

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB 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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NM 07260
2. Name of Operator Marathon Oil Company		6. If Indian, Allottee or Tribe Name INDIAN HILLS UNIT #22
3a. Address P.O. Box 552 Midland, TX 79702	3b. Phone No. (include area code) 800-351-1417	7. If Unit or CA/Agreement, Name and/or No. INDIAN HILLS UNIT NM 70964
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SURFACE: UL "E", 1691' FNL & 10' FWL BOTTOM HOLE: UL "D", 957' FNL & 687' FWL SECTION 33, T-21-S, R-24-E		8. Well Name and No. INDIAN HILLS UNIT #22
		9. API Well No. 30-015-31150
		10. Field and Pool, or Exploratory Area INDIAN BASIN UPPER PENN ASSOCIATED GAS POOL
		11. County or Parish, State EDDY NM

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 checked="" type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input checked="" type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" 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 INITIAL
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	COMPLETION
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed 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 recompleat 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 recompleat 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.)

MARATHON OIL COMPANY has completed this well as follows:

Work began 7/14/00. MIRU PU, NU BOP. Ran CBT & found free pipe from 7570'-7897'. RU wireline & perf 7894-7962, 7966-7980, 7992-8006, 8026-8032, 8044-8062, 8080-8094, & 8116-8124 w/5 jspf. RIH w/PPI tool on 2-7/8" work string to 8130'. Acidized perfs w/100 gpf 15% CCA sour acid for a total of 16,000 gals. Fished valves, set packer @ 7780' & tested. Swabbed well recovering 120 BW in 24 runs. Released PPI packer & POOH LD. RIH w/9-5/8" RBP, set @ 3750', loaded & tested. POOH LD tbg. RIH w/3-1/2" tbg to RBP. Latch on to RBP & continue in hole to 7840'. Set & tested RBP. Hung off tbg in slips. Waiting on field facilities. 7/28/00 MIRU PU, NU BOP, Release RBP & PUH to 3528'. Set & test RBP. PU & assemble sub pump. RIH w/sub pump on 265 jts of 3-1/2" tbg to 8428', RBP set @ 8435'. Landed hanger in wellhead, made final splice, ND BOPs & NU wellhead. Turned well over to production on 8/3/00.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Ginny Larke

Title

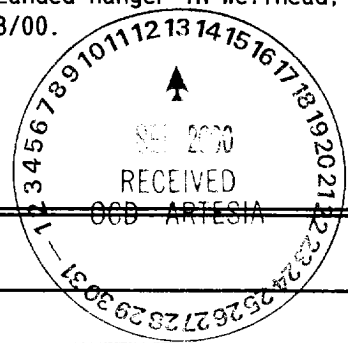
Engineer Technician

Date 8/30/00

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, and Title 43 U.S.C. Section 1212, 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)

OMB NO. 1004-0137

Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. NM 07260	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME INDIAN HILLS UNIT	
2. NAME OF OPERATOR Marathon Oil Company		7. UNIT AGREEMENT NAME INDIAN HILLS UNIT	
3. ADDRESS AND TELEPHONE NO. P.O. Box 552 Midland, TX 79702		8. FARM OR LEASE NAME, WELL NO. INDIAN HILLS UNIT #22	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface UL "E", 1691' FNL & 10' FWL At top prod. interval reported below At total depth UL "D", 957' FNL & 687' FWL		9. API WELL NO. 30-015-31150	
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT INDIAN BASIN UPPER PENN ASSOCIATED GAS POOL	
DATE ISSUED		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 33, T-21-S, R-24-E	
15. DATE SPUDDED 6/5/00		12. COUNTY OR PARISH EDDY	
16. DATE T.D. REACHED 6/29/00		13. STATE NM	
17. DATE COMPL. (Ready to prod.) 8/3/00		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* GL: 4166, KB: 4198	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 8745' / 8597' TVD	
21. PLUG, BACK T.D., MD & TVD 8584' MD, 8440' TVD		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY →		ROTARY TOOLS ALL	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* UPPER PENN, TOP-7894' MD, 7766' TVD; BOTTOM-8124' MD, 7992' TVD		25. WAS DIRECTIONAL SURVEY MADE YES	
26. TYPE ELECTRIC AND OTHER LOGS RUN NGR SPECTROSCOPY, PLATFORM EXPRESS DLL/NGT & LDT CNL/NGT		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
20" CONDUCTOR		40'	
13-3/8"	54.5	1800'	17.5"
9-5/8" L80 & K55	43.5 & 40.5	8653'	12.25"
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
3-1/2"	8428'	RBP-8435'	
31. PERFORATION RECORD (Interval, size and number) 7894'-7962', 7966'-7980', 7992'-8006', 8026'-8032' 8044'-8062', 8080'-8094', 8116'-8124', 5 JSPF @ 60 DEGREE PHASING, 142' OF PAY, TOTAL OF 710 HOLES			
32. ACID SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
7894'-8124'		16,000 GALS 15% CCA SOUR ACID	
33. PRODUCTION			
DATE FIRST PRODUCTION 8/4/00	PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) SUB PUMP, GC 6100		WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 8/24/00	HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD →
FLOW TUBING PRESS. 380	CASING PRESSURE 220	CALCULATED 24-HOUR RATE →	OIL - BBL. 61
GAS - MCF. 1193		WATER - BBL. 7214	
OIL GRAVITY - API (CORR.) 46			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold			
35. LIST OF ATTACHMENTS Logs, Deviation survey & Directional survey			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <u>Ginny Larke</u>		TITLE <u>Engineer Technician</u>	
DATE <u>9/6/00</u>			

*(See Instructions and Spaces for Additional Data on Reverse Side)

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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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
UPPER PENN	7888	8552	DOLOMITE, LIMESTONE, SHALE; OIL, GAS & WATER	SAN ANDRES	1220	1220
				GLORIETA	2758	2757
				YESO	2930	2929
				BONE SPRING	5446	5401
				BONE SPRING SAND	7004	6905
				WOLFCAMP	7272	7163
				UPPER PENN	7888	7761