

CLSF

**NM OIL CONS COMMISSION**  
**Drawer DD**  
**UNITED STATES Artesia, NM 88210**  
**DEPARTMENT OF THE INTERIOR**  
**BUREAU OF LAND MANAGEMENT**

FORM APPROVED  
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   (505)748-1288

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1650 FNL 2310 FEL  
Sec 34-T18S-R29E

5. Lease Designation and Serial No.

NM-010907-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Featherstone Federal #2

9. API Well No.

30-015-03494

10. Field and Pool, or Exploratory Area

Turkey Track Queen GB

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

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> Abandonment | <input type="checkbox"/> Change of Plans         |
| <input type="checkbox"/> Recompletion           | <input type="checkbox"/> New Construction        |
| <input type="checkbox"/> Plugging Back          | <input type="checkbox"/> Non-Routine Fracturing  |
| <input type="checkbox"/> Casing Repair          | <input type="checkbox"/> Water Shut-Off          |
| <input type="checkbox"/> Altering Casing        | <input type="checkbox"/> Conversion to Injection |
| <input type="checkbox"/> Other _____            | <input type="checkbox"/> Dispose Water           |

(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. Circ hole w/mud laden fluid.
2. Set cmt plug from PBTD to 2049'.
3. Tag plug @ 2049'.
4. Perf csg 50' below base salt (985').
5. Squeeze perf w/25sx cmt.
6. Tag cmt plug @ 885'.
7. Perf csg 50' below top salt (382').
8. Squeeze perfs w/25sx cmt.
9. Tag plug @ 282'.
10. Perf csg @ 60'.
11. Squeeze perf w/cmt. Attempt to circ all csg to surface.
12. Install dry hole marker and clean location.
13. We will need workover pit on this location.

**RECEIVED**  
APR 21 1995  
OIL CON. DIV.  
DIST. 2

RECEIVED  
APR 7 3 10 PM '95

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

Signed Crisa D. Carter Title Production Clerk

Date 4-7-95

(This space for Federal or State office use)

Approved by **(ORIG. SGD.) JOE G. LARA**

Conditions of approval, if any: See attached. Title Petroleum Engineer

Date 4/14/95

# MACK ENERGY CORPORATION

FEATHERSTONE FEDERAL #2  
SEC 34 T18S R29E 1650FNL 2310FEL

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## WELL HISTORY

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SHOWS: 1350-60,1500-08,1900-08,2098-2107  
ELEV: 3416'  
PBSD: 2107'  
TD: 2107'

SP Csg: 8 5/8" 24# @ 348' C/w 25sx

LS Csg: 5 1/2" 15.5# @ 2099' C/w 35sx

T SALT: 332

B SALT: 935'

PERFS: OPEN HOLE 2099-2107

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## COMPLETION REPORT

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Frac open hole from 2099-2107 w/26000 gals wtr and 390sx sand.

