

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
BLM

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

92 APR -9 AM 11:15

Lease Designation and Serial No.

SF-078872A

Indian, Allottee or Tribe Name

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

If Unit or CA Agreement Designation

Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

1. Name of Operator

Marathon Oil Company

2. Address and Telephone No.

P. O. Box 552, Midland, TX 79702 (915) 682-1626

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

H - 1850' FNL & 790' FEL  
Sec. 16, T27N, R11W

8. Well Name and No.

Bolack No. 1

9. API Well No.

30-045-06532

10. Field and Pool, or Exploratory Area

Basin Dakota

11. County or Parish, State

San Juan, NM

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

☐ Recommission

☐ 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 completion on well  
Completion or Abandonment 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 measures and true vertical depths for all markers and zones pertinent to this work.)

Marathon Oil Company respectfully requests permission to plug and abandon Bolack No. 1. The following is the proposed procedure:

1. Set cement plug from 6450' to 6592' (PBTD). (Perfs 6508-6585')
2. Pump 9.5 lb/gal mud 5450-6450'.
3. Set CIBP @ 5450' and dump 2 sx cement. (Isolate Gallup)
4. Pump 9.5 lb/gal mud 1840-5450'.
5. Set CIBP @ 1840' and dump 2 sx cement. (Isolate Pictured Cliffs)
6. Pump 9.5 lb/gal mud 50-1840'.
7. Set cement plug 50' to surface.
8. Remove wellhead and install P&A marker.

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

RECEIVED  
APR 13 1992  
OIL CON. DIV  
DIST. 3

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

Signed Rod J. Prosceno Rod J. Prosceno Title Operations Engineer

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

sl.

Title

NMOCD

APPROVED  
AS AMENDED

APR 10 1992

AREA MANAGER

# WELL DATA SHEET

RECEIVED  
SLM

92 APR -9 AM 11:15

FIELD: Basin Dakota (Kutz Canyon) N.M.

LEASE & WELL NO.: Bolack No.1

LOCATION: H - 1850' FNL & 790' FEL  
Sec. 16, T27N, R11W

COUNTY AND STATE: San Juan County, NM

WELL STATUS: Shut-in

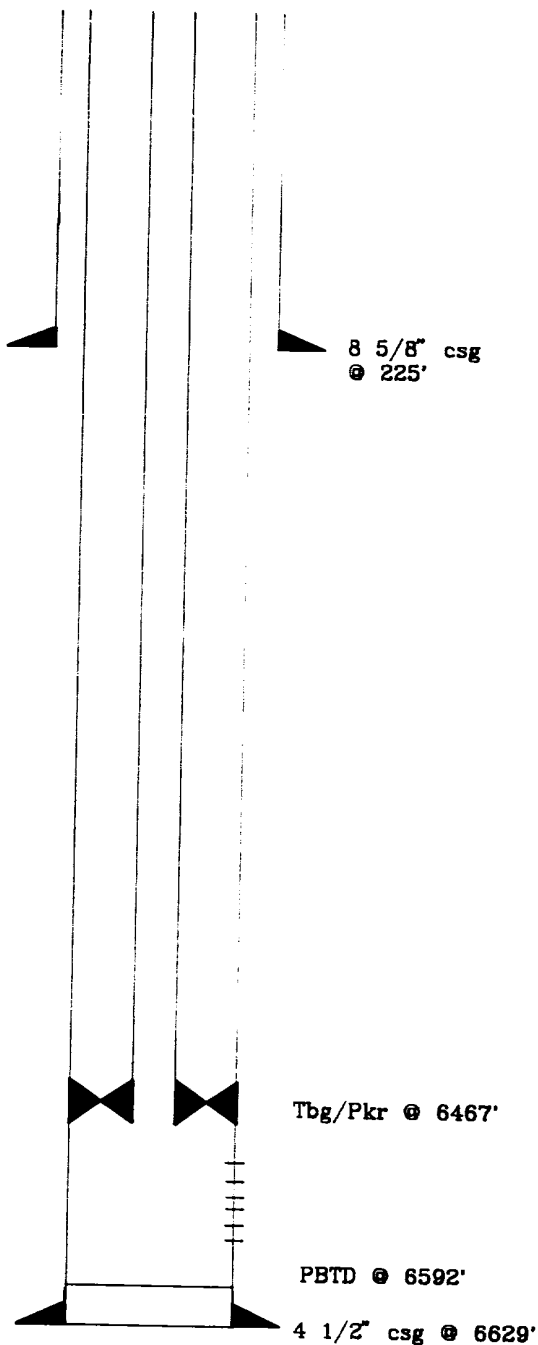
TD: 6637 PBD: 6592 GL: 6255 KB 6267

SURFACE CASING: 8 5/8", 24 lb/ft, 8rd, @ 225'.  
Cement w/150 sx.

