

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 87240
District II
811 South First, Artesia, NM 87210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised March 25, 1999

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

WELL API NO. 30-015-32530
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: Indian Hills Unit
8. Well No. 50
9. Pool name or Wildcat Indian Basin Upper Penn. Assoc.

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

4. Well Location
Unit Letter **"K"** : **1821'** feet from the **South** line and **2092'** feet from the **West** line
Section **16** Township **21-S** Range **24-E** NMPM County **Eddy**

10. Elevation (Show whether DR, RKB, RT, GR, etc.)
4118'

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 ☐ MULTIPLE COMPLETION ☐

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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

Marathon Oil Company is planning to side track the Indian Indian Hills Unit # 50. Marathon is setting a 125 sack plug above the Upper Penn. top, then coming up to 4000' and set a 250 sack kick off plug. We intend to side track this well to the South and West with a bottom hole location to be standard within the 660' set back from the outer boundary of the unit. BHL target located 700' FSL & 1550' FWL of Section 16, T-21-S, R-24-E. Please find the attached directional survey provided by Baker Inteq.

Called the OCD @ 12:30AM 1/7/03, talked to Phil Hawkins about Marathon's Intentions and they were OK'd.

Bayer
Narayan

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

SIGNATURE *Jerry Fletcher* TITLE Engineer Tech. DATE 1/7/03

Type or print name Jerry Fletcher Telephone No. 915-687-8360

(This space for State use) **ORIGINAL SIGNED BY TIM W. GUM**
DISTRICT IV SUPERVISOR

APPROVED BY _____ TITLE _____ DATE **FEB 18 2003**
Conditions of approval, if any:



Marathon Oil Company
INDIAN HILLS UNIT NO.50

slot #1
INDIAN BASIN
Eddy County New Mexico

PROPOSAL LISTING

by
Baker Hughes INTEQ

Your ref : PLAN NO.1 2DJ FEB7
Our ref : prop3698
License :

Date printed : 7-Feb-2003
Date created : 7-Feb-2003
Last revised : 7-Feb-2003

Field is centred on n32 30 0.000,w104 30 0
Structure is centred on 537185.500,446929.600,999.00000,N

Slot location is n32 13 43.210,w104 12 47.083
Slot Grid coordinates are N 446929.600, E 537185.500
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 NO.50,slot #1
INDIAN BASIN,Eddy County New Mexico

PROPOSAL LISTING Page 1
Your ref : PLAN NO.1 2DJ FEB7
Last revised : 7-Feb-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
3950.00	0.00	205.62	3950.00	0.00N	0.00E	0.00	0.00	537185.50	446929.60
4050.00	2.50	205.62	4049.97	1.97S	0.94W	2.50	2.18	537184.56	446927.63
4150.00	5.00	205.62	4149.75	7.86S	3.77W	2.50	8.72	537181.73	446921.74
4250.00	7.50	205.62	4249.14	17.68S	8.48W	2.50	19.61	537177.02	446911.92
4350.00	10.00	205.62	4347.97	31.39S	15.06W	2.50	34.82	537170.44	446898.21
4450.00	12.50	205.62	4446.04	48.98S	23.49W	2.50	54.33	537162.01	446880.62
4550.00	15.00	205.62	4543.17	70.41S	33.77W	2.50	78.09	537151.73	446859.19
4601.80	16.30	205.62	4593.05	83.01S	39.81W	2.50	92.06	537145.69	446846.59
5000.00	16.30	205.62	4975.25	183.75S	88.12W	0.00	203.79	537097.38	446745.85
5500.00	16.30	205.62	5455.17	310.25S	148.79W	0.00	344.08	537036.71	446619.35
6000.00	16.30	205.62	5935.08	436.75S	209.45W	0.00	484.38	536976.05	446492.85
6500.00	16.30	205.62	6415.00	563.25S	270.12W	0.00	624.67	536915.38	446366.35
7000.00	16.30	205.62	6894.91	689.75S	330.78W	0.00	764.96	536854.72	446239.85
7500.00	16.30	205.62	7374.83	816.24S	391.45W	0.00	905.25	536794.05	446113.36
8000.00	16.30	205.62	7854.74	942.74S	452.11W	0.00	1045.55	536733.39	445986.86
8500.00	16.30	205.62	8334.66	1069.24S	512.78W	0.00	1185.84	536672.72	445860.36
8724.36	16.30	205.62	8550.00	1126.00S	540.00W	0.00	1248.79	536645.50	445803.60

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

Coordinates from structure and TVD from rotary table.

Bottom hole distance is 1248.79 on azimuth 205.62 degrees from wellhead.

