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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
K-5796	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

6. Type of Work		7. Unit Agreement Name	

b. Type of Well		8. Farm or Lease Name	
DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		State K-5796	
c. Name of Operator		9. Well No.	
Marathon Oil Company		2	
d. Address of Operator		10. Field and Pool, or Wildcat	
P. O. Box 2409, Hobbs, New Mexico 88240		Vacuum Abo, North	
e. Location of Well		12. County	
UNIT LETTER <u>H</u> LOCATED <u>660</u> FEET FROM THE <u>East</u> LINE NO. <u>1980</u> FEET FROM THE <u>North</u> LINE OF SEC. <u>7</u> TWP. <u>17-S</u> RGE. <u>35-E</u> NMPM		Lea	
1. Elevations (Show whether DE, RI, etc.)		19. Proposed Depth	
4000.8' GRD		9,000'	
21A. Kind & Status Plug. Bond		19A. Formation	
Current		Abo	
21B. Drilling Contractor		20. Rotary or C.T.	
Robertson Brothers Drl.		Rotary	
22. Approx. Date Work will start			
November 16, 1977			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
15"	13 3/8"	48.0	250'	275	Surface
11"	8 5/8"	32.0	3200'	1100	Surface
7 7/8"	4 1/2"	11.6	9000'	1500	3000'

Plan to drill to Abo formation at approximately 9000'. All casing will be cemented and tested by approved methods.

Blowout equipment will consist of Series 900 preventers with pipe and blind rams. Remove controls to be located on derrick floor. Closing unit to be located a minimum of 75' from wellhead.

ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION ZONE, GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Alex Reid III Title Production Engineer Date October 18, 1977

(This space for State Use)

SUPERVISOR DISTRICT 1

PROVED BY [Signature] TITLE DATE OCT 19 1977

CONDITIONS OF APPROVAL, IF ANY:

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JAN 1 1964
THE CONSERVATION COMM.
HOBBS, N. M.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

Operator Marathon Oil Company			Lease State K 5796		Well No. 2
Unit Letter E	Section 7	Township 17 South	Range 35 East	County Lea	
Actual Footage Location of Well 660 feet from the East line and 1980 feet from the North line					
Ground Level Elev 4000.3	Producing Formation Abo	Well Vacuum Abo, North			Dedicated Acreage: 80 Acres

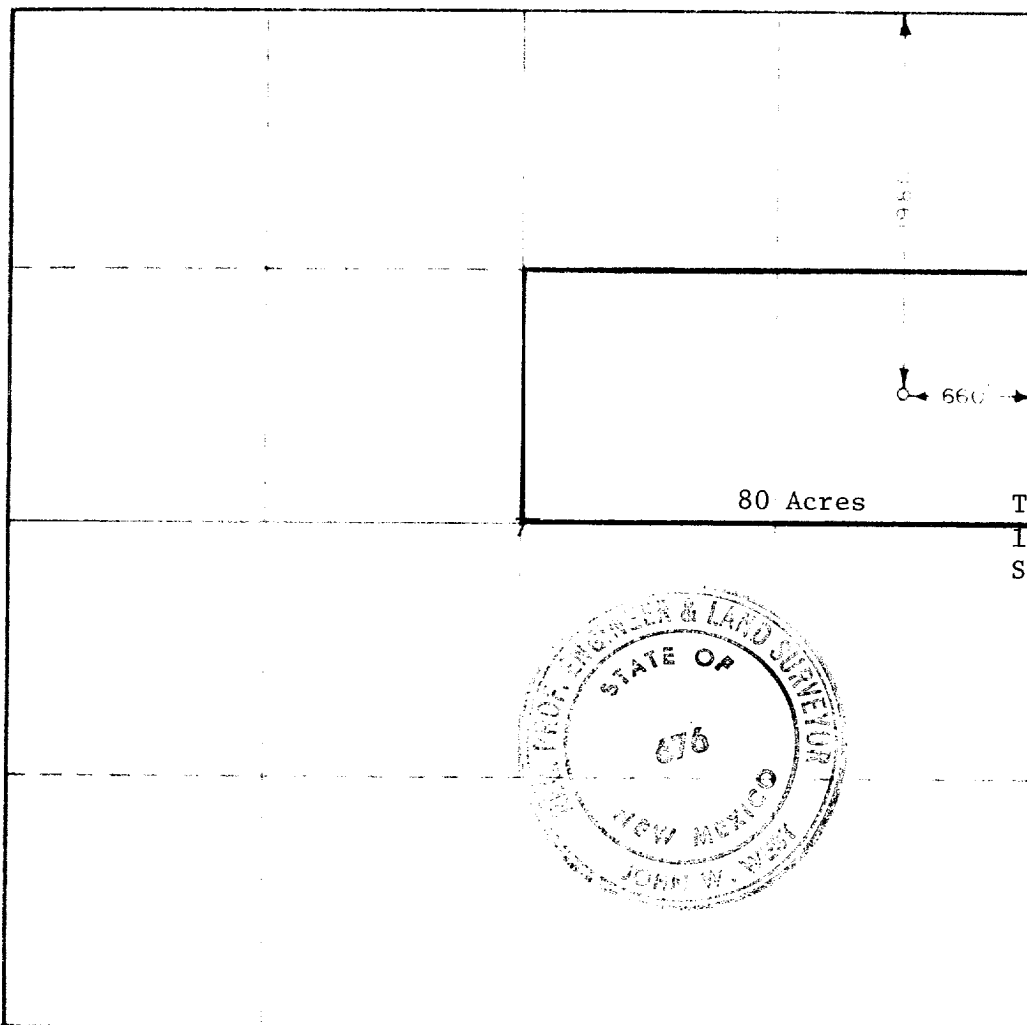
1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes" type of consolidation _____

If answer is "no" list the owners and tract descriptions which have actually been consolidated (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

R35-E



CERTIFICATION

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

Alex W. Reid III
true

Alexander W. Reid III

Production Engineer

Marathon Oil Company

Date:
October 18, 1977

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 current to the best of my knowledge and belief.

Date surveyed:

Oct. 13, 1977

Registered Engineer

in the State of New Mexico

John W. West
John W. West

Well Number:

676

330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

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1-24-1977

U.S. CONSERVATION COMMISSION
WASHINGTON, D.C.

473

13 3/8" at 257' w/275 sx
8 5/8" at 3200' w/1000 sx
4 1/2" at 8980' w/1730 sx

WELL CLASS: IN		D FIN DO		ELEV		L & S	
FORMATION	DATUM	FORMATION	DATUM				
TD 8981' (ABO)		PBD 8945'					

IP (Abo) Perfs 8824-8924' P 51 BOPD + 1 BW. Pot based on
24 hr test. GOR 1220 ; gty 33.7

CONTR Robinson Bros.

OPRSELEV 4001' GL

PD 9000' RT

F.R. 10-24-77
(Abo)

11-16-77 Drlg 260'
11-28-77 Drlg 5580'
12-5-77 Drlg 7432'
12-20-77 TD 8981'; WOCU
1-4-78 TD 8981'; WOCU
1-9-78 TD 8981'; PBD 8945'; RUP
Perf (ABO) 8824-8924' w/26 shots (overall)
Acid (8824-8924') 10,000 gals
2-7-78 TD 8981'; PBD 8945'; WOSP
2-13-78 TD 8981'; PBD 8945'; Complete
LOGS RUN: SN, GRL, CALP
2-18-78 COMPLETION ISSUED

2-3-11 NM

IC 30-025-70273-77