

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
811 S. 1st Street, Artesia, NM 88210-2834

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. <u>30-025-33141</u>
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name <u>W.H. LAUGHLIN</u>
8. Well No. <u>7</u>
9. Pool name or Wildcat <u>BLINEBRY OIL & GAS</u>
10. Elevation (Show whether DF, RKB, RT, GR, etc.) KB: 3568'; GL: 3554'

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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER	
2. Name of Operator <u>Marathon Oil Company</u>	
3. Address of Operator <u>P.O. Box 2409, Hobbs, NM 88240</u>	
4. Well Location Unit Letter <u>E</u> : <u>2310</u> Feet From The <u>NORTH</u> Line and <u>940</u> Feet From The <u>WEST</u> Line Section <u>9</u> Township <u>20S</u> Range <u>37E</u> NMPM LEA County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) KB: 3568'; GL: 3554'	

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: X ☐

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.

Marathon Oil Company completed the drilling phase of operations on this well on 11/16/95. Operations to complete in the Blinebry zone also began on 11/16/95.

The well was tested in the Blinebry until 12/27/95, when it was shut in for further evaluation.

On 1/5/96 operations to P & A the Blinebry and complete in the Tubb formation were initiated.

Please see the attached summary of operations for details of the work completed through 1/11/96.

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

SIGNATURE Mike Greenough TITLE ADV. ENG. TECH. DATE 1/16/96

TYPE OR PRINT NAME MIKE GREENOUGH TELEPHONE NO. 505-393-7106

(This space for State Use) ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT I SUPERVISOR TITLE DATE JAN 22 1996

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION

FORM C-103

Section 12 (cont)

11/16/95 - MI & RU P.U. . RIH w/ 4.75" bit, 6- 3.5" DC on 2-7/8" J-55 tubing to DV tool @ 3840'. RU rev. unit & power swivel & D.O. DV tool. FIH & tag TOC @ 6670' (36' above Float collar @ 6706'). Circ. Hole clean, SDFN.

11/17/95 - Displ. lower hole w/ 2% KCL, PUH to 5750' & pickle tbg w/ 1000 gal 15% HCL & rev. out to pits. Displace hole w/ 2% KCL & spot 200 gal 15% HCL w/ additives (48 hr. Inhib.) F/ 5750' - 5492'. RU Wireline Co. (Loggers TD 6672') & ran CCL/GA/CBL from 6672' - 2000'. Good indic. Of bonding across total interval. POOH & SDFN.

11/18/95 - Tested Csg, tbg. To 2000 psi & perf. Blinbry f/ 5631' - 5770' @ 4 JSPF (total of 284 holes) in five runs. RIH w/ 5-1/2" x 2-7/8" RTTS pkr, BVTT, S.N. on 2-7/8" tbg to 5446'. Reverse 1.5 tbg volumes to clear spotted acid from annulus. Set pkr @ 5446', SDFN.

11/19/95 - MIRU BJ Services, tested lines to 3000 psi, press. Annulus to 500 psi. Acidized Blinbry perfs f/ 5631' - 5770' w/ a total of 7000 gal 15% HCL acid w/ additives and 4000 gal gelled pad using 300 .875" RCN ball sealers f/ divert. Mx. Press 2800 psi, ave. Press 2520 psi @ ave rate of 5.4 BPM. Had good ball action. ISIP 2520 psi, 15 min 2300 psi. (Total load 279 Bbl). RD ser Co. & rig to flow well back & swab. Initial press. 1900 psig. Opened well to test tank & died in 2.5 hours. (Rec. 87 bbl pad & acid wtr.) RIH w/ swab - 1st FL = surface. Made 8 runs & swabbed dry. Rec. 45 BW. Made 1 run / hr. W/ ave entry 500'. Rec. 10 BW. SDFN.

11/20/95 - SITP 40 psig, SICP 0. RU swab, IFL 3900' swb dry in 3 runs, rec 5 BW. Made 1 run / hr f/ 4 hrs w/ no fluid level, no recovery. SI 4.5 hrs. Made 1 run FL @ 5300' & rec .5 BW (very dirty water). No oil, no gas. SDFN.

