

Submit to Appropriate
District Office
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Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

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

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Marathon Oil Company			Lease Lea Unit		Well No. 11
Unit Letter N	Section 13	Township 20-S	Range 34-E	County Lea	NMPM
Actual Footage Location of Well: 660 feet from the South line and 1980 feet from the West line					
Ground level Elev. 3676		Producing Formation Bone Springs		Pool Lea Bone Springs	Dedicated Acreage: 80 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 interest 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 interest, has been approved by the Division.

OPERATOR CERTIFICATION

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

Signature

Printed Name

Thomas M. Price

Position

Adv. Engineering Tech.

Company

Marathon Oil Company

Date

2-25-94

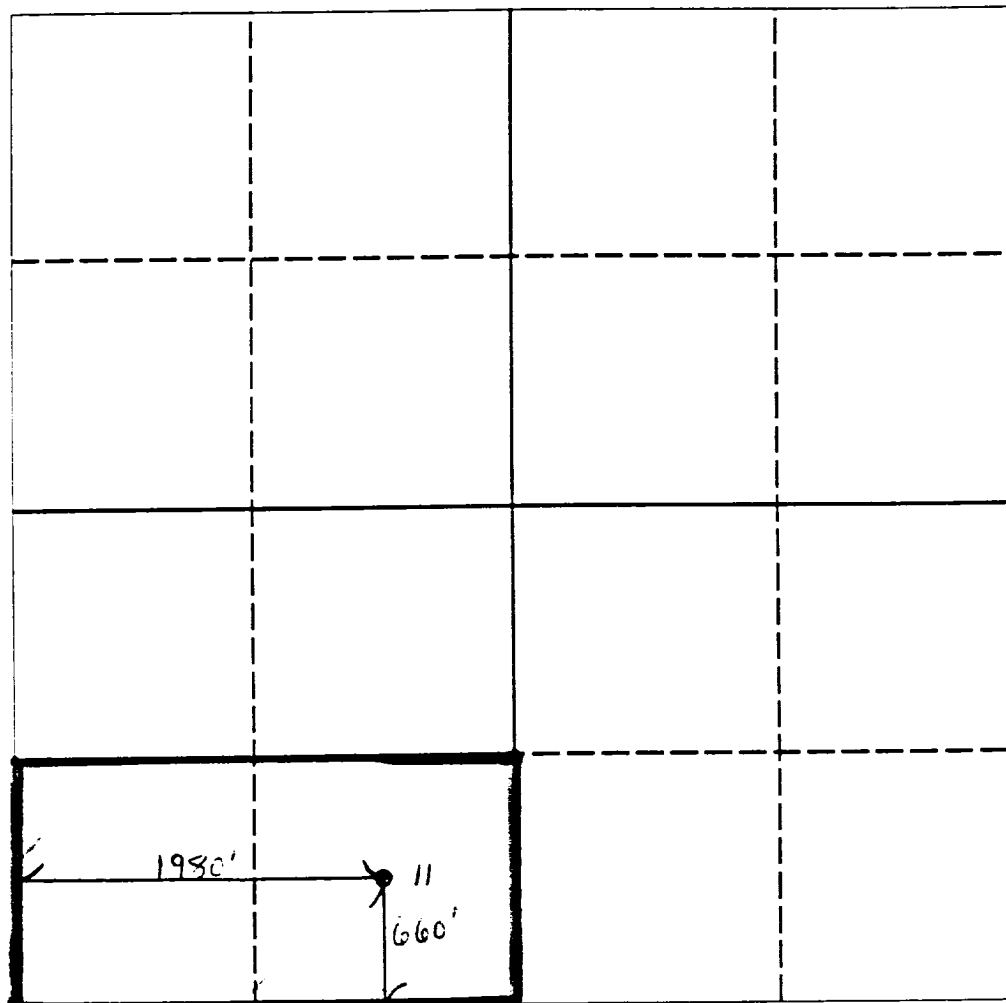
SURVEYOR CERTIFICATION

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 knowledge and belief.

Date Surveyed

Signature & Seal of
Professional Surveyor

Certificate No.



