

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONS COMMISSION

Drawer DD FORM APPROVED
Artesia, NM Budget Bureau No. 1004-0135
Expires: March 31, 1993

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 960, Artesia, NM 88211-0960

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

660 FSL 660 FEL
Sec 27-T16S-R30E

5. Lease Designation and Serial No.

NM-012764

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Nunlee Federal #1

9. API Well No.

30-015-03942

10. Field and Pool, or Exploratory Area

Square Lake GB SA

11. County or Parish, State

Eddy, NM

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
☐ Dispose Water

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 Cmt plug from PBTD to 2865'.
2. Tag plug @ 2865'.
3. Circ hole w/mud laden fluid.
4. Perf csg 50' below base salt (1315
5. Squeeze perfs w/25sx cmt.
6. Tag plug @ 1215'.
7. Perf csg 50' below top salt 570'.
8. Squeeze perfs w/25sx cmt.
9. Tag plug @ 470'.
10. Perf csg @ 60'.
11. Squeeze perfs w/cmt and attempt to circ oil csg.
12. Install dry hole marker and clean location.
13. We will need a workover pit on this location.

RECEIVED

MAY - 9 1995

OIL CON. DIV.

DIST. 2

APR 20 10 47 AM '95

RECEIVED

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

Signed Gina D. Carter Title Production Clerk

Date 4-17-95

(This space for Federal or State office use)

Approved by (ORIG. SOD.) JOE G. LARA Title PETROLEUM ENGINEER

Date 5/5/95

Conditions of approval, if any: See attached. Also, @ step #7 perf csg 50' below 10" csg shoe @ 597'.

MACK ENERGY CORPORATION

NUNLEE FEDERAL 1
SEC 27 T16S R30E 660FSL 660FEL

WELL INFORMATION & HISTORY

LEASE # NM-012764
FIELD NAME SQUARE LAKE G SA
COUNTY EDDY
TYPE WELL OIL
TOP QUEEN 2290
TOP Gburg 2706
ELEVATION 3774'
PBDT: 2991'

TD: 2993'

SP Csg: 10" 42# @ 547' C/w 75sx Cmt and heavy Mud to top.

LS Csg: 7" 20# @ 2915' C/w 100sx Cmt and heavy mud to top.

T SALT: 520'

B SALT: 1265'

PERFS: OPEN HOLE 2915-2991

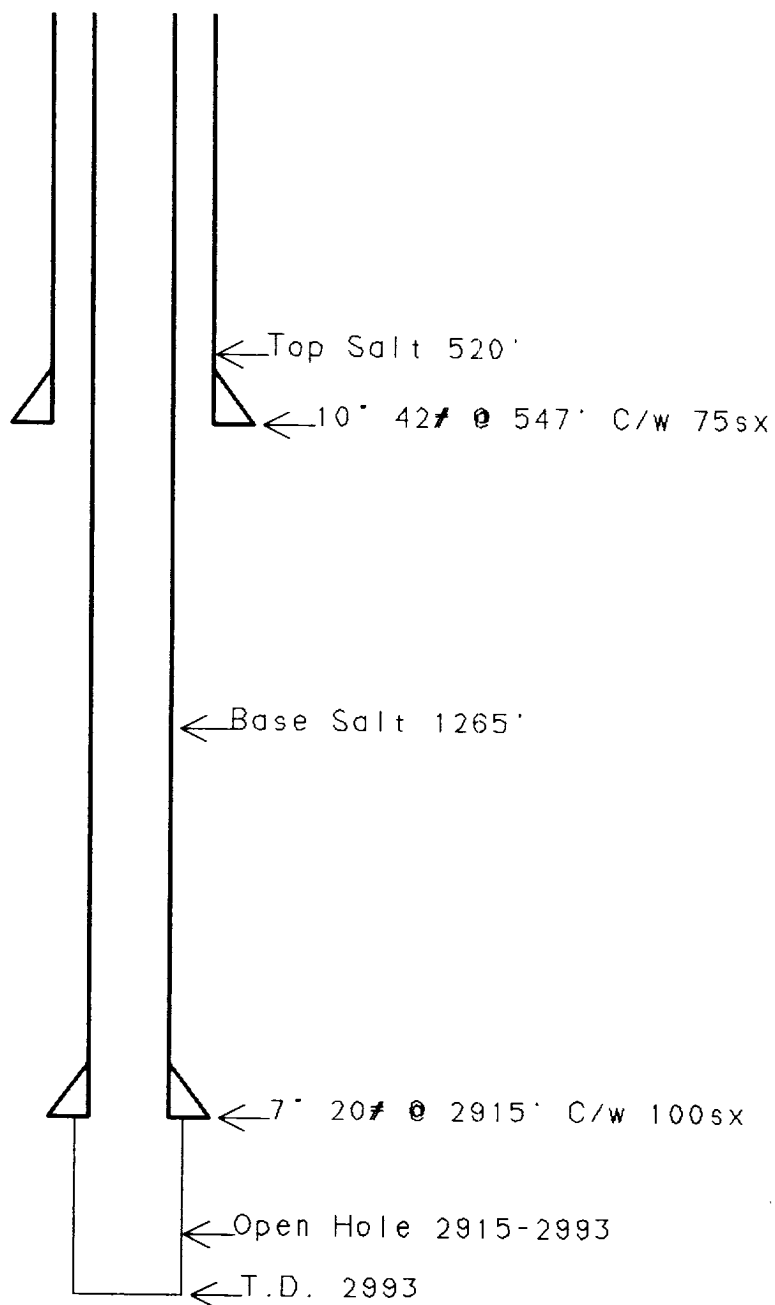
COMPLETION & WELL REPORT

Shot open hole from 2935-46 w/30 qts nitro
Shot open hole from 2946-69 w/40 qts nitro
Shot open hole from 2969-74 w/20 qts nitro
Shot open hole from 2974-85 w/30 qts nitro
Shot open hole from 2985-90 w/20 qts nitro

