

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-71526**

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator **Heyco Development Corporation**3a. Address **5210 Harvest Hill Road, Suite 164
Dallas, Texas 75230**3b. Phone No. (include area code)
(214) 435-8946

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

Bennett Ranch Unit 19008 NMNM-94469A8. Well Name and No. **1-Y Bennett Ranch Unit 1Y**9. API Well No. **30-035-20028**

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

99' FNL & 2005' FEL, Sec 14, T26S, R12E10. Field and Pool or Exploratory Area
Wildcat: 97791, Mississippian11. 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 recompleat 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 recompleat 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.)

Heyco Development proposes to plug this well as follows:

Set a CIBP @ 4450' and perforate 90'. RIH tag CIBP and pump 25 sx plug. Plug 1: 4198 to 4450'

Pull up to 2915' and pump 25 sx class C plug. Plug 2: 2662-2915, WOC and Tag

Pull up to 757' and pump 25 sx class C plug. Plug 3: 505-757', WOC and tag

Pull out of hole. Attempt to circulate through squeeze holes at 90', if circulation, Fill casings w/ cement (approx 15 sx). If no circulation, pump 15 sx at 90', Plug 4: Surface to 90'.

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 - NMOCDC 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

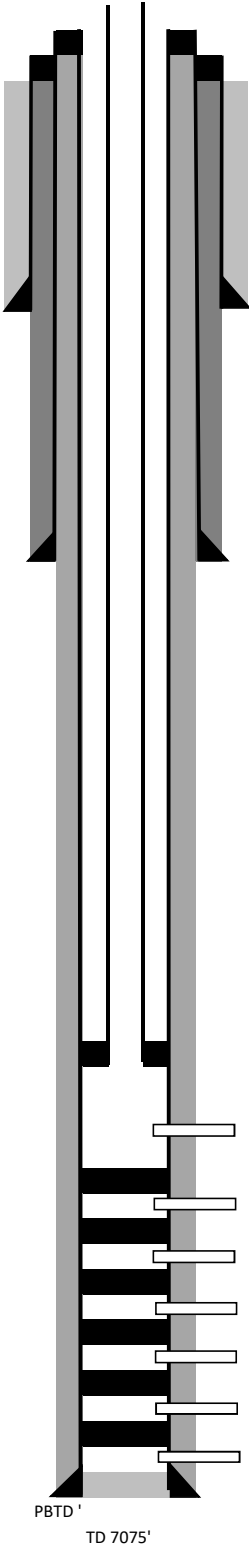
Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

WELLBORE DIAGRAM

Bennet Ranch Unit #1Y
B-14-26S-12E

NOT TO SCALE



Possible Water Zones 385', 525'

13 3/8" 54.5# @ 707', Cement circulated to surface
435 sx lead, 200 sx tail, Circulated, 8/3/97

Possible Water Zones 870', 2520'
Water encountered 2352, 3300' and 3315'

9 5/8" 36# J-55 @ 2865'
1000 sx lead, 200 sx tail, Circulate to surface

Geologic	Depth
Tops	
Yeso	0
Abo	340
Hyueco	660
PowWow	2190
Penn Sh	2440
Helms	4430
L Miss LS	4630
Percha	4950

67 jts 2 7/8" J-55 tubing
9 5/8" Arrowset packer @4400'

Current Perforations: 4506-4518'

CIBP @ 5020
Perf 5222-42 and 5027-5082
CIBP @ 5820'
Perf 5545-5576
CIBP @ 5820
Pdrf 5835-5908
CIBP @ 6210
Perf 6223-6268
CIBP @ 6610
Perf 6752-6776, 6624-6710'
CIBP @ 6980
Perf 7008-7061

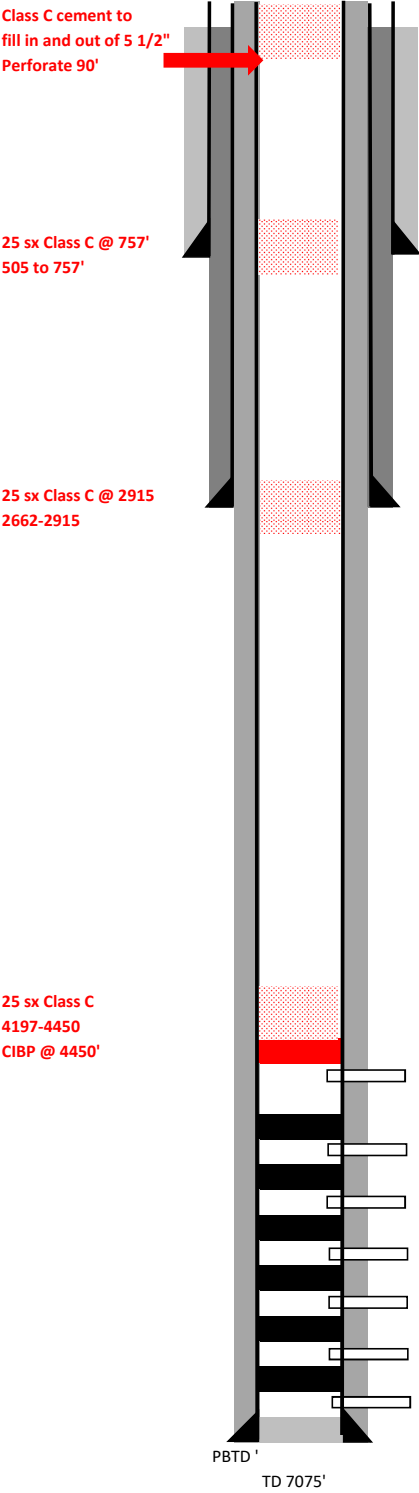
5 1/2" 17# J-55 @ 7075'
1000 sx cement

WELLBORE DIAGRAM

Bennet Ranch Unit #1Y
30-035-20028

PROPOSED PLUGGING PROGRAM

NOT TO SCALE



13 3/8" 54.5# @ 707', Cement circulated to surface
435 sx lead, 200 sx tail, Circulated, 8/3/97

9 5/8" 36# J-55 @ 2865'
1000 sx lead, 200 sx tail, Circulate to surface

Geologic	Depth
Tops	
Yeso	0
Abo	340
Hyueco	660
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Current Perforations: 4506-4518'

CIBP @ 5020
Perf 5222-42 and 5027-5082
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CIBP @ 6210
Perf 6223-6268
CIBP @ 6610
Perf 6752-6776, 6624-6710'
CIBP @ 6980
Perf 7008-7061

5 1/2" 17# J-55 @ 7075'
1000 sx cement

**Bennett Ranch Unit 1Y
30-035-20028
Heyco Development Corporation
November 22, 2022
Conditions of Approval**

- 1. Operator shall place CIBP at 4,450' (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 2,915' and squeeze class c cement to 2,662' as proposed to seal the 9-5/8" casing shoe. WOC and TAG.**
- 3. Operator shall perf at 757" and squeeze class c cement to 290' as proposed to seal the 13-3/8" casing shoe and the Abo Formation. WOC and TAG.**
- 4. Operator shall circulate cement through holes at 90' bringing cement to surface.**
- 5. Dry hole marker must be below ground.**
- 6. Surface reclamation will need to be completed once the well bore has been plugged. Please contact lkeeven@blm.gov for additional information.**
- 7. 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 90th day provide this office, prior to the 90th 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 167231

CONDITIONS

Operator: HEYCO DEVELOPMENT CORPORATION P.O. Box 1933 Roswell, NM 88202	OGRID: 370234
	Action Number: 167231
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

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