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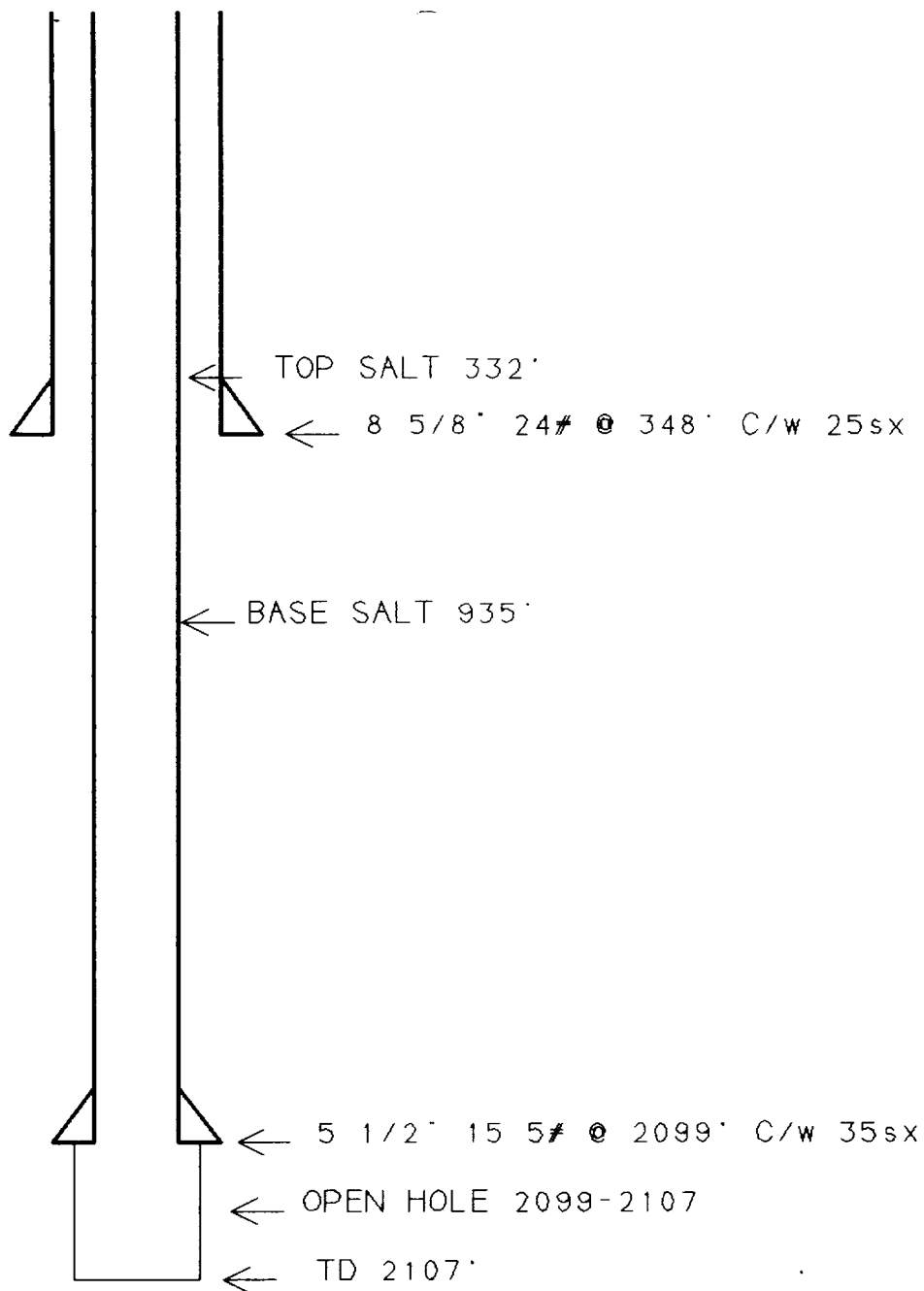
## WELL REPORT

