

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Div. **ist 2**
1301 W. Grand Avenue
Artesia, NM 88210

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

C/SF

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)

015-687-8300

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

Sec. 35, T-21-S, R-23-E SHL @ 2310' FNL & 1980' FEL
Eddy Co. N.M. BHL @ 2540' FNL & 660' FEL

5. Lease Serial No.

NM-06953

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Federal "C" 35 # 4

9. API Well No.

16-015-32453

10. Field and Pool, or Exploratory Area

Indian Basin U. P. 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

☐ 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 Company is planning to drill this well to a directional
Upper Penn. Assoc. BHL Target to 8400' TVD.

Please find the attached Directional plan and New C-102 Dedication plat.

This well will be drilled to the Upper Penn. target only.

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

Jerry Fletcher

Title

Engineer Tech.

Date

10/30/02

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

(ORIG. SGD.) ALEXIS C. SWOBODA

Title

PETROLEUM ENGINEER

Date

DEC 04 2002

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., Artesia, NM 87410

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

Form C-102
Revised February 10, 1984
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-32453	Pool Code 33685	Pool Name Indian Basin Upper Penn. Assoc.
Property Code	Property Name FEDERAL "C" 35	Well Number 4
OGRID No. 14021	Operator Name MARATHON OIL COMPANY	Elevation 3928'

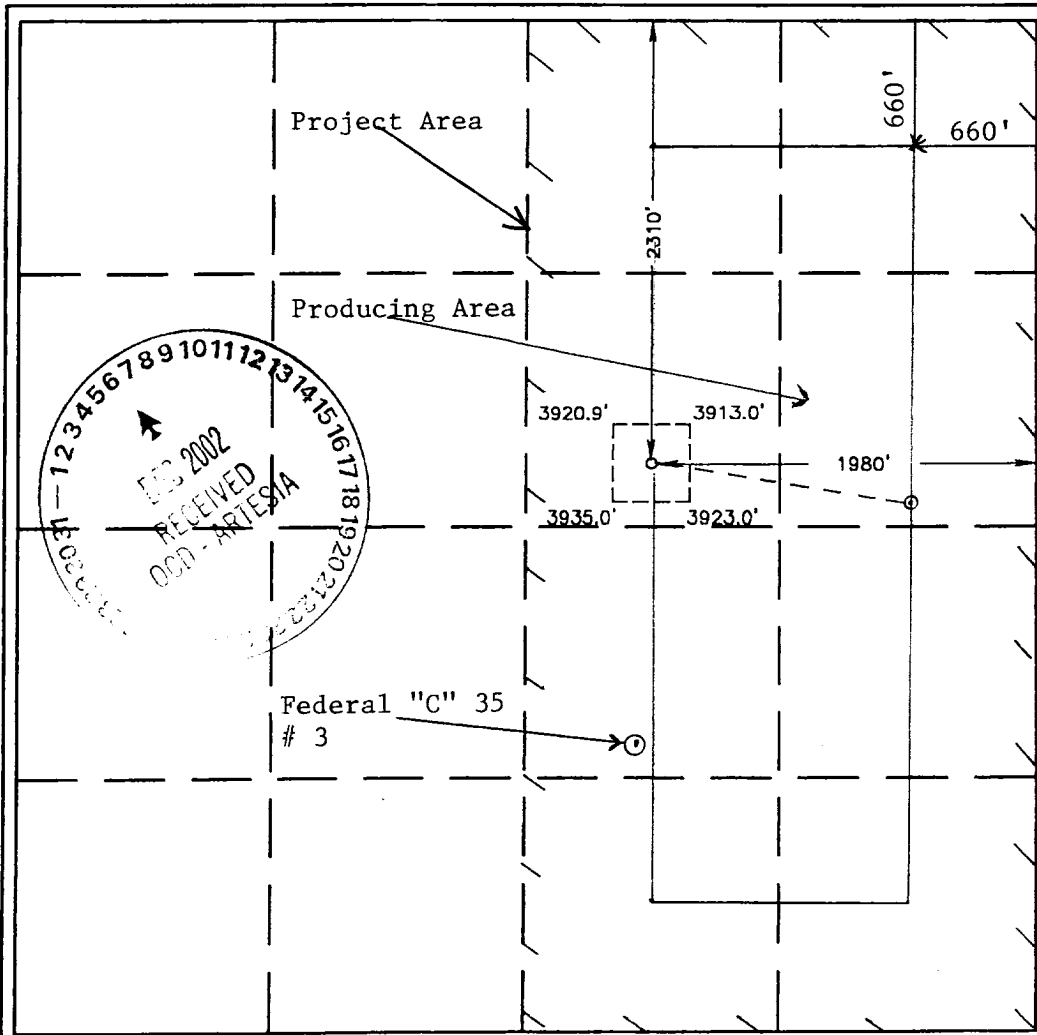
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	35	21-S	23-E		2310	NORTH	1980	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
H	35	21-S	23-E		2540	NORTH	660	EAST	EDDY
Dedicated Acres 320 E/2	Joint or Infill	Consolidation Code	Order No.						

