

WELL NO. <u>5</u>	LEASE <u>Indian P</u>	State Comm	BLOCK	SEC. _____	TW. _____	R. _____
	PARISH					
STATE <u>New Mexico</u>	COUNTY <u>Eddy</u>	AFE No.: <u>650893</u>				
	ELEV. _____					
MEASUREMENTS	TOP OF OIL STRING _____ ELEV. _____	HISTORY PREPARED BY <u>Carrie Byrom</u>				
TAKEN FROM	TOP OF ROTARY TABLE _____ ELEV. _____	TITLE <u>Secretary</u>				
	GRD. OR MAT. _____ ELEV. _____					

- 6-25-93 1st report of completion: Blade location. Set anchors & test to 22,500#. MIRU PU. N/U 7-1/16" 5M dual ram BOP's. Offload 304 jts 2-7/8" 6.5# L-80 workstring. RIH W/ 6-3/4" bit, bit sub, (6) 4-1/4" DC's & 184 jts 2-7/8" tbg. Tagged @ 5986'. Closed pipe rams & secured well. DC = \$3,800. TC = \$554,914.
- 6-26-93 OWU - 0 psi. R/U reverse unit. Drld stage tool 5986-5989'. Worked bit thru DV w/o torque. Closed rams & tested csg to 1500 psi. P/U 112 jts 2-7/8" & tagged up @ 9485'. R/U reverse unit & drld cmt to 9522' tagged float collar. Drld float collar & cmt to 9550'. Circ'd hole clean. Displaced hole w/ 2% KCl & 15 gals Claystay "XP". Spotted 9550-2000'. POOH w/ tbg. SWIFN. R/D reverse unit. DC = \$5,400. TC = \$560,314.
- 6-27-93 R/U Wedge W.L. N/U 7-5/8" 5M packoff. R/U kill truck & loaded hole w/ 25 bbls 2% KCl. RIH w/ GR/CBL/CCL to 9558' (PBTD). Ran repeat section 9558-9210' w/ 0 psi. Ran main pass 9558-9100' w/ 1000#. GR failed. POOH w/ tools. Chg'd out logs. RIH w/ GR/CBL/CCL. Ran repeat section 9558-9300' w/ 1000#. Ran main pass 9558-5900'. Ran main log pass 9558-5900' w/ 1000#. R/D Wedge W.L. SWIFN. DC = \$6,820. TC = \$567,134.
- 6-28-93 Make up Vann Systems perf'g gun. Otis perma latch pkr, on/off tool, RA marker & 289 jts 2-7/8" L-80 tbg. R/U Wedge W.L. & correlate w/ GR log. R/D W.L., N/D BOP's & space out tbg. Attempt to set pkr. Could not set pkr. POOH w/ 30K string drag for 1st 30 jts. Found pkr & gun assy backed off below on/off tool. RIH w/ on/off tool & 30 jts 2-7/8" tbg. DC = \$8,965. TC = \$576,099.
- 6-29-93 RIH w/ 35 stds 2-7/8" tbg & on/off tool. Tagged up on pkr @ 3100'. Picked up string weight. POOH w/ pkr & gun assembly. Inspect gun assembly - no damage. Rubber pkr elements damaged. PU Otis 7-5/8" "PL" tension pkr. RIH w/ tbg conveyed gun assembly pkr & hydro-test 289 jts 2-7/8" L-80 tbg. RU Black Warrior Wireline & RIH w/ 1-11/16" GR/CCL. Tool would not correlate. POOH & PU backup logging tool. RIH & attempt to log. Tool shorted out. POOH w/ log. Set pkr @ 9180'. Install TTW valve, SWIFN. DC = \$3,295. TC = \$579,394.
- 6-30-93 R/U Black Warrior W.L. Rel pkr. Ran 1-11/16" GR/CCL & correlated to OH logs. Set pkr @ 9186'. N/U 7-1/16" 5M tree. Tested tree to 5000#; tested flowline to 3000#. Drop vent bar & monitored tbg annulus. Pkr held OK. Load annulus & test to 500#. Drop detonating bar & perf Morrow 9266-9274'; 9334-9346'; 9414-9428'. Had gas to surf in 10 min. Pressure built to 500# in 30 min on 32/64" choke. Vented well to atmosphere for 1 hr & turned into test facility for 24 hr flow test. RA marker @ 9141'; "X" profile @ 9179'; 7-5/8" PL pkr @ 9181'; bar vent @ 9219'; mech. tbg rel. 9222'; handling sub w/ no-go @ 9256'; mech. firing head @ 9260'; Vann perf'g guns @ 9266'; bullplug @ 9428'. Current Rate: FTP 300#; BP 200#; choke 3/4"; rate 2658 MCFD. DC = \$87,466. TC = \$666,860.
- 7-01-93 Flow tested well til 12:00. R/U Pro W.L. & WIH, rel TCP guns. R/D Pro W.L. Opened well back up & started flow testing @ 3:30p. SITP after 3-1/2 hrs was 2150#. After 16 hrs, rate stabilized @ 2895 MCFD, 315# FTP, 200# BP on 3/4" choke, trace of oil. DC = \$2,725. TC = \$669,585.
- 7-02-93 Flowed well. R/U ARC Pressure Records & ran flowing gradients from 10:25a to 12:15p, stopping every 1000' to 9000' & then 100' intervals to 9347'. Dead wt. pressure flowing was 382#. RIH w/ 1.875" no-go & (2) electronic gauges to 9190'. Started 24 hr flow period & pressure recording @ 3:00p. R/D ARC. Continued to flow test well. Flow test well 21 hrs. FTP 315#; BP 200#; 2895 MCFD; 9 BO, 4 BW. DC = \$2,850. TC = \$672,435.
- 7-03-93 Well SI for BHP survey. Open well to sales line @ 3:00p 7-06-93. Current flow rate on 48/64" choke. FTP 750#; line press 700#. 24 hr rate: 2900 MCFD; 7 BO; 8 BW.
- 7-09-93 24 hr test: FTP 750#; LP 700#. 2918 MCFD; 0 BO; 4 BW.
- 7-13-93 Final Completion Report (for Houston): Well completed in the Cemetery Morrow field (Morrow peris 9266-9428'). Final test: 750# FTP on 3/4" choke; 2900 MCFD; 0 BO, 4 BW. FINAL REPORT.

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 X

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

OIL CONSERVATION DIVISION

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

RECEIVED

JUL 19 1993

WELL API NO.
30-015-27433

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
E-10083

7. Lease Name or Unit Agreement Name
INDIAN HILLS STATE COMM

8. Well No.
5

9. Pool name or Wildcat
CEMETARY; MORROW

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 : 1980 Feet From The SOUTH Line and 660 Feet From The WEST Line

Section 36

Township 20-S

Range 24-E

NMPM EDDY

County

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

GL: 3637 KB: 3653

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: NEW WELL COMPLETION ☒

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 Co. recently completed this well. The completion work is detailed on the attached history.

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

SIGNATURE Thomas M. Price TITLE Advanced Engineering Tech. DATE 7-14-93

TYPE OR PRINT NAME Thomas M. Price

TELEPHONE NO. 915-682-1626

(This space for State Use)

ORIGINAL SIGNED BY
MIKE WILLIAMS
SUPERVISOR, DISTRICT II

APPROVED BY _____ TITLE _____ DATE JUL 26 1993

CONDITIONS OF APPROVAL, IF ANY: