

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 recomplete a well. For such proposals use "APPLICATION FOR PERMIT—" for such proposals

RECEIVED

SUBMIT IN TRIPLICATE

APR - 6 1995

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

OIL CON. DIV.

2. Name of Operator

Mack Energy Corporation

DIST. 2

3. Address and Telephone No.

P.O. Box 1359 - Artesia, New Mexico 88211-1359 (505)748-1288

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

Sec. 34 T-18-S R-29-E 660 FSL 660 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 3 #3

9. API Well No.

30-015-03503

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-In
☐ 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 2049
- 3) Tag plug @ 2049'
- 4) Perf csg 50' below base salt (985')
- 5) Squeeze perfs W/25 sacks cement
- 6) Tag plug @ 875'
- 7) Perf csg 50' below top salt (375')
- 8) Squeeze perfs W/25 sacks cement
- 9) Tag plug @ 275'
- 10) Perf csg @ 60'
- 11) Squeeze perf st 60 and attempt to circ cmt in and out of all csg from 60'
- 12) Install dry hole marker and clean location
- 13) We will need a workover pit at this location

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2 PM '95
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14. I hereby certify that the foregoing is true and correct

Signed Raymond Maderack

Title Supervisor

Date 4-4-95

(This space for Federal or State office use)

Approved by Adrian S. Camach

Title Petroleum Engineer

Date 4/4/95

Conditions of approval, if any:

- SEE ATTACHED -

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.

MACK ENERGY CORPORATION

BRAINARD TRACT 3 #3
SEC 34 T18S R29E 660FSL 660FWL

WELL HISTORY

ELEV. 3426

S/O 2110-19

S/G 2252-55

PBTD: 2099

TD: 2273'

SP Csg: 8 5/8" 24# @ 410' C/w 100sx

LS Csg: 4 1/2" 9.5# @ 2099' C/w 100sx

T SALT: 325'

B SALT: 935'

PERFS: 2078-85

T QUEEN 2066'

COMPLETION REPORT

Frac perfs 2078-85 w/16000 gals wtr and 200sx sand.

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 2049.
- 3 Tag plug @ 2049'
- 4 Perf csg 50' below base salt (985')
- 5 Squeeze perfs w/25sx Cmt.
- 6 Tag plug @ 875'
- 7 Perf csg 50' below top salt (375')
- 8 Squeeze perfs w/25sx Cmt
- 9 Tag plug @ 275'
- 10 Perf csg @ 60'
- 11 Squeeze perfs at 60 and Attempt to circ cmt in and out of all csg from 60'
- 12 Install dry hole marker and clean location
- 13 We will need a workover pit at this location

Before

MACK ENERGY CORPORATION

LEASE NAME *Brainard Tract 3 #3*

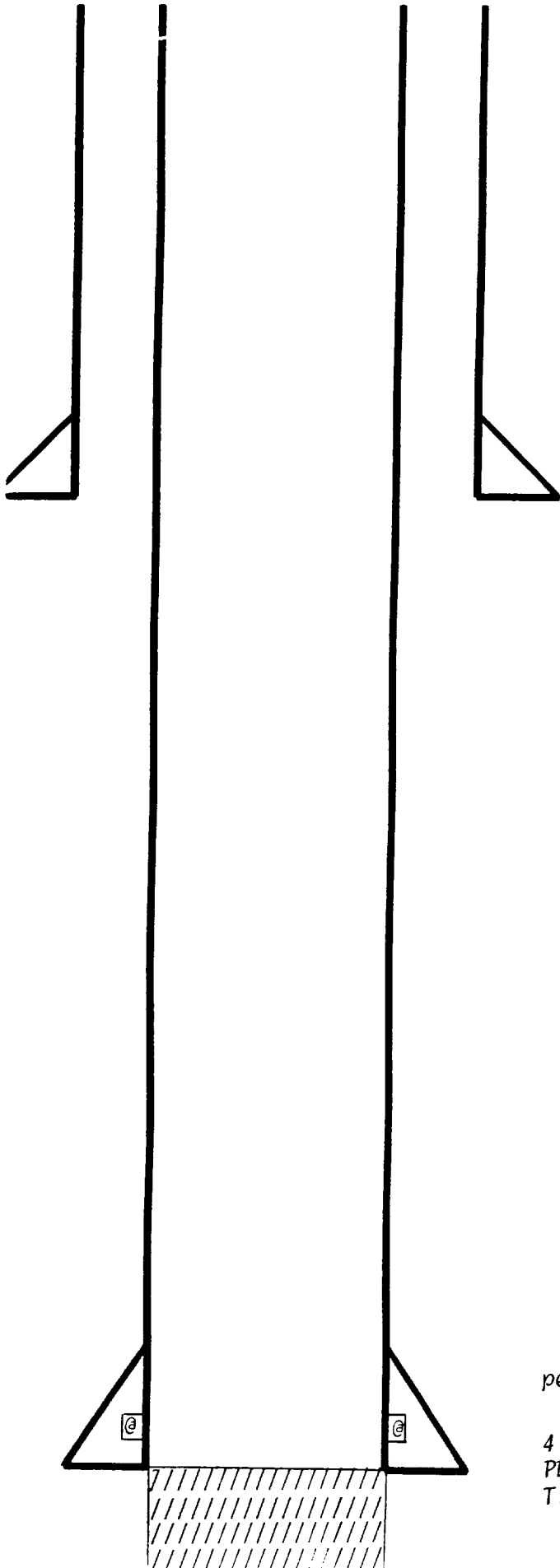
$8 \frac{5}{8}$ 410 C/W 100 sacks

pererations at 2078-2085'

$4 \frac{1}{2}$ 2099' C/W 100 sacks

PBTD 2099'

T.D. 2273'



This technical drawing shows a mechanical part with a central vertical shaft and a flange at the top. The part is shown in a cross-sectional view, indicated by the hatching. The hatching is composed of parallel diagonal lines. The central shaft is a solid cylinder. The flange at the top has a central hole. The drawing is a black and white line drawing with hatching for cross-sections.

PBTD 2099'
T.D. 2273'