

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 to enter to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.

NMSF-080382A

6. If Indian, Allottee or Tribe Name

NAPI

7. If Unit or CA, Agreement Designation

8. Well Name and No.

SCHWERTFEGER #7

9. API Well No.

30-045-06746

10. Field and Pool, or Exploratory Area

KUTZ CANYON, P.C.

11. County or Parish, State

SAN JUAN, NEW MEXICO

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 A, 990' FNL, 990' FEL  
SECTION 8, T-27N, R-11W

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<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.)\*

THIS NOI IS REQUESTED TO SERVE AS AN ALTERNATE PROCEDURE. IN THE EVENT THAT THE CASING DOES NOT TEST GOOD (PER NOI TO TA APPROVED ON 5-19-01) THEN MARATHON WOULD LIKE TO IMMEDIATELY START P&A PROCEDURES WHILE THE RIG IS ON LOCATION.

DUE TO THE P&A RIG AVAILABILITY, WORK IS SCHEDULED TO BEGIN IN MARCH 2002.

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

SCHWERDTFEGGER #7  
PICTURED CLIFFS  
SEC. 8, 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 1960' OF 1 ½" TBG. PU OVERSHOT ON 2 3/8" WORK STRING AND FISH OUT 838' OF 1" TUBING. PU 5 ½" CASING SCRAPER AND RIH TO 1860'. POH.
3. **PLUG #1** (FRUITLAND, PICTURED CLIFFS, 1575' – 1891'): RIH WITH WIRELINE AND SET CIBP AT 11841'. TIH OPEN ENDED WITH TUBING AND TAG CIBP. CIRCULATE HOLE WITH WATER AND PRESSURE TEST CASING TO 500 PSI. BALANCE 37 SX CL. B CEMENT PLUG ON TOP OF CIBP. POH.
4. **PLUG #2** (OJO ALAMO, KIRTLAND, 720' - 913'): RIH AND PERFORATE SQUEEZE HOLES AT 913'. PU AND RIH WITH 5 ½" RETAINER AND SET AT 863'. ESTABLISH INJECTION RATE INTO PERFORATIONS WITH WATER. MIX 112 SX CL. B CEMENT PLUG, PLACING 89 SX BELOW AND 23 SX ABOVE RETAINER. POH.
5. **PLUG #3** (SURFACE, 0' – 147'): RIH AND PERFORATE SQUEEZE HOLES AT 145'. ESTABLISH CIRCULATION TO SURFACE WITH WATER. MIX APPROXIMATELY 63 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

# SCHWERTDFEGER #7

CURRENT

PICTURED CLIFFS

SAN JUAN, NM

SEC. 8, T-27-N, R-11-W

9 5/8", 40# @ 97'  
CMT W/ 75 SX, CIRC.

8 3/4" OH

1 1/2" TBG @ 1960'

TOC @ 1415' CALC W/ 70% FILL

5 1/2", 14# @ 1901'  
CMT W/ 150 SX

838' OF 1" FISH DROPPED

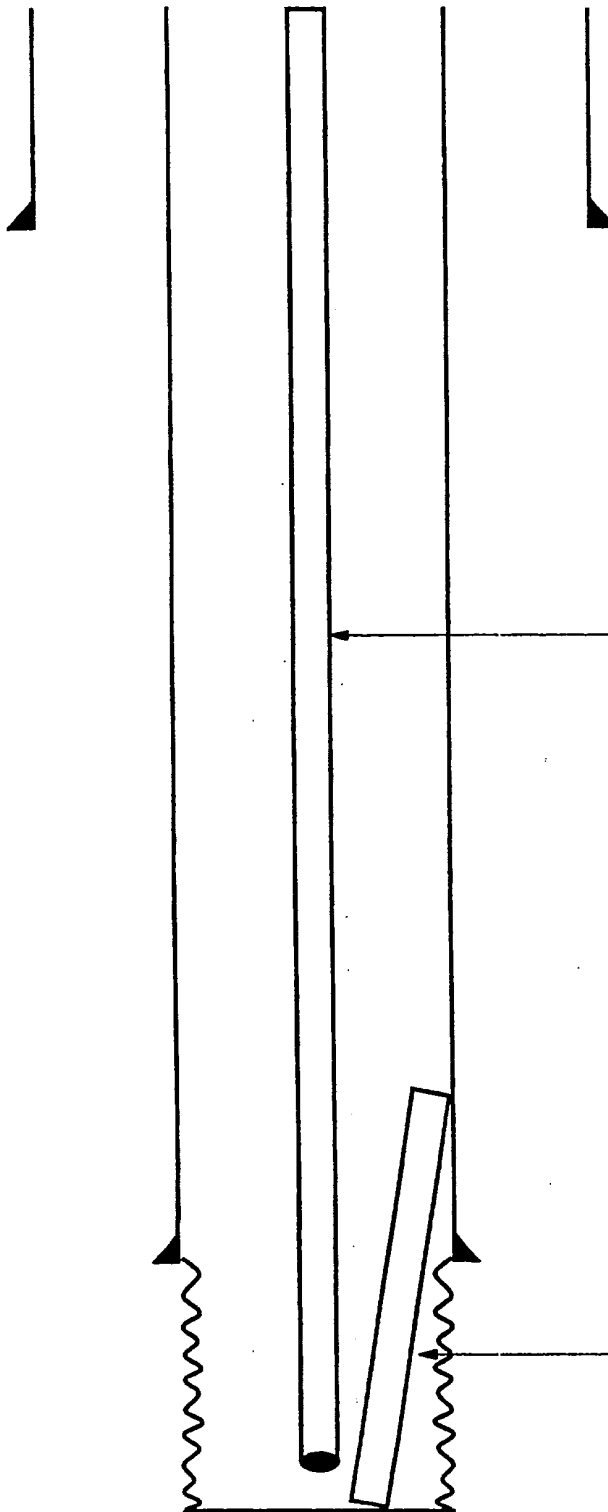
1901' - 2012' OH

OJO ALAMO @ 770'

KIRTLAND @ 863'

FRUITLAND @ 1625'

PICTURED CLIFFS @ 1897'



TODAY'S DATE: 08-06-01

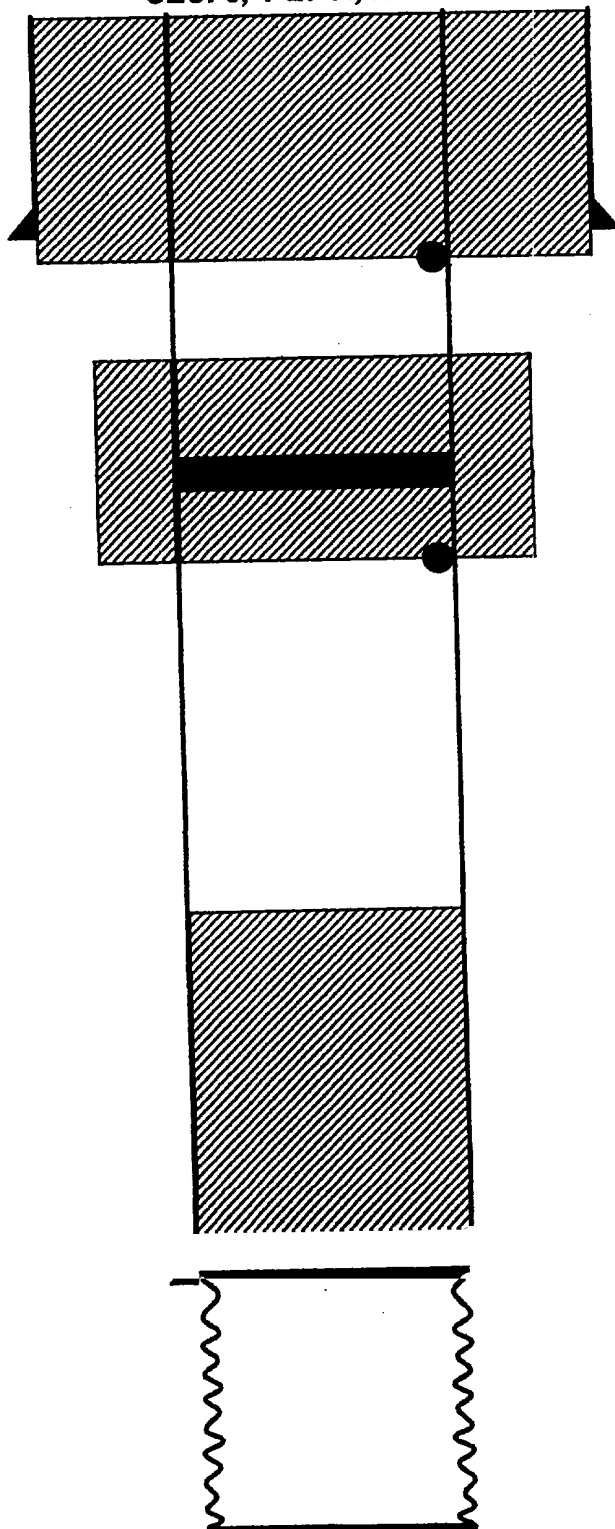
**SCHWERDTFEGER #7**  
**PURPOSED**  
**PICTURED CLIFFS**  
**SAN JUAN, NM**  
**SEC. 8, T-27-N, R-11-W**

OJO ALAMO @ 770'

KIRTLAND @ 863'

FRUITLAND @ 1625'

PICTURED CLIFFS @ 1897'



**PLUG #3 (0' - 147'), CMT W/ 63 SX**

9 5/8", 40# @ 97'  
CMT W/ 75 SX, CIRC.

PERFORATE @ 147'

**PLUG #2 (720' - 913'), CMT W/ 112 SX**

RETAINER @ 863'

PERFORATE @ 913'

TOC @ 1415' CALC W/ 70% FILL

**PLUG #1 (1575' - 1841'), CMT W/ 37 SX**

CIBP @ 1841'

5 1/2", 14# @ 1901'  
CMT W/ 150 SX

1901' - 2012' OH