

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT **OPERATOR'S COPY**

FORM APPROVED
Budget Bureau No. 1004-0135
Expires November 30 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

RECEIVED

SUBMIT IN TRIPLICATE - Other instructions on reverse side

AUG 10 1999

5. Lease Serial No.	NM-030482
6. If Indian, Allottee or Tribe Name	
7. If Unit or CA/Agreement, Name and/or No.	INDIAN HILLS UNIT
8. Well Name and No.	INDIAN HILLS UNIT 20
9. API Well No.	30-015-30658
10. Field and Pool, or Exploratory Area	INDIAN BASIN
11. County or Parish, State	EDDY NM

MARATHON OIL COMPANY
MCR LAND DEPARTMENT

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	
2. Name of Operator Marathon Oil Company	
3a. Address P.O. Box 552 Midland, TX 79702	3b. Phone No. (include area code) 915/687-8356
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2250' FSL & 1730' FEL SEC. 28, 5-21-S, R-24-E	

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize <input type="checkbox"/> Deepen <input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Reclamation <input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input type="checkbox"/> Recomplete <input checked="" type="checkbox"/> Other <u>SPUD & CSG</u>
	<input type="checkbox"/> Change Plans <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon <u>OPERATIONS</u>
	<input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back <input type="checkbox"/> Water Disposal

13. Describe Proposed or Coompleted Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

7/23/99, MIRU McVay # 4, Spud 12.25" hole @ 1000 hrs, 7/23/99. Drilled to 1198'. Ran 27 jts, 9.625", 36 #, K-55, STC casing to 1198', shoe @ 1197', Float collar @ 1155'. Cemented W/ 200 sx Thixset Wt-14.0, yield- 1.52, followed by 155 sx. Premium plus Wt -- 12.4, yield - 2.02. Tailed in w/ 200 sx premium plus neat, Wt 14.8, yield - 1.34. Did not circulate cement. WOC 4 hrs, tagged cement @ 495'. Ran 1" tbg to 455'. Circulated 25 sx cement after pumping 195 sx class "C" in 4 stages. Welded 9.625" SOW X 11" 3M casing head. Tested weld to 1500 psi. N.U. 11" 3M dual ram and annular BOPE, choke manifold and kill line. Tested BOPE to 3000/300 psi. Tested annular to 2000 psi. P.U. 8.75" bit and TIH to TOC @ 1110', tested casing to 1000 psi. Drilled shoe and formation.

ACCEPTED FOR RECORD
AUG 09 1999
acs

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) R. J. LONGMIRE	Title <i>R. J. Longmire</i> DRILLING SUPERINTENDENT
	Date 8/4/99

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0137

Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

NM-030482

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
INDIAN HILLS UNIT

8. FARM OR LEASE NAME, WELL NO.

INDIAN HILLS UNIT #20

9. API WELL NO.

30-015-30658

10. FIELD AND POOL, OR WILDCAT

INDIAN BASIN UPPER PENN ASSOCIATED

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

SEC. 28, T-21-S, R-24-E

12. COUNTY OR PARISH

EDDY

13. STATE

NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____
 b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____

2. NAME OF OPERATOR
Marathon Oil Company

3. ADDRESS AND TELEPHONE NO.
P.O. Box 552 Midland, TX 79702 915-682-1626

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
 At surface
UL "J" 2250' FSL & 1730' FEL
 At top prod. interval reported below
SAME
 At total depth
SAME

14. PERMIT NO. _____ DATE ISSUED _____

15. DATE SPUDDED 7/23/99 16. DATE T.D. REACHED 8/6/99 17. DATE COMPL. (Ready to prod.) 9/22/99 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* GL-3717' KB-3734' 19. ELEV. CASINGHEAD _____

20. TOTAL DEPTH, MD & TVD 8300' 21. PLUG, BACK T.D., MD & TVD 8254' 22. IF MULTIPLE COMPL., HOW MANY? _____ 23. INTERVALS DRILLED BY _____ ROTARY TOOLS ALL CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*
UPPER PENN 7492' - 8120' 25. WAS DIRECTIONAL SURVEY MADE NO

26. TYPE ELECTRIC AND OTHER LOGS RUN
NGR Spectrometry, Hi Res. Laterolog Array, & CN Lithodensity 27. WAS WELL CORED NO

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9-5/8" K-55	36	1198'	12.25"	555 SX + 195 SX CIRC TO SURF.	
7" K-55	23 & 26	8300'	8.75"	1100 SX, CIRC, 153 SX	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	7895'	RBP @ 7900'

31. PERFORATION RECORD (Interval, size and number) 32. ACID SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

7528' - 7576' W/4 JSPF	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	7528' - 7576'	4800 GAL. 15% CCA SOUR HCl

33.* PRODUCTION

DATE FIRST PRODUCTION WELL SI	PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) SUM PUMP W/2-GC 3500 PUMPS & 2-FME MOTORS	WELL STATUS (Producing or shut-in) S.I.					
DATE OF TEST N/A	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL - BBL.	GAS - MCF.	WATER - BBL.	GAS - OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) N/A TEST WITNESSED BY _____

35. LIST OF ATTACHMENTS
LOGS & INCLINATION SURVEY

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Genny Lark TITLE Engineer Technician DATE 9/24/99

*(See instructions and spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
UPPER PENN	7492'	8120'	DOLOMITE, LIMESTONE, SHALE, GAS, OIL & WATER	SAN ANDRES	780'	
				GLORIETA	2432'	
				YESO	2585'	
				BONE SPRING	5090'	
				BONE SPRING SAND	6610'	
				WOLFCAMP	6830'	
				UPPER PENN	7492'	

	MARATHON OIL COMPANY Attachment to Form C-142		
INDIAN HILLS UNIT WELL NO. 20			
API NO. 30-015-30658			
Field	Working Interest Owners	Working Interest %	NRI %
Indian Hills Unit Wells #1, #8	MOC	99.54544	83.07133
#9, #10, #12, #17, #19 & #20	Nearburg Exploration	0.45456	0.38562
Sec. 21, 28, & 33			
T-21-S, R-24-E			
D. O. #8200214			