0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

NEW MEXICO OIL CONSERVATION COMMISSION

WELL LOCATION AND ACREAGE DEDICATION PLAT

FORM C-128
Revised 8/1/57

SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

SECTION A

MARATHON OIL COMPANY			Lease 63 MAY 20 11 9:37		Well No. 11
Well Corner N	Section 13	Township 20 SOUTH	Range 34 EAST	County LEA	

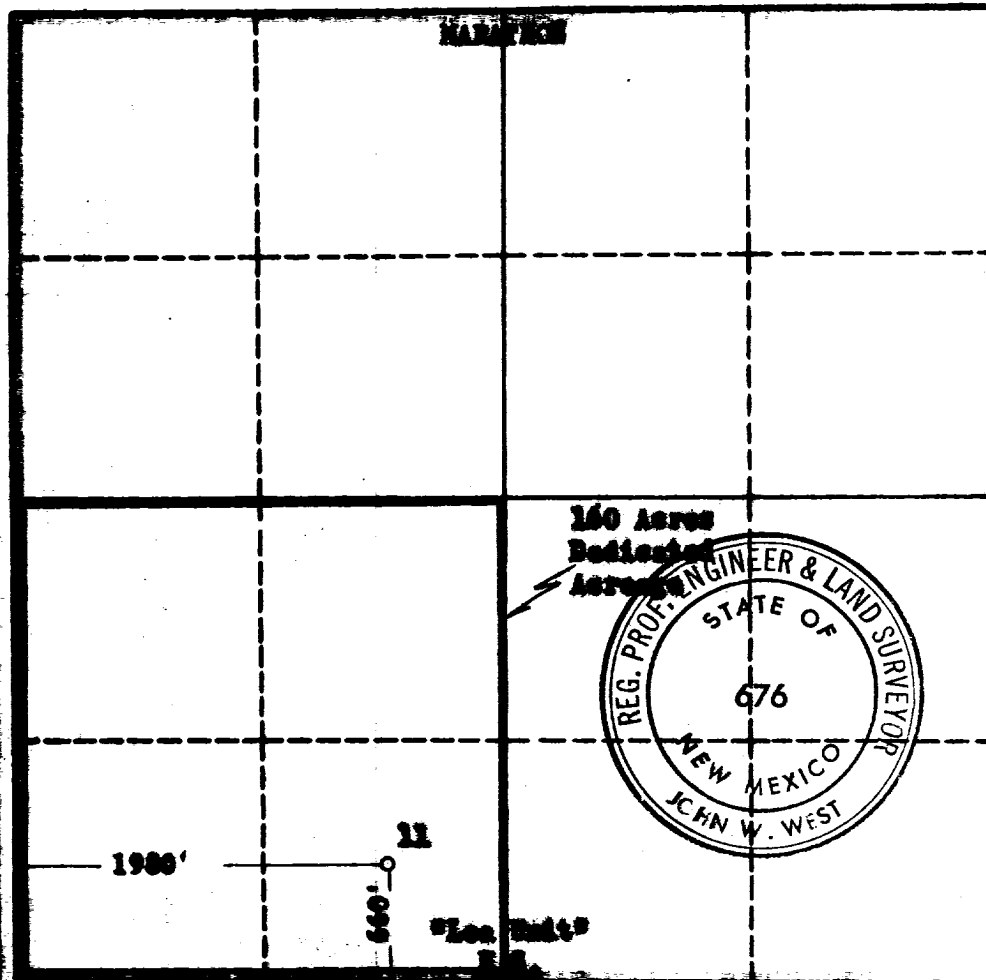
Actual Postage Location of Well:
660 feet from the **SOUTH** line and **1980** feet from the **WEST** line

Ground Level Elev. 3658.2	Producing Formation Devonian	Pool Lea Devonian	Dedicated Acreage: 160 Acres
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1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES _____ NO **X**. ("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (a) NMSA 1955 Comp.)
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES **X** NO _____. If answer is "yes," Type of Consolidation **Unitization Agreement**
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner	Lease Description

SECTION B



CERTIFICATION

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

J. R. Barber
Name

J. R. Barber
Position

Area Petroleum Engineer
Company

Marathon Oil Company

Date
5-21-63

I hereby certify that the well location shown on the plat in SECTION B 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 knowledge and belief.

Date Surveyed
5-20-63

Registered Professional Engineer and/or Land Surveyor, **JOHN W. WEST**

John W. West
Certificate No.
N. M. - P. E. & L. S. NO. 676

COUNTY	Lea	FIELD	Lea	STATE	N.M.	NO.
OPR	Marathon Oil Company					MAP
NO	11	LSE	Lea Unit-Federal			
SEC	13	T	20S	BLK R	34E	SUR. CO-ORD
LOC	660' fr S Line & 1980' fr W Line of Sec.					
MI.	FROM 11-20-63(B)			CLASS	EL 3676 2	
SPUD	6-3-63	COMPL	11-13-63(D)	FORMATION	DATUM	FORMATION DATUM
IBT				LOG:		
				B Spg 8282		
CSG. & SX				L/Leon.10826		
13 3/8"	1354'	1170		Wolfc.11090		
9 5/8"	5508'	3620		Strwn 12036		
7"	14371'	1240		Bend 12374		
TBG.	DEPTH	SIZE		Chest.13443		
LOGS	EL	GR	RA IND HC A	Mis.ls 13573		
				TD 14464'	1m	PB 14454'
PROD INT.	(DAILY RATE)	BS&W	GH	GOR	GTY	C. P. T. P. HRS. TEST
12987-996'	CAOF 17,170	MCFGPD				
(Bend)						
14371-454'	F Gas Lift 71 BO + 78 BW					24 hr
(OH-Devonian)						

