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Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved
Budget Bureau No. 42-R1425.

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL DEEPEN PLUG BACK
b. TYPE OF WELL
OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
Marathon Oil Company

3. ADDRESS OF OPERATOR
P. O. Box #39, Sidney, Nebraska 69162

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface 990' FNL, 1100' FEL, Section 28, T. 26N., R. 5W.
SW 1/4 NE 1/4 NE 1/4
At proposed prod. zone

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

16. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH
7,600'

17. NO. OF ACRES ASSIGNED TO THIS WELL
320 acres
20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6490' G.L.

22. APPROX. DATE WORK WILL START*
September 1, 1966

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	9-5/8" O.D.	36#	400'	350 sacks
7-7/8"	4 1/2" O.D.	11.6#	7,600'	500 sacks

5. LEASE DESIGNATION AND SERIAL NO.
Tract 251; Contract 000154
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla Apache
7. UNIT AGREEMENT NAME
Jicarilla Apache
8. FARM OR LEASE NAME
Jicarilla Apache
9. WELL NO.
9
10. FIELD AND POOL, OR WILDCAT
Jicarilla Basin Dakota
11. SEC., T., R., M., OR B.L. AND SURVEY OR AREA
Section 28, T. 26N., R. 5W.
12. COUNTY OR PARISH
Rio Arriba
13. STATE
New Mexico

Marathon Oil Company requests permission to drill a development well to the Basin Dakota Sand at the above location. A string of 9-5/8" O.D., 36#, J-55 surface casing will be set in a 15" hole at approximately 400' and cemented to the surface. A string of 4 1/2" O.D., 11.6#, J-55 production casing will be set through the Dakota Sand in a 7-7/8" hole and cemented in two stages with 500 sacks. A low-solids, low water-loss, chemical-gel mud will be used to drill the well. Our logging program will consist of an IES and Formation Density Log. Indicated productive intervals in the Basin Dakota will be perforated four holes per foot with jets. Stimulation will consist of sand-water fracture treatment with approximately 1,000 pounds of sand per foot of perforations. Our blow-out preventer program includes Cameron Double Hydraulic and Hydril Series 900 with closing accumulator, blind rams, and rams to fit the drill pipe.

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

RECEIVED
SEP 6 1966
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

24. SIGNED [Signature] TITLE District Operations Manager, September 1, 1966

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY [Signature] TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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SEP 7 1966
OIL CON. COM.
DIST. 3

*See Instructions On Reverse Side

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACERAGE DEDICATION PLAT**

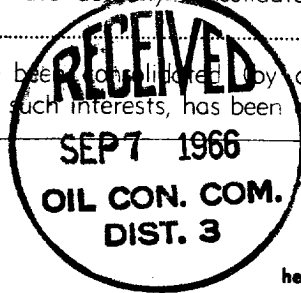
All distances must be from the outer boundaries of the Section

Operator MARATHON OIL COMPANY		Lease Jicarilla Apache			Well No. 9
Unit Letter A