

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 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.
30-025-34205

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name
BERTHA BARBER

8. Well No.
18

9. Pool name or Wildcat
MONUMENT (TUBB. PADDOCK)

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 L : 1730 Feet From The SOUTH Line and 660 Feet From The WEST Line

Section 5 Township 20-SOUTH Range 37-EAST NMPM County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
3560 - G.L.

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☒ PLUG AND ABANDONMENT ☒
CASING TEST AND CEMENT JOB ☒
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 Walter J. Duman TITLE DRILLING SUPERINTENDENT DATE 3/3/98

TYPE OR PRINT NAME D. P. NORDT TELEPHONE NO. 915/682-1626

(This space for State Use)

APPROVED BY GARY W. WINK DATE AUG 12 2002
CONDITIONS OF APPROVAL, IF ANY: OG FIELD REPRESENTATIVE II/STAFF MANAGER

Marathon Oil Company

Bertha Barber # 18
1730' FSL & 660' FWL
Sec. 5, T-20-S, R-37-E
Lea Co., NM

MIRU Patterson # 71, spud 14.75" surface hole @ 0015 hrs 1/21/98. Drilled to 513' w/ partial returns. TD surface hole @ 1015 hrs, 1/21/98. RU csg crew, ran 12 jts., 11.75", 42#, H-40, stc surface csg. To 513'. Shoe @ 512', insert @ 470'. Howco mixed and pumped 400 sx. Prem Plus w/ 2 % Cacl, .25 pps flocele, wt- 14.8#, yield 1.34, circulated 92 sx. to pit. WOC, cut csg and installed 11.75" 3M X 11" 3M csg head. NU 11" 3M dual ram and annular BOPE and choke manifold. Tested blind and pipe rams to 800 psi. Tested floor valves and mud lines to 1000 psi. TIH w/ 11" bit and tagged cement @ 440'. Total WOC - 13 hrs. Tested csg to 800 psi. Drilled float eq. and cement.

Drilled 11" intermediate hole to 4074', TD @ 0700 hrs, 1/27/98. Ran 46 Jts. (2030') 8.625", 32#, K-55 STC and 49 jts., (2059') 8.625" 24#, J-55, STC new casing. Shoe @ 4072', Float collar @ 3982', DV @ 3057'. Howco cemented 1st stage lead w/ 150 sx. Interfil 'C' w/ 10 % gel, 5 pps nacl, .25 pps flocele. Wt- 11.9 #, yield - 2.49. Tailed in w/ 100 sx. Class 'C' w/ .2% econolite, .25 pps flocele, 2% nacl, wt.-14.8, yield - 1.34. Dropped bomb and opened tool and circulated 3.5 hrs w/ rig pumps. Circulated 29 sx to surface. Cemented 2nd stage w/ 750 sx. Interfil 'C' w/ 10 % gel, 5 pps nacl, .25 pps flocele. Wt.- 11.9, yield - 2.49. Plug down @ 2310 hrs, 1/27/98, circulated 68 sx. to pit. Set slips, cut csg and NU 'B' section. Tested blind and pipe rams, choke and kill lines to 1500 psi. Total Woc - 10.25 hrs. Tagged DV @ 3975', drilled DV and cement. TIH to 3975' and drilled cement to float collar @ 3982'. Drilled float collar, tested rams and casing to 1500 psi. Drilled cement and float shoe at 4072'.

Drilled 7.875 " hole, began 40 - 50 BPH losses at 4595'. TD @ 7800', 1300 hrs., 2/7/98. Attempted to log well, tools tagged up at 2007', inside 8.625" csg. Ran impression block and downhole camera and determined that 8.625" casing was parted at 2007'. Attempted to mill through the lower segment of casing 2010' - 2013'. Ran downhole video and found 8.625" casing was collapsed.

Consulted with Paul Kautz @ NMOCD for plugging recommendations.

Set 8.625" cement retainer @ 1916'. Mixed and pumped 500 sx. Class "C" w/ 2% cacl through retainer, stung out of retainer, pumped 6.5 bbls (100') cement on top of retainer. Spotted 6.5 bbls balanced plug 563' - 463', spotted 10 sx @ surface. N.D. BOPE, cut csg 4' below GL and installed steel plate on 8.625" csg.

Released rig @ 2300 hrs 2/12/98.

Will skid rig and spud Barber # 18 Y.