

NMOC

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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.

JUL 29 2004

COPIES

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

5. Lease Serial No.
NMNM07260
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No.
NMNM70964A
8. Well Name and No.
INDIAN HILLS UNIT 8
9. API Well No.
30-015-28590-00-S1
10. Field and Pool, or Exploratory
INDIAN BASIN UPPER PENN ASS
11. County or Parish, and State
EDDY COUNTY, NM

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other
2. Name of Operator
MARATHON OIL COMPANY
- Contact: MIKE MICK
E-Mail: mfmick@marathonoil.com
- 3a. Address
P O BOX 3128
HOUSTON, TX 77253
- 3b. Phone No. (include area code)
Ph: 713.629.6600 Ext: 3254
Fx: 713.499.6748
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 33 T21S R24E SESW 1182FSL 1545FWL

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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 site is ready for final inspection.)

Marathon has revised Directional plan to ensure well is in a standard producing area(660'from outer lines and 330' from interior interior lines). Attached new C-102 and directional plans.

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

Electronic Submission #33572 verified by the BLM Well Information System
For MARATHON OIL COMPANY, sent to the Carlsbad
Committed to AFMSS for processing by ARMANDO LOPEZ on 07/27/2004 (04AL0290SE)

Name (Printed/Typed) MIKE MICK

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 07/26/2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By **ACCEPTED**

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 Carlsbad

ALEXIS C SWOBODA
Title PETROLEUM ENGINEER

Date 07/27/2004

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

P.O. Box 1960, Hobbs, NM 88241-1960

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102

Revised February 10, 1984

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

DISTRICT II

P.O. Drawer 88, Artesia, NM 88211-0088

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT III

1000 Rio Brazos Rd., Artec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Name
30-015-28590	33685'	INDIAN BASIN U. PENN ASSOC.
Property Code	Property Name	Well Number
6409	INDIAN HILLS UNIT	8
OGRID No.	Operator Name	Elevation
014021	MARATHON OIL COMPANY	4090'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
14	33	21-S	24-E		1182'	SOUTH	1545'	WEST	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
14	33	21-S	24-E		850'	SOUTH	2300'	WEST	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

LOT 4 42.16 AC	LOT 3 42.38 AC	LOT 2 42.59 AC	LOT 1 42.81 AC
RECEIVED JUL 29 2004 OCB-ARTESIA			
LOT 5 42.29 AC	LOT 6 42.51 AC GEODETIC COORDINATES NAD 27 NME SURF. Y=520750.9 N X=446377.3 E	LOT 7 42.72 AC	LOT 8 42.94 AC
LAT.=32°25'53.54" N LONG.=104°30'25.67" W			
LOT 12 42.42 AC	LOT 11 42.84 AC	LOT 10 42.85 AC	LOT 9 43.07 AC
IHU #43 IHU #29 Standard Producing Area B.H. Y=520330.4 N X=447260.5 E IHU #11			
LOT 13 42.55 AC	LOT 14 42.77 AC	LOT 15 42.98 AC	LOT 16 43.20 AC

OPERATOR CERTIFICATION

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

Mike Mick

Signature

Mike Mick

Printed Name

Adv. Sr. Eng. Tech.

Title

7-26-04

Date

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.

JUNE 13, 1995

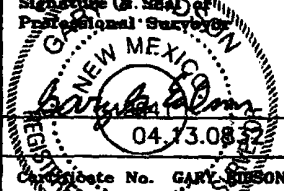
Date Surveyed

REV: 07/22/04 JR

Signature

GARY E. JOHNSON

Professional Surveyor



7/22/04

04.73.08.32

Substrate No. GARY JOHNSON 12641

REGISTERED PROFESSIONAL

Created by adryann
 Date plotted : 22-Jul-2004
 Plot Reference is Pin 1.
 Coordinates are in feet reference slot #1.
 True Vertical Depths are reference rotary table.

