

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO.
30-025-31187

5. Indicate Type of Lease
STATE FEE

6. State Oil & Gas Lease No.
VB-03934

7. Lease Name or Unit Agreement Name
Buffalo Wallow "1" State

8. Well No.
1

9. Pool name or Wildcat
Wildcat *Devonian*

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:
OIL WELL GAS WELL OTHER

2. Name of Operator
Marathon Oil Company

3. Address of Operator
P O Box 552, Midland, TX 79702

4. Well Location
Unit Letter F : 1980 Feet From The north Line and 1980 Feet From The west Line

Section 1 Township 18-S Range 35-E NMPM Lea County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
3887' GL

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: _____ <input type="checkbox"/>		OTHER: <u>Drlg & csg operations</u> <input type="checkbox"/>	

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Drl'd 7-7/8" hole to 9232' 5-13-91. Tested all BOPE & safety equipment. Drl'd to 9460'. Ran DST #1 9423'-9460'. Drl'd to 10,936'. Ran DST #2 10,882'-10,936'. Drl'd to 11,820', stuck BHA, made back-off, TOF @ 11,710'. Recov'd BHA. Tested all BOPE & safety equipment 6-01-91. Drl'd to 12,858'. Attempted DST #3, had 30' of fill on bottom. Drl'd to 12,876'. Attempt DST #4, had fill on btm. Ran DST #5 12,820'-12,876'. Drl'd to 13,000'. R.U. lubricator & WL BOP. Tested to 750 psi. Logged well. GR/DLL/MSFL TD-3800', GR/CNL/LDT TD-300', LSS/GR/CAL TD-3800'. Phasor induction 6100'-4900', sidewall cores 5714', 5724', 10,136', FMS 10,184'-5495'. Set 50 sx Class "H" plug, 12,861'-12,630'. Set 100 sx Class "H", 11,365'-11,069'. WOC 5 hrs, tagged plug @ 11,119'. Changed rams to 5-1/2", tested door seals to 500 psi. Ran 2 jts, 5-1/2", 20#, L-80, float collar @ 10,208'. 21 jts, 5-1/2", 20#, L-80, DV @ 9303', ECP @ 9305'-9314', 65 jts, 5-1/2" 20#, L-80. 149 jts, 5-1/2", 17#, L-80, 1 jt, 5-1/2", 20#, L-80. R.U. BJ, tested lines to 4000 psi. Cmt'd 1st stage w/ 300 sacks Class "H" + 1% CaCl₂ + 1/4 #/sk celloflake. Energized ECP, opened DV tool, circ'd 60 sx. Mixed & pumped 1210 sx silica fume, tailed in w/ 150 sx Class "H". CIP @ 0900 hrs 6-16-91, had full returns throughout job. Estimated TOC @ 3500'. N/D BOP's & set slips w/ 155K, installed 11" 5M x 7-1/16" 5M tbg head. WOCU.

I hereby certify that the information shown is true and complete to the best of my knowledge and belief.

SIGNATURE [Signature] TITLE Drilling Superintendent DATE 6/14/91

TYPE OR PRINT NAME S. L. Atnepp TELEPHONE NO. 915/682-1626

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: