

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.  
PO BOX 2490 HOBBS, NM 88240 (505) 393-7106

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
UNIT LETTER N: 790' FSL, 1850' FWL  
SECTION 15, T-27N, R-11W

5. Lease Designation and Serial No.

NMSF-078872A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

BOLACK #2-D

9. API Well No.

30-045-06447

10. Field and Pool, or Exploratory Area

BASIN DAKOTA

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	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other _____	<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 5-2-01) THEN MARATHON WOULD LIKE TO IMMEDIATELY START P&A PROCEDURES WHILE THE RIG IS ON LOCATION.

DUE TO NAPI HARVESTING AND 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

Title

Date

9/18/01

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 instruction on Reverse Side

## PLUG AND ABANDONMENT PROCEDURE

BOLACK #2-D  
DAKOTA  
SEC. 15, T27N, R11W  
SAN JUAN, NEW MEXICO

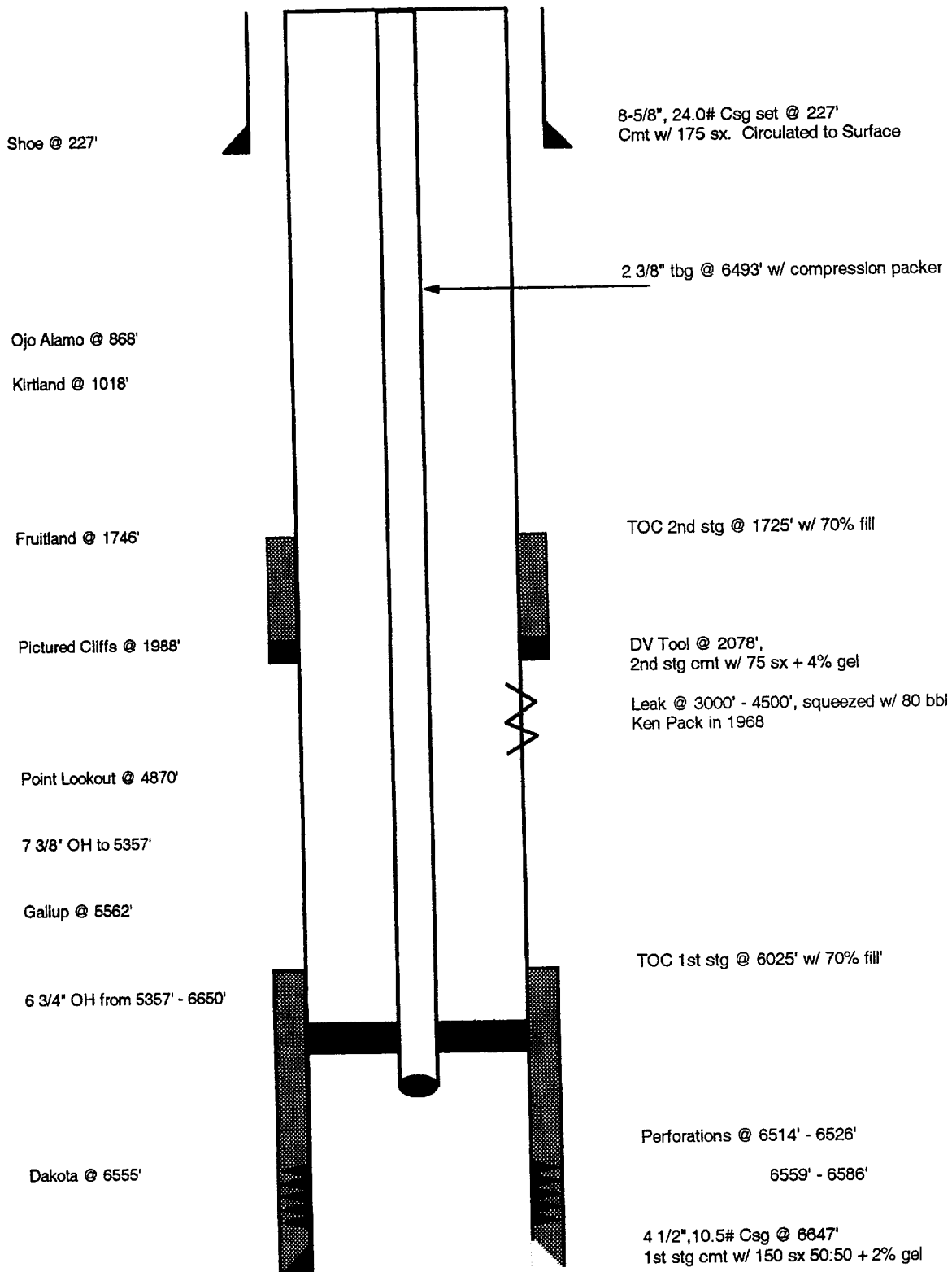
NOTE: ALL CEMENT VOLUMES USE 100% EXCESS OUTSIDE PIPE AND 50 FT. EXCESS INSIDE PIPE. THE STABILIZING WELLBORE FLUID WILL BE 8.3 ppg, SUFFICIENT TO BALANCE ALL EXPOSED FORMATION PRESSURES.

