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NEW MEXICO OIL CONSERVATION COMMISSION

FEB 4 1977

O. C. C.  
ARTESIA, OFFICE

30-015-22040

Form C-101  
Revised 1-1-65

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> <del>Dual Oil Well</del>		8. Farm or Lease Name Arnquist Estate	
2. Name of Operator Marathon Oil Company ✓		9. Well No. 4	
3. Address of Operator P. O. Box 2409, Hobbs, New Mexico 88240		10. Field and Pool, or Wildcat Undesignated	
4. Location of Well UNIT LETTER H LOCATED 1650 FEET FROM THE North LINE AND 430 FEET FROM THE East LINE OF SEC. 29 TWP. 18S RGE. 26E NMPM		12. County Eddy	
19. Proposed Depth 3000'		19A. Formation Yeso	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 3427.1'	
21A. Kind & Status Plug. Bond Current		21B. Drilling Contractor LO Drilling	
22. Approx. Date Work will start February 15, 1977			

23. PROPOSED CASING AND CEMENT PROGRAM					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	13 3/8"	48#	300'	275	Circulated
12 1/4"	9 5/8"	32.3#	1200'	550	Circulated
8 3/4"	7"	23#	3000'	600	Circulated

Plan to drill to approximately 3000'.

Cement and test all casing by approved methods.

Blowout equipment to be used is a 900 Series Cameron or equivalent with pipe and blank rams. Remote BOP controls will be located on the derrick floor with a closing unit a minimum of 75' from the wellhead.

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,  
EXPIRES 5-7-77

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, 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 Anthony Kovacs Title Petroleum Engineer Date February 4, 1977

(This space for State Use)

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE FEB 7 1977

CONDITIONS OF APPROVAL, IF ANY:

Cement must be circulated to  
surface behind 13 3/8" casing

Notify N.M.O.C.C. in sufficient  
time to witness cementing

9 5/8"

**N MEXICO OIL CONSERVATION COMMISS**  
**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.

Lessee <b>MARATHON OIL COMPANY</b>			Lease <b>ARNQUIST ESTATE</b>			Well No. <b>4</b>		
Section <b>H</b>	Section <b>29</b>	Township <b>18 South</b>	Range <b>26 East</b>	County <b>EDDY</b>				
Appurtenant Location of Well: <b>1650</b> feet from the <b>North</b> line and <b>430</b> feet from the <b>East</b> line								
Ground Level Elev. <b>3427.1</b>	Producing Formation <b>Yeso</b>			Pool <b>Undesignated</b>			Dedicated Acreage: <b>40</b> Acres	

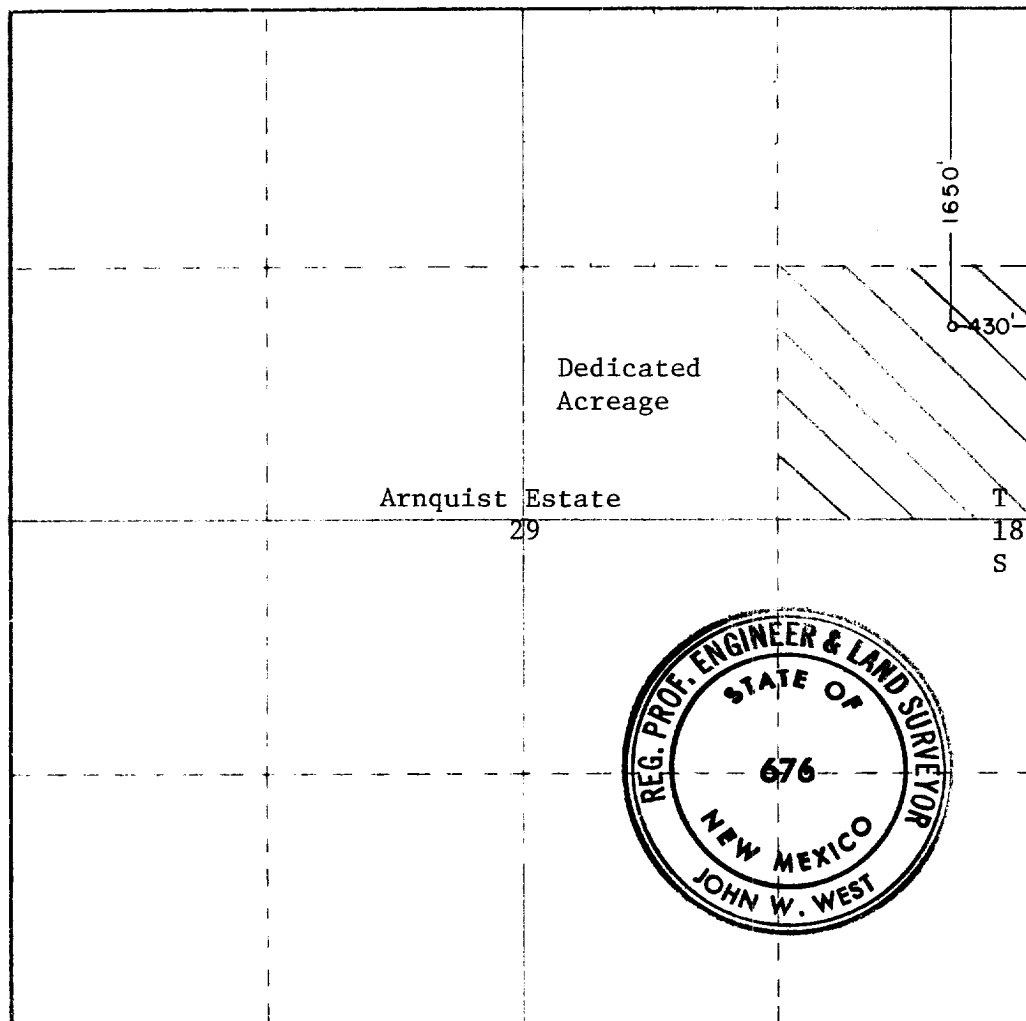
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is 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.

R-26E



**CERTIFICATION**

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

*Anthony Kovacevich*  
 Name

**Anthony R. Kovacevich**

Position

**Petroleum Engineer**

Company

**Marathon Oil Company**

Date

**February 4, 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 correct to the best of my knowledge and belief.

**February 2, 1977**

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

*John W. West*  
 Certificate No. **676**

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