INTERMEDIATE CASING: n/a

PRODUCTION CASING: 4 1/2", 11.6 lb/ft, 8rd, @ 6629'.  
Cement w/225sx. TOC 1910'. (J-55)

TUBING: 2 3/8", 4.7 lb/ft, 8rd, @ 6467. (Packer)



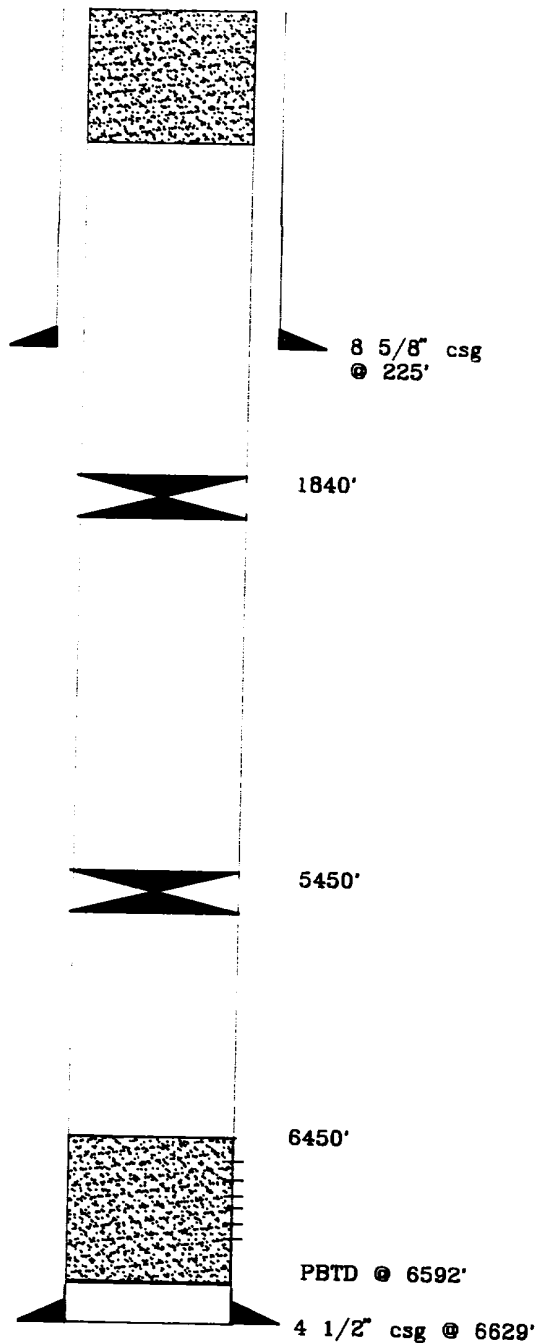
COMPLETION INTERVAL: Dakota 6508' - 6585'

HISTORY: Drilled and completed October, 1960. Perforated Dakota with sand drill 6508, 6547, 6556, 6585. Sand-Water frac 6508, 6556, 6585 with 101,000 gals water and 72,600 lbs sand.

PREPARED BY: R. J. Prosceno

DATE: 4-1-92

# WELL DATA SHEET



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Sec. 16, T27N, R11W

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PREPARED BY : R. J. Prosceno

DATE : 4-1-92

IN REPLY REFER TO  
(019)

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA  
1235 LA PLATA HIGHWAY  
FARMINGTON, NEW MEXICO 87401

Attachment to Notice of

Re: Permanent Abandonment

Intention to Abandon

Well: 1 Bolack

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal Leases."
2. Mark Kelly with the Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 326-6201.

3. Blowout prevention equipment is required.

4. The following modifications to your plugging program are to be made (when applicable):

- 1) Plug from 5595-5495 inside & outside 4 1/2" casing + 100% excess
- 2) " " 3620-3520 " " " " " "
- 3) " " 2927-2827 " " " " " "
- 4) " " 2015-1915 + 50% excess
- 5) " " 1830-1730 inside & outside 4 1/2" casing + 100% excess
- 6) " " 1016-780 " " " " + 40% "
- 7) " " 275-0 " " " " + 100% "

Office Hours: 7:45 a.m. to 4:30 p.m.