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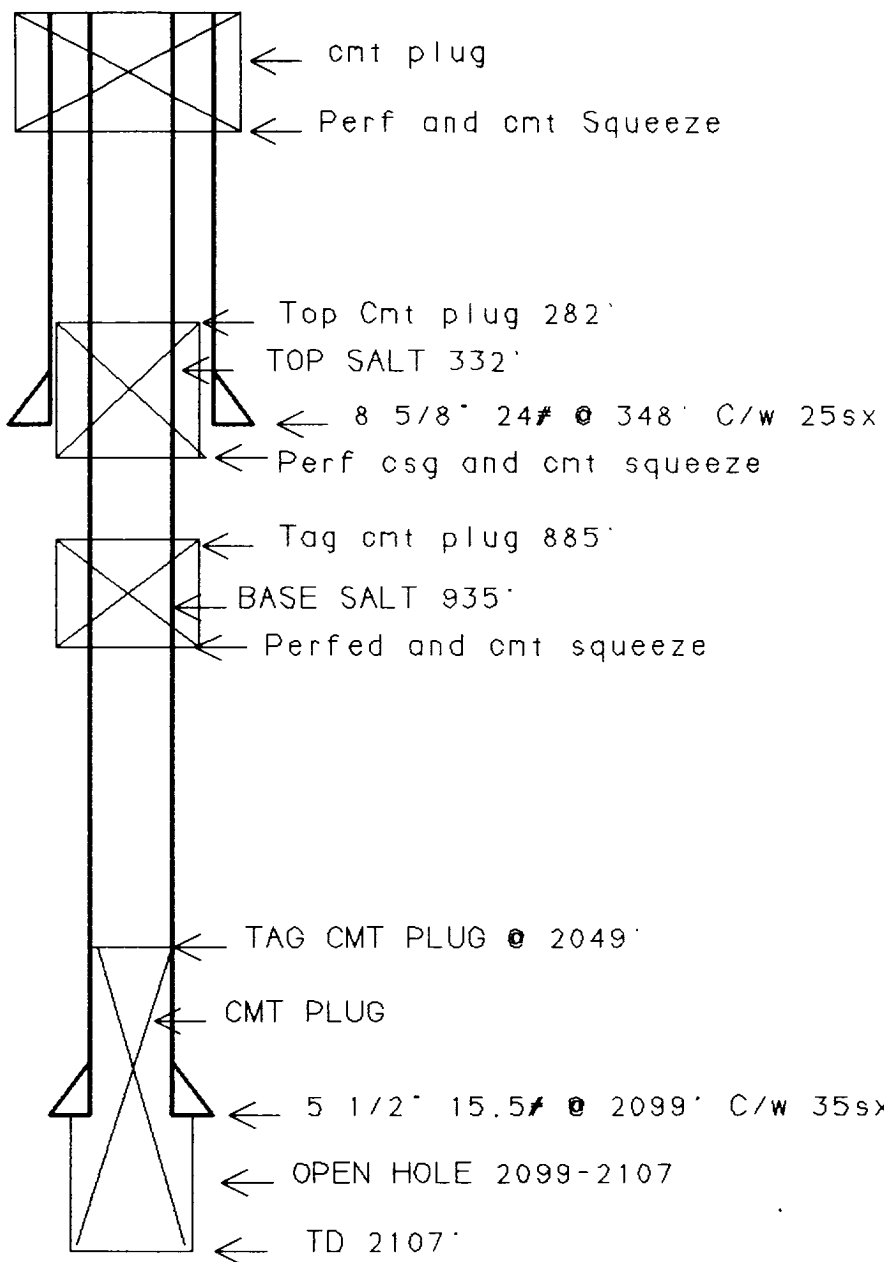
### 3-30-95 PROPOSE TO PLUG AND ABANDON AS FOLLOWS:

- 1 Circ hole w/mud laden fluid
- 2 Set Cmt plug from PBSD to 2049
- 3 Tag plug @ 2049'
- 4 Perf csg 50' below base salt (985')
- 5 Squeeze perf w/25sx cmt
- 6 Tag cmt plug @ 885'
- 7 Perf csg 50' below top salt (382')
- 8 Squeeze perfs w/25sx Cmt.
- 9 Tag plug @ 282'
- 10 Perf csg @ 60'
- 11 Squeeze perf w/cmt. Attempt to circ all csg to surface.
- 12 Install dry hole marker and clean location
- 13 We will need workover pit on this location.



MACK ENERGY CORPORATION  
WELL DIAGRAM  
FEATHERSTONE FED #2  
SEC 34 T18S R29E  
1650FNL 2310FEL

WELL DIAGRAM BEFORE  
PREPARE BY  
ROBERT CHASE



MACK ENERGY CORPORATION

WELL DIAGRAM

FEATHERSTONE FED #2

SEC 34 T18S R29E

1650FNL 2310FEL

WELL DIAGRAM AFTER  
 PREPARE 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.