

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

MARATHON OIL COMPANY

3. Address and Telephone No.

P.O. BOX 2409, HOBBS, NM 88240 (505) 393-7106

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

UNIT LETTER K, 1650' FSL, 1650' FWL

SECTION 28, T-27N, R-11W

5. Lease Designation and Serial No.

NMSF-080382A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

SCHWERTFEGER #6

9. API Well No.

30-045-06240

10. Field and Pool, or Exploratory Area

PICTURED CLIFFS

11. County or Parish, State

SAN JUAN, NEW MEXICO

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.)\*

THIS NOI IS REQUESTED TO SERVE AS AN ALTERNATE PROCEDURE. IN THE EVENT THAT THE CASING DOES NOT PRESSURE TEST (PER NOI TO TA APPROVED ON 1-19-01) THEN MARATHON WOULD LIKE TO IMMEDIATELY START P&A PROCEDURES WHILE THE RIG IS ON LOCATION.

DUE TO RIG AVAILABILITY, WORK IS SCHEDULED TO BEGIN IN MARCH 2002 WITH KEY P&A RIG #8.

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

Signed

Brian Teller

Title

Production Engineer

Date

8-20-01

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

9/18/01

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

## PLUG AND ABANDONMENT PROCEDURE

SCHWERDTFEGER #6  
PICTURED CLIFFS  
SEC. 28, T27N, R11W  
SAN JUAN, NEW MEXICO

NOTE: ALL CEMENT VOLUMES USE 100% EXCESS OUTSIDE PIPE AND 50 FT. EXCESS INSIDE PIPE. THE STABILIZING WELLBORE FLUID WILL BE 8.3 ppg, SUFFICIENT TO BALANCE ALL EXPOSED FORMATION PRESSURES.

1. INSTALL AND TEST RIG ANCHORS. PREPARE BLOW PIT. COMPLY WITH ALL BLM, MARATHON, AND KEY ENERGY SAFETY RULES AND REGULATIONS. MOL AND RU DAYLIGHT PULLING UNIT. CONDUCT SAFETY MEETING FOR ALL PERSONNEL ON LOCATION. NU RELIEF LINE AND BLOW DOWN WELL, KILL WITH WATER AS NECESSARY.
2. ND WELLHEAD AND NU BOP. TEST BOP. TOH AND LD 1953' OF 1" TBG. PU 5 1/2" CASING SCRAPER ON 2 3/8" WORK STRING AND RIH TO 1810'. POH.
3. **PLUG #1** (FRUITLAND, PICTURED CLIFFS, 1505' – 1794'): RIH WITH WIRELINE AND SET CIBP AT 1794'. TIH OPEN ENDED WITH TUBING AND TAG CIBP. CIRCULATE HOLE WITH WATER AND PRESSURE TEST CASING TO 500 PSI. BALANCE 40 SX CL. B CEMENT PLUG ON TOP OF CIBP. POH.
4. **PLUG #2** (OJO ALAMO, KIRTLAND, 690' - 906'): RIH AND PERFORATE SQUEEZE HOLES AT 906'. PU AND RIH WITH 5 1/2" RETAINER AND SET AT 856'. ESTABLISH INJECTION RATE INTO PERFORATIONS WITH WATER. MIX 146 SX CL. B CEMENT PLUG, PLACING 121 SX BELOW AND 25 SX ABOVE RETAINER. POH.
5. **PLUG #3** (SURFACE, 0' – 145'): RIH AND PERFORATE SQUEEZE HOLES AT 145'. ESTABLISH CIRCULATION TO SURFACE WITH WATER. MIX APPROXIMATELY 62 SX CL. B CEMENT TO CIRCULATE GOOD CEMENT TO SURFACE.
6. ND FLOOR AND BOP AND DIG CELLAR. FILL OUT HOT WORK PERMIT AND CUT OFF WELLHEAD BELOW SURFACE CASING FLANGE.
7. TOP OFF CASINGS AS NEEDED. INSTALL DRY HOLE MARKER. RD, MOL AND CUT OFF ANCHORS.
8. RESTORE LOCATION PER BLM STIPULATIONS.

TODAY'S DATE: 08-06-01

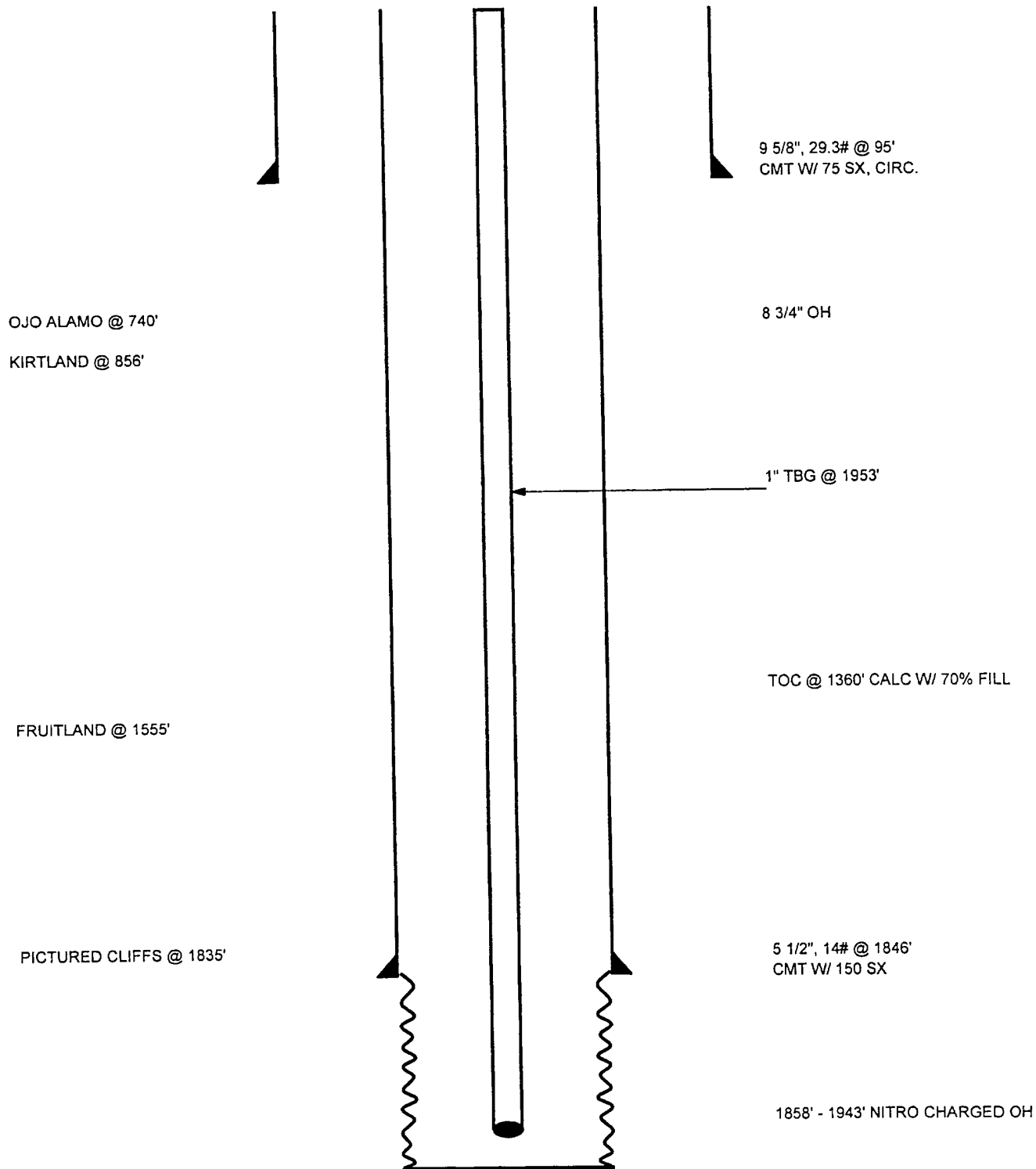
# SCHWERDTFEGER #6

CURRENT

PICTURED CLIFFS

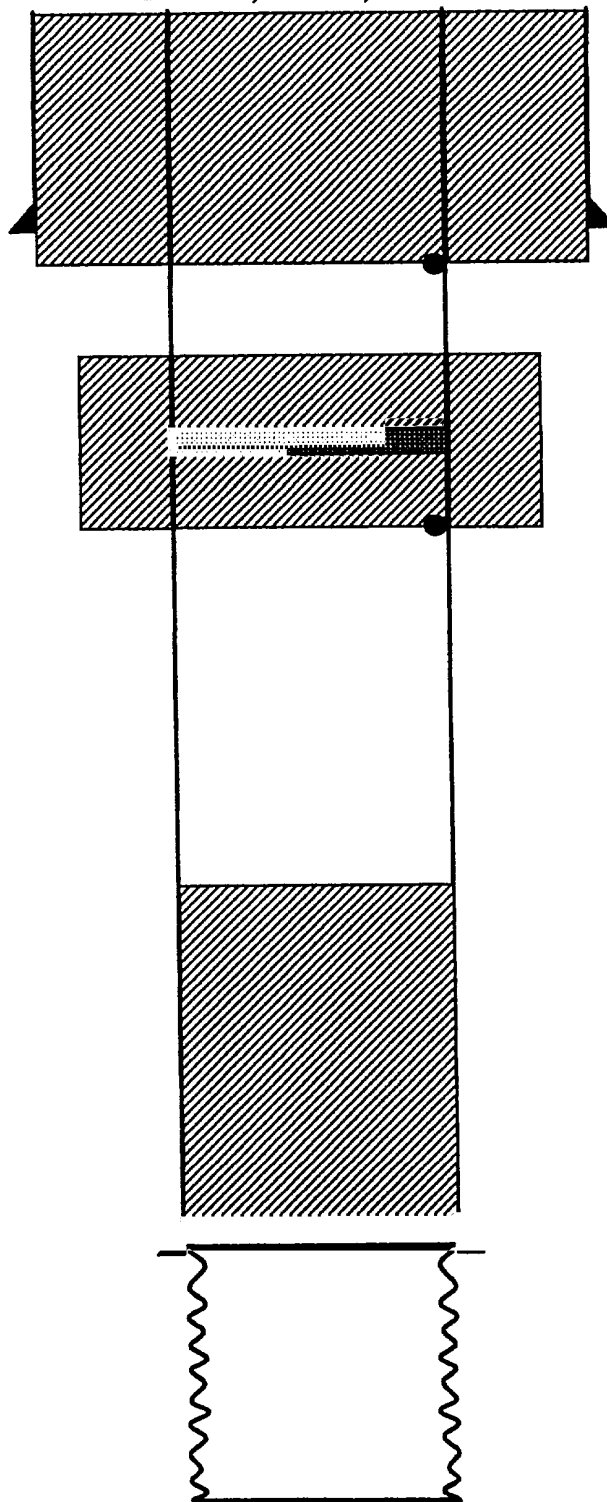
SAN JUAN, NM

SEC. 28, T-27-N, R-11-W



TODAY'S DATE: 08-06-01

**SCHWERDTFEGER #6**  
**PURPOSED**  
**PICTURED CLIFFS**  
**SAN JUAN, NM**  
**SEC. 28, T-27-N, R-11-W**



**PLUG #3 (0' - 145'), CMT W/ 62 SX**

9 5/8", 29.3# @ 95'  
CMT W/ 75 SX, CIRC.

PERFORATE @ 145'

OJO ALAMO @ 740'

KIRTLAND @ 856'

**PLUG #2 (690' - 906'), CMT W/ 146 SX**

RETAINER @ 856'

PERFORATE @ 906'

FRUITLAND @ 1555'

TOC @ 1360' CALC W/ 70% FILL

PICTURED CLIFFS @ 1835'

**PLUG #1 (1505' - 1794'), CMT W/ 40 SX**

CIBP @ 1794'

5 1/2", 14# @ 1846'  
CMT W/ 150 SX

1858' - 1943' NITRO CHARGED OH