

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. NMNM116573

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 Harvard Petroleum Company

3a. Address PO Box 936, Roswell, NM 88202

3b. Phone No. (include area code)  
(575) 623-1581

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

660 FSL &amp; 1980 FWL Section 20, T23S, R32E

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

8. Well Name and No. Lonecat Federal #1

9. API Well No. 30-025-38447

10. Field and Pool or Exploratory Area  
Triste Draw Delaware, West11. Country or Parish, State  
Lea, 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
- ☒ Subsequent Report
- ☐ Final Abandonment Notice
- ☐ Acidize
- ☐ Alter Casing
- ☐ Casing Repair
- ☐ Change Plans
- ☐ Convert to Injection
- ☐ Deepen
- ☐ Hydraulic Fracturing
- ☐ New Construction
- ☒ Plug and Abandon
- ☐ Plug Back
- ☐ Production (Start/Resume)
- ☐ Reclamation
- ☐ Recomplete
- ☐ Temporarily Abandon
- ☐ Water Disposal
- ☐ Water Shut-Off
- ☐ Well Integrity
- ☐ Other

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 recomplate 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 recomplate 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.)

Harvard Petroleum proposes to plug the well as follows:

MIRU Pulling Unit. POH w/ rods and tubing

Set CIBP @ 8323' and cap with 35' balled on top of CIBP OR 25 sx class H spotted on top of CIBP - Perfs

Load hole with plugging mud and test casing to 500 psi.

Perf and squeeze 35 sx class C @ 4858'; 4723-4853', WOC and tag - Top Delaware

Perf and squeeze 35 sx class C @ 4607'; 4472-4607' WOC and tag - 8 5/8" casing shoe

Perf and squeeze 35 sx class C @ 1388'; 1079-1388' WOC and tag - 8 5/8" Top of Salt and 13 3/8" casing shoe

Perf and squeeze app 200 sx class C @ 200' - Surface to 200' - Surface plug

After plugging operations the casing will be cut off 3' below ground level, a steel plate will be welded on top of the casings and a dry hole marker will be installed. The location will then be cleaned and re-mediated to BLM standards.

Attachments: Current Wellbore Diagram, Proposed Wellbore Diagram

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

Phelps White

Consultant

Title

Signature

Date

01/30/2023

## THE SPACE FOR FEDERAL OR STATE OFFICE USE

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 statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)



HARVARD PETROLEUM  
COMPANY LLC  
LONECAT FEDERAL 01  
NMNM 116573  
T23S/R32E/SEC 20/SESW  
12-21-23



Well Bore Diagram Worksheet

Operataor: Harvard Petroleum Co.

Well Name: Lonecat Fed #1

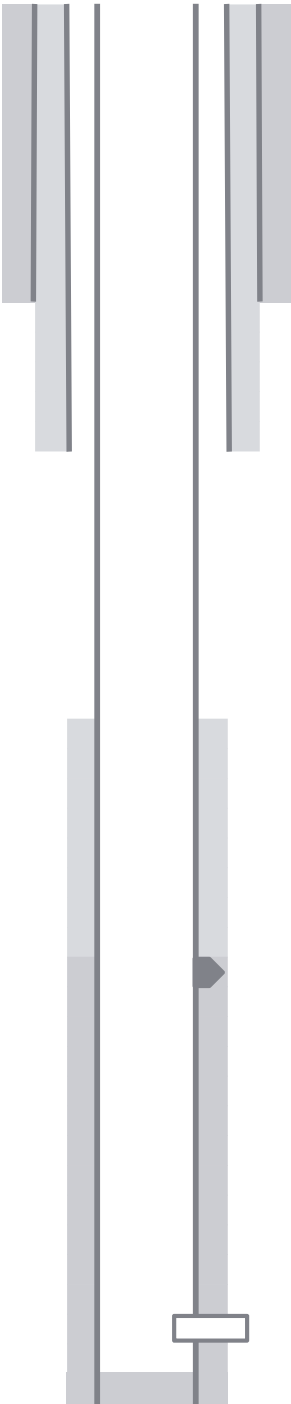
API # 30-025-38447

Location: 20, 23S, 32E

Date Spud: 7/24/2007

Date Complete: 12/18/2007

CURRENT WELLBORE



13 3/8" 54.5# @ 1171  
1125 sx Circ.

