

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Mack Energy Corporation

3. Address and Telephone No.

P.O. Box 1359 Artesia, N.M. 88211-1359 505-748-1288

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

Sec 1 T-79-S R-30-E 1980 FSL 1980 FWL Unit K

NM OIL CONS COMMISSION  
Drawer DD  
Artesia, NM 88210

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: September 30, 1990

5. Lease Designation and Serial No.

N.M. 0560353

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Hale Fed #1

9. API Well No.

30-015-24081

10. Field and Pool, or Exploratory Area

Sugart Yates SR QN Grb

11. County or Parish, State

Eddy N.M.

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

TYPE OF SUBMISSION

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

TYPE OF ACTION

- ☒ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting and completion work. If well is permanently plugged, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

- (1) Set 5 1/2 C.I.B.P. at 2500' cap w/35' cement  
(2) Spot 25 sacks cement plug at base of salt 2050'  
(3) Spot 40 sacks cement plug at top of salt to 8 3/8 shoe from 225' to 270'  
(4) Spot Cement plug from 60' to surface

RECEIVED  
NOV 15 1995  
OIL CON. DIV.  
DIST. 2  
OCT 30 10 05 AM '95  
RECEIVED

14. I hereby certify that the foregoing is true and correct

Signed

*Raymond A. Maden*

Title

*Superintendent*

Date 10-25-95

(This space for Federal or State office use)

Approved by

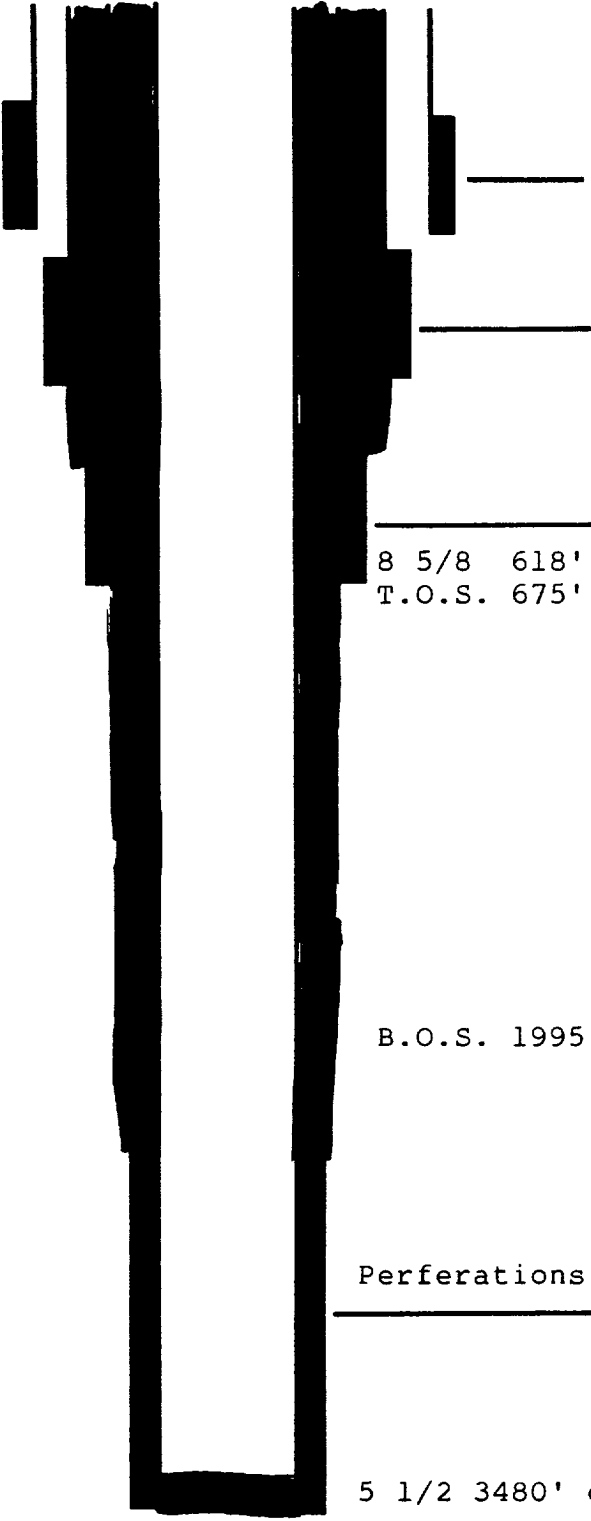
Title

*Patricia A. [unclear]*

Date 11/13/95

Conditions of approval, if any:

Before



8 5/8 618' cement w/250 sacks Cir.  
T.O.S. 675'

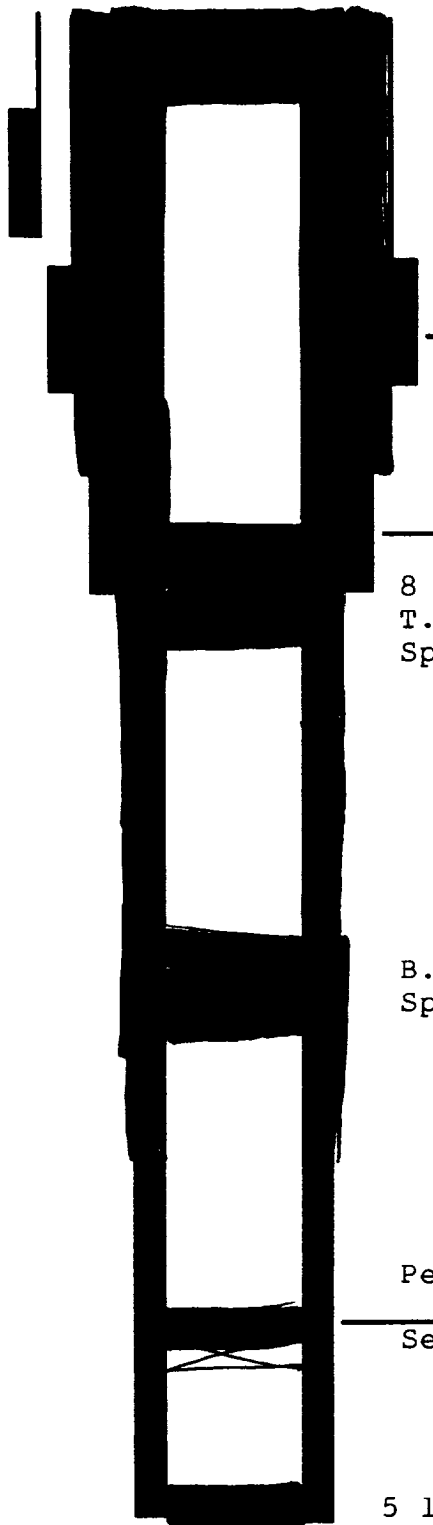
B.O.S. 1995'

Perforations 2536' - 3216'

5 1/2 3480' cement w/850 sacks cir

After

Mack Energy Corporation  
Hale Fed #1



Spot 60' Cement at Surface

8 3/8 618' cement w/250 sacks Cir.  
T.O.S. 675'

Spot 40 sacks cement from 725' to 50' above 8 5/8 Shoe  
570'

B.O.S. 1995  
Spot 25 sacks cement from 2050'

Perforations 2536' - 3216'

Set 5 1/2 CIBP 2500' cap w/35' cement

5 1/2 3480' cement w/850 sacks Cir.

**BUREAU OF LAND MANAGEMENT**  
**CARLSBAD RESOURCE AREA**

**Permanent Abandonment of Wells on Federal Lands**

**Conditions of Approval**

1. **Approval:** Plugging operations shall commence within 90 days from the approval date of plugging procedure.
2. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Eddy County call (505)887-6544 ; for wells in Lea County call (505) 393-3612.
3. **Blowout Preventers:** A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. 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 water. Minimum nine (9) pounds per gallon.
5. **Cement Requirements:** 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 otherwise specified in the approved procedure, the cement plug shall consist of either class "C" , for up to 7,500 feet of depth, mixed at 14.8 lbs./gal. with 6.3 gallons of fresh water per sack or class "H" , for deeper than 7,500 feet plugs, mixed at 16.4 lbs./gal. with 4.3 gallons of fresh water per sack.

6. **Dry Hole Marker:** All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement. The following information shall be permanently inscribed on the dry hole marker: Well name and number, the name of the operator, the lease serial number, the surveyed location (the quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer; such as metes and bounds).

7. **Subsequent Plugging Reporting:** Within 30 days after plugging work is completed, file one original and five copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging 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 well was plugged.

Following the submittal and approval of the Subsequent Report of Abandonment, surface restoration conditions of approval will be developed and furnished to you.