

UNITED STATES  
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)  
660 FNL 1980 FEL  
Sec. 17-T16S-R30E

5. Lease Designation and Serial No.

NM-04068

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Sivley Federal #5

9. API Well No.

30-015-03895

10. Field and Pool, or Exploratory Area

West Henshaw Grayburg

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

(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 cmt plug from 2550' to 50' above all perfs.
2. Tag plug 50' above top perf (2458').
3. Perf csg 50' below base salt (1116').
4. Squeeze perfs w/25sx plug.
5. Tag cmt plug @ 1016'.
6. Perf csg 50' below top salt (546').
7. Squeeze perfs w/25sx plug.
8. Tag cmt plug 50' above top salt 446'.
9. Perf csg @ 60'. Will ~~AB~~
10. Squeeze perfs w/cmt. ~~Attempt to circ cmt to surface on all csg.~~
11. Install dry hole marker and clean location.
12. We will need a workover pit on this location.

RECEIVED

APR 27 1995

OIL CON. DIV.

DIST. 2

RECEIVED  
APR 1 3 10 PM '95  
CARLETON  
AREA

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. Signed by Adam Salameh  
Conditions of approval, if any:

Title Petroleum Engineer

Date 4/25/95

- 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

**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 9,096 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 Requirements:** 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 Requirements:** 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-S 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

SIVLEY FEDERAL #5  
SEC 17 T16S R30E 660FNL 1980FEL

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## WELL HISTORY

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ELEV: 3779'  
PBTD: 2802'  
  
TD: 2802'  
  
SP Csg: 10 3/4" 32.75# @ 528' C/w 50sx  
  
LS Csg: 7" 20# @ 2774' C/w 165sx (TOC BY SURVEY 1838')  
  
T SALT: 496'  
  
B SALT: 1066'  
  
PERFS: Open hole 2774-2802

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## COMPLETION REPORT

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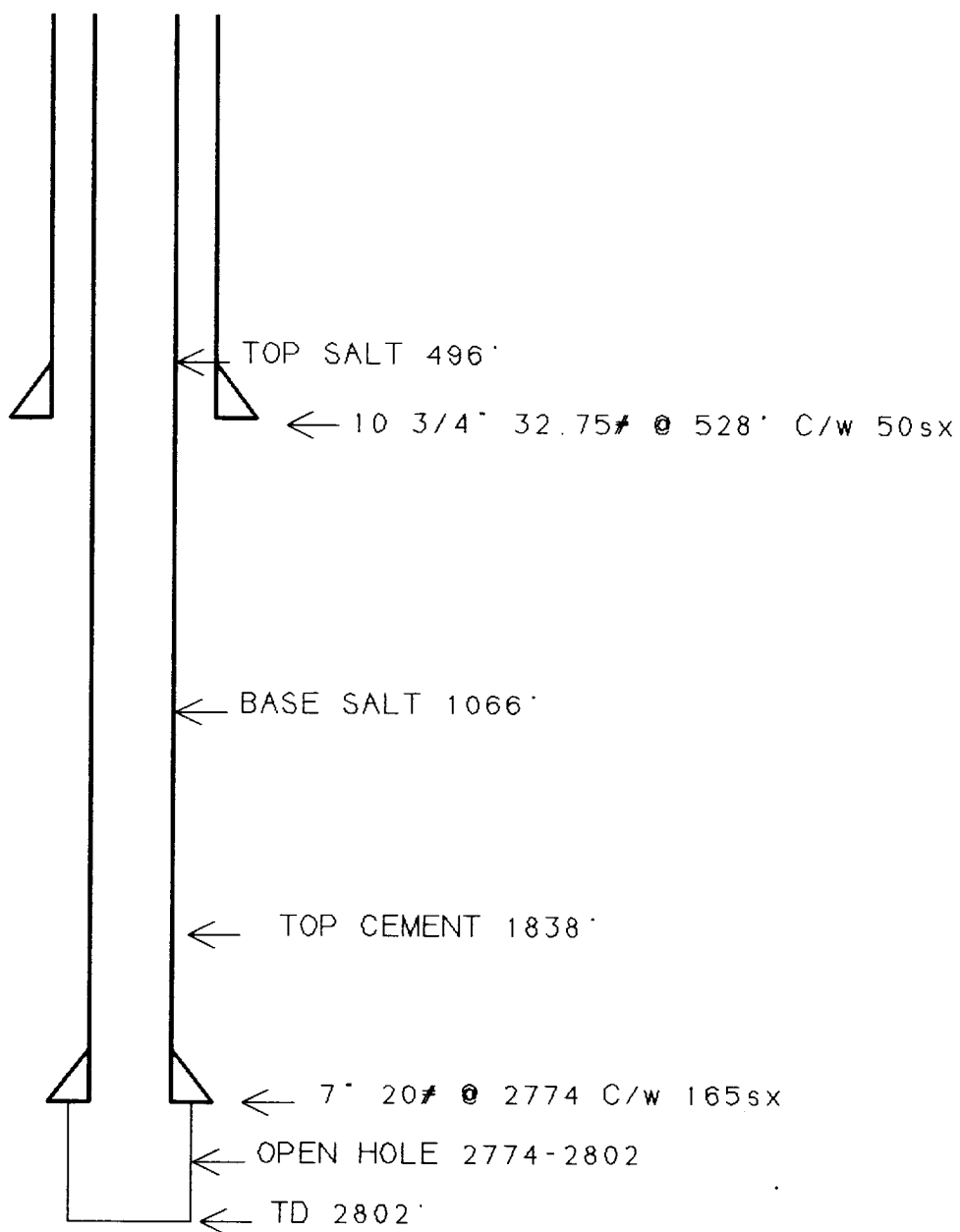
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## WELL REPORT

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- 11-14-83 Pulled rods and tbg. Perfed Csg from 2508-2765. Loaded open hole w/sand and Frac perms w/52000 gals ref oil and 680sx sand. Clean out to 2802' and put well back on pump.
- 12-19-92 Rigged up. Pulled rods and pump. Layed down tbg. Ran in hole w/tbg tagged 2770'
- 12-20-92 Clean out to 2795'
- 12-21-92 Put well back on pump.
- 2-21-94 Rigged up. Pulled and layed down rods and tbg. Put well in T.A. STATUS
- 3-31-95 PROPOSE TO PLUG AND ABANDON AS FOLLOWS:
- 1 Set cmt plug from 2550' to 50' above all perms.
  - 2 Tag plug 50' above top perf (2458)
  - 3 Perf csg 50' below base salt (1116')
  - 4 Squeeze perms w/25sx plug
  - 5 Tag cmt plug @ 1016'
  - 6 Perf csg 50' below top salt (546')
  - 7 Squeeze perms w/25sx plug
  - 8 Tag cmt plug 50' above top salt 446'
  - 9 Perf csg @60'
  - 10 Squeeze perms w/cmt. Attempt to Circ cmt to surface on all csg.
  - 11 Install dry hole marker and clean location
  - 12 We will need a workover pit on this location.



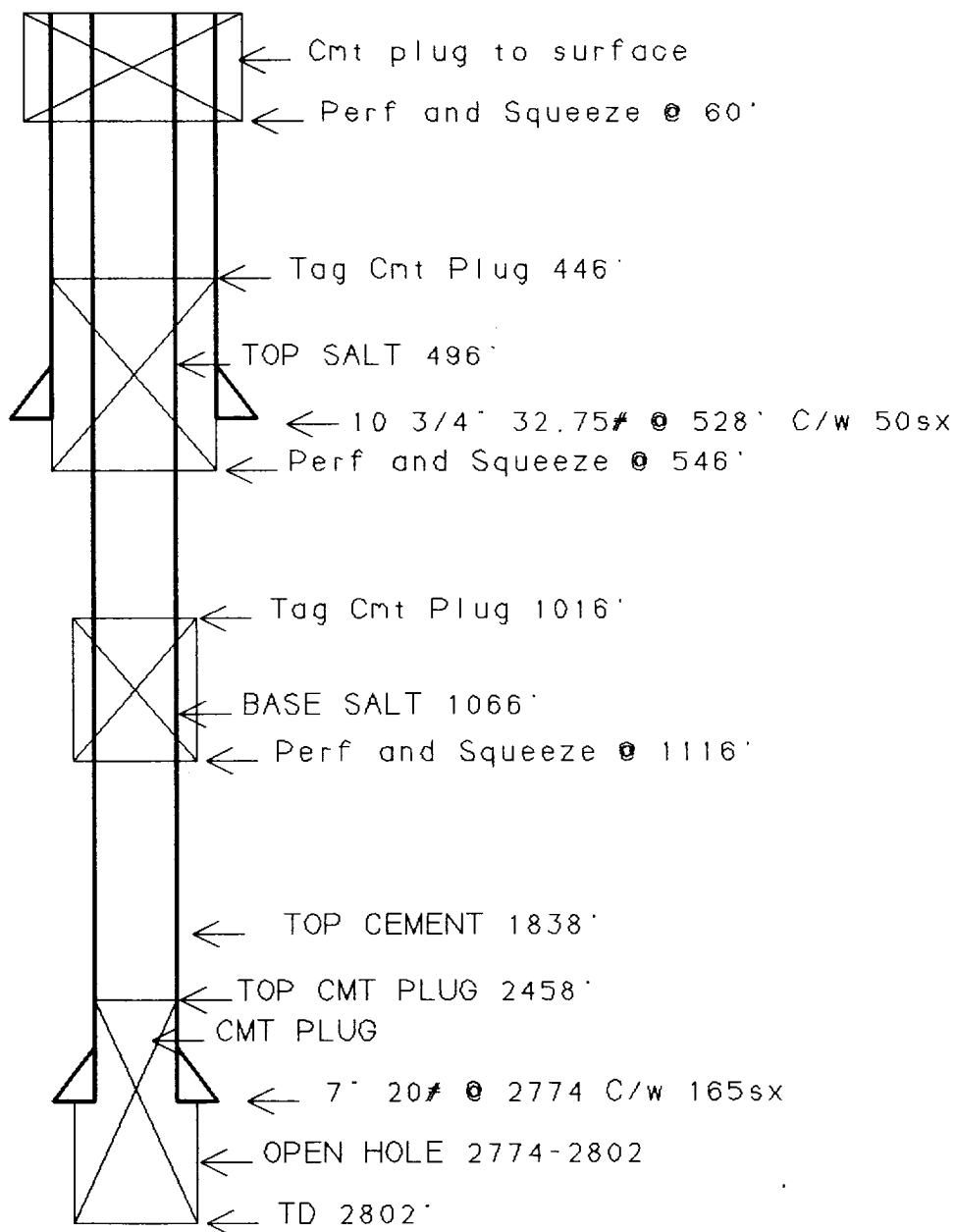
MACK ENERGY CORPORATION

WELL DIAGRAM  
SIVLY FEDERAL #5

SEC 17 T16S R30E

660FNL 1980FEL

WELL DIAGRAM BEFORE  
PREPARE BY  
ROBERT CHASE



MACK ENERGY CORPORATION

WELL DIAGRAM  
SIVLY FEDERAL #5

SEC 17 T16S R30E

660FNL 1980FEL

WELL DIAGRAM AFTER  
PREPARE BY  
ROBERT CHASE