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CONT. D&E	PROP DEPTH 14,500'	TYPE
DATE		

F.R. 5-31-63
 PD 14,500' - Devonian
 Contractor - D&E

6-10-63	Drlg. 3646' 1m. & gyp.
6-17-63	Drlg. 5449' 1m. Lost cir. @ 4550'.
6-24-63	Drlg. 6690' 1m.
7-1-63	Drlg. 9188' 1m. & dolo.
7-8-63	Drlg. 9874' dolo.

DST (Bone Springs) 9770-9830', open 2 hrs,
 Rec 245' DM, + 2-3 feet oil,
 no ISIP, FP 113-127#,
 1 hr FSIP 747#.

7-15-63	Drlg. 10638' 1m.
7-22-63	Drlg. 11379' 1m. & ch.
7-29-63	Drlg. 11953' sh.
8-5-63	Drlg. 12417' 1m. & sh.
8-12-63	Drlg. 12853' 1m. & sh.
8-19-63	Drlg. 13332' 1m. & sh.

8-26-63 Drlg. 13860' lm. & ch.
9-3-63 TD 14373', prep to log.
9-10-63 TD 14373', pulling DP & Tail Pipe.
Set Pkr @ 14260',
Ran Tail Pipe & "J" Latch seal assembly on
DP, Unable to latch into packer
9-16-63 TD 14464' lm., swbg.
Ac. 2000 gals (OH 14371-464')
Swbd 133 BLO + 5 BAW/no time.
Re-Ac. 5000 gals.
9-23-63 TD 14464' lm., swbg.
Swbd 16 BAW + 79 BO/no time.
Re-Ac. 5000 gals.
Swbd 48 BO + 43 BAW/10 hrs.
Re-Ac. 20,000 gals.

9-30-63 Swbd 561 BW + 10 BO/23 hrs.
TD 14464' lm., milling on pkr @ 14271'.
Squeezed OPEN Hole W/250 sx.
Re-Squeezed with 100 sx.
10-7-63 TD 14474' lm., PB 14454', swbg.
DO to 14454'.
Perf (Open Hole) 14396-397', & 14422-23' W/
3 SPF
Spotted 1000 gals acid, unable to pump
into formation. Rev out acid.
10-14-63 TD 14464' lm., PB 14454', swbg.
Ac. 1000 gals (15%) (Open Hole 14371-454')
Swbd 68 BO + 2.8 BAW in 11 hrs.
Re-Ac. 3000 gals (15%) (OH 14371-454')
Swbd 114 BO + 20 BAW/12 hrs.
10-21-63 TD 14464' lm., PB 14454', circ. & cond. mud.
Set Retrievable BP @ 14,000'.

-continued-

10-21-63 -cont-
Perf (Bend) 12987-996' W/2 SPF
Flwd @ Rate of 3149 MCFGPD, 32.49 B Cond.,
1.71 BW + Mud for 2 hrs thru 15/64" chk.,
FTP 4000#. (Natural) (Perfs 12987-996')
10-28-63 TD 14464' lm., PB 14454', running dual comp.
tubing.
11-4-63 TD 14464' lm., PB 14454', Gas Lifting Devonian.
Flwd by Gas Lift 185 BNO + 80 BW in 24 hrs
(OH 14371-454')
11-11-63 TD 14464' lm., PB 14454', Gas Lifting Devonian.
Flwd by Gas Lift 87 BO + 78 BW in 24 hrs.
11-18-63 TD 14464' lm., PB 14454', Devonian Completed.
Bend SI for Build-Up.
11-26-63 TD 14464' lm., PB 14454', COMPLETED.

FOUR POINT GAUGES:

<u>Gas Volume</u>		<u>Time</u>	<u>Chk</u>	<u>FTP</u>
F 822 MCFGPD + 72 B Cond. PD		3 hr	7.5/64"	4375#
1836	+ 156	3	10/64"	4147#
3338	+ 374	2	14/64"	3713#
4960	+ 536	2	18/64"	3235#

LOG TOPS: Woodford 14167', Devonian 14358'.

SAMPLE TOPS: Bend 12418', Mississippian Lime
13588', Woodford 14186', Devonian 14385'.