Vertical section is from N 0.00 E 0.00 on azimuth 205.62 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 NO.50,slot #1
INDIAN BASIN,Eddy County New Mexico

PROPOSAL LISTING Page 2
Your ref : PLAN NO.1 2DJ FEB7
Last revised : 7-Feb-2003

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

8724.36	8550.00	1126.00S	540.00W	TD

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

TD		8550.00	1126.00S 540.00W	7-Feb-2003

Created by adryanm
 Date plotted : 7-Feb-2003
 Plot Reference is PLAN NO.1 2DJ FEB7.
 Coordinates are in feet reference structure.
 True Vertical Depths are reference structure.

--- Baker Hughes INTEQ ---



Marathon Oil Company

Structure : INDIAN HILLS UNIT NO.50

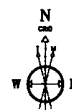
Slot : slot #1

Field : INDIAN BASIN

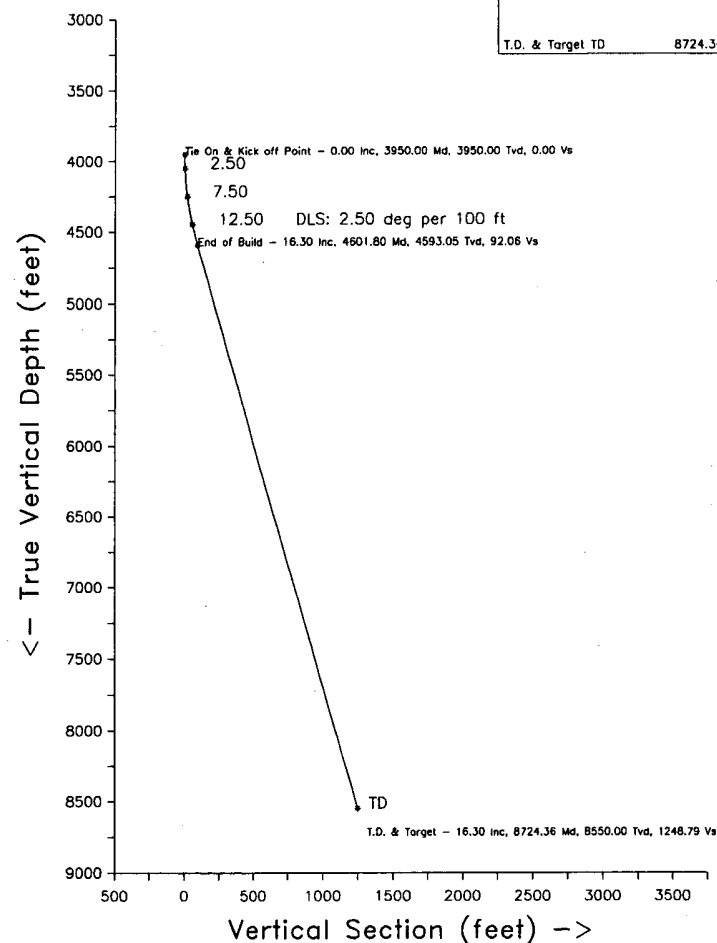
Location : Eddy County New Mexico

WELL PROFILE DATA

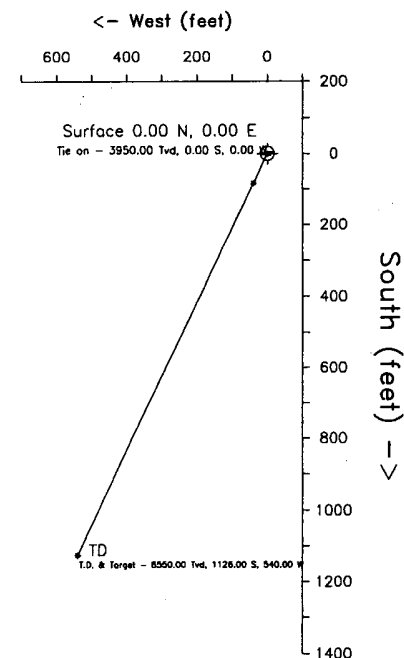
Point	MD	Inc	Dir	TVD	North	East	V. Sect	Deg/100
KOP	3950.00	0.00	205.62	3950.00	0.00	0.00	0.00	0.00
End of Build	4601.80	16.30	205.62	4593.05	-83.01	-39.81	92.06	2.50
T.D. & Target TD	8724.36	16.30	205.62	8550.00	-1126.00	-540.00	1248.79	0.00



7-Feb-2003 (Source: BGM)
 Magnetic North is 8.25 degrees East of True North
 GDS North is 0.00 degrees East of True North
 To correct azimuth from True to GDS add 8.25 deg
 To correct azimuth from Magnetic to GDS add 8.25 deg



INTEQ



STRUCTURE SET-UP REFERENCE

LAT : 32 13 43.21 N
 LONG: 104 12 47.083 W
 X= 446929.6 Y= 537185.5

PROJECTION: MERCATOR
 Mercator Zone: New Mexico East
 Spheroid Used: Clarke - 1866

Data Source: BGM
 Dip Angle: 60.27 deg
 Field Strength: 49437.22 nT