11/21/95 - SITP TSTM, SICP 0. RIH w/ swb IFL 5300', swb dry in 1 run rec trace of oil. RIH w/ S.N. on 2-7/8" tbg open ended, set rental tbg slips, close pipe rams & TIW valve - RD PU & suspend operations.

12/4/95 - MIRU pulling unit. SIC&TP = 0 psig. RU swab & made 2 runs IFL 1300' rec 14 BW, no oil, no gas. POH w/ tbg.. RU W/L Co. & add new perfs to Blinbry f/ 5691' - 5701' @ 4 JSPF (total of 40 holes.) No surface press observed. RIH w/ 5-1/2" RTTS, S.N. on 2-7/8" tbg & set pkr @ 5499' SDFN.

12/5/95 -SIC & TP = 0 psig. RU swab IFL 1600', made 4 runs & swabbed dry. Rec 20 BW, no oil, no gas. Waited 1 hr & made 1 SR - No fluid entry. RD swab, SDFN.

12/6/95 - SIC&TP = 0 psig. RU swab IFL 4800', swabbed dry in 1 run, rec 2 BW, trace of oil, slight gas. Made 1 run / hr f/ 2 runs - no recovery. POOH & LD swab & pkr, SDFN.



12/7/95 - SIC&TP = 0 psig. RU BJ Ser. Test lines to 5000 psig. Sand fraced Blinebry perfs f/ 5631' - 5770' w/ 20,000 gal mini-frac, 30 min shut in, then 14,000 gal pad, 200,000# 20/40 mesh sand @ max 6 PPG in 6 stages. Flushed w/ 5500 gal. Max press 3310 psi, max rate 40 BPM, ave 40 BPM @ 2900 psi. Pad tagged w/ SC-46 WSL & 6# tagged w/ IR192sw. ISIP 2900 psi, 5 min 2650, 15 min 2470. Load to rec = 1958 BW. SI 1.5 hrs. Opened well on 24/64" choke & well died in 1.5 hrs. Rec. 125 BW. SI & RD Ser. Co, tree saver & opened well to tank on 2" valve. Well died in 1 hr - rec. 38 BW. SDFN

12/8/95 - SIC&TP = 0 psig. MIRU slick line unit & Protechnic International. Run slick line GA log. POOH, tool inoperative. Attempt tool repairs, no progress. RIH w/ kill string to 1350' & SDFN.

12/9/95 - SIC&TP = 0 psig. MIRU slick line unit & Protechnic International. Run slick line GA log. (Check log tool data, OK). RU swab IFL 1600'. Swab 11 runs, FFL 2600' (FL remaining @ 2600'). Rec. 92 BW, SDFN.

12/10/95 - SITP Vac, SICP 0 psig. RU swab IFL 1900'. Swab 29 runs FFL 2600' & rec. 276 BW. No show of oil or gas in swab samples.

12/11/95 - SITP 10 psig, SICP 0. RU swab IFL 1900'. Swab 12 runs FFL 2600' & rec 140 BW. Rel pkr. & POOH. RIH w/ prod. Tbg. Assembly. Set TAC @ 5535', S.N. @ 5598', End of tbg. @ 5634'. Set tbg. in 12,000# tension, ND BOPE, SDFN.

12/12/95 - Installed pumping unit & electric motor.

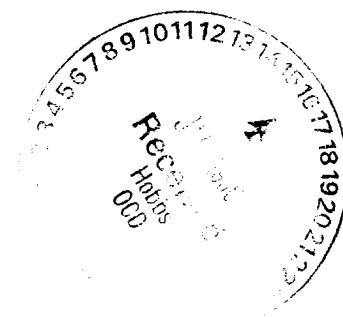
12/13/95 - RIH w/ Rod pump & comb steel & f'glass rod string. Seated pump & spaced out. Hung well on & started pumping to frac tank @ 4:30 PM MST.

