

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
811 S. 1st Street
Artesia, NM 88210-2834

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Marathon Oil Company

3a. Address
P.O. Box 552 Midland, TX 79702

3b. Phone No. (include area code)
807-915/682-1626

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
UL "L", 1980' FSL & 660' FWL
SECTION 1, T-21-S, R-23-E

5. Lease Serial No.
NM-04827-B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
MOC FEDERAL #4

9. API Well No.
30-015-28071

10. Field and Pool, or Exploratory Area
SOUTH DAGGER DRAW UPPER PENN
ASSOCIATED

11. County or Parish, State
EDDY NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|---|---|--|--|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other <u>Install</u> |
| <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | <u>Gas Lift Equipment</u> |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Marathon Oil Company plans to install gas lift assisted plunger lift equipment in this well as follows:

MIRU PU, ND wellhead & NU BOP. Kill well, POOH w/rods and pump using a rod stripper. Spool out of hole w/CT string and POOH w/tbg LD. RU Cudd CT rig. Make up CM-1, J-55, 2-7/8" mandrel & 1-1/4" coil tubing.

RIH w/1-1/4" coil tbg & 2-7/8" replacement production tbg. Land tbg @ 7940' & hang off coil tbg. RD PU & Cudd. Connect wellhead to flowline & gas supply line, assemble plunger lift equipment, drop plunger & begin gas assisted plunger lifting. Attached are a wellbore schematic and a flow diagram of the gas supply line. Supply gas will come off the sales line at the MOC Central Battery, located in UL "D", Section 1, T-21-S, R-23-E and be metered before being injected into the well.

Allocations will be handled as follows:

The gas lift meter volume will be deducted from the MOC Federal production volume total. The gas lift meter volume will be reported as gas used on lease.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)
Ginny Larke

Title
Engineer Technician
Date 10/30/00

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by
DAVID F. GLASS

Title
PETROLEUM ENGINEER
Office

Date
NOV 03 2000

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, 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.

Spud: 9/2/94
G.L. Elev.: 3762'
K.B.: 3778'

MOC Federal #4
1980' FSL and 660' FWL
UL "L", Section 1, T-21-S, R-23-E
Eddy County, New Mexico

16" Conductor Casing
Set at 63', Cement to Surface
W/readi-mix.

Intermediate Casing
28 Jts., 9 5/8"
Set at 1230', Cmt. W/800 sks.
Circ. 330 sks.

Current Tubing

Well Name : MOC Federal #4							
KB: 15'							
#Joints	Size	Weight	Grade	Cplg	Length	Top	Bottom
				KBC	15.00	0.00	15.00
235	2-7/8"	6.5#	L-80	8rd	7387.94	15.00	7402.94
	2-7/8" x 7'	TAC	R-4		3.62	7402.94	7406.56
17	2-7/8"	6.5#		8rd	531.49	7406.56	7938.05
	2-7/8"	SN	New		1.10	7938.05	7939.15
					4.18	7939.15	7943.33
252	Total Joints						

Perforations:

← 7486-7566', 7578-84', 7596-7612', 7628-34', 7640-47', 7656-72', 7680-90', 7700-12', 7727'-52', 7790'-7850'.

Plunger assembly

Gas Lift Mandrel

Standing Valve @
7939'

Production Casing
180 Jts., 7" Set at 8020'. Cmt.
W/1250 sks.
Circ. 179 sks.

PBTD: 8000'
TD: 8020'