GENERAL REQUIREMENTS FOR  
PERMANENT ABANDONMENT OF WELLS ON FEDERAL AND INDIAN LEASES  
FARMINGTON RESOURCE AREA

1. Secure prior approval either on a Sundry Notice (Form 3160-5) or verbally from the Fluids Drilling & Production Section at this office before changing the approved plugging program.
2. Plugging equipment used shall have separate mixing and displacement pumps and a calibrated tank to assure proper displacement of plugs. The Operator is responsible for providing all measuring devices needed to assure proper measurement of materials being used.
3. A proper tank or pit will be used to contain all fluids pumped from the well during plugging operations. Unattended pits are to be fenced.
4. All cement plugs are to be placed through tubing (or drillpipe) and shall be a minimum of 100 feet in length with 50% excess inside casing or 100% excess when plug is set in open hole or squeezed into perforations. 15.6#/gal slurry weight is to be used when using class B neat cement or when  $\text{CaCl}_2$  is used. Use the recommended slurry weight of other type cements when they are used (Class C, Pozzolan etc.).
5. Any cement plugs placed when well is not full of fluid, or when well may be taking fluid, (i.e. across perfs-unless bridge plug or retainer is used, across bad csg., or fresh water formations) will be tagged (touched) after cement has set to verify proper location.
  - 5a. Testing The first plug below the surface plug shall generally be tested by either tagging the plug with the working pipe string, or pressuring to a minimum pump (surface) pressure of 1000 psig, with no more than a 10 percent drop during a 15-minute period (cased hole only). If the integrity of any other plug is questioned, it must be tested in the same manner. Also, any cement plug which is the only isolating medium for a fresh water interval or a zone containing a valuable mineral deposit should be tested by tagging with the drill string.
6. Mud must be placed between plugs. Plugging mud is to be made up with a minimum of 15 lbs/bbl of sodium bentonite, and a nonfermenting polymer. Minimum consistency of plugging mud must be 9 lbs/gal and with a minimum viscosity of 50 sec/qt. Fresh water is to be utilized for mixing mud.
7. Following the placement of a cement plug, the withdrawl rate for at least the length of the cement plug shall not exceed 30 ft/min, in order to minimize the contamination of the plug.

8. Within 30 days after plugging work is completed, file a Sundry Notice (Subsequent Report of Abandonment, Form 3160-5), in quintuplicate with Area Manager, Bureau of Land Management, 1235 La Plata Highway, Farmington, NM 87401. 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.

9. All permanently abandoned wells are to be marked with a regulation marker (4" pipe extending 4' above the ground line) containing the information as specified in 43 CFR 3162.6(d). Unless otherwise approved.

10. After plugging work is completed the surface is to be rehabilitated in accord with instructions from the Fluids Surface Management Section of the Farmington Resource Area Office.

All above are minimum requirements. The period of liability under the bond of record will not be terminated until the lease is inspected and surface work approved.

Please advise this office when the well location is ready for final inspection.

Failure to comply with the above conditions of approval may result in an assessment for noncompliance and/or a Shut-in Order being issued pursuant to 43 CFR 3163.1.

You are further advised that any instructions, orders or decisions issued by the Bureau of Land Management are subject to administrative review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4 and 43 CFR 4.700.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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FORM APPROVED  
Bureau Form No. 1004-0135  
Expires: March 31, 1993  
5. Lease Description and Serial No.

SUNDRY NOTICES AND REPORTS ON WELLS

92 APR -9 AM 11:50 078872A

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010 PAR, HINGTON, N.M.

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Type of well  
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11. County or Parish, State

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☒ 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 Abandonment Report and Log form.)

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(This space for Federal or State office use)

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_

NMOCD

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AS AMENDED

APR 10 1992

AREA MANAGER

# WELL DATA SHEET

92 APR -9 AM 11:15

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LEASE & WELL NO.: Bolack No.1

