

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

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.

5. Lease Serial No.

NM-07260

6. If Indian, Allottee or Tribe Name

N/A

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

8. Well Name and No.

Indian Hills Unit # 29

9. API Well No.

30-015-31502

10. Field and Pool, or Exploratory Area
Indian Basin U. Penn. Assoc.

11. County or Parish, State

Eddy N.M.

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)

Sec. 33, T-21-S, R-24-E

SHL @ 2706' FNL & 1420' FEL, Lot # 7, BHL @ 1837' FSL & 2309' FEL Lot

10

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.)

Marathon Oil Co. is proposing to change from a straight hole Upper Penn. Assoc. target to a Directional Upper Penn. Assoc. target.
Please see attached directional survey identifying targets.

The casing and cement design will stay the same as original APD reflects.

A new C-102 is attached showing new SHL calls.

The North call should have been in Lot # 7 to necessitate the SHL to be 10' off of the center section line. New calls are 2706' FNL & 1420' FEL.

New BHL calls are Lot # 10 Sec. 33, T-21-S, R-24-E, 1837' FSL & 2309' FEL
Dedicated Acres 320 S/2

A new C-102 dedication plat is attached.

The original c-102 showed a standup 320 acre E/2 dedication.

The new c-102 will show a 320 acre lay down S/2. dedication.

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

Jerry Fletcher

Title

Engineer Tech.

Date 11-03-00

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, 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.



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

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

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

DISTRICT IV
P.O. Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
		Indian Basin Upper Penn. Assoc.
Property Code	Property Name	Well Number
	INDIAN HILLS UNIT	29
OGRID No.	Operator Name	Elevation
14021	MARATHON OIL COMPANY	4055

Surface Location

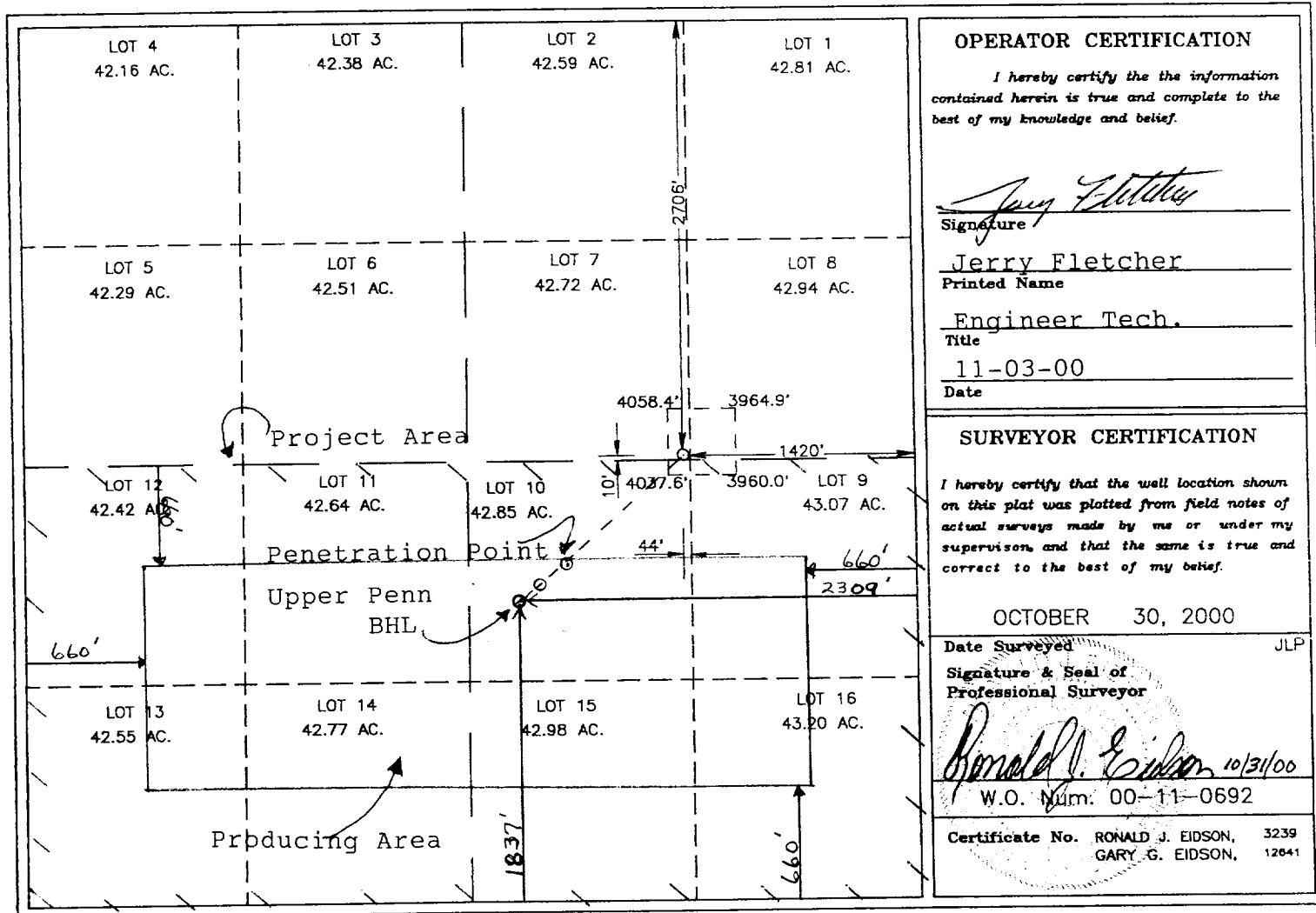
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
LOT 7	33	21 S	24 E		2706	NORTH	1420	EAST	EDDY

