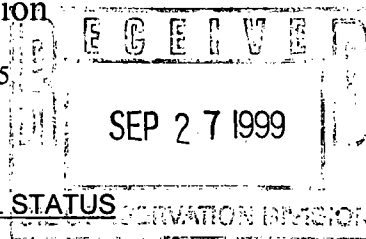


District I - (505) 393-6161
1625 N. French Dr
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

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

1250
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 20		API Number 30-015-30658	
UL J	Section 28	Township 21-S	Range 24-E	Feet From The 2250	North/South Line SOUTH	Feet From The 1730	East/West Line EAST	County EDDY

II. Date/Time Information

Spud Date 7/23/99	Spud Time 1000 HRS	Date Completed 9/22/99	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:

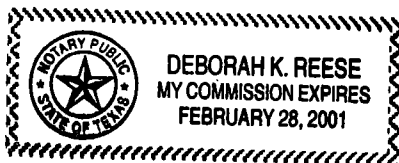
State of Texas)
County of Midland) ss.

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 September 24, 1999

SUBSCRIBED AND SWORN TO before me this 24th day of Sept., 1999.



Deborah K. Reese
Notary Public

My Commission expires: _____

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 Kelly</u>	Title <u>P.E. Spec.</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.

PV2V2000632086

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
OPERATOR'S COPY
SUNDRY NOTICES AND REPORTS ON WELLS

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

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

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		MARATHON OIL COMPANY MCR LAND DEPARTMENT		5. Lease Serial No. NM-030482
2. Name of Operator Marathon Oil Company				6. If Indian, Allottee or Tribe Name
3a. Address P.O. Box 552 Midland, TX 79702		3b. Phone No. (include area code) 915/687-8356		7. If Unit or CA/Agreement, Name and/or No. INDIAN HILLS UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2250' FSL & 1730' FEL SEC. 28, 5-21-S, R-24-E				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

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 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 recompleate 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 recompleation 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

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) R. J. LONGMIRE	Title <i>Walter Cannon</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.

(Instructions on reverse)

**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

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

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

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)

7528' - 7576' W/4 JSPF

32. ACID SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

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

33.* PRODUCTION

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

Garry L. 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			