

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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30-615-20317

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. NM 070522-A	
b. TYPE OF WELL 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"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Marathon Oil Company			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 2409, Hobbs, New Mexico 88240			8. FARM OR LEASE NAME Indian Basin "E"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1650' FWL and 1950' FSL of Section 27 At proposed prod. zone Same			9. WELL NO. 2	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 25 miles Northwest of Carlsbad, New Mexico			10. FIELD AND POOL, OR WILDCAT Wildcat	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1650'		16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL 40	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 158'		19. PROPOSED DEPTH 2700'	20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3925' GL			22. APPROX. DATE WORK WILL START* July 1, 1970	

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
20"	13 3/8"	48	30'	3 cu. yds. remix
11 1/4"	8 5/8"	24	1100'	500 sax - circ. cement to surface
7 7/8"	4 1/2"	9.5	2700'	400 sax - sufficient cement will be used to tie back into 8 5/8" casing.

It is planned to drill to approximately 2700' and complete the well in the Yeso (Upper Clearfork) zone. Casing will be set and cemented in accordance with approved methods.

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JUL 1 1970

O. C. C.
ARTESIA, OFFICE

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JUN 30 1970
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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.

24. SIGNED E. A. Hick TITLE Area Superintendent DATE June 29, 1970
(This space for Federal or State office use)

PERMIT NO.

DECLARED WATER BASIN

CEMENT BEHIND THE CASING MUST BE CIRCULATED

NOTIFY USGS IN SUFFICIENT TIME TO CEMENTING THE CASING.

APPROVED
JUN 30 1970
R. L. BECKMAN
ACTING DISTRICT ENGINEER

THIS APPROVAL IS RESCINDED IF OPERATIONS ARE NOT COMMENCED WITHIN 3 MONTHS.
SEP 30 1970
See Instructions On Reverse Side

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 CO.		Lease INDIAN BASIN "E"		Well No. 2
Unit Letter K	Section 27	Township 21 SOUTH	Range 23 EAST	County EDDY
Actual Footage Location of Well: 1950 feet from the SOUTH line and 1650 feet from the WEST line				
Ground Level Elev. 3925	Producing Formation YESO (UPPER CLEARFORK)		Pool WILDCAT	Dedicated Acreage: 40 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 interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

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

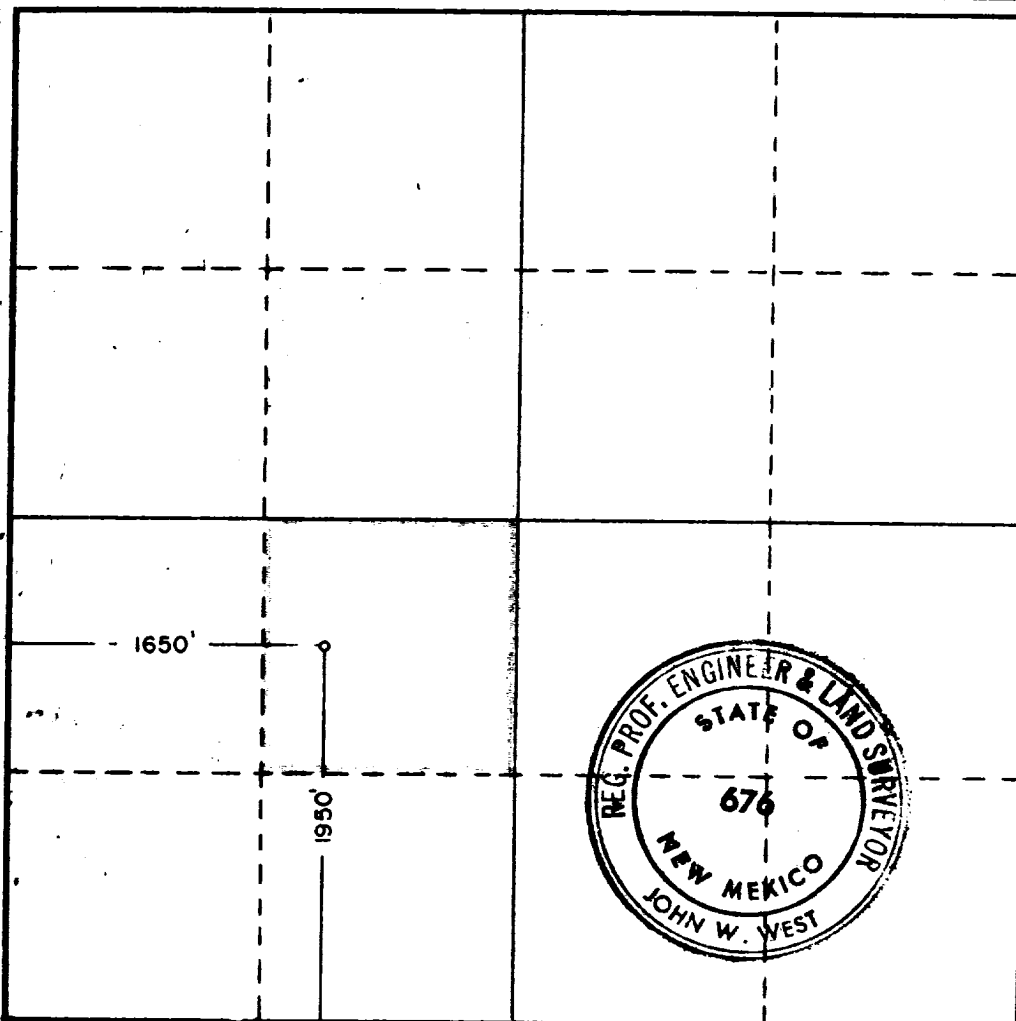
If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

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.

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CERTIFICATION

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

J. W. Younger
Name
J. W. YOUNGER

Position
AREA PETROLEUM ENGINEER

Company
MARATHON OIL COMPANY

Date
6-23-70

I hereby certify that the well location shown on this plat is correct in 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.
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Date Surveyed

JUNE 23, 1970

Registered Professional Engineer and/or Land Surveyor

John W. West
Certificate No.

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