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

	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. <i>Jerry Fletcher</i> Signature Jerry Fletcher Printed Name Engineer Tech. Title 10/31/02 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 20, 2001 Date Surveyed Signature & Seal of Professional Surveyor <i>Ronald J. Edson</i> 6/22/01 01-11-0782 Certificate No. RONALD J. EDSON 3239 GARY KIDSON 12841
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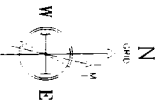
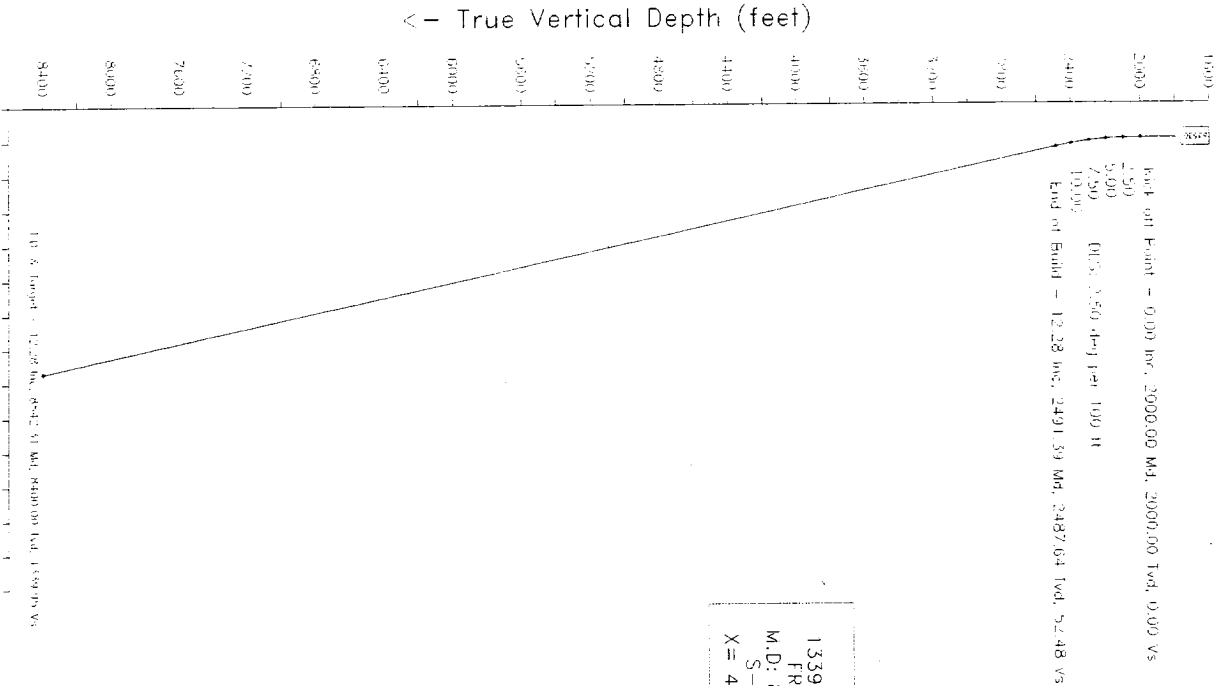
Marathon Oil Company

Structure : Fed C35 #4 Slot : slot #1
Field : INDIAN BASIN Location : Eddy County New Mexico

WELL PROFILE DATA

Point	MD	Inc	Dip	TVD	Depth	East	V. Sect	Depth
Top of Well	0.00	0.00	100.14	0.00	0.00	0.00	0.00	0.00
End of Well	2000.00	0.00	100.14	2000.00	0.00	0.00	0.00	0.00
End of Build	2491.59	12.28	100.14	2487.64	-9.24	52.48	2.90	2.90
TD & Target	8542.31	12.28	100.14	8400.00	-236.00	1319.00	139.95	0.00

PROPOSED BHL
1339.95' ON AZI 100.14 DEGS
FROM SURFACE LOCATION
M.D.: 8542.31' T.V.D.: 8400.00'
S - 236.00' E - 1319.00'
X = 428205.00 Y = 522162.00



