

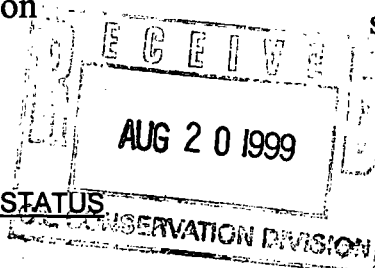
District I - (505) 393-6161  
1625 N. French Dr  
Hobbs, NM 88241-1980  
District II - (505) 748-1283  
811 S. First  
Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Road  
Aztec, NM 87410  
District IV - (505) 827-7131

New Mexico  
Energy Minerals and Natural Resources Department  
Oil Conservation Division

2040 South Pacheco Street  
Santa Fe, New Mexico 87505  
(505) 827-7131

1162 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 Basin 32 State						Well Number 4		API Number 30-015-30618	
UL D	Section 32	Township 21-S	Range 24-E	Feet From The 660	North/South Line NORTH	Feet From The 810	East/West Line WEST	County EDDY	

II. Date/Time Information

Spud Date 5/17/99	Spud Time 1800 HRS	Date Completed 6/23/99	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 Kelly</u>	Title <u>P.E. Spee.</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.

PVZV2006429420

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-105  
Revised 1-1-89

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

**OIL CONSERVATION DIVISION**  
2040 Pacheco St.  
Santa Fe, NM 87505

WELL API NO.

30-015-30618

5. Indicate Type Of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

V-993-3

**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 ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER \_\_\_\_\_

2. Name of Operator  
Marathon Oil Company

7. Lease Name or Unit Agreement Name  
INDIAN BASIN "32" STATE

3. Address of Operator  
P.O. Box 552, Midland, TX 79702

8. Well No.  
4

4. Well Location  
Unit Letter D : 660 Feet From The NORTH Line and 810 Feet From The WEST Line

Section 32 Township 21-S Range 24-E NMPM EDDY County

10. Date Spudded 5/17/99 11. Date T.D. Reached 6/5/99 12. Date Compl. (Ready to Prod.) 6/23/99 13. Elevations (DF & RKB, RT, GR, etc.) GL-3791'; KB-3808' 14. Elev. Casinghead

15. Total Depth 8105 16. Plug Back T.D. 8057' 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By Rotary Tools Cable Tools ALL

19. Producing Interval(s), of this completion - Top, Bottom, Name UPPER PENN 7821' - 8105' 20. Was Directional Survey Made

21. Type Electric and Other Logs Run CN/GR, MCFL/GR, & NATURAL GAMMA SPECTROSCOPY 22. Was Well Cored NO

**23. CASING RECORD (Report all strings set in well)**

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36	1198'	12.25"	489 SX-DID NOT CIRC.	
7"	23 & 26	8105'	8.75"	1050 SX-85 SX CIRC	

**24. LINER RECORD 25. TUBING RECORD**

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	7795'	RBP-7800'

26. Perforation record (interval, size, and number)  
7325'-7338', 7340'-7382', 7386'-7410' 4 JSPF FOR A TOTAL OF 316 HOLES

27. ACID, SHOT, FRACTURE, CEMENT, SOEEZE, ETC.  
DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED  
7325'-7410' 8200 GALS 15% CCA SOUR ACID

**28. PRODUCTION**

Date First Production 6/25/99 Production Method (Flowing, gas lift, pumping - Size and type pump) ESP Submersible pump Well Status (Prod. or Shut-in) PRODUCING

Date of Test 7/19/99 Hours Tested 24 Choke Size Prod'n For Test Period Oil - Bbl. 1 Gas - MCF 2296 Water - Bbl. 2888 Gas - Oil Ratio 2296000

Flow Tubing Press. 260 Casing Pressure 200 Calculated 24-Hour Rate Oil - Bbl. Gas - MCF Water - Bbl. Oil Gravity - API -(Corr.) 41.2

29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD Test Witnessed By

30. List Attachments  
INCLINATION SURVEYS & LOGS

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature GINNY LARKE Printed Name GINNY LARKE Title ENGINEER TECH. Date 8/13/99

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

T. Anhy _____	T. Canyon _____
T. Salt _____	T. Strawn _____
B. Salt _____	T. Atoka _____
T. Yates _____	T. Miss _____
T. 7 Rivers _____	T. Devonian _____
T. Queen _____	T. Silurian _____
T. Grayburg _____	T. Montoya _____
T. San Andres _____ 725	T. Simpson _____
T. Glorieta _____ 2256	T. McKee _____
T. Paddock _____ 2383	T. Ellenburger _____
T. Blinbry _____	T. Gr. Wash _____
T. Tubb _____	T. Delaware Sand _____
T. Drinkard _____	T. Bone Springs _____ 4433
T. Abo _____	T. 3rd Bone Sprgs Sand 6343
T. Wolfcamp _____ 6640	T. _____
T. Penn _____ 7317	T. _____
T. Cisco (Bough C) _____	T. _____

### Northeastern New Mexico

T. Ojo Alamo _____	T. Penn. "B" _____
T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Pictured Cliffs _____	T. Penn. "D" _____
T. Cliff House _____	T. Leadville _____
T. Menefee _____	T. Madison _____
T. Point Lookout _____	T. Elbert _____
T. Mancos _____	T. McCracken _____
T. Gallup _____	T. Ignacio Otzte _____
Base Greenhorn _____	T. Granite _____
T. Dakota _____	T. _____
T. Morrison _____	T. _____
T. Todilto _____	T. _____
T. Entrada _____	T. _____
T. Wingate _____	T. _____
T. Chinle _____	T. _____
T. Permian _____	T. _____
T. Penn "A" _____	T. _____

### OIL OR GAS SANDS OR ZONES

No. 1, from _____ 7317 _____ to _____ 7821 _____	No. 3, from _____ to _____
No. 2, from _____ to _____	No. 4, from _____ to _____

### IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet _____
No. 2, from _____ to _____ feet _____
No. 3, from _____ to _____ feet _____

### LITHOLOGY RECORD

( Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
725	2256		Dolomite, Limestone				
2256	2383		Sand, Dolomite				
2383	3954		Dolomite, Limestone				
3954	4433		Sand, Limestone				
4433	6343		Limestone				
6343	6640		Sand				
6640	7317		Shale, Limestone				
7317	7821		Dolomite				
7821	8105		Limestone, Shale				

Submit 3 Copies  
to Appropriate  
District Office

State of New Mexico  
Energy, Minerals and Natural Resources Department

FILE COPY

Form C-103  
Revised 1-1-89

AP

OIL CONSERVATION DIVISION

2040 Pacheco St.  
Santa Fe, NM 87505

DISTRICT I  
P.O. Box 1980, Hobbs NM 88241-1980

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.

30-015-30618

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A  
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"  
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

OIL  
WELL ☐

GAS  
WELL ☒

OTHER

2. Name of Operator

Marathon Oil Company

3. Address of Operator

P.O. Box 552, Midland, TX 79702

8. Well No.

4

9. Pool name or Wildcat

INDIAN BASIN, U. PENN ASSOC.

4. Well Location

Unit Letter D : 660 Feet From The NORTH Line and 810 Feet From The WEST Line

Section 32 Township 21-S Range 24-E NMPM EDDY County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

3791' GL

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

PULL OR ALTER CASING ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☒ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

SEE ATTACHED FOR DETAIL



I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Walter J. Longmire, Jr.

TITLE DRILLING SUPERINTENDENT

DATE 6/9/99

TYPE OR PRINT NAME R. J. LONGMIRE

TELEPHONE NO. 915/687-8356

(This space for State Use)

APPROVED BY

Jim W. Green

TITLE

District Supervisor

DATE

6-23-99

CONDITIONS OF APPROVAL, IF ANY:

Marathon Oil Company

Indian Basin 32 # 4  
660' FNL & 810' FWL  
Section 32, T-21-S, R-24-E  
Eddy County, N.M.

5/17/99, MIRU United# 4, Spud 12.25" hole @ 1800 hrs, 5/17/99. Air drilled to 1200'. Ran 28 jts, 9.625", 36 #, K-55, STC casing to 1230', shoe @ 1230', Float collar @ 1158'. Cemented W/ 200 sx "H" Wt-14.6, yield- 1.51, followed by 189 sx. 35/65/6 Wt - 12.4, yield - 2.02. Tailed in w/ 150 sx premium plus neat, Wt 14.8, yield - 1.34. Did not circulate cement. Ran Temp Survey, found TOC @ 680' Tagged cement @ 680'. Cemented w/ 1" tubing, 165 sx, Class "C" in 4 stages to 475'. Dumped 10 CY of pea gravel in annulus. Cemented to surface w/ 225 sx cement 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 @ 1178', tested casing to 1000 psi. Rigged down United, Rigged up Mc Vay #4 Drilled shoe and formation to 8105' TD @ 0830 hrs 6/4/99. R.U. Schlumberger, ran Platform - Express w/ HALS/NGT 8041' - Surface.

Changed rams to 7", ran 66 jts, 26 #, K-55, 104 jts, 23 #, K-55, 2 jts, 26 #, K-55 LTC casing to 8105'. Shoe @ 8105', float collar @ 8057', D.V. @ 5921'. Cemented 1st.. stage w/ 250 sx Premium Plus w/ 18,500 Scf N2, Wt - 9.2, yield - 1.18. Tailed in w/ 200 sx Premium Plus foamed w/ 6300 SCF N2, Wt - 13.0, yield 1.18. Set ECP & dropped bomb, opened D.V. tool @ 5921', circulated out gas and water, had full returns, circulated out 15 sx cement. Cemented 2nd stage w/ 500 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 rs, 3/20/99. Circulated 20 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 @ 0300 hrs 6/7/99.

MARATHON OIL COMPANY Attachment to Form C-142			
INDIAN BASIN "32" STATE WELL NO. 4			
API NO. 30-015-30618			
Field	Working Interest Owners	Working Interest %	NRI %
IB 32 State #4	MOC	75.00000	62.50000
W/2 Sec. 32, T-21-S, R-24-E	Santa Fe Energy Resources	25.00000	20.83333
D. O.			