petroleum Engineer

11/22/2022

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

RFO

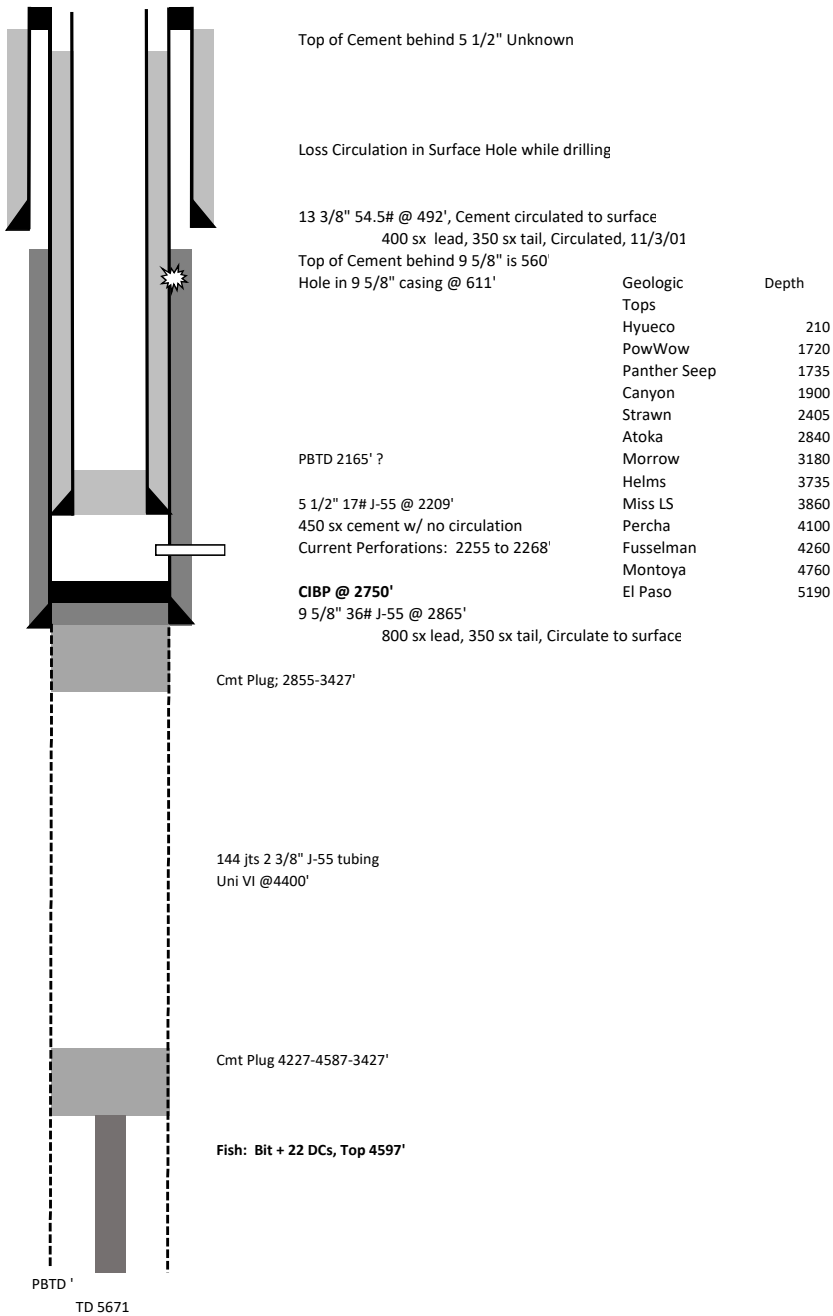
Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

WELLBORE DIAGRAM

Bennet Ranch Unit 25-1

NOT TO SCALE



WELLBORE DIAGRAM

Bennet Ranch Unit 25-1  
API 30-035-20031

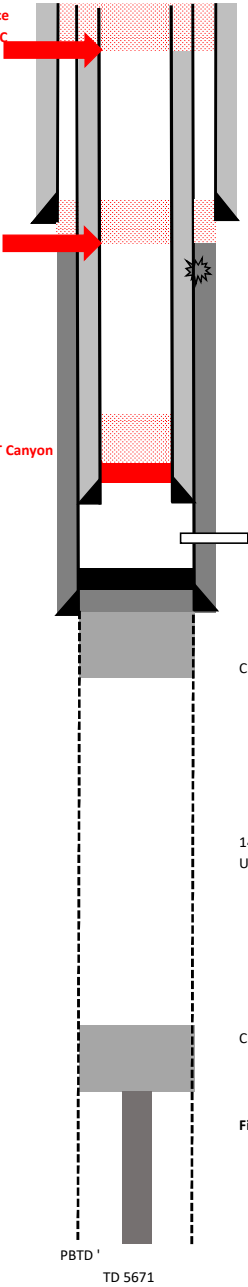
PROPOSED PLUGS

NOT TO SCALE

Fill casings from Surface  
to 100', est 80 sx class C  
Perf 100'

