

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Number 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

Type of well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	Well Name and No. Bolack No. 3R
Name of Operator Marathon Oil Company	API Well No. 30-045-24253
Address and Telephone No. P. O. Box 552, Midland, TX 79702 (915) 682-1626	Field and Pool, or Exploratory Area Basin Dakota
Location of Well (Footage, Sec., T., R., M., or Survey Description) G - 1550' FNL & 1950' FEL Sec. 21, T27N, R11W	County or Parish, State San Juan, NM

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

TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent

☐ Subsequent Report

☒ Final Abandonment Notice

☒ 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 completions 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. 3R.  
The following is the proposed procedure:

1. Set cement plug from 6500' to 6632' (PBTD). (Perfs 6551-6572')
2. Pump 9.5 lb/gal mud 5480-6500'.
3. Set CIBP @ 5480' and dump 2 sx cement. (Isolate Gallup)
4. Pump 9.5 lb/gal mud 1885-5480'.
5. Set CIBP @ 1885' and dump 2 sx cement. (Isolate Pictured Cliffs)
6. Pump 9.5 lb/gal mud 50-1885'.
7. Set cement plug 50' to surface.
8. Remove wellhead and install P&A marker.

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

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

Signed Rod J. Prosceno Title Operations Engineer

(This space for Federal or State office use)

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

Title NMOCD

APPROVED

APR 10 1992

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AREA MANAGER

Title 18 U.S.C. Section 1001. It is a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statement or representation as to any matter within its jurisdiction.

\*See instruction on Reverse Side

# WELL DATA SHEET

FIELD : Basin Dakota (Kutz Canyon) 1317

LEASE & WELL NO. : Bolack No. 3R 1311

LOCATION : G - 1550' FNL & 1950' FEL  
Sec. 21, T27N, R11W

COUNTY AND STATE : San Juan County, NM

WELL STATUS : Shut-in

ID : 6666 PBTD : 6632 GL : 8317 KB 6333

SURFACE CASING : 8 5/8", 24 lb/ft, K-55, ST&C,  
@ 279'. Cement w/200 sx.

INTERMEDIATE CASING : n/a

PRODUCTION CASING : 4 1/2", 10.5 lb/ft, K-55, LT&C,  
@ 6666'. Cement w/1600 sx.

TUBING : 2 3/8" (209 jts), SN, 2 3/8" (1 jt), @ 6561'

COMPLETION INTERVAL : Dakota 6551 - 6572

PBTD 6632'

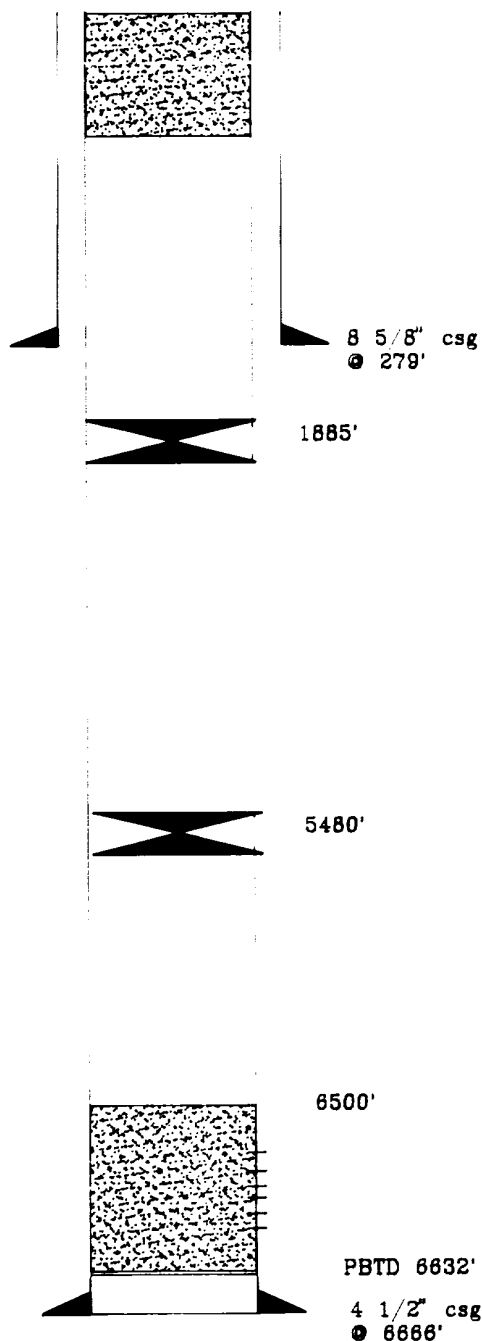
4 1/2" csg  
@ 6666'

HISTORY : Spudded May, 1980. Completed July, 1980. Perforated 6551' - 72'.  
Acidized w/1000 gals 15% HCL. Fractured w/155,000 lbs sand.  
IP - 43 mcfd.

PREPARED BY : R. J. Prosceno

DATE : 4-1-92

# WELL DATA SHEET



FIELD : Basin Dakota (Kutz Canyon)

LEASE & WELL NO. : Bolack No. 3R

LOCATION : G - 1550' FNL & 1950' FEL  
Sec. 21, T27N, R11W

COUNTY AND STATE : San Juan County, NM

WELL STATUS : Shut-in

TD : 6666 PBTD : 6632 GL : 6317 KB 6333

SURFACE CASING : 8 5/8", 24 lb/ft, K-55, ST&C,  
● 279'. Cement w/200 sx.

INTERMEDIATE CASING: n/a

PRODUCTION CASING : 4 1/2", 10.5 lb/ft, K-55, LT&C,  
● 6666'. Cement w/1600 sx.

TUBING : 2 3/8" (209 jts), SN, 2 3/8" (1 jt), ● 6331'

COMPLETION INTERVAL : Dakota 6551 - 6572

HISTORY : Spudded May, 1980. Completed July, 1980. Perforated 6551' - 72'.  
Acidized w/1000 gals 15% HCL. Fractured w/155,000 lbs sand.  
IP - 43 mcfpd.

PREPARED BY : R. J. Prosceno

DATE : 4-1-92

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: 3R 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	5582-5482	+50% excess
2) " "	3594-3494	" "
3) " "	2920-2820	" "
4) " "	1990-1890	" "
5) " "	1750-1650	" "
6) " "	1015-808	" "
7) " "	329-229	" "

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 withdrawal 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.