12/27/95 - Well pumped 315 BW, no gas, no oil in 24 hours. Shut well in for further evaluation.

1/5/96 - MI & RU P.U. , POOH w/ pump & rods. NU BOPE& function test, Start OOH w/ 2-7/8" prod tbg. SDFN.

1/6/96 - SI C&TP = 25 psig. FOOH w/ prod tbg & press. Test BOPE to 1500 psig. RIH & set pkr @ 5380' & established an injection rate of 3.5 BPM @ 1300 psig into Blinebry perfs f/ 5631' - 5770'. POOH w/ pkr. RIH w/ EZ Drill cmt retainer & set @ 5567'. Pumped thru retainer & loaded annulus & press to 500 psig. Estab inj rate of 3.5 BPM @ 750 psig. Mixed & pumped 300 sx class C cement w/ 5/10% Halad 9 @ 14.8 PPG. Displ. cement w/ 20 BW & pressured to 2700 psig. SD. Press went to 2200 psig, waited 5 min. Pumped 6 BW & press went to 2700 psig. SD. Press went to 2500, waited 5 min. Pumped 1 BW & press went to 2900 psig. SD. Press went to 2700, waited 5 min. Total cement volume was 70 bbl, displaced 65 bbl below retainer when squeeze was obtained. Unstung from retainer & rev clean. SOOH w/ tbg. SDFWE to wait on cement.

1/8/96 - FOOH w/ tbg, retainer stinger. RIH w/ 4-3/4" bit, 6 - 3-1/2" DC & tagged TOC @ 5549'. Drilled out cmt & retainer down to 5771' - fell out of cement. Tested squeezed perfs to 1000 psi & held ok. RIH & cleaned out to 6672' (PBTD), Circl clean & displaced hole w/ 2% KCL wtr. PUH to 6638', SDFN.



1/9/96 - SIC&TP = 0 psig. Broke Circ & spotted 500 gal 15% double inhibited acid from 6638' - 6125'. POOH & LD DC. Loaded csg w 2% KCL & tested csg & lubricator to 1000 psig. Perforated Tubb @ 6376' - 80', 6385' - 98', 6404' - 07', 6421' - 30', 6447' - 56', 6465' - 78', 6485' - 88', 6496' - 6511', 6523' - 25', 6537' - 41', 6556' - 75', 6591' - 94' & 6627' - 30' W/ 2 JSPF (total of 200 holes). Displ acid in csg w/ 24 bbl 2% KCL under 1000 psig. SIH w/ pkr, On / Off tool w/ 1.875" "X" nipple on 2-7/8" tbg testing below the slips. Left pkr swinging @ 2000', SDFN.

1/10/96 - SIC&TP = 0 psig. FIH hydro testing tbg below slips to 5500 psig. Set pkr @ 6086' & loaded & press annulus to 1000 psig. Inst. Pop-off valve on csg set @ 2000 psig. Tied on tbg & tested lines to 6500 psi. Fracture stimulated Tubb perfs 6376' - 6630' w/ 71,000 gal of Spectra Frac G-3000 using 163,448# of 20/40 Ottawa sand staging it from 1 - 4 PPG. Mx. Press 5500#, Ave Press 5000#. Mx. Rate 26 BPM, Ave Rate 26 BPM. ISIP 2620 psi, 5 min 2430 psi, 10 min 2370 psi, 15 min 2355 psi. Shut in well 6 hrs. SITP 1600 psig. Opened well to frac tank on 12/64" chk, flowed 104 bbl of fluid & died. SI well, SDFN.

1/11/96 - SIC&TP = 0 psig. RIH w/ swab IFL 400'. Made 8 runs, rec 58 BW & kicked well off flowing on 9 th run. Flowed wide open to frac tank f/ 6 hrs w/ FTP 100 psig & rec 248 BW. SI well & inst choke. Flowed well overnight thru 48/64" choke to recover load w/ FTP 180 psi. Rec 351 BW flowing @ 32 bbl per hour.