100sx class C  
390 to 542  
Perf 542

40 sx Class C  
1795 to 2200', cibp & T Canyon  
CIBP @ 2200



Top of Cement behind 5 1/2" Unknown  
but calculated surface.

Loss Circulation in Surface Hole while drilling

13 3/8" 54.5# @ 492', Cement circulated to surface  
400 sx lead, 350 sx tail, Circulated, 11/3/01  
Top of Cement behind 9 5/8" is 560'  
Hole in 9 5/8" casing @ 611'

| Geologic     | Depth |
|--------------|-------|
| Tops         |       |
| Hyueco       | 210   |
| PowWow       | 1720  |
| Panther Seep | 1735  |
| Canyon       | 1900  |
| Strawn       | 2405  |
| Atoka        | 2840  |

5 1/2" 17# J-55 @ 2209'  
450 sx cement w/ no circulation  
Current Perforations: 2255 to 2268'

CIBP @ 2750'  
9 5/8" 36# J-55 @ 2865'  
800 sx lead, 350 sx tail, Circulate to surface

Cmt Plug; 2855-3427'

144 jts 2 3/8" J-55 tubing  
Uni VI @4400'

Cmt Plug 4227-4587-3427'

Fish: Bit + 22 DCs, Top 4597'

**Bennett Ranch Unit 25 25-1  
30-035-20031  
Heyco Development Corporation  
November 22, 2022  
Conditions of Approval**

- 1. Operator shall place CIBP at 2,200' (50'-100' above top most perf) and place a minimum of 25 sx of Class C cement on top. WOC and TAG.**
- 2. Operator shall perf at 542'' and squeeze class c cement to 390' as proposed to seal the 9-5/8'' casing shoe. WOC and TAG.**
- 3. Operator shall perf at 100'' and squeeze class c cement to surface as proposed.**
- 4. Dry hole marker must be below ground.**
- 5. Surface reclamation will need to be completed once the well bore has been plugged. Please contact [lkeenven@blm.gov](mailto:lkeenven@blm.gov) for additional information.**
- 6. See Attached for general plugging stipulations.**

**JAM 11222022**

**BUREAU OF LAND MANAGEMENT**  
**Roswell Field Office**  
**2909 W. Second Street**  
**Roswell, New Mexico 88201**  
**575-627-0272**

**General Requirements for Plug Backs**

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within **ninety (90)** days from this approval.

**If you are unable to plug back the well by the 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged back. Failure to do so will result in enforcement action.**

2. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plug back operations. Call 575-627-0205.

3. **Blowout Preventers:** A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. **Mud Requirement:** Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of **brine** water. Minimum nine (9) pounds per gallon.

5. **Cement Requirement:** Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement.

**Before pumping cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.**

Unless otherwise specified in the approved procedure, the cement plug shall consist of either **Neat Class "C"**, for up to 7,500 feet of depth or **Neat Class "H"**, for deeper than 7,500 feet plugs.

6. **Subsequent Plug back Reporting:** Within 30 days after plug back work is completed, file one original and three copies of the Subsequent Report, Form 3160-5 to BLM. The report should give in detail the manner in which the plug back work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date work was completed.**

7. **Trash:** All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

**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 167234

**CONDITIONS**

|  |   |
|--|---|
| Operator:<br>HEYCO DEVELOPMENT CORPORATION<br>P.O. Box 1933<br>Roswell, NM 88202 | OGRID:<br>370234                                    |
|  | Action Number:<br>167234                            |
|  | Action Type:<br>[C-103] NOI Plug & Abandon (C-103F) |

**CONDITIONS**

| Created By | Condition | Condition Date |
|------------|-----------|----------------|
| gcordero   | None      | 12/19/2022     |