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Sec. 16, T27N, R11W

COUNTY AND STATE: San Juan County, NM

WELL STATUS: Shut-in

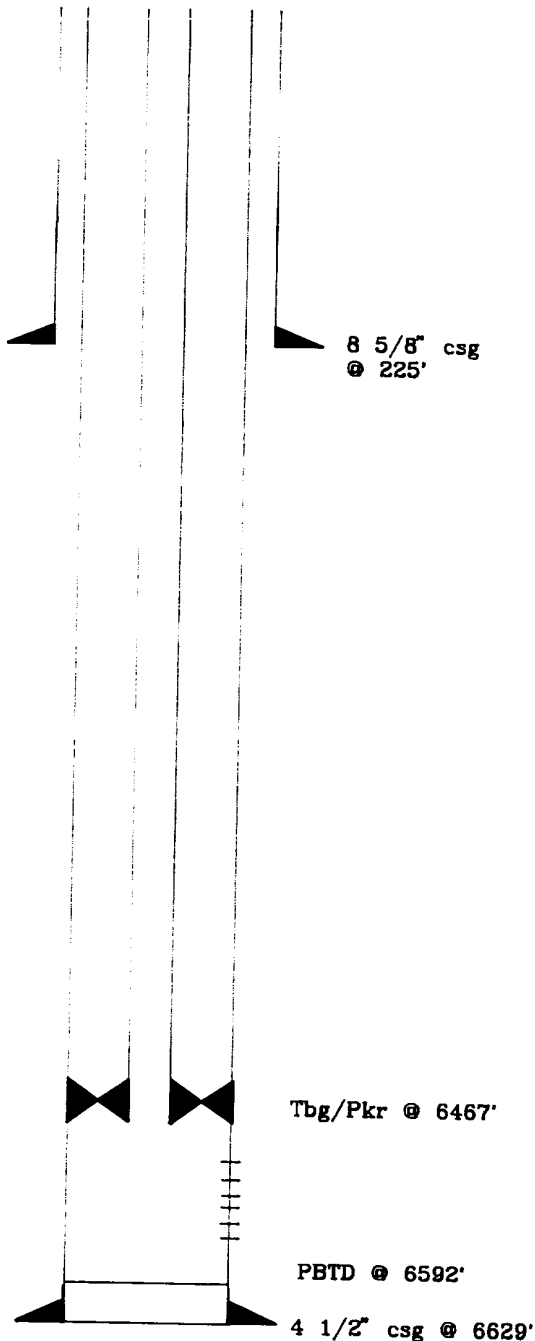
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INTERMEDIATE CASING: n/a

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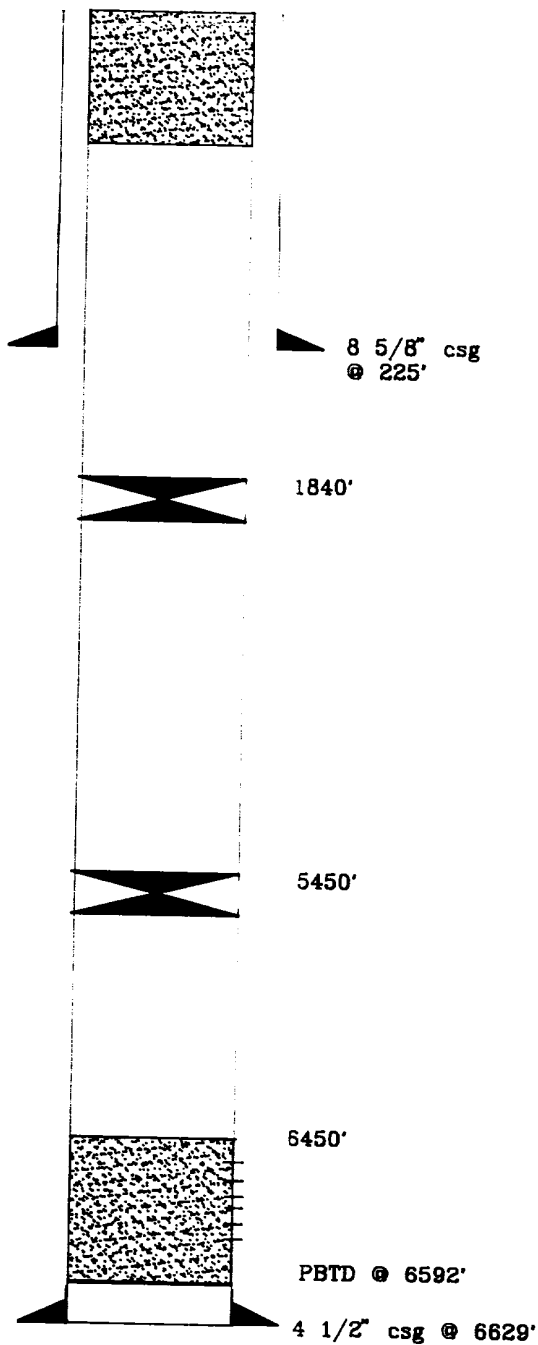
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PREPARED BY: R. J. Prosceno

DATE: 4-1-92



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