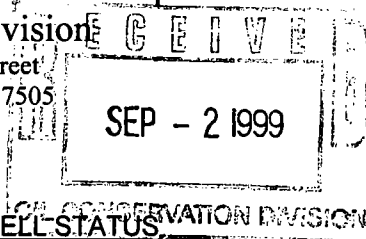


\*District I - (505) 393-6161  
1625 N. French Dr  
Hobbs, NM 88241-1980  
District II - (505) 748-1283  
811 S. First  
Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Road  
Aztec, NM 87410  
District IV - (505) 827-7131

New Mexico  
Energy Minerals and Natural Resources Department  
Oil Conservation Division  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505  
(505) 827-7131

1206 Form C-142  
Date 06/99

SUBMIT ORIGINAL  
PLUS 2 COPIES  
TO THE SANTA FE  
OFFICE



APPLICATION FOR NEW WELL STATUS

I. Operator and Well

Operator name & address Marathon Oil Company P. O. Box 552 Midland, TX 79701								OGRID Number 014021	
Contact Party Ginny Larke								Phone 915-682-1626	
Property Name INDIAN HILLS UNIT						Well Number 17		API Number 30-015-30661	
UL B	Section 28	Township 21-S	Range 24-E	Feet From The 660	North/South Line NORTH	Feet From The 2220	East/West Line EAST	County EDDY	

II. Date/Time Information

Spud Date 6/26/99	Spud Time 0900	Date Completed 8/1/99	Pool INDIAN BASIN UPPER PENN ASSOCIATED POOL
----------------------	-------------------	--------------------------	---

- III. Attach copies of Form C-103 or Federal Form 3160-5 showing date/time of drilling commenced and Form C-105 or Federal Form 3160-4 showing well was completed as a producer.  
IV. Attach a list of all working interest owners with their percentage interests.  
V. AFFIDAVIT:

State of Texas )  
County of Midland ) ss.

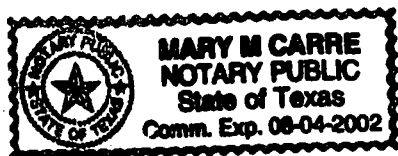
Ginny Larke, being first duly sworn, upon oath states:

1. I am the Operator, or authorized representative of the Operator, of the above-referenced well.
2. To the best of my knowledge, this application is complete and correct.

Signature Ginny Larke Title Engineer Technician Date August 30, 1999

SUBSCRIBED AND SWORN TO before me this 31<sup>st</sup> day of August 1999

Mary M Carre  
Notary Public



My Commission expires: 8/4/02

FOR OIL CONSERVATION DIVISION USE ONLY:

VI. CERTIFICATION OF APPROVAL:

This Application is hereby approved and the above-referenced well is designated a New Well. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval.

Signature <u>Mark P. Speer</u>	Title <u>P.O. Speer</u>	Date <u>OCT 1 1999</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: 10/1/99

NOTICE: The operator must notify all working interest owners of this New Well certification.

PV2V2006439219

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other in-  
structions on  
reverse side)

FORM APPROVED

OMB NO. 1004-0137

Expires: February 28, 1995

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL:		OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input type="checkbox"/>	Other _____	7. UNIT AGREEMENT NAME INDIAN HILLS UNIT	
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 _____
2. NAME OF OPERATOR Marathon Oil Company						8. FARM OR LEASE NAME, WELL NO. INDIAN HILLS UNIT #17	
3. ADDRESS AND TELEPHONE NO. P.O. Box 552 Midland, TX 79702 915-682-1626						9. API WELL NO. 30-015-30661	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface UL "B", 660' FNL & 2220' FEL At top prod. interval reported below  At total depth						10. FIELD AND POOL, OR WILDCAT INDIAN BASIN UPPER PENN ASSOCIATED GAS POOL 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SECTION 28, T-21-S, R-24-E	
14. PERMIT NO.				DATE ISSUED		12. COUNTY OR PARISH EDDY	13. STATE NM
15. DATE SPUDDED 6/25/99	16. DATE T.D. REACHED 7/20/99	17. DATE COMPL. (Ready to prod.) 8/1/99		18. ELEVATIONS (DF, RKB, RT, OR, ETC.)* KB: 3681'; GL: 3664'		19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 9750'		21. PLUG, BACK T.D., MD & TVD 8172'		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)* 7400'-8002', UPPER PENN							25. WAS DIRECTIONAL SURVEY MADE NO
26. TYPE ELECTRIC AND OTHER LOGS RUN NGR, MCFL/GR, NGR SPECTROSCOPY, CNT, CN/GR							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", K55	36#	1220'	12.25"	489 SX. CIRC 233 SX TO SURF.			
7", K55	23 & 26#	8200'	8.75"	415 SX FOAM, 660 SX CIRC 70SX			
29. LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD		
					SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	7804'	RBP-7811'
31. PERFORATION RECORD (Interval, size and number) 7406'-7471', 7484'-7500', 7528'-7538', 7542'-7558' 4 JSPF				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
				7406-7558'		12,000 GALS. 15% CCA SOUR HCl	
33. PRODUCTION							
DATE FIRST PRODUCTION 8/5/99		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) CENTRILIFT K-34, 190 HP SUBMERSIBLE PUMP				WELL STATUS (Producing or shut-in) PRODUCING	
DATE OF TEST 8/18/99	HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL - BBL. 179	GAS - MCF. 7567	WATER - BBL. 4504	GAS - OIL RATIO 42.274
FLOW. TUBING PRESS. 0	CASING PRESSURE 300	CALCULATED 24-HOUR RATE →	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.) 41.3	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) SOLD						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 <u>Garry Laake</u>				TITLE Engineer Technician		DATE 8/30/99	