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 TALLY 6493' OF 2 3/8" TBG. VISUALLY INSPECT THE TUBING. IF NECESSARY LD TUBING AND PU WORK STRING.
3. **PLUG #1** (DAKOTA; 6364' - 6464'): RIH WITH WIRELINE AND SET CIBP AT 6464'. TIH OPEN ENDED WITH TUBING AND TAG CIBP. CIRCULATE HOLE WITH WATER AND PRESSURE TEST CASING TO 500 PSI. BALANCE 8 SX CL. B CEMENT PLUG ON TOP OF CIBP. POH.
4. **PLUG #2** (GALLUP; 5512' - 5612'): RIH AND PERFORATE SQUEEZE HOLES AT 5612'. PU AND RIH WITH 4 1/2" RETAINER AND SET AT 5562'. ESTABLISH INJECTION RATE INTO PERFORATIONS WITH WATER. MIX 36 SX CL. B CEMENT PLUG, PLACING 28 SX BELOW AND 8 SX ABOVE RETAINER. POH.
5. **PLUG #3** (POINT LOOKOUT; 4820' - 4920'): RIH AND PERFORATE SQUEEZE HOLES AT 4920'. PU AND RIH WITH 4 1/2" RETAINER AND SET AT 4870'. ESTABLISH INJECTION RATE INTO PERFORATIONS WITH WATER. MIX 44 SX CL. B CEMENT PLUG, PLACING 36 SX BELOW AND 8 SX ABOVE RETAINER. PUH TO 2038'.
6. **PLUG #4** (PICTURED CLIFFS; 1938' - 2038'): BALANCE 12 SX CL. B CEMENT PLUG INSIDE CASING TO COVER FORMATION TOP. POH.
7. **PLUG #5** (FRUITLAND; 1696' - 1796'): RIH WITH WIRELINE AND PERFORATE SQUEEZE HOLES AT 1796'. PU AND RIH WITH 4 1/2" RETAINER AND SET AT 1746'. ESTABLISH INJECTION RATE INTO PERFORATIONS. MIX 44 SX CL. B CEMENT PLUG, PLACING 36 SX BELOW AND 8 SX ABOVE RETAINER. POH.
8. **PLUG #6** (OJO ALAMO, KIRTLAND; 818' - 1068'): RIH WITH WIRELINE AND PERFORATE SQUEEZE HOLES AT 1068'. PU AND RIH WITH 4 1/2" RETAINER AND SET AT 1018'. ESTABLISH INJECTION RATE INTO PERFORATIONS. MIX 103 SX CL. B CEMENT PLUG, PLACING 84 SX BELOW AND 19 SX ABOVE RETAINER. POH.
9. **PLUG #7** (SURFACE; 0' - 337'): RIH AND PERFORATE SQUEEZE HOLES AT 337'. ESTABLISH CIRCULATION TO SURFACE WITH WATER. MIX APPROXIMATELY 105 SX CL. B CEMENT TO CIRCULATE GOOD CEMENT TO SURFACE.
10. ND FLOOR AND BOP AND DIG CELLAR. FILL OUT HOT WORK PERMIT AND CUT OFF WELLHEAD BELOW SURFACE CASING FLANGE.
11. TOP OFF CASINGS AS NEEDED. INSTALL DRY HOLE MARKER. RD, MOL AND CUT OFF ANCHORS.
12. RESTORE LOCATION PER BLM STIPULATIONS.

PREPARED BY KEY ENERGY SERVICES, INC.

Today's Date: 08-03-01

**BOLACK #2-D**  
**CURRENT**  
**DAKOTA**  
**SAN JUAN, NM**  
**SEC. 15, T-27-N, R-11-W**



Today's Date: 08-03-01

**BOLACK #2-D  
PURPOSED  
DAKOTA  
SAN JUAN, NM  
SEC. 15, T-27-N, R-11-W**

