

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

Oil Cons.
N.M. DIV-Dist. 2
1301 W. Grand Avenue
Alamogordo, NM 88210

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)
915-687-8360

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SHL @ U.L. "J" Sec. 29, T-21-S, R-24-E 2316' FSL & 2004' FEL
BHL @ U.L. "P" Sec. 29, T-21-S, R-24-E 700' FSL & 700' FEL

5. Lease Serial No.

NM-0330449

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA/Agreement, Name and/or No.
Indian Hills Unit Gas Com

8. Well Name and No.
Indian Hills Unit #47
Gas Com.

9. API Well No.
30-015-32536

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

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 | ☐ Deepen | ☐ Production (Start/Resume) | ☐ Water Shut-Off |
| ☐ Alter Casing | ☐ Fracture Treat | ☐ Reclamation | ☐ Well Integrity |
| ☐ 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 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.)

Please find attached NEW directional plan from Baker Inteq. This plan replaces the April 2002 directional plan sent in with the APD. BHL will still be Standard for the Upper Perm. Assoc. Gas Pool.

ACCEPTED FOR RECORD

FEB - 3 2003

ALEXIS C. SWOBODA
PETROLEUM ENGINEER

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

Jerry Fletcher

Title

Engineer Tech.

Date 1/29/03

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.

Marathon Oil Company

Structure : Indian Hills Unit 47

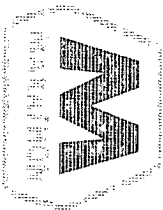
Field : INDIAN BASIN

Location : Eddy County New Mexico

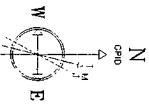
WELL PROFILE DATA

Point	MD	Inc	Dip	TVD	North	East	V. Sect	Deq/100
On	0.00	0.00	175.57	0.00	0.00	0.00	0.00	0.00
KOP	2500.00	0.00	175.57	2500.00	0.00	0.00	0.00	0.00
End of Build	3178.81	16.97	175.57	3168.93	-99.50	7.71	99.79	2.50
T.D. & Target TD	8438.93	16.97	175.57	8200.00	-1630.79	146.40	1635.09	0.00

Created By: Kellym
Date plotted: 28-Jan-2003
Plot Reference is PU 20U DH/RH.
Coordinates are in text reference slot #1.
True Vertical Depths are reference rotary table.
--- Baker Hughes INTG ---



Kick off Point - 0.00 Inc, 2500.00 Md, 2500.00 Tvd, 0.00 Vs
2.50
5.00
7.50
10.00
12.50
15.00
DLS: 2.50 deg per 100 ft
End of Build - 16.97 Inc, 3178.81 Md, 3168.93 Tvd, 99.79 Vs



27-Jan-2003 (Source: BGM)
Magnetic North is 9.00 degrees East of True North
GRID North is 9.00 degrees East of True North
To convert from Magnetic to GRID add 9.00 deg
To convert from GRID to Magnetic subtract 9.00 deg



