

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. C Cons. Division
811 S. 1st Street
Artesia, NM 88210-2834
APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000
C151

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

☐ 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)

1-800-351-1417

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SHL SEC-33, T-21-S, R-24-E, 1691' FNL, 10' FWL
BHL SEC-33, T-21-S, R-24-E, 746' FNL, 894' FWL
EDDY CO. N.M.

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA/Agreement, Name and/or N

N/A

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

11. County or Parish, State

EDDY N.M.

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

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☐ Other

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.)

PROPOSE TO AMEND APD TO REFLECT CHANGE IN BOTTOM HOLE LOCATION OF WELL.

PLEASE SEE ATTACHED C-102 EXPLAINING OUR INTENT. POOL RULES FOR UPPER PENN ASSOC. REQUIRE 660' FROM OUTER BOUNDARY AND 330' FROM ANY QUARTER/QUARTER SECTION. THIS NEW SPACING SHOULD SATISFY THIS RULE.

PENETRATION POINT IS 7369.81' MEASURED DEPTH, AND 7200.00' TRUE VERTICAL DEPTH. PLEASE REFERENCE ATTACHED SURVEY.

BOTTOM HOLE LOCATION IS PROPOSED TO BE 990' FNL, 660' FWL.

SUBJECT TO
LIKE APPROVAL
BY STATE

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

Jerry Fletcher

Title

DRILLING ENGINEER TECH

Date 05-25-00

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

(ORIG. SGD.) GARY GOURLEY

PETROLEUM ENGINEER

Date

JUN 01 2000

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.

REC'D

MAY 30 2000

DLT

ROOM

OIL CONSERVATION DIVISION

2040 South Pacheco

Santa Fe, NM 87505

Revised October 18, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-31150	² Pool Code 33865	³ Pool Name INDIAN BASIN UPPER PENN. ASSOC.
⁴ Property Code 6409	⁵ Property Name INDIAN HILLS UNIT	
⁷ OGRID No. 14021	⁸ Operator Name Marathon Oil Company	⁶ Well Number 22
		⁹ Elevation 4166

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
E	33	21-S	24-E		1691	NORTH	10	WEST	EDDY

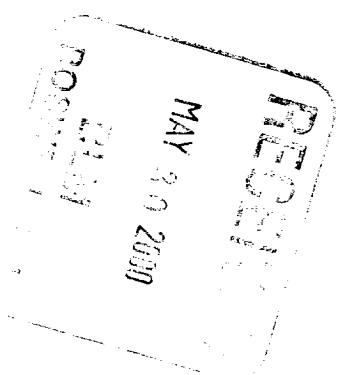
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
E	33	21-S	24-E		746	NORTH	894	WEST	EDDY

¹² Dedicated Acres 320 WEST 1/2	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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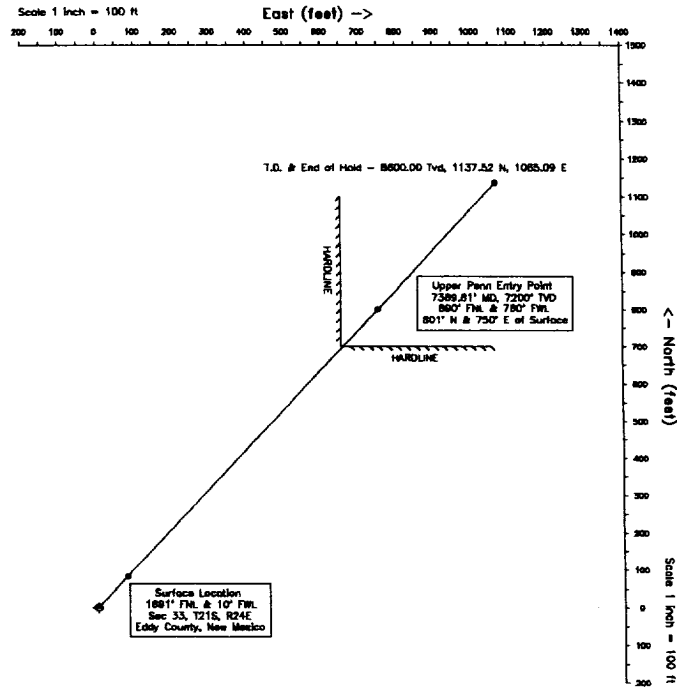
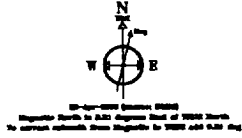
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON--STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature JERRY FLETCHER Printed Name DRILLING ENGINEER TECH. Title 05-25-00 Date
	¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. MARCH 20, 2000 Date of Survey Signature and Seal of Professional Surveyer: Certificate Number