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

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.

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	7400'	8002'	Dolomite. Limestone. Shale: Oil, Gas & Water	San Andres	750'	
				Glorietta	2390'	
				Yeso	2550'	
				Bone Spring	5095'	
				Bone Spring Sand	6586'	
				Wolfcamp	6710'	
				Upper Penn	7400'	

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
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.

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

5. Lease Serial No.

NM-06293

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 17

9. API Well No.  
30-015-30661

10. Field and Pool, or Exploratory Area  
INDIAN BASIN - MORROW

11. County or Parish, State  
EDDY NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ 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)

U.L. "B", 660' FNL & 2220' FEL  
SEC. 28, T-21-S, R-24-E

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

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- |   |   |  |   |
|---|---|--|---|
| <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off                           |
| <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity                           |
| <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other <u>Spud &amp; Drllg</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 recomplate 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.)  
See attached for detail.

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

R. J. LONGMIRE

Title

DRILLING SUPERINTENDENT

Date 7/20/99

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.

## **Marathon Oil Company**

Indian Hills Unit # 17  
660' FNL & 2220' FEL  
Section 28, T-21-S, R-24-E  
Eddy County, N.M.

**API # 30-015-30661**

6/25/99, MIRU McVay # 4, Spud 12.25" hole @ 0900 hrs, 6/26/99. Drilled to 1220'. Ran 29 jts, 9.625", 36 #, K-55, STC casing to 1220', shoe @ 1220', Float collar @ 1177'. Cemented W/ 200 sx Thixset Wt-14.0, yield- 1.52, followed by 200 sx. Premium plus Wt -- 12.4, yield - 2.02. Tailed in w/ 200 sx premium plus neat, Wt 14.8, yield - 1.34. Circulated 233 sx. Cement. 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 @ 1150', tested casing to 1000 psi. Drilled shoe and formation to 8200' TD @ 0200 hrs 7/9/99. RU Schlumberger, ran Platform - Express w/ HALS/NGT 8041' - Surface.

Changed rams to 7", ran 75 jts, 26 #, K-55, 105 jts, 23 #, K-55, 2 jts, 26 #, K-55 LTC casing to 8200'. Shoe @ 8150', float collar @ 8106', ECP @ 5970', D.V. @ 5960'. Cemented 1<sup>st</sup>.. stage w/ 175 sx Premium Plus w/ 50,000 Scf N2, Wt - 9.2, yield - 1.18. Tailed in w/ 240 sx Premium Plus. Set ECP & dropped bomb, opened D.V. tool @ 5960', circulated out gas and water, had full returns, did not circulate cement. Cemented 2<sup>nd</sup> stage w/ 560 sx. Interfil "C" w/ .25 p.p.s. flocele, 3 p.p.s. Gilsonite, .2% Halad - 22, Wt - 11.9, yield - 2.47. Tailed in w 100 sx neat. Plug down @ 0145 hrs, 7/10/99. Circulated 70 sx to surface.

ND BOPE and set slips, NU 11" 3M X 7 1/16" 3M tubing spool. Tested seals to 1000 psi.

Picked up 3.5" drill pipe & 4.75" collars. Drilled 4.75" hole to 9750'. Logged well.

RIH w/ DP to 9394'. Spotted 35 sack balanced plug 9394' - 9269'. TOH w/ DP to 8905', spotted 35 sack balanced cement plug 8905 - 8780'. TOH w/ DP to 8255' Spotted 35 sack balanced plug 8255' - 8120'.

Released rig @ 0900 hrs 7/21/99.

**MARATHON OIL COMPANY**  
**Attachment to Form C-142**

**INDIAN HILLS UNIT WELL NO. 17**  
**API NO. 30-015-30661**

<b>Field</b>	<b>Working Interest Owners</b>	<b>Working Interest %</b>	<b>NRI %</b>
Indian Hills Unit Wells #1, #8 #9, #10, #11, #12, #17 & #19 Sec. 21, 28, & 33 T-21-S, R-24-E D. O. #8200214	MOC Nearburg Exploration	99.54544 0.45456	83.07133 0.38562