

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
1625 N. French Dr.
Hobbs, NM 88240

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.

5. Lease Serial No.

NO 0107697 NM-0107678

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA/Agreement, Name and/or
CA NM 94489

8. Well Name and No.

DELHI FEDERAL No. 1

9. API Well No.

30-025-20025

10. Field and Pool, or Exploratory Area
LUSK STRAWN

11. County or Parish, State

LEA NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

BELLWETHER EXPLORATION COMPANY

3a. Address

1331 LAMAR, SUITE 1455 HOUSTON, TEXAS 77010-3039

3b. Phone No. (include area code)

713-650-1025

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

660' F&L & 1980' FEL, Unit C, SECTION 30, T19S-R32E

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

☒ Acidize

☐ Deepen

☐ Production (Start/Resume)

☐ Water Shut-Off

☐ Alter Casing

☐ Fracture Treat

☐ Reclamation

☐ Well Integrity

☒ Casing Repair

☐ New Construction

☐ Recomplete

☐ Other

☐ Change Plans

☐ Plug and Abandon

☐ Temporarily Abandon

☐ Convert to Injection

☐ Plug Back

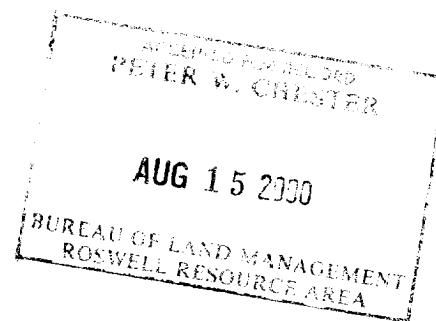
☐ Water Disposal

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 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 day 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 final site is ready for final inspection.)

Operations completed 7/21/00.

Squeeze casing leak and acidize well.

Procedure and Schematic attached.



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

Nancy K. Gatti

Title

Regulatory Coordinator

Date 08/08/00

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Office

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.

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes 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.

TORCH OPERATING COMPANY

Bellwether Exploration/Delhi Federal Com #1
Lusk Strawn Field
Lea County, New Mexico

July 20, 2000

LOCATION: 660' FNL & 1980' FWL – SEC. 30, T.19S. R.32E.

WELL DATA

Surface Casing: 8-5/8" set @4050'
Production Casing: 4-1/2" 11.6#/ft. set @11,400' (ID 4.000" - Drift 3.875")
Total Depth: 11,400'
PBTD: 11,397'
Est. TOC: 8300' (estimated)
Production Tubing: 0-8710' – 2-7/8" 8.6#/ft N-80
8710'-11,217' - 2-3/8" 4.7#/ft. N-80
Packer: None
Perfs: 11,226'-244', 11,258'-270', 11,277'-287' – Strawn Limestone

Activities Report

1. MIRU WOR. POH w/rods and pump. ND tree. NU and test BOP's. POH w/tubing.
2. Made bit and scraper run to 8150'. Set RBP @ 6590'.
3. Confirmed depth of casing leak at +/- 6070'. TIH w/open-ended tubing to 20' below leak. Mix and spot 50 sxs cement plug inside casing. POH and pressure up on casing w/ 1000 psi. Release pressure and WOC for 24 hours.
4. Drill out cement and test squeeze to 1000 psi. RIH w/ squeeze tool to 6000'. Swabbed well dry. Dry tested cement – OK. PU retrieving tool and TIH to top of RBP. Circulate sand off plug. Latch RBP. TIH to 11,000'. Set BP. Test casing to 1000 psi – OK. POOH w/ RBP.
5. PU packer w/on-off tool and TIH on tubing. Set packer at 11,150' and test backside to 1000 psi.
6. Loaded tubing w/CO2 and broke down perfs. Acid stimulated well with 5000 gallons of 15% HCl plus additives and CO2 (+/-10,000 gal total). Overflush with 8,000 gal CO2.

7. RU wireline. RIH and set plug in nipple below packer. Release on-off tool from packer. Swabbed wellbore down to minimize pressure differential to Strawn perfs. Engaged packer with on-off tool. Unseat packer and POH.
8. PU pumping BHA and TIH. Set TAC and ND BOP's. Run redressed pump and rods. Space out and seat pump. Stroke pump w/rig to check pump action. Hang on beam. Return well to production. RDMO.