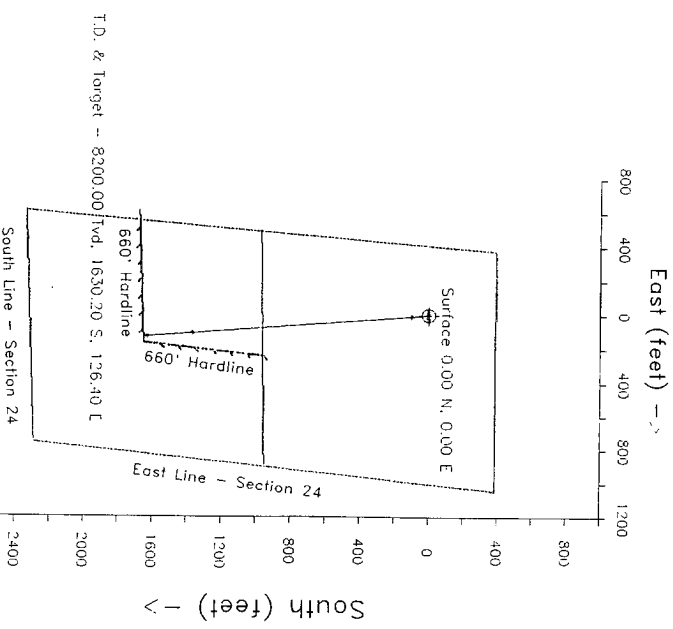
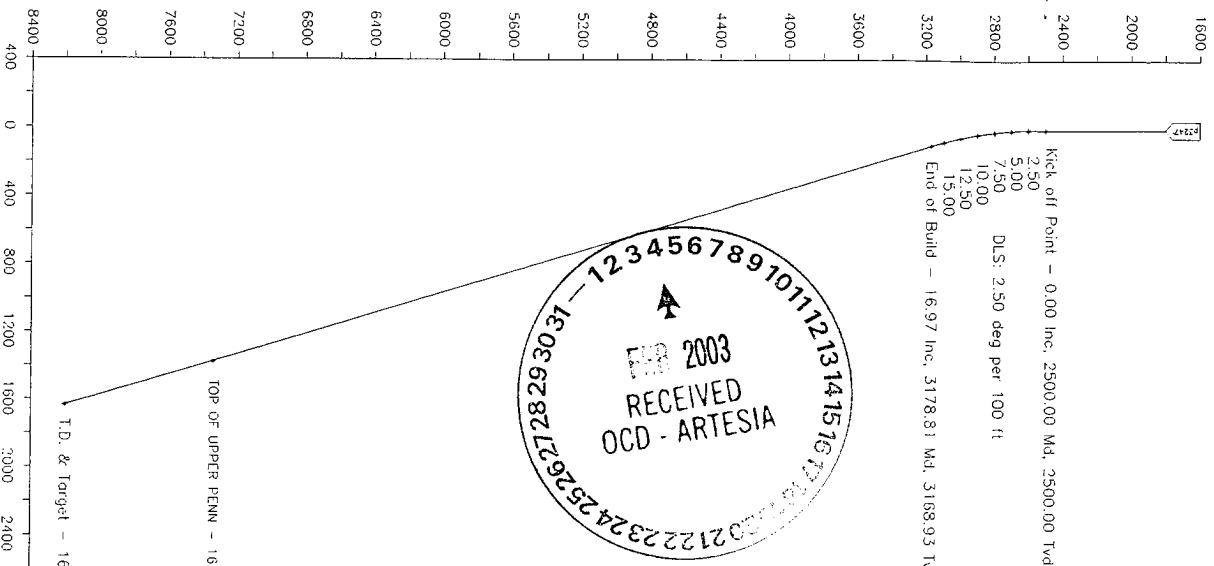
STRUCTURE SET-UP REFERENCE

LAT: 32 26 52.418 N
LONG: 101 30 51.213 W
X= 444173.5 Y= 527709.6

PROJECTION: MERCATOR
Mercator Zone: 18N 18E 18G East
Spheroid Used: Spheroid 18E 18G
Data Source: BGM

Dip Angle: 61.43 deg
Field Strength: 489.55 nT

< - True Vertical Depth (feet)



PROPOSED BHL
1635.09' ON AZI 175.57 DEGS
FROM SURFACE LOCATION
M.D: 8438.93' T.V.D: 8200.00'
S- 1630.20' E- 126.40'
X= 444299.9 Y= 525579.6



INTG

Marathon Oil Company
Indian Hills Unit 47

slot #1
INDIAN BASIN
Eddy County New Mexico

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

by
Baker Hughes INTEQ

Your ref : P0 2DJ DH/RH
Our ref : prop3247
License :

