

DISTRICT I

P O Box 1980, Hobbs NM 88241-1980

DISTRICT II

P O Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO.

30-015-30247

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

LIGHTFOOT STATE

RECEIVED

MAR 15 2010

8. Well No.

1

NMOCD ARTESIA

9. Pool name or Wildcat

WINCHESTER; U. PENN. WEST

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 M 810 Feet From The SOUTH Line and 660 Feet From The NORTH Line
WEST

Section 20 Township 18-SOUTH Range 28-EAST NMPM EDDY County

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

3468' G.L.

11

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

REMEDIAL WORK ☐

ALTERING CASING ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

COMMENCE DRILLING OPNS ☒

PLUG AND ABANDONMENT ☐

PULL OR ALTER CASING ☐

CASING TEST AND CEMENT JOB ☒

OTHER ☐

OTHER ☐

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.

SEE ATTACHED FOR DETAIL

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

SIGNATURE

TITLE DRILLING SUPERINTENDENT

DATE 7/6/98

TYPE OR PRINT NAME D. P. NORDT

TELEPHONE NO. 915/687-8356

(This space for State Use)

APPROVED BY

Jim W. Green

B68

TITLE

District Supervisor

DATE

7-16-98

CONDITIONS OF APPROVAL, IF ANY:

MARATHON OIL COMPANY

Lightfoot # 1

810' FSL & 660' FWL

Sec. 20, T- 19-S, R-28-E

Eddy County, New Mexico

MIRU United # 4, spud 17.5" hole @ 1245 hrs 5/21/98. Drilled to 445'. Ran 10 jts, 13.375", H-40 casing to 446'. Shoe @ 445, insert @ 399'. RU BJ, Cemented surface casing W/ 170 sx 35:65:6 ,2% cacl, Wt 12.3, yield - 2.02. Tailed in W/ 170 sx "C" Wt- 14.8, yield - 1.34. Bumped plug and circulated 55 sx to pit. WOC 4 hrs, cut casing and installed 13.625" X 13.375" SOW casing head, NU rotating head and TIH w/ 12.25" bit. WOC 10 hrs. Drilled float equip and air drilled formation to 2943'. TD @ 1800 hrs 5/28/98.

Ran 9-5/8" Intermediate casing as follows: 70 jts 36#, K-55, LTC new casing to 2943'. Shoe @ 2941', float collar @ 2895'. Cemented w/ 650 sx BJ lite, 5 pps gilsonite, 5 pps nacl, .25 pps cello, Wt - 12.4 ppg, yield - 2.04. Tailed in w/ 200 sx "C" neat Wt - 14.8, yield 1.34. Circulated 120 sx to pit. Plug down @ 0800, 5/29/98. ND BOPE and set slips w/ 80K. NU 13-5/8" 3M X 11" 3M casing head and tested weld to 1000 psi.

Rigged down United, released rig @ 1800 4/10/98. MIRU TMBR/Sharp # 27, 6/5/98. Installed 11" 3m dual ram BOPE. Tested rams to 200/1900 psi. PU 12.25" bit and BHA and TIH. Drilled float and cement.

Drilled formation to 10,000', TD @ 1815 hrs, 6/19/98. Logged well as follows: Platform Express W/HALS, NGT/BHC Sonic TD - surf. FMI TD - 8700'. CNL/GR/CAL to surface.

Ran 7" production casing as follows : 110 jts, 20# L-80, 111 jts, 118 jts., 17#, L-80. Float shoe @ 10,000', Float collar @ 9907', DV @ 8507'.

Cemented production casing with 400 sx modified Super H, .4% CFR - 3, 5 pps Gilsonite, .5% Halad 344, 2 pps nacl, Wt - 13.0, yield - 1.64. Opened stage tool and circulated 121 sx to surface. Cemented 2nd stage w/ 1100 sx Interfil C, Wt - 11.9, yield - 2.64. Tailed in w/ 200 sx neat. Bumped plug and did not circulate cement. Plug down @ 1215 hrs, 6/22/98. Ran temperature survey, found TOC @ 3050', 102' below 9 5/8" casing.

Set slips w/ 134K, Installed 11" 3m, X 7-1/16" 5m tubing spool. Released rig @ 2200 hrs 6/22/98.

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