

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.

P.O. Box 552 Midland, Tx. 79702

915-687-8327

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

Unit Letter "A" 790' FNL & 790' FEL
SEC. 28, TWP. 27-N, RNG. 11-W

5. Lease Designation and Serial No.

SF-078872A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

BOLACK 4 "D"

9. API Well No.

30-045-06306

10. Field and Pool, or Exploratory Area

BASIN DAKOTA

11. Country or Parish, State

SAN JUAN Co. NM

12. 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
☐ 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 or 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.)*

- 1 MIRU POOH W/TBG AND PKR. SET CIBP @ 6410' W/50' CMT CAP. TAG PLUG
- 2 PUMP 10#/GAL BRINE W/25#/BbL GEL 6360'-5450'.
- 3 SET 100' CMT PLUG 5450'-5350' (ISOLATE GALLUP) TAG PLUG
- 4 PUMP 10#/GAL BRINE W/25#/BbL GEL 5350'-1800'
- 5 CUT CSG @ FREE POINT.(EST 1850'). PULL CSG. SET CMT PLUG 100' ABOVE AND 50' BELOW CSG STUB. TAG PLUG
- 6 PUMP 10#/GAL BRINE W/25#/BbL GEL 1750'-1200'
- 7 SET CMT PLUG 1200'-1100' (ISOLATE FRUITLAND). TAG PLUG
- 8 CIRCULATE 10#/GAL BRINE W/25#/BbL GEL TO SURFACE.
- 9 SET CMT PLUG 50' TO SURFACE. CUT OFF CSG AND INSTALL MARKER

RECEIVED
APR 22 1992
OIL CON. DIV.
DIST. 3

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

Signed Thomas M. Price Thomas M. Price

Title Adv. Eng. Tech.

(This space for Federal or State office use)

Approved by _____

Conditions of approval, if any:

Title _____

APPROVED
AS AMENDED

Date
APR 30 1992

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

NMOC

**MARATHON OIL CO.
WELL DATA SHEET**

8 5/8" @ 209'

DV TOOL 2195'

2 3/8" 4.7#/FT TBG
J-55 8 RND EUE 204
204 JOINTS

2 3/8" x 1.75 SN @ 6398'

FIELD
BASIN DAKOTA

LEASE
BOLACK "C" #4

LOCATION
"A" 790' FNL & 790' FEL
SEC 28, TWP. 27-N, RNG. 11-W

SPUDDED
JANUARY, 1981

ELEVATIONS

GL	KB	PBTD	TD
6329'	6341'	6658'	6625'

SURFACE CSG
8 5/8" 24#/FT. @ 209' CMT. W/200 SX
CMT DID CIRCULATE

PRODUCTION STRING
4 1/2" 11.6#/FT CMT 1st STAGE W175 SX
TOC 5210'. 2nd STAGE W/75 SX. TOC 1925'

PERFORATIONS
CSG MILLED OUT 6558-6567, 6487-6506
PERFORATED 6447-6461

CMT SQZ 4 1/2" CSG 3440'-4198'
W/250SX 1985. CSG TEST OK AFTER
JOB.

BAKER MODEL "C" PKR
W/14000# ON PKR @ 6427'

PERF 6447-8461

CSC MILLED OUT 6487-8506
NOTCHED 6498, 6495, 6490

CSC MILLED OUT 6558-8567
NOTCHED 8585, 8561

PBTD @ 6625'

+ 1/2" @ 6658'

TD @ 6658'



MARATHON OIL CO. WELL DATA SHEET

3 5/8" @ 209'

DV TOOL 2195'

2 3/8" 4.7#/FT TBG
J-55 8 RND EUE 204
204 JOINTS

2 3/8" x 1.78 SN @ 6398'

BAKER MODELL "G" PKR
W/14000# ON PKR @ 6427'

PERF 6447-6461

CSG MILLED OUT 6467-6506
NOTCHED 6498, 6495, 6490

CSG MILLED OUT 6558-6587
NOTCHED 6565, 6561

PBTD @ 6625'

4 1/2" @ 6658'

TD @ 6658'

FIELD
BASIN DAKOTA

LEASE
BOLACK "D" #4

LOCATION
"A" 790' FNL & 790' FEL
SEC 28, TWP. 27-N, RNG. 11-W

SPUDDED
JANUARY, 1961

ELEVATIONS

GL	KB	PBTD	TD
6329'	6341'	6658'	6625'

SURFACE CSG
8 5/8" 24#/FT. @ 209' CMT. W/200 SX
CMT DID CIRCULATE

PRODUCTION STRING
4 1/2" 11.6#/FT CMT 1st STAGE W175 SX
TOC 5210'. 2nd STAGE W/75 SX. TOC 1925'

PERFORATIONS

CSG MILLED OUT 6558-6567, 6467-6506
PERFORATED 6447-6461

CMT SQZ 4 1/2" CSG 3440'-4196'
W/250SX 1965. CSG TEST OK AFTER
JOB.

PROPOSED

P & A

MARATHON OIL CO.

WELL DATA SHEET

CMT PLUG 50' TO SURFACE

CMT PLUG 50' ABOVE AND BELOW
SHOE 8 5/8" @ 209'

100' CMT PLUG 1200'-1100'

CMT PLUG 100' ABOVE AND 50'
BELOW 4 1/2" CSG STUB
EST 1900'-1750'

100' CMT PLUG 5450'-5350'

CIBP @ 6410' W/50' CMT CAP

PERF 6447-6461

CSG MILLED OUT 6487-6506
NOTCHED 6498, 6495, 6490

CSG MILLED OUT 6558-6567
NOTCHED 6565, 6561

PBTD @ 6625'

4 1/2" @ 6658'

TD @ 6658'

FIELD

BASIN DAKOTA

LEASE

BOLACK "D" #4

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PERFORATIONS

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PERFORATED 6447-6461

CMT SQZ 4 1/2" CSG 3440'-4196'

W/250SX 1965. CSG TEST OK AFTER
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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: 4 Black 'D'

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 Mesavie from 3550-3450 plus 50% excess
 - 2) plug Chacra from 2853-2753 inside & outside 4 1/2" casing + 100% excess
 - 3) Bring Picured cliffs / casing sub plug up to 1615 to cover ~~the~~ ^{eliminate} ~~the~~ ^{Frontland} top
 - 4) ~~100'~~ 100' cement plug @ 1200-1000
 - 5) Set a plug from 1012-800 to cover Ojo Alamo.
 - 6) plug surface casing shoe from 259 159 (not mention an ~~un~~ ^{needed})
- Office Hours: 8:45 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 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 perms-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.