8 5/8" 32# @ 4557  
2650 sx, Circ.

	Formation	Top
	Rustler	1198
	Solado	1338
TOC 5870	Castillo	4555
	Lamar	4781
	Delaware	4808
	Cherry Can	5699
	Brushy Draw	7393
	Bone Springs	8654

DV Tool 6750  
2 nd stage 320 sx

Perfs: 8373-8610  
PBSD 8827  
5 1/2" 17# @ 8865'  
First stage 410 sx

TD 8870

Well Bore Diagram Worksheet

Operataor: Harvard Petroleum Co.

Well Name: Lonecat Fed #1

API # 30-025-38447

Location: 20, 23S, 32E

Date Spud: 7/24/2007

Date Complete: 12/18/2007

PROPOSED PLUGS

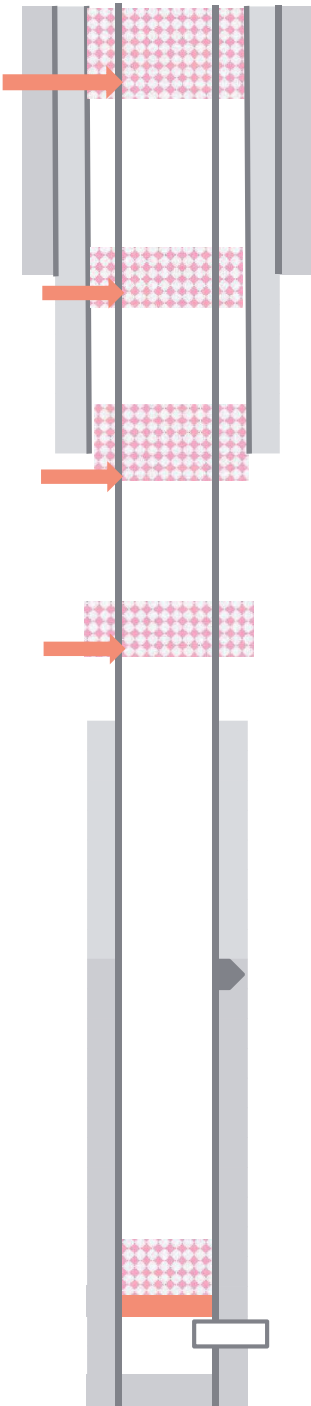
60 sx class C @ 200  
Surface to 200'  
Perf 200'

80 sx class C @ 1388  
1079-1388  
Perf 1388'

35 sx class C @ 4607  
4472 to 4607  
Perf 4607

35 sx class C @ 4858  
4723-4853  
Perf 4858

25 sx Class H OR  
25' class H  
8070-8323  
CIBP @ 8323



TD 8870

13 3/8" 54.5# @ 1171  
1125 sx Circ.

8 5/8" 32# @ 4557  
2650 sx, Circ.

Formation	Top
Rustler	1198
Solado	1338
TOC 5870	Castillo 4555
	Lamar 4781
	Delaware 4808
	Cherry Can 5699
	Brushy Draw 7393
	Bone Springs 8654

DV Tool 6750  
2 nd stage 320 sx

Perfs: 8373-8610  
PBSD 8827  
5 1/2" 17# @ 8865'  
First stage 410 sx

**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 388486

CONDITIONS

Operator: HARVARD PETROLEUM COMPANY, LLC P.O. Box 936 Roswell, NM 88202	OGRID: 10155
	Action Number: 388486
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	10/25/2024