23-04-002 (Source: BCGM)
Magnetic North is 0.13 degrees West of True North
To correct azimuth from Magnetic to GFD add 9.20 deg

STRUCTURE SET-UP REFERENCE

LAT: 36.50° N
LONG: 100.14° W
X = 428205.00 Y = 522162.00

PROJECTION: MERCATOR

Mercator Zone: 18N
Spheroid Used: BCGM
Data Source: BCGM

Dip Angle: 12.28 deg
Field Strength: 0.00 N, 0.00 E from slot #1

INTEQ

BAKER
HUGHES

Created By: Kellym
Date plotted: 12/15/2011
Plot Reference is PD 201 P11
Coordinates are in local reference slot #1
True vertical depths are reference values. Table

morfedc354
--- Baker Hughes INTEQ ---

Marathon Oil Company
Fed C35 #4

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 RH
Our ref : prop3530
License :

Date printed : 13-Nov-2002
Date created : 23-Oct-2002
Last revised : 13-Nov-2002

Field is centred on n32 30 0.000,w104 30 0
Structure is centred on 426886.000,522398.000,999.00000,N

Slot location is n32 26 9.464,w104 34 13.141
Slot Grid coordinates are N 522398.000, E 426886.000
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
 Fed C35 #4, slot #1
 INDIAN BASIN, Eddy County New Mexico

PROPOSAL LISTING Page 1
 Your ref : PO 2DU RH
 Last revised : 13-Nov-2002

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	100.14	0.00	0.00N	0.00	0.00	426886.00	522398.00
500.00	0.00	100.14	500.00	0.00N	0.00	0.00	426886.00	522398.00
1000.00	0.00	100.14	1000.00	0.00N	0.00	0.00	426886.00	522398.00
1500.00	0.00	100.14	1500.00	0.00N	0.00	0.00	426886.00	522398.00
2000.00	0.00	100.14	2000.00	0.00N	0.00	0.00	426886.00	522398.00
2100.00	2.50	100.14	2099.97	0.38S	2.50	2.18	426888.15	522397.62
2200.00	5.00	100.14	2199.75	1.54S	2.50	8.72	426894.58	522396.46
2300.00	7.50	100.14	2299.14	3.45S	2.50	19.61	426905.30	522394.55
2400.00	10.00	100.14	2397.97	6.13S	2.50	34.82	426920.27	522391.87
2491.39	12.28	100.14	2487.64	9.24S	2.50	52.48	426937.66	522388.76
2500.00	12.28	100.14	2496.05	9.57S	0.00	54.31	426939.46	522388.43
3000.00	12.28	100.14	2984.60	28.30S	0.00	160.70	427044.18	522369.70
3500.00	12.28	100.14	3473.15	47.04S	0.00	267.08	427148.91	522350.96
4000.00	12.28	100.14	3961.70	65.78S	0.00	373.47	427253.63	522332.22
4500.00	12.28	100.14	4450.25	84.52S	0.00	479.85	427358.35	522313.48
5000.00	12.28	100.14	4938.80	103.25S	0.00	586.24	427463.08	522294.75
5500.00	12.28	100.14	5427.35	121.99S	0.00	692.63	427567.80	522276.01
6000.00	12.28	100.14	5915.90	140.73S	0.00	799.01	427672.52	522257.27
6500.00	12.28	100.14	6404.45	159.46S	0.00	905.40	427777.25	522238.54
7000.00	12.28	100.14	6893.00	178.20S	0.00	1011.79	427881.97	522219.80
7500.00	12.28	100.14	7381.56	196.94S	0.00	1118.17	427986.69	522201.06
8000.00	12.28	100.14	7870.11	215.68S	0.00	1224.56	428091.41	522182.32
8500.00	12.28	100.14	8358.66	234.41S	0.00	1330.94	428196.14	522163.59
8542.31	12.28	100.14	8400.00	236.00S	0.00	1339.95	428205.00	522162.00

Coordinates from slot #1 and TVD from rotary table.

Bottom hole distance is 1339.95 on azimuth 100.14 degrees from wellhead.

Vertical section is from N 0.00 E 0.00 on azimuth 100.14 degrees.

Grid is mercator - New Mexico East (3001).

Presented by Baker Hughes INTEQ

INDIAN BASIN, Eddy County New Mexico

Last revised : 13-Nov-2002

Targets associated with this wellpath

U
C

Target name

Geographic Location

T.V.D.

Rectangular Coordinates

Revised

428205.000,522162.000,0.00000	8400.00	236.005	1319.00E	23-Oct-2002
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