

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

clsf

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

RECEIVED

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

APR - 6 1995

2. Name of Operator

Mack Energy

OIL CON. DIV.

3. Address and Telephone No.

P.O. Box 1359 - Artesia, New Mexico 88211-1359

DIST. 2

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

Sec. 34 T-18-S R-29-E 660 FSL 1980 FWL

5. Lease Designation and Serial No.

LC-062029

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Brainard Tract #1 Well

9. API Well No.

30-015-03502

10. Field and Pool, or Exploratory Area

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
☐ Dispose Water

(Note: Report results of multiple completion or well Completion or Recompletion Report and Log.)

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 1956
- 3) Tag plug 1956'
- 4) Perf csg 50' below base salt (990')
- 5) Squeeze perfs W/25 sx cmt
- 6) Tag plug @ 890'
- 7) Perf csg 50' below top salt (375')
- 8) Squeeze perfs W/25sx
- 9) Tag plug @ 275'
- 10) Perf csg @ 60'
- 11) Squeeze perfs W/cmt, Attempt to Circ cmt to surface on all csg.
- 12) Install dry hole Marker and clean location
- 13) We will need workover pit for this location

COPIES
18

APR 4 11 21 PM '95

RECEIVED

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

Signed Raymond Maldonado

Title Supervisor

Date 4-4-95

(This space for Federal or State office use)

Orig. Signed by Adam Salas

Approved by _____
Conditions of approval, if any:

Title Petroleum Engineer

Date 4/4/95

-SEE ATTACHED-

Title 18 U.S.C. Section 1001, 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.

*See Instruction on Reverse Side

MACK ENERGY CORPORATION

BRAINARD TRACT 1 #1
SEC 34 T18S R29E 660FSL 1980FWL

WELL HISTORY

SHOWS: 2110-19,2252-55
ELEV: 3417'
PBTD: 2133'
TD: 2265'

SP Csg: 8 5/8" 20# @ 340' C/w 25sx

LS Csg: 7" 20# @ 2006' C/w 100sx

T SALT: 325'

B SALT: 940'

PERFS: OPEN HOLE 2090-2130
QUEEN 2087

COMPLETION REPORT

Plugged back to 2133.
Shot open hole from 2090-2130 w/160 Qts Nitro

WELL REPORT

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

- 1 Circ hole w/mud laden fluid
- 2 Set Cmt plug from PBTD to 1956
- 3 Tag plug 1956'
- 4 Perf csg 50' below base salt (990')
- 5 Squeeze perfs w/25sx cmt
- 6 Tag plug @ 890'
- 7 Perf csg 50' below top salt (375')
- 8 Squeeze perfs w/25sx
- 9 Tag plug @ 275'
- 10 Perf csg @60'
- 11 Squeeze perfs w/cmt, Attempt to Circ cmt to surface on all csg.
- 12 Install dry hole marker and clean location
- 13 We will need workover pit for this location

Before

MACK ENERGY CORPORATION

LEASE NAME *Brainand Tract 1 #1*

8 5/8" 340'C/W 25 sacks

7" 2006' C/W 100 sacks
Open hole perf 2090-2130
PBD 2133'
T.D. 2265'

After

MACK ENERGY CORPORATION

LEASE NAME Brainand Tract 1 #1

Perforations 60' cir. cement to surface

8 5/8" 340' C/W 25 sacks

Perforations of top of salt 375'
squeeze W/25 sacks cement

Perforations at base of salt 990'
squeeze W/25 sacks cement

Spot cement from 2133' - 1956'

7" 2006' C/W 100 sacks
Open hole perf. 2090 - 2130
PBD 2133'
T.D. 2265'

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 9,898 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.