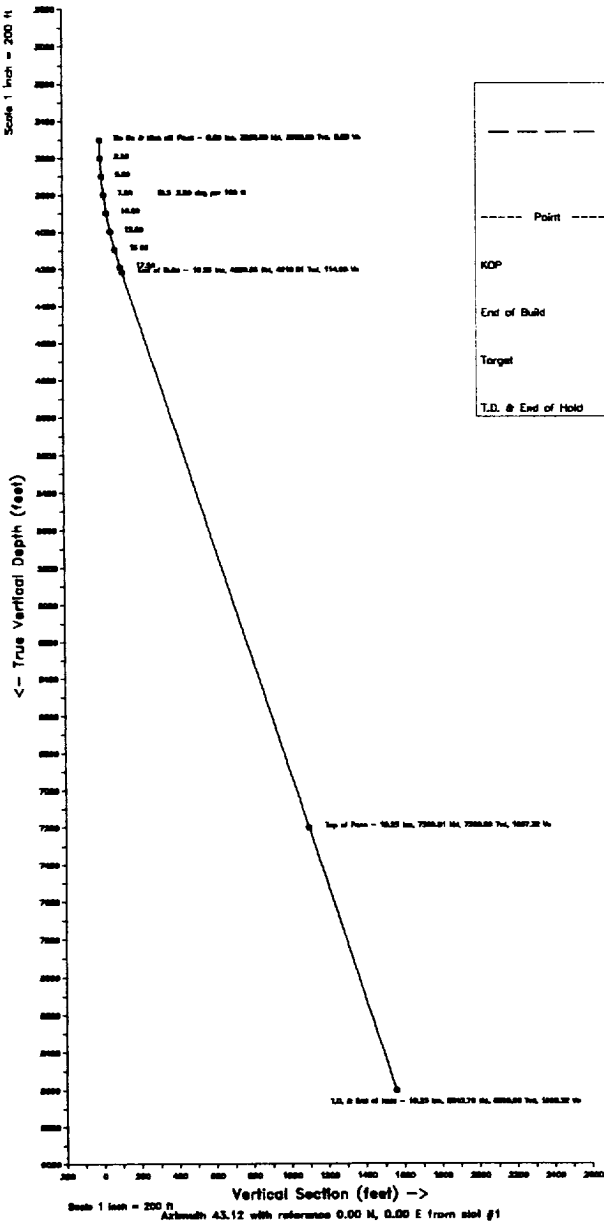
Structure : Indian Hill Well No.22 Slot : slot #1
Field : Indian Location : EDDY COUNTY, NM.

Coordinates are in feet reference slot #1.
True Vertical Depth is reference rotary table.
— higher INTEQ —



--- WELL PROFILE DATA ---

Point	MD	Inc	Dk	TVD	North	East	V. Sect	Dep/100
KOP	3500.00	0.00	43.12	3500.00	0.00	0.00	0.00	0.00
End of Build	4229.05	16.23	43.12	4216.81	83.93	78.59	114.96	2.50
Target	7369.81	16.23	43.12	7200.00	801.00	750.00	1097.32	0.00
T.D. @ End of Hole	8643.76	16.23	43.12	8600.00	1137.52	1065.09	1566.32	0.00



INTEQ

Approved By: _____
Title: _____
Date: _____

RECEIVED

MAY 30 2009

BLM
NORTH

MARATHON OIL COMPANY
Indian Hills Unit No.22, slot #1
Indian Basin, EDDY COUNTY, NM.

PROPOSAL LISTING Page 1
Your ref : 2.5 Deg BUR
Last revised : 25-May-2000

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert Depth	R E C T A N G U L A R C O O R D I N A T E S	Dogleg Deg/100ft	Vert Sect
500.00	0.00	43.12	3500.00	0.00 N	0.00	0.00
600.00	2.50	43.12	3599.97	1.59 N	2.50	2.18
700.00	5.00	43.12	3699.75	6.37 N	2.50	8.72
800.00	7.50	43.12	3799.14	14.31 N	2.50	19.61
900.00	10.00	43.12	3897.97	25.42 N	2.50	34.82
000.00	12.50	43.12	3996.04	39.66 N	2.50	54.33
100.00	15.00	43.12	4093.17	57.00 N	2.50	78.09
200.00	17.50	43.12	4189.17	77.43 N	2.50	106.07
229.05	18.23	43.12	4216.81	83.93 N	2.50	114.98
500.00	18.23	43.12	4474.17	145.79 N	0.00	199.73
000.00	18.23	43.12	4949.09	259.95 N	0.00	356.11
500.00	18.23	43.12	5424.00	374.10 N	0.00	512.50
000.00	18.23	43.12	5898.92	488.26 N	0.00	668.88
500.00	18.23	43.12	6373.83	602.41 N	0.00	825.27
000.00	18.23	43.12	6848.75	716.57 N	0.00	981.65
369.81	18.23	43.12	7200.00	801.00 N	0.00	1097.32 Top of Penn
500.00	18.23	43.12	7323.66	830.72 N	0.00	1138.04
000.00	18.23	43.12	7798.57	944.88 N	0.00	1294.42

All data is in feet unless otherwise stated.
Coordinates from slot #1 and TVD from rotary table.
Bottom hole distance is 1558.32 on azimuth 43.12 degrees from wellhead.
Vertical section is from N 0.00 E 0.00 on azimuth 43.12 degrees.

Calculation uses the minimum curvature method.
Presented by Baker Hughes INTEQ