

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1. TYPE OF WORK

DRILL ☒

DEEPEN ☐

2. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER

SINGLE ZONE ☐

MULTIPLE ZONE ☐

3. NAME OF OPERATOR

Marathon Oil Company

4. ADDRESS AND TELEPHONE NO.

P.O. Box 552 Midland, TX 79702

915/687-8356

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. *)

At surface

1980' FSL & 1980' FEL

At proposed prod. zone

1980' FSL & 1980' FEL

6. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15 MILES NW OF CARLSBAD

7. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.

(Also to nearest drilg. unit line, if any) 1980'

8. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

3,210'

9. NO. OF ACRES IN LEASE

4.160

10. NO. OF ACRES ASSIGNED TO THIS WELL

320. E/2

11. ROTARY OR CABLE TOOLS

ROTARY

12. ELEVATIONS (Show whether DF, RT, GR, etc.)

3,820' G. L.

13. APPROX. DATE WORK WILL START*

05/09/98

14.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	K-55, 9 5/8"	36#	1,200'	CIRCULATE
8 3/4"	L-80, K-55, 7"	26# & 23#	8,200'	945

#15 - Distance to NIBU #22 @ 760' FSL & 990' FWL Sec. 11

Application is being re-submitted due to a change in the location. Refer to attached plat for location, pipeline, powerline, and road access details.

NIBU #31 Flowline & Powerline:

Marathon Oil Company proposes to install a flowline and an overhead powerline for NIBU Well No. 31.

The flowline will be 4" schedule 40, Grade B welded steel line pipe, externally wrapped and buried. It will tie-in to existing production facilities at Station 210. The line will transport fluids at rates of 4 MMCFPD, 10 BOPD, and 1,000 BWPD. The proposed route is shown on the attached plat. The total length is 2,600'.

The overhead powerline will be three phase 7.2/12.47 KV constructed to REA specifications using 30'-40' poles. The proposed construction will tie-in to existing construction. The proposed route is shown on the attached plat. The total length is 1,595'.

An archaeological survey has been performed for each line and the proposed location. A survey report will be forwarded upon completion.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

15.

SIGNED

Walter J. Duce

TITLE DRILLING SUPERINTENDENT

DATE 4/9/98

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Application approval 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.

CONDITIONS OF APPROVAL, IF ANY:

(ORIG. SGD.) ARMANDO A. LOPEZ

APPROVED BY

TITLE

ARMANDO A. LOPEZ

DATE

5-3-98

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, 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, N.M. 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 15475	Pool Name South Dagger Draw (U. Penn Assoc.)
Property Code 6411	Property Name NORTH INDIAN BASIN UNIT	Well Number 31
OGRID No. 14021	Operator Name MARATHON OIL COMPANY	Elevation 3820'

Surface Location

UL or lot No. J	Section 10	Township 21 S	Range 23 E	Lot Idn	Feet from the 1980	North/South line SOUTH	Feet from the 1980	East/West line EAST	County EDDY
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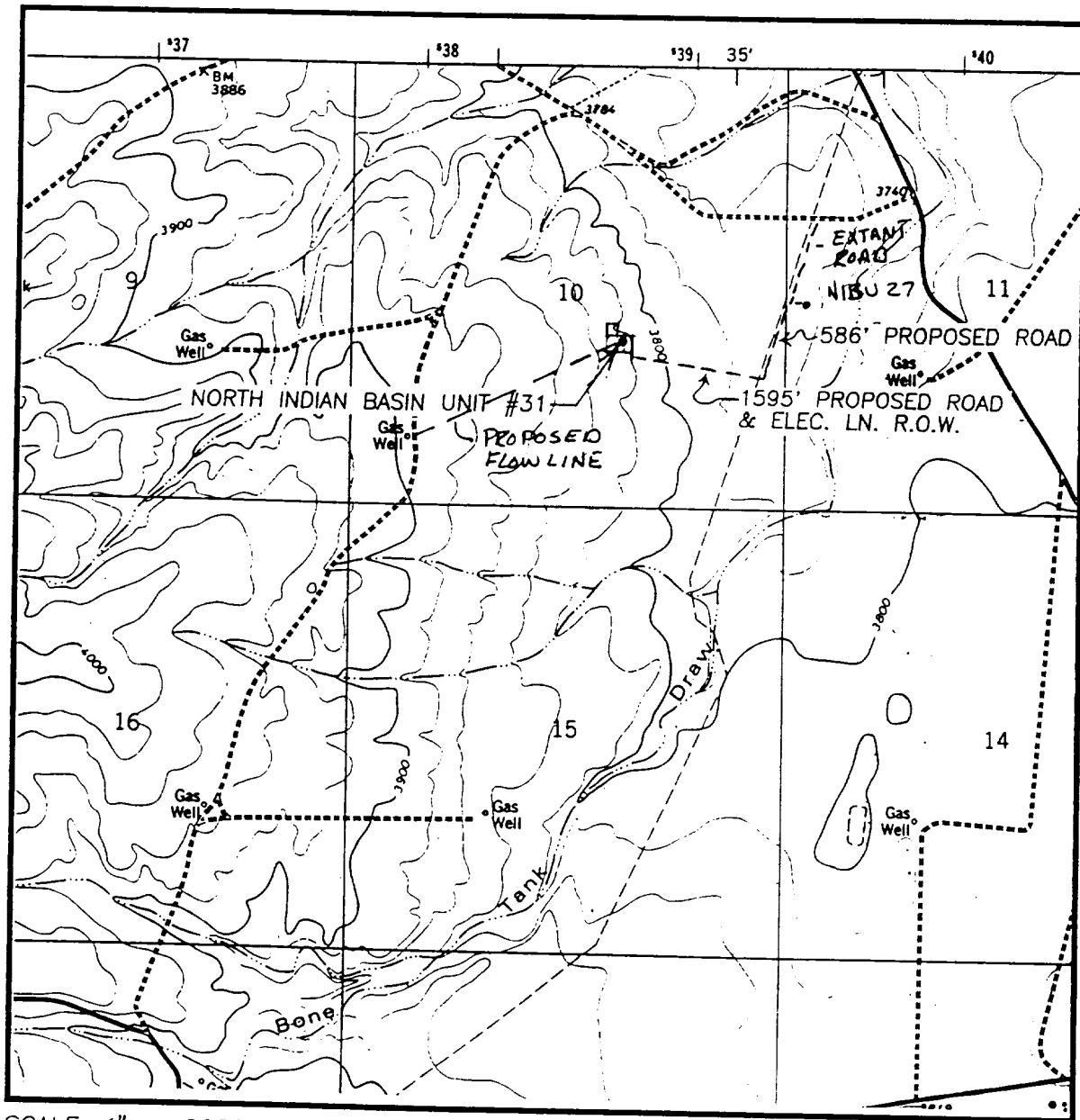
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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. Signature D. P. Nordt Printed Name Drilling Superintendent Title 4/9/98 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. APRIL 2, 1998 Date Surveyed CDG Signature & Seal of Professional Surveyor Certificate No. RONALD G. EDSON 3239 GARY NELSON 12641

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL - 20'

SEC. 10 TWP. 21-S RGE. 23-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 1980' FSL & 1980' FEL

ELEVATION 3820'