Date printed : 28-Jan-2003
Date created : 17-Apr-2002
Last revised : 27-Jan-2003

Field is centred on n32 30 0.000,w104 30 0
Structure is centred on 444173.500,527209.800,999.00000,N

Slot location is n32 26 57.416,w104 30 51.515
Slot Grid coordinates are N 527209.800, E 444173.500
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
Indian Hills Unit 47, slot #1
INDIAN BASIN, Eddy County New Mexico

PROPOSAL LISTING Page 1
Your ref : P0 2DJ DH/RH
Last revised : 27-Jan-2003

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	175.57	0.00	0.00N	0.00	0.00	444173.50	527209.80
500.00	0.00	175.57	500.00	0.00N	0.00	0.00	444173.50	527209.80
1000.00	0.00	175.57	1000.00	0.00N	0.00	0.00	444173.50	527209.80
1500.00	0.00	175.57	1500.00	0.00N	0.00	0.00	444173.50	527209.80
2000.00	0.00	175.57	2000.00	0.00N	0.00	0.00	444173.50	527209.80
2500.00	0.00	175.57	2500.00	0.00N	0.00	0.00	444173.50	527209.80
2600.00	2.50	175.57	2599.97	2.17S	2.50	2.18	444173.67	527207.63
2700.00	5.00	175.57	2699.75	8.70S	2.50	8.72	444174.17	527201.10
2800.00	7.50	175.57	2799.14	19.55S	2.50	19.61	444175.02	527190.25
2900.00	10.00	175.57	2897.97	34.71S	2.50	34.82	444176.19	527175.09
3000.00	12.50	175.57	2996.04	54.16S	2.50	54.33	444177.70	527155.64
3100.00	15.00	175.57	3093.17	77.86S	2.50	78.09	444179.54	527131.94
3178.81	16.97	175.57	3168.93	99.50S	2.50	99.79	444181.21	527110.30
3500.00	16.97	175.57	3476.13	192.96S	0.00	193.54	444188.46	527016.84
4000.00	16.97	175.57	3954.36	338.46S	0.00	339.48	444199.74	526871.34
4500.00	16.97	175.57	4432.59	483.96S	0.00	485.42	444211.02	526725.84
5000.00	16.97	175.57	4910.82	629.47S	0.00	631.36	444222.31	526580.33
5500.00	16.97	175.57	5389.05	774.97S	0.00	777.29	444233.59	526434.83
6000.00	16.97	175.57	5867.27	920.47S	0.00	923.23	444244.87	526289.33
6500.00	16.97	175.57	6345.50	1065.97S	0.00	1069.17	444256.15	526143.83
7000.00	16.97	175.57	6823.73	1211.47S	0.00	1215.11	444267.43	525998.33
7500.00	16.97	175.57	7301.96	1356.97S	0.00	1361.04	444278.71	525852.83
7539.77	16.97	175.57	7340.00	1368.54S	0.00	1372.65	444279.61	525841.26
8000.00	16.97	175.57	7780.19	1502.47S	0.00	1506.98	444290.00	525707.33
8438.93	16.97	175.57	8200.00	1630.20S	0.00	1635.09	444299.90	525579.60

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 1635.09 on azimuth 175.57 degrees from wellhead.

Vertical section is from N 0.00 E 0.00 on azimuth 175.57 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
Indian Hills Unit 47, slot #1
INDIAN BASIN, Eddy County New Mexico

PROPOSAL LISTING Page 2
Your ref : P0 2DJ DH/RH
Last revised : 27-Jan-2003

Comments in wellpath
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MD	TVD	Rectangular Coords.	Comment
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7539.77	7340.00	1368.54S	106.11E TOP OF UPPER PENN
8438.93	8200.00	1630.20S	126.40E TD

Targets associated with this wellpath

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Target name	Geographic Location	T.V.D.	Rectangular Coordinates	Revised
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TD	444299.900, 525579.600, 0.00000	8200.00	1630.20S	126.40E 27-Jan-2003
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