

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Div-Dist. 2

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

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 reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Harvard Petroleum Corporation

3a. Address

PO Box 936, Roswell, NM 88201-0936

3b. Phone No. (include area code)

505-623-1581

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

660' FNL & 1980' FWL, Sec 18-T21S-R27E

5. Lease Serial No.

NM-0560291

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Federal "00" #2

9. API Well No.

30-015-21433

10. Field and Pool, or Exploratory Area

WC CEDAR HILLS; UPPER PENN

11. County or Parish, State

Eddy Co., NM

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

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|---|--|--|---|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <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 | |

3. 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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Please see the attached P&A report.

Approved as to plugging of the well bore.
Liability under bond is retained until
surface restoration is completed.

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

Jeff Harvard

Title President

Signature

Date 10/13/05

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by (Signature)

(ORIG. SGD.) ALEXIS C. SWOBODA

Name
(Printed/Typed)

PETROLEUM ENGINEER

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

Date

OCT 19 2005

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.

(Continued on next page)

FEDERAL "00" #2

3/15/04 Hookup kill truck, pmp down csg 100 bbl, csg on hard vacuum 2 bpm, pmp down tbg 30 bbl, 100psi, RD truck. RUPU, RD wellhead, NU BOP, deliver & set 6 frac tanks, 1-250 test tank, catwalk, mat board & pipe rack. Latch onto tbg, part @ 12K, TOH, had 30 stands + 4' on 61st jt, PU overshot & extensions, TIH to 1910', tag, work down to 1922', could not go deeper, TOH, had nothing in shoe, TIH to 1910', tag work down to 1922' TOH, had nothing, lay down overshot & extensions, close BOP, SDON

3/16/04 Deliver & set reverse unit, drill collars & washover pipe. Check PSI on well 0 psi, PU 4 3/4" shoe, 2 jts 4 1/2" washover pipe, 3 3/4" jar, 4-3 1/2" drill collars, TIH to 1923' RU power swivel, start drill @ 9:30 am. Drill to 1:00 pm, make 9' stop making hole, TOH, shoe good, had cores of cmt in shoe & washover pipe, no indication of 5 1/2" or 8 5/8" csg, not marks on the shoe or wash pipe to indicate that we went outside of or worked against any casing, close BOP, SDON

3/17/04 Check psi on well 0, RU wireline truck, run mult-arm 5 1/2" csg caliper log, RIH, set down at 1923', start logging, have no csg from 1923' to 1919', have possible hole @ 1903', RIH w/ 1 7/16" CCL, got down to 1935', had no indication of casing until 1919', RD truck, lay down DC & washover pipe, RD reverse unit close BOP, SDON

3/18/04 RIH w/ 4 1/2" lead block on tbg, tag at 1919' went past and stopped at 1923', TOH w/ block, had 1" gouge and 2" of rolled shoulder on btm outside edge, block also shows a 2" gouge where it came back into 5 1/2" csg, conferred w/ BLM, agreed to pull 5 1/2" csg, dig out cellar, ND wellhead, spear csg and attempt to pull off slips up to 100,000#, could move, tried to jar slips loose w/ primer cord, no success, SDFN

3/19/04 RU casing jacks and csg spear, slips came loose at 142,000#, 5 1/2" casing appears free at 28,000 #, TOH, lay down 46 jts & 4' piece of 47th jt, 1906.75' total 5 1/2" pulled, NU BOP, TIH w/ SN, 4' perf sub, to 1921, tag, PU to 1910, SDON

3/20/04 TIH to 1921', RU/BJ Services, pump 100 sks C w/ 10 % A10 (gypsum) + 1-1/2% Ca + 8 lb LMC, TOH, wait 3 hrs, TIH tag @ 1921 RU & pmp 100 sks C w/ 4% Ca, TOH, wait 3 hrs, TIH tag @ 1915, made 6', pmp 50 sks C w/ 4% Ca, TOH wait 3 hrs, TIH tag @ 1915, same spot, pmp 50 sks C w/ 4% Ca, TOH close BOP SDON

3/21/04 ND BOP, TIH to 1915, tag, dump 8 yds gravel down hole 3/8" crushed, 10 yds 1/2-1" gravel down hole, pmp 50 sks C w/ 9% Ca, TOH 18 stands tbg, cmt started setting up in tbg, LD tbg, pmp through tbg on racks, 25 sks C on formation, SDON

3/22/04 TIH tally tbg, tag @ 1912 TOH, 2jts bent, LD bad tbg, PU new tbg, TIH, Jim Amos w/ BLM recommended dumping gravel until fill reached 1906', dump gravel in csg, tag after 20 yds in, 1912', TOH 10 stands, SDON

3/23/04 TIH, tag at 1912', dump 10 yds gravel, no gain, dump 7 yds 1" gravel, gained about 2' (55 yd gravel in hole to date), TOH 10 stds, SDON

3/24/04 TIH, tag at 1910', gained 2', dump 15 yds 1-1 1/2" gravel, little to no gain, spoke w/ BLM, they agreed to let us run a CCL and gauge ring to see if 5/8" casing was deep enough to set a CIBP. SDFN

3/25/04 RU wireline, RIH w/ CCL and gauge ring, had to work thru tight spots at 600', 1100' and last joint from 1850 to TD at 1900'. Last joint very bad, w/ BLM approval from Jim Amos, set CIBP at 1840' and dump 2 bailers cmt (35') on top, RD wireline, attempt to load hole, would not load, Couldn't get BJ to cmt in the afternoon, they will try to get to us tomorrow. SDFD

3/26/04 TIH, tag at 1825', RU Dowell Schlumberger, pump 150 sx "C" w/ 4% CaCl, TOH, wait 2 hrs, tag at 1377', pump 250 sx "C" w/ 2% CaCl, SDFD

3/27/04 TIH, tag at 797', RU Dowell, tried to break circ, unable, pump 100 sx "C" w/ 4% CaCl, wait 2 hrs, tag at 774', pump 25 sx "C" w/ 4%, wait 2 hrs, tag at 774', dump ten 5 gal buckets of 1" rock, gained 3' of fill to 771', pump 25 sx C w/ 4%, wait 2 hrs, tag at 751', circ hole w/ 100% returns, pump 275 sx C w/ 2%, circ 12 sx to pit, TOH, LD tbg, top off well w/ 12 sx, RD Dowell, wash and clean up, RD PU, SDFD

3/28/04 SDFS

3/29/04 Dig out cellar, cut off casing head, install dry hole marker, dig up anchors and flowline, load up pipe racks, clean loc,

Wait on final location restoration.