

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

1164
Form C-142
Date 06/99

SUBMIT ORIGINAL
PLUS 2 COPIES
TO THE SANTA FE
OFFICE

AUG 20 1999

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 14		API Number 30-015-30624	
UL J	Section 29	Township 21-S	Range 24-E	Feet From The 2300	North/South Line SOUTH	Feet From The 2000	East/West Line EAST	County EDDY

II. Date/Time Information

Spud Date 5/7/99	Spud Time 1030 HRS	Date Completed 6/4/99	Pool INDIAN BASIN UPPER PENN ASSOCIATED POOL
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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 17, 1999

SUBSCRIBED AND SWORN TO before me this 17th day of August, 1999.

Dereta Harshbarger
Notary Public

My Commission expires: July 30, 2002

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. E. Spec.</u>	Title <u>P.E. Spec.</u>	Date <u>AUG 24 1999</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: AUG 24 1999

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

PV2V2006429598

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.

LC-064391-B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

INDIAN HILLS UNIT GAS COM

8. FARM OR LEASE NAME, WELL NO.

INDIAN HILLS UNIT #14

9. API WELL NO.

30-015-30624

10. FIELD AND POOL, OR WILDCAT

INDIAN BASIN UPPER PENN
ASSOCIATED POOL11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

SEC. 29, 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", 2300' FSL & 2000' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

5/7/99

16. DATE T.D. REACHED

5/20/99

17. DATE COMPL. (Ready to prod.)

6/4/99

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

GL-3766'; KB-3778'

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

8150'

21. PLUG, BACK T.D., MD & TVD

8115' MD

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 - 7330' - 7344' & 7376' - 7386'

25. WAS DIRECTIONAL
SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

Micro-CFL/NGT, NGR, & CN/NGT

27. WAS WELL CORED

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#	1230'	12.25"	555 SX. DID NOT CIRCULATE	
7" K-55	23 & 26#	8150'	8.75"	930 SX, CIRC. 29 SX	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	7992'	RBP-7998'

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

7330' - 7344' & 7376' - 7386' 4 jspf w/120 degree
phasing; 7412' - 7452' 4 jspf (160 holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7330' - 7386'	28.000 qals. CSA 150 & Wtrfrac G
7412' - 7452'	2.050 qals. 15% CCA Sour acid

33. PRODUCTION

DATE FIRST PRODUCTION 6/4/99		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) ESP Sub pump					WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 7/13/99	HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL - BBL. 1	GAS - MCF. 4701	WATER - BBL. 2773	GAS - OIL RATIO 4,701,000	
FLOW. TUBING PRESS. 340	CASING PRESSURE 300	CALCULATED 24-HOUR RATE →	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.) 41.2		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

sold

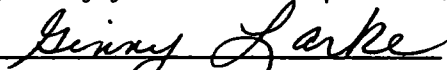
TEST WITNESSED BY

35. LIST OF ATTACHMENTS

inclination survey & logs

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

SIGNED



TITLE Engineer Technician

DATE 8/10/99

*(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	7319	8150 (TD)	DOLOMITE, LIMESTONE & SHALE; GAS, OIL & WATER	San Andres	746'	
				Glorietta	2322'	
				Yeso	2440'	
				3rd Bn Sprgs Sand	6450'	
				Wolfcamp	6622'	
				Upper Penn	7319'	

SUBMIT IN TRIPLICATE - Other instructions on reverse side

Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

Name of Operator
Marathon Oil Company

a. Address
P.O. Box 552 Midland, TX 79702

3b. Phone No. (include area code)
915/687-8356

c. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2300' FSL & 2000' FEL
SEC. 29, T-21-S, R-24-E

5. Lease Serial No.
LC-06293-064391B

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 #14

9. API Well No.
30-015- - 30624

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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Water Disposal
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input checked="" type="checkbox"/> Other
	SPUD & DRILLING

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.)

5/7/99, MIRU McVay # 4, Spud 12.25" hole @ 1030 hrs, 5/7/99. Drilled to 1230'. Ran 29 jts, 9.625", 36 #, K-55, STC casing to 1230', shoe @ 1230', Float collar @ 1191'. 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. Tagged cement @ 788'. Cemented w/ 1" tubing, 165 sx, Class "C" in 4 stages to 475' . Dumped 10 CY of pea gravel in annulus. Unable ot get 1" past 73'. Cemented to surface w/ 20 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 @ 1178', tested casing to 1000 psi. Drilled shoe and formation to 8150' TD @ 1200 hrs 5/19/99. R.U. 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 1St.. stage w/ 150 sx Premium Plus w/ 1400 Scf N2, Wt - 9.2, yield - 1.18. Tailed in w/ 360 sx Premium Plus foamed w/ 900 SCF N2, Wt - 13.2, yield 1.18. Set ECP & dropped bomb, opened D.V. tool @ 5960', circulated out gas and water, had full returns, circulated out 15 sx cement. Cemented 2nd stage w/ 550 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, 3/20/99. Circulated 14 sx to surface.

ND BOPE and set slips, NU 11" 3M X 7 1/16" 3M tubing spool. Tested seals to 1000 psi. Released rig @ 2000 hrs 5/23/99.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)
R. J. LONGMIRE

Title
DRILLING SUPERINTENDENT

Date
5/24/99

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)

MARATHON OIL COMPANY			
Attachment to Form C-142			
INDIAN HILLS UNIT WELL NO. 14			
API NO. 30-015-30624			
Field	Working Interest Owners	Working Interest %	NRI %
Indian Hills Unit Gas Com	MOC	93.32385	78.98301
#3, #13, and #14	Claremont Corp.	1.40937	1.16273
Sec. 29, T-21-S, R-24-E	TX Independent Expl.	1.28125	1.05703
	Devon Energy (Kerr-McGee)	1.15313	0.95133
D. O. #8200215	Nolan Brunson, Jr.	0.56250	0.46407
	Nearburg Exploration	0.42615	0.36152
	Merit Group II	1.28125	1.05703
	H. Hanagan	0.28125	0.23203
	Hanagan Prop.	0.28125	0.23203