--- Baker Hughes INTEQ ---

Marathon Oil Company

Structure : IHU 8

Slot : slot #1

Field : Indian Basin

Location : EDDY COUNTY, NM.

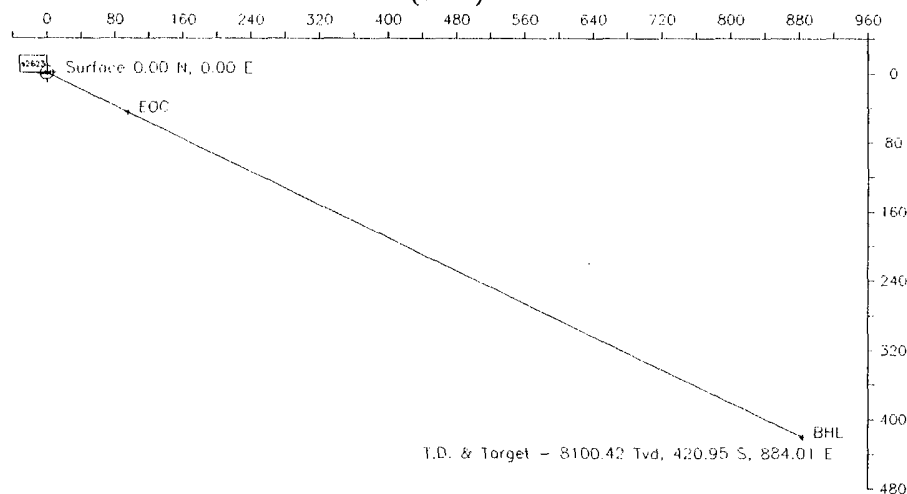


INTEQ

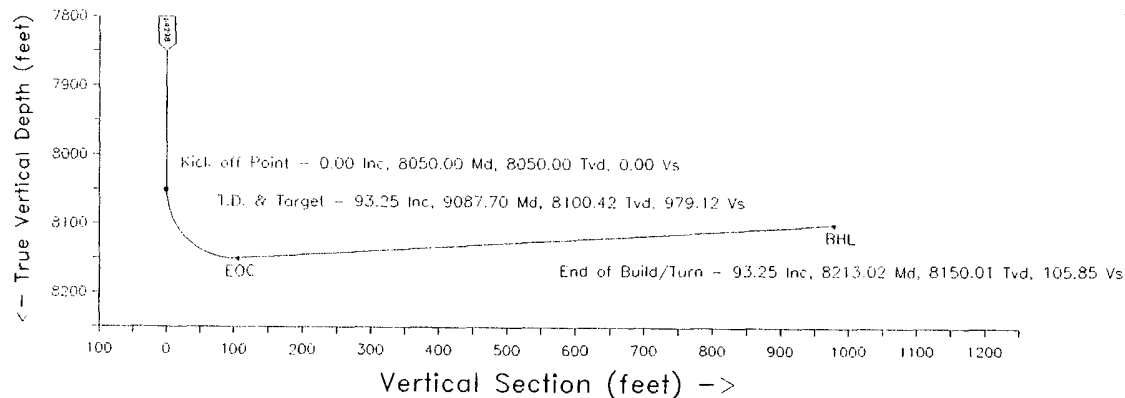
WELL PROFILE DATA

Point	Md	Inc	Dir	Tvd	North	East	V. Sect	Deg/100
tie on	0.00	0.00	115.46	0.00	0.00	0.00	0.00	0.00
KOP	8050.00	0.00	115.46	8050.00	0.00	0.00	0.00	0.00
End of Build/Turn	8213.02	93.25	115.46	8150.01	-45.51	95.57	105.85	57.20
T.D. & Target BHL	9087.70	93.25	115.46	8100.42	-420.95	884.01	979.12	0.00

East (feet) ->



20-Jun-2004 (revise NGM 2003)
 Magnetic North is 8.84 degrees East of True North
 GRID North is 0.00 degrees West of True North
 To correct azimuth from True to GRID add 0.00 deg
 To correct azimuth from Magnetic to GRID add 8.84 deg