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
LOT 10	33	21 S	24 E		1837	SOUTH	2309	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320 S/2			

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



MARATHON OIL COMPANY

Structure : Indian Hills Unit No. 29

Slot : slot #1

Field : Indian Basin

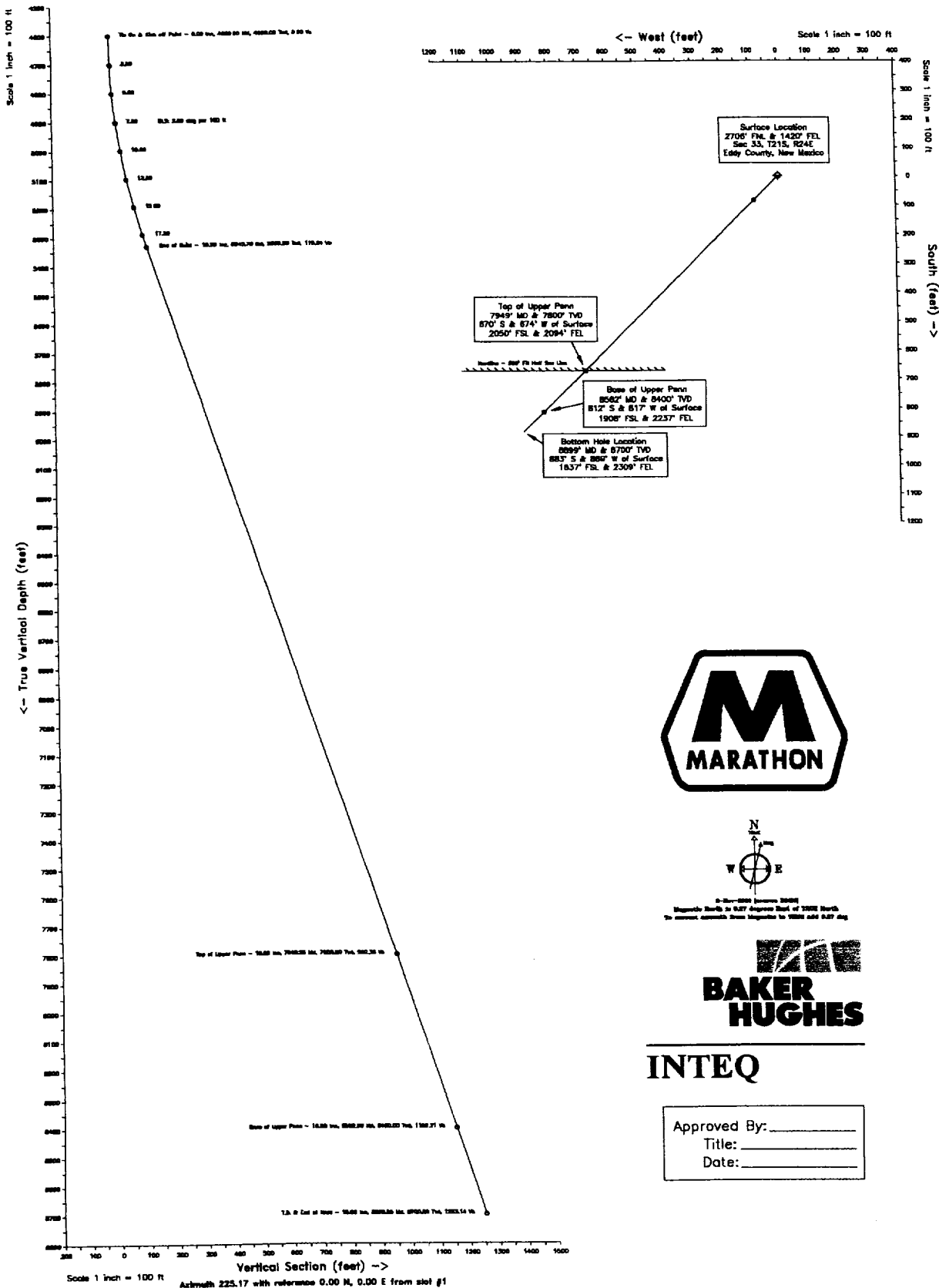
Location : EDDY COUNTY, NM.

Date plotted : 2-Nov-2000
Plot Reference is 2.5 Deg BUL.
Coordinates are in feet reference slot #1.
True Vertical Depth are reference rotary table.

--- Baker Hughes INTEQ ---

WELL PROFILE DATA

Point	MD	Inc	Dir	TVD	North	East	V. Sect	Deg/100
KOP	4600.00	0.00	225.17	4600.00	0.00	0.00	0.00	0.00
End of Build	5343.78	18.59	225.17	5330.80	-84.34	-84.85	119.64	2.50
Target	7948.98	18.59	225.17	7800.00	-670.00	-674.00	950.36	0.00
End of Hold	8582.03	18.59	225.17	8400.00	-812.31	-817.16	1152.21	0.00
T.D. & End of Hold	8898.55	18.59	225.17	8700.00	-883.47	-888.74	1253.14	0.00



MARATHON OIL COMPANY
Indian Hills Unit No. 29

slot #1
Indian Basin
EDDY COUNTY, NM.

P R O P O S A L L I S T I N G

by
Baker Hughes INTEQ

Your ref : 2.5 Deg BUR
Our ref : prop2610
License :

Date printed : 2-Nov-2000
Date created : 2-Nov-2000
Last revised : 2-Nov-2000

Field is centred on n32 30 0.000,w104 30 0
Structure is centred on n32 30 0.000,w104 30 0

Slot location is n32 30 0.000,w104 30 0.000
Slot Grid coordinates are N 545652.918, E 448616.515
Slot local coordinates are 0.00 N 0.00 E

Projection type: mercator - New Mexico East (3001), Spheroid: Clarke - 1866

Reference North is True North

MARATHON OIL COMPANY

Indian Hills Unit No. 29, slot #1
Indian Basin, EDDY COUNTY, NM.

PROPOSAL LISTING Page 1
Your ref : 2.5 Deg BUR
Last revised : 2-Nov-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
4600.00	0.00	225.17	4600.00	0.00 E	0.00	0.00
4700.00	2.50	225.17	4699.97	1.54 S	2.50	2.18
4800.00	5.00	225.17	4799.75	6.15 S	2.50	8.72
4900.00	7.50	225.17	4899.14	13.82 S	2.50	19.61
5000.00	10.00	225.17	4997.97	24.55 S	2.50	34.82
5100.00	12.50	225.17	5096.04	38.30 S	2.50	54.33
5200.00	15.00	225.17	5193.17	55.05 S	2.50	78.09
5300.00	17.50	225.17	5289.17	74.78 S	2.50	106.07
5343.78	18.59	225.17	5330.80	84.34 S	2.50	119.64
5500.00	18.59	225.17	5478.86	119.46 S	0.00	169.45
6000.00	18.59	225.17	5952.76	231.86 S	0.00	328.88
6500.00	18.59	225.17	6426.66	344.26 S	0.00	488.32
7000.00	18.59	225.17	6900.56	456.67 S	0.00	647.75
7500.00	18.59	225.17	7374.45	569.07 S	0.00	807.19
7948.98	18.59	225.17	7800.00	670.00 S	0.00	950.36
8000.00	18.59	225.17	7848.35	681.47 S	0.00	966.62
8500.00	18.59	225.17	8322.25	793.87 S	0.00	1126.06
8582.03	18.59	225.17	8400.00	812.31 S	0.00	1152.21
8898.55	18.59	225.17	8700.00	883.47 S	0.00	1253.14

Top of Upper Penn

Base of Upper Penn

All data is in feet unless otherwise stated.

Coordinates from slot #1 and TVD from rotary table.

Bottom hole distance is 1253.14 on azimuth 225.17 degrees from wellhead.

Vertical section is from wellhead on azimuth 225.17 degrees.

Calculation uses the minimum curvature method.

Presented by Baker Hughes INTEQ

MARATHON OIL COMPANY
Indian Hills Unit No. 29, slot #1
Indian Basin, EDDY COUNTY, NM.

PROPOSAL LISTING Page 2
Your ref : 2.5 Deg BUR
Last revised : 2-Nov-2000

Comments in wellpath
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MD	TVD	Rectangular Coords.	Comment
7948.98	7800.00	670.00 S 674.00 W	Top of Upper Penn
8582.03	8400.00	812.31 S 817.16 W	Base of Upper Penn

Targets associated with this wellpath
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Target name	Geographic Location	T.V.D.	Rectangular Coordinates	Revised
		7800.00	670.00S 674.00W	2-Nov-2000