OPERATOR MARATHON OIL COMPANY

LEASE NORTH INDIAN BASIN UNIT

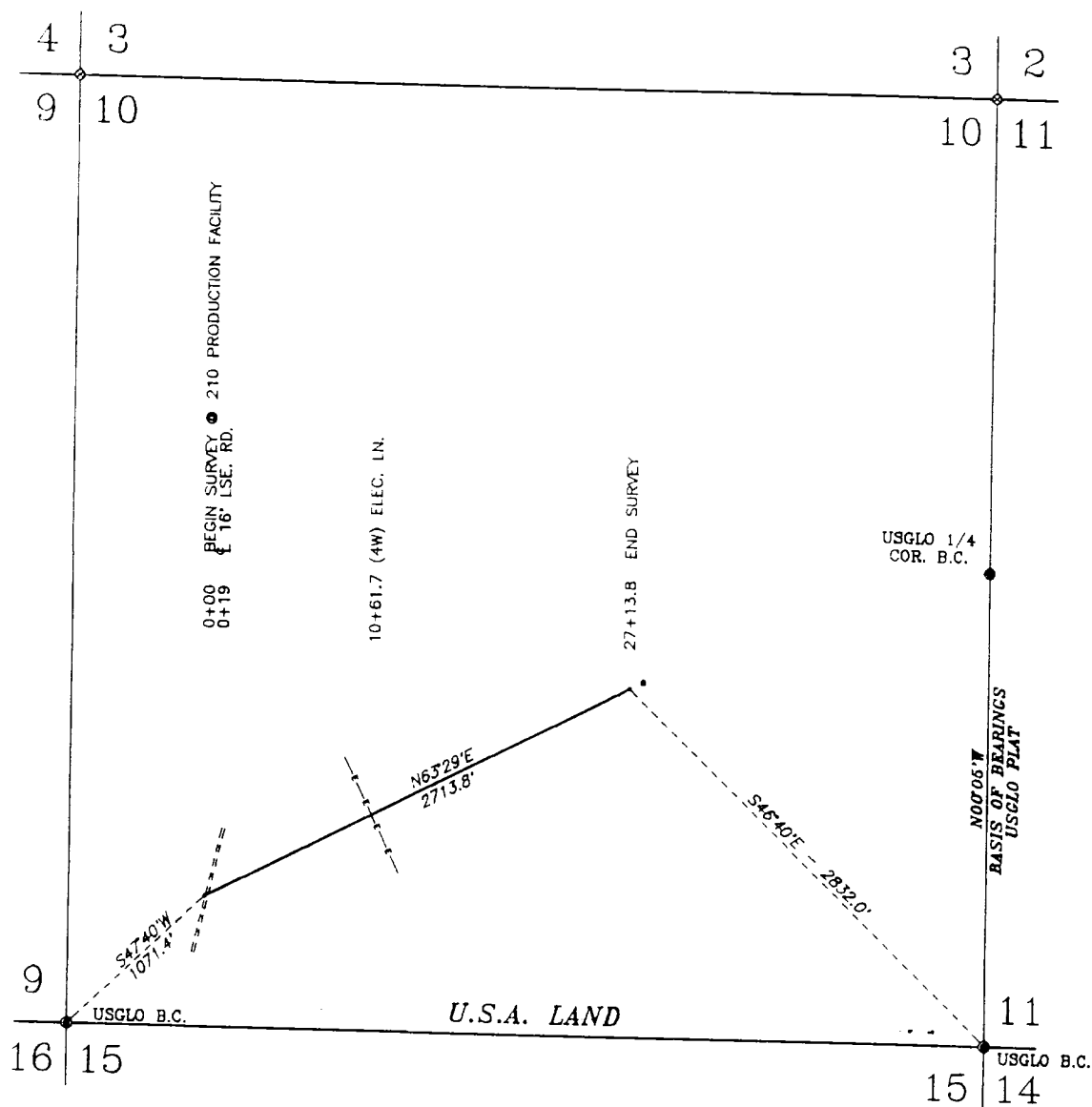
U.S.G.S. TOPOGRAPHIC MAP

MARTHA CREEK, NM

JOHN WEST ENGINEERING
HOBBS, NEW MEXICO
(505) 393-3117

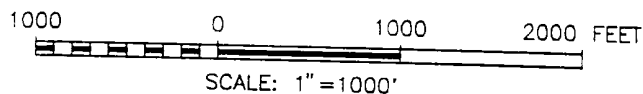
² See Instruction on Reverse Side

SECTION 10, TOWNSHIP 21 SOUTH, RANGE 23 EAST, N.M.P.M.,
EDDY COUNTY
NEW MEXICO



DESCRIPTION

A STRIP OF LAND 50.0 FEET WIDE AND 2713.8 FEET OR 0.514 MILES IN LENGTH AND BEING 25.0 FEET LEFT OF AND 25.0 FEET RIGHT OF THE ABOVE CENTERLINE SURVEY.



I HEREBY CERTIFY THAT I CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.

RONALD W. EIDSON, N.M. R.S.
GARY C. EIDSON, N.M. R.S.

No. 3239
No. 12641

JOHN W. EIDSON ENGINEERING COMPANY
CONSULTING ENGINEERS & SURVEYORS - HOBBS, NEW MEXICO



MARATHON OIL COMPANY

SURVEY OF A PIPELINE
CROSSING U.S.A. LAND IN
SECTION 10, TOWNSHIP 21 SOUTH,
RANGE 23 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO

Survey Date: 4-2-98	Sheet 1 of 1 Sheets
W.O. Number: 98-11-0545	Drawn By: CDG
Date: 4-3-98	MARATHON
MAR0545	Scale: 1"=1000'