Azimuth 115.46 with reference 0.00 N, 0.00 E from slot #1

Marathon Oil Company
IHU 8

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 : Pln 1
Our ref : prop4298
License :

Date printed : 22-Jul-2004
Date created : 28-Jun-2004
Last revised : 22-Jul-2004

Field is centred on n32 30 0.000,w104 30 0
Structure is centred on 446536.000,520751.100,999.00000,N

Slot location is n32 25 53.540,w104 30 23.822
Slot Grid coordinates are N 520751.100, E 446536.000
Slot local coordinates are 0.00 N 0.00 E

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

Reference North is Grid North

Marathon Oil Company
IHU 8,slot #1
Indian Basin,EDDY COUNTY, NM.

PROPOSAL LISTING Page 1
Your ref : Pln 1
Last revised : 22-Jul-2004

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	G R I D Easting	C O O R D S Northing
0.00	0.00	115.46	0.00	0.00N	0.00E	0.00	446536.00	520751.10
100.00	0.00	115.46	100.00	0.00S	0.00E	0.00	446536.00	520751.10
200.00	0.00	115.46	200.00	0.00S	0.00E	0.00	446536.00	520751.10
300.00	0.00	115.46	300.00	0.00S	0.00E	0.00	446536.00	520751.10
400.00	0.00	115.46	400.00	0.00S	0.00E	0.00	446536.00	520751.10
500.00	0.00	115.46	500.00	0.00S	0.00E	0.00	446536.00	520751.10
600.00	0.00	115.46	600.00	0.00S	0.00E	0.00	446536.00	520751.10
700.00	0.00	115.46	700.00	0.00S	0.00E	0.00	446536.00	520751.10
800.00	0.00	115.46	800.00	0.00S	0.00E	0.00	446536.00	520751.10
900.00	0.00	115.46	900.00	0.00S	0.00E	0.00	446536.00	520751.10
1000.00	0.00	115.46	1000.00	0.00S	0.00E	0.00	446536.00	520751.10
1100.00	0.00	115.46	1100.00	0.00S	0.00E	0.00	446536.00	520751.10
1200.00	0.00	115.46	1200.00	0.00S	0.00E	0.00	446536.00	520751.10
1300.00	0.00	115.46	1300.00	0.00S	0.00E	0.00	446536.00	520751.10
1400.00	0.00	115.46	1400.00	0.00S	0.00E	0.00	446536.00	520751.10
1500.00	0.00	115.46	1500.00	0.00S	0.00E	0.00	446536.00	520751.10
1600.00	0.00	115.46	1600.00	0.00S	0.00E	0.00	446536.00	520751.10
1700.00	0.00	115.46	1700.00	0.00S	0.00E	0.00	446536.00	520751.10
1800.00	0.00	115.46	1800.00	0.00S	0.00E	0.00	446536.00	520751.10
1900.00	0.00	115.46	1900.00	0.00S	0.00E	0.00	446536.00	520751.10
2000.00	0.00	115.46	2000.00	0.00S	0.00E	0.00	446536.00	520751.10
2100.00	0.00	115.46	2100.00	0.00S	0.00E	0.00	446536.00	520751.10
2200.00	0.00	115.46	2200.00	0.00S	0.00E	0.00	446536.00	520751.10
2300.00	0.00	115.46	2300.00	0.00S	0.00E	0.00	446536.00	520751.10
2400.00	0.00	115.46	2400.00	0.00S	0.00E	0.00	446536.00	520751.10
2500.00	0.00	115.46	2500.00	0.00S	0.00E	0.00	446536.00	520751.10
2600.00	0.00	115.46	2600.00	0.00S	0.00E	0.00	446536.00	520751.10
2700.00	0.00	115.46	2700.00	0.00S	0.00E	0.00	446536.00	520751.10
2800.00	0.00	115.46	2800.00	0.00S	0.00E	0.00	446536.00	520751.10

