

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NM OIL CONS COMMISSION  
Drawer DD  
Artesia, NM 88210 *CSF*

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

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 505-748-1288

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

Sec 1 T-19-5 R-30-E 1980 FNL 990 FWL Unit E

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 #3

9. API Well No.

30-015-24375

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 any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

- (1) Set 5 1/2 CIBP at 3075 Cap w/35' Cement
- (2) Set 5 1/2 CIBP at 2550' cap w/35' Cement
- (3) Perferate 5 1/2 at Base of salt 2002' sq w/50 Sacks of Cement
- (4) Perferate 5 1/2 at top of salt sq w/60 Sacks of Cement to cover top of salt.
- (5) Perferate 5 1/2 at 60' circulate cement to surface between casing

RECEIVED

NOV 15 1995

OIL CON. DIV.  
DIST. 2

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

Signed

*Raymond M. Maldonado*

Title

*Supervisor*

Date

*10-25-95*

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

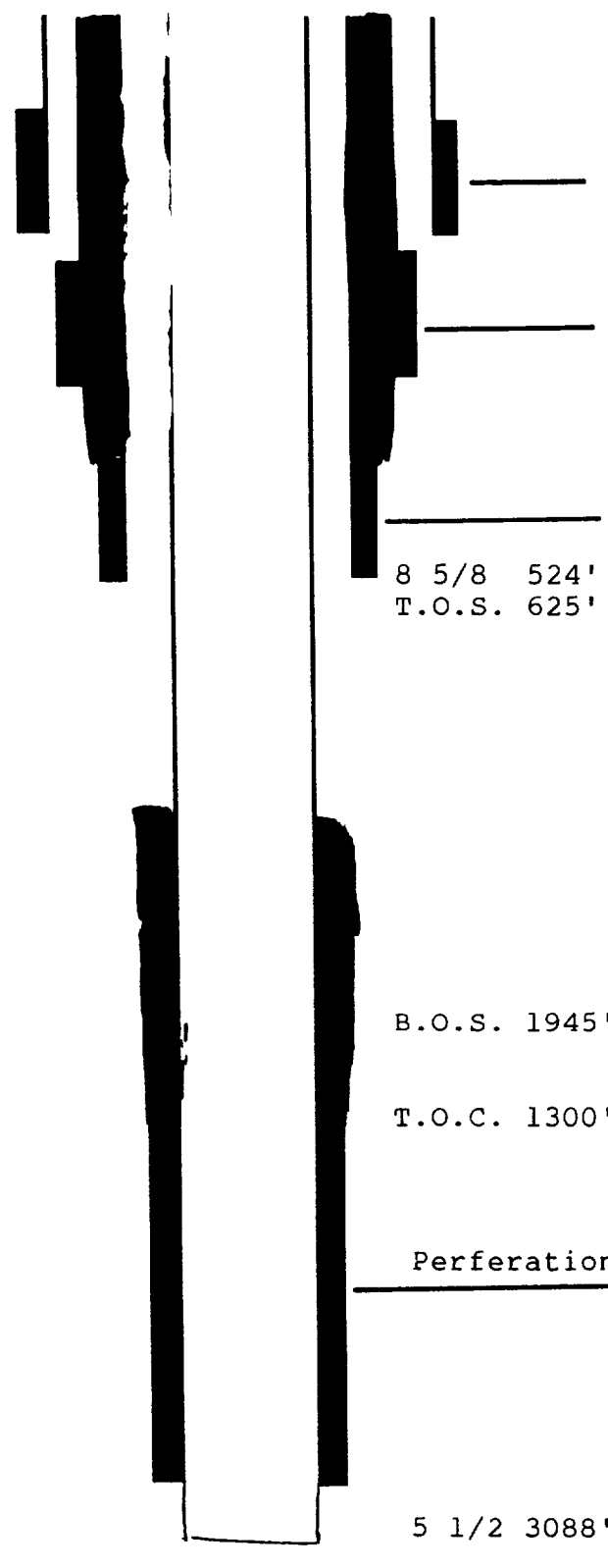
*Raymond M. Maldonado*

Date

*11/13/95*

Mark Energy Corporation  
Hale Fed #3

Before



8 5/8 524' cement w/? eir.  
T.O.S. 625'

B.O.S. 1945'

T.O.C. 1300'

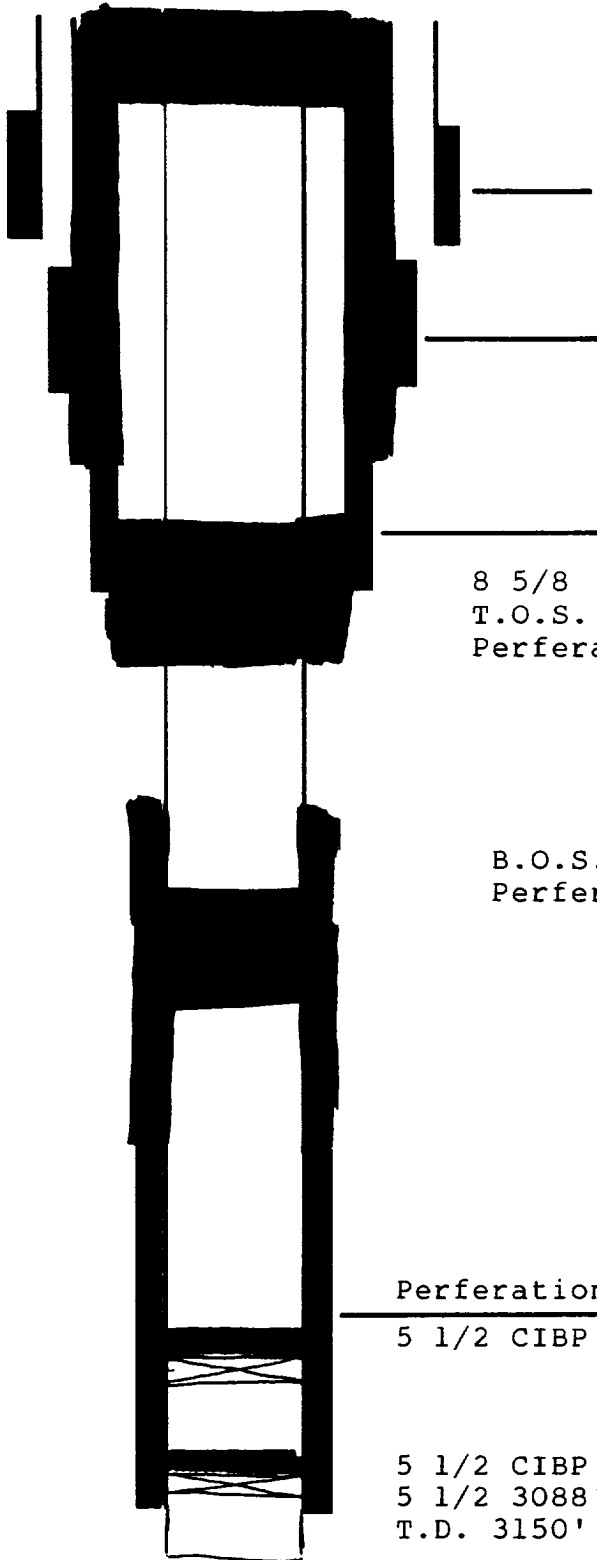
Perforation 2590' - 2600'

5 1/2 3088' cement w/425 sacks  
T.D. 3150'

Mack Energy Corporation  
Hale Fed #3

After

Perforations 60' circulate cement to  
surface between easing



8 5/8 524' cement w/? Cir.  
T.O.S. 625'  
Perforations 675 sq w/60 sacks

B.O.S. 1945'  
Perforations 2002 sq w/ 50 sacks

Perforations 2590 - 2600'  
5 1/2 CIBP 2550' Cap w/35' cement

5 1/2 CIBP 3075' Cap w/35' cement  
5 1/2 3088' cement w/425 sacks  
T.D. 3150'

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 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 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.