2-9-95

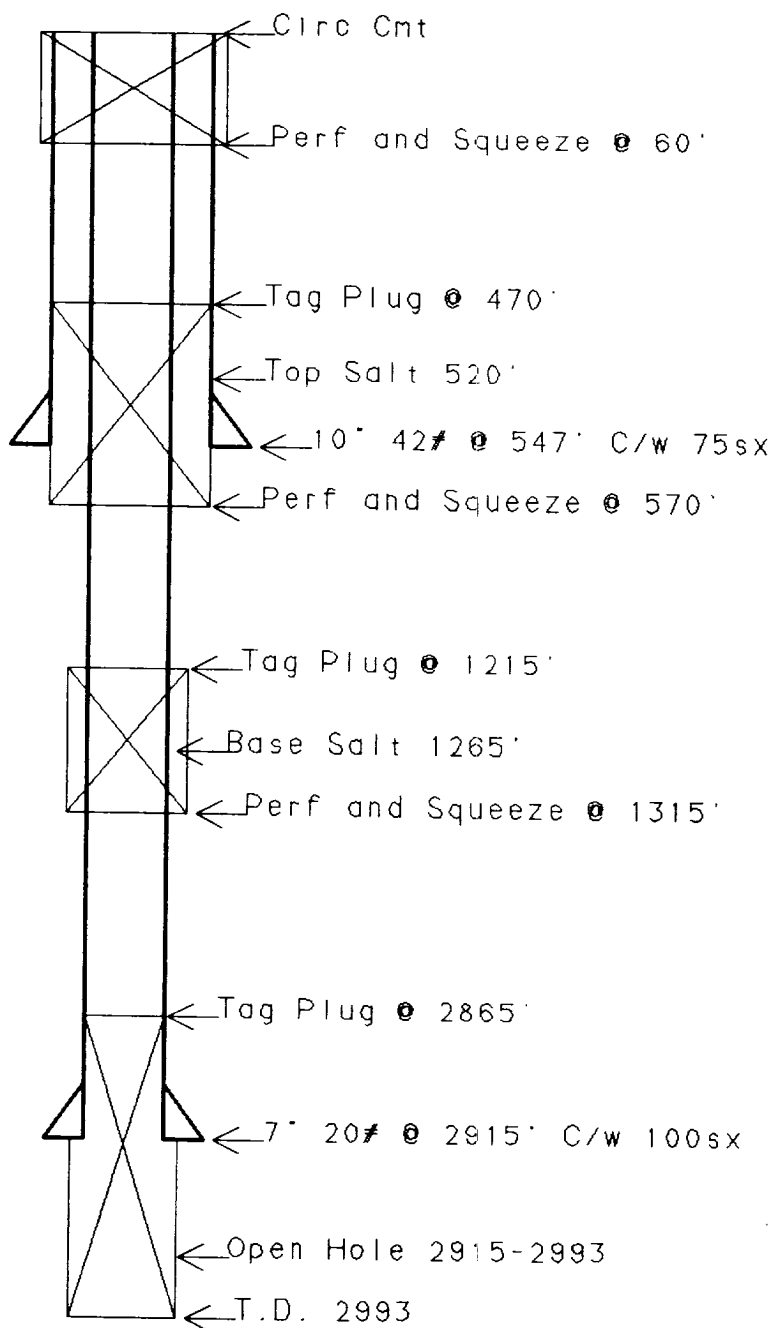
PROPOSE TO PLUG AND ABANDON AS FOLLOWS:

- 1 Set Cmt plug from PBDT to 2865'
- 2 Tag plug @ 2865
- 3 Circ hole w/mud laden fluid
- 4 Perf Csg 50' below base salt (1315)
- 5 Squeeze perfs w/25sx cmt
- 6 Tag plug @ 1215'
- 7 Perf csg 50' below top salt 570'
- 8 Squeeze perfs w/25sx cmt
- 9 Tag plug @ 470'
- 10 Perf csg @ 60'
- 11 Squeeze perfs w/cmt and attempt to circ all csg.
- 12 Install dry hole marker and clean location
- 13 We will need a workover pit on this location.



MACK ENERGY CORPORATION
WELL DIAGRAM
NUNLEE FEDERAL #1
SEC 27 T16S R30E
660FSL 660FEL

WELL DIAGRAM BEFORE
PREPARE BY
ROBERT CHASE



MACK ENERGY CORPORATION
 WELL DIAGRAM
 NUNLEE FEDERAL #1
 SEC 27 T16S R30E
 660FSL 660FEL

WELL DIAGRAM AFTER
 PREPARED BY
 ROBERT CHASE

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.