[illegible]

6400.00	0.00	115.46	6400.00	0.00S	0.00E	0.00	0.00	446536.00	520751.10
6500.00	0.00	115.46	6500.00	0.00S	0.00E	0.00	0.00	446536.00	520751.10
6600.00	0.00	115.46	6600.00	0.00S	0.00E	0.00	0.00	446536.00	520751.10
6700.00	0.00	115.46	6700.00	0.00S	0.00E	0.00	0.00	446536.00	520751.10
6800.00	0.00	115.46	6800.00	0.00S	0.00E	0.00	0.00	446536.00	520751.10
6900.00	0.00	115.46	6900.00	0.00S	0.00E	0.00	0.00	446536.00	520751.10
7000.00	0.00	115.46	7000.00	0.00S	0.00E	0.00	0.00	446536.00	520751.10
7100.00	0.00	115.46	7100.00	0.00S	0.00E	0.00	0.00	446536.00	520751.10
7200.00	0.00	115.46	7200.00	0.00S	0.00E	0.00	0.00	446536.00	520751.10
7300.00	0.00	115.46	7300.00	0.00S	0.00E	0.00	0.00	446536.00	520751.10
7400.00	0.00	115.46	7400.00	0.00S	0.00E	0.00	0.00	446536.00	520751.10
7500.00	0.00	115.46	7500.00	0.00S	0.00E	0.00	0.00	446536.00	520751.10
7600.00	0.00	115.46	7600.00	0.00S	0.00E	0.00	0.00	446536.00	520751.10
7700.00	0.00	115.46	7700.00	0.00S	0.00E	0.00	0.00	446536.00	520751.10
7800.00	0.00	115.46	7800.00	0.00S	0.00E	0.00	0.00	446536.00	520751.10
7900.00	0.00	115.46	7900.00	0.00S	0.00E	0.00	0.00	446536.00	520751.10
8000.00	0.00	115.46	8000.00	0.00S	0.00E	0.00	0.00	446536.00	520751.10
8050.00	0.00	115.46	8050.00	0.00S	0.00E	0.00	0.00	446536.00	520751.10
8100.00	28.60	115.46	8097.95	5.26S	11.04E	57.20	12.23	446547.04	520745.84
8200.00	85.80	115.46	8149.90	39.91S	83.82E	57.20	92.84	446619.82	520711.19
8213.02	93.25	115.46	8150.01	45.51S	95.57E	57.20	105.85	446631.57	520705.59
8500.00	93.25	115.46	8133.74	168.69S	354.25E	0.00	392.36	446890.25	520582.41
9000.00	93.25	115.46	8105.39	383.31S	804.96E	0.00	891.56	447340.96	520367.79
9087.70	93.25	115.46	8100.42	420.95S	884.01E	0.00	979.12	447420.01	520330.15

All data in feet unless otherwise stated. Calculation uses minimum curvature method.

Coordinates from slot #1 and TVD from rotary table.

Bottom hole distance is 979.12 on azimuth 115.46 degrees from wellhead.

Vertical section is from N 0.00 E 0.00 on azimuth 115.46 degrees.

Grid is mercator - New Mexico East (3001).

Grid coordinates in FEET and computed using the Clarke - 1866 spheroid

Presented by Baker Hughes INTEQ

Marathon Oil Company
IHU 8,slot #1
Indian Basin,EDDY COUNTY, NM.

PROPOSAL LISTING Page 3
Your ref : Pln 1
Last revised : 22-Jul-2004

				Comments in wellpath
				=====
MD	TVD	Rectangular Coords.		Comment

9087.70	8100.42	420.95S	884.01E	BHL

Targets associated with this wellpath				
=====				
Target name	Geographic Location	T.V.D.	Rectangular Coordinates	Revised

BHL		8100.42	420.95S	884.01E 28-Jun-2004
EOC		8150.00	45.51S	95.56E 28-Jun-2004