

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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. <b>NMSF-078872A</b>
2. Name of Operator <b>MARATHON OIL COMPANY</b>	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. <b>P.O. BOX 2490, HOBBS, NM 88240 (505)393- 7106</b>	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>UNIT LETTER K, 1650' FSL, 1650' FWL SECTION 9, T-27N, R-11W</b>	8. Well Name and No. <b>ALLICE BOLACK #5</b>
	9. API Well No. <b>30-045-06661</b>
	10. Field and Pool, or Exploratory Area <b>KUTZ CANYON, P.C.</b>
	11. County or Parish, State <b>SAN JUAN, NEW MEXICO</b>

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.)\*

MARATHON OIL INTENDS TO PLUG AND ABANDON THE ABOVE WELL AS PER PROCEDURES ATTACHED.

DUE TO THE P&A RIG AVAILABILITY, WORK IS SCHEDULED TO BEGIN 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 \_\_\_\_\_ Title \_\_\_\_\_ Date 9/19/01  
Conditions of approval, if any: \_\_\_\_\_

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 Instructions on Reverse Side

## PLUG AND ABANDONMENT PROCEDURE

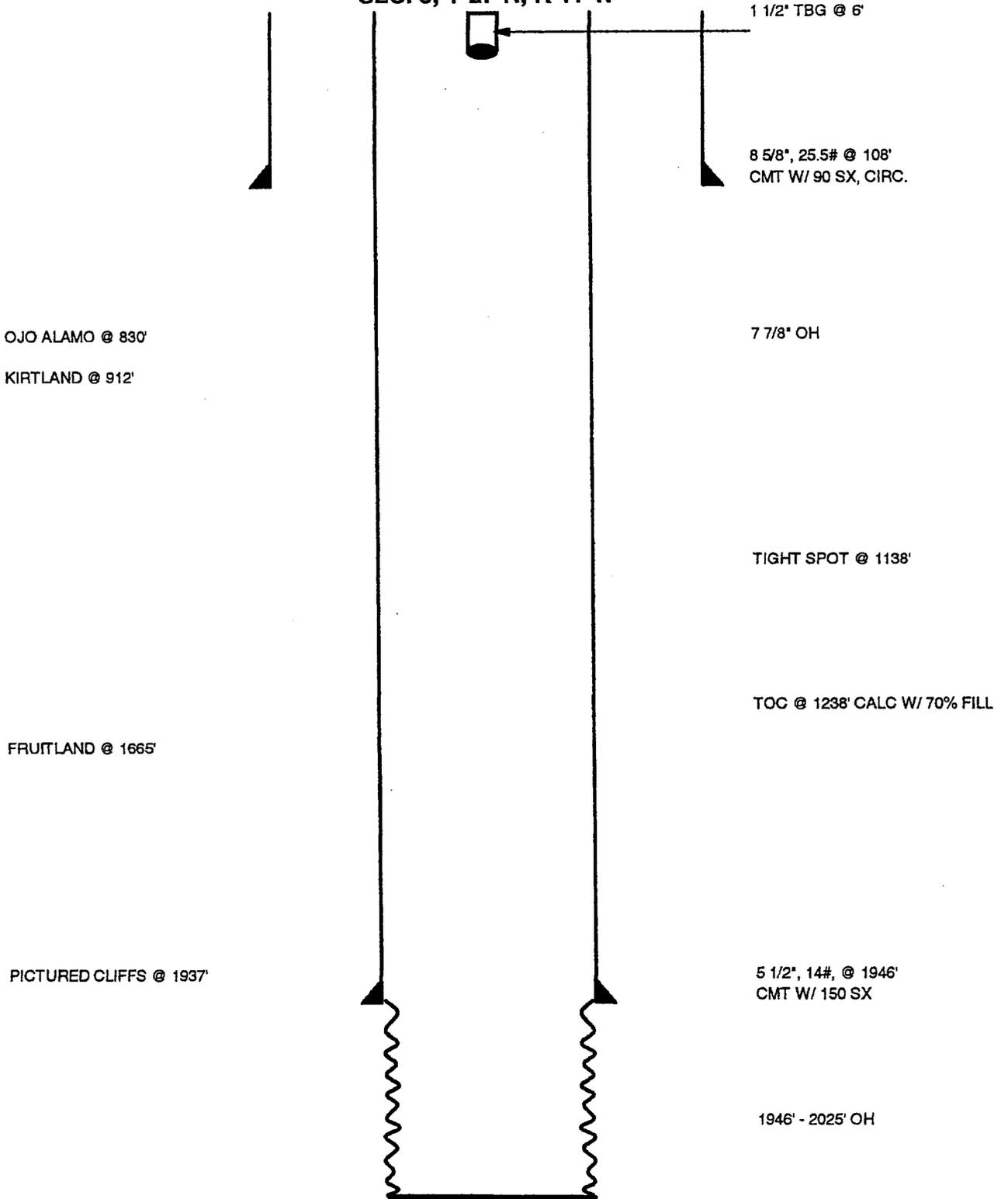
BOLACK #5  
PICTURED CLIFFS  
SEC. 9, T27N, R11W  
SAN JUAN, NEW MEXICO

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.

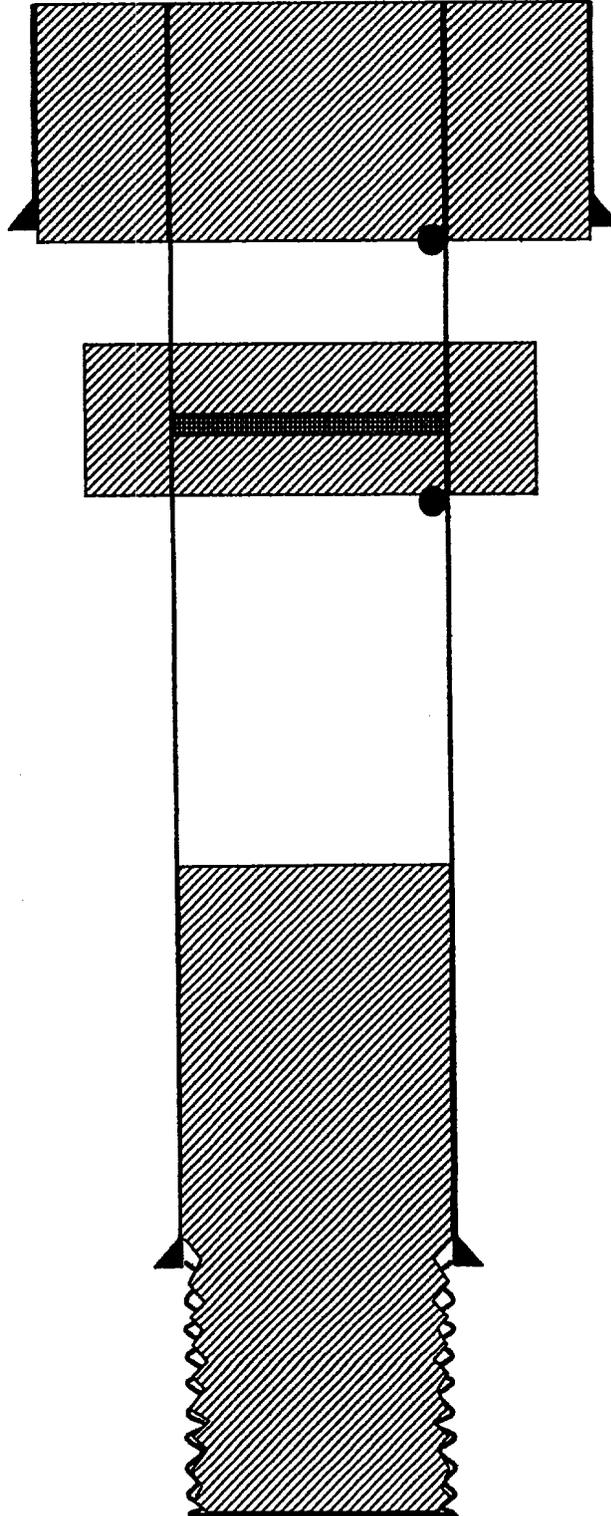
1. INSTALL AND TEST RIG ANCHORS. PREPARE BLOW PIT. COMPLY WITH ALL BLM, MARATHON, AND KEY ENERGY SAFETY RULES AND REGULATIONS. MOL AND RU DAYLIGHT PULLING UNIT. CONDUCT SAFETY MEETING FOR ALL PERSONNEL ON LOCATION. NU RELIEF LINE AND BLEED DOWN WELL, KILL WITH WATER AS NECESSARY.
2. ND WELLHEAD AND NU BOP. TEST BOP. PU AND RIH OPENENDED WITH 2 3/8" WORK STRING AND TAG FILL.
3. PLUG #1 (FRUITLAND, PICTURED CLIFFS, 1615' - 2025'): BALANCE 64 SX CL. B CEMENT PLUG WITH 2%CaCl INSIDE CASING. POH AND WOC. RIH AND TAG TOC, TOP OFF AS NEEDED. POH.
4. PLUG #2 (OJO ALAMO, KIRTLAND, 780' - 962'): RIH AND PERFORATE SQUEEZE HOLES AT 962'. PU AND RIH WITH 5 1/2" RETAINER AND SET AT 912'. ESTABLISH INJECTION RATE INTO PERFORATIONS WITH WATER. MIX 81 SX CL. B CEMENT PLUG, PLACING 60 SX BELOW AND 21 SX ABOVE RETAINER. POH.
5. PLUG #3 (SURFACE, 0' - 158'): RIH AND PERFORATE SQUEEZE HOLES AT 158'. ESTABLISH CIRCULATION TO SURFACE WITH WATER. MIX APPROXIMATELY 51 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

**BOLACK #5  
CURRENT  
PICTURED CLIFFS  
SAN JUAN, NM  
SEC. 9, T-27-N, R-11-W**



**BOLACK #3  
PURPOSED  
PICTURED CLIFFS  
SAN JUAN, NM  
SEC. 9, T-27-N, R-11-W**



PLUG #3 (0' - 158'), CMT W/ 51 SX

8 5/8", 25.5# @ 108'  
CMT W/ 90 SX, CIRC.

7 7/8" OH

PLUG #2 (780' - 962'), CMT W/ 81 SX

RETAINER @ 912

PERFORATE @ 962'

TIGHT SPOT @ 1138'

TOC @ 1238' CALC W/ 70% FILL

PLUG #1 (1615' - 2025'), CMT W/ 64 SX

5 1/2", 14#, @ 1946'  
CMT W/ 150 SX

1946' - 2025' OH

OJO ALAMO @ 830'

KIRTLAND @ 912'

FRUITLAND @ 1665'

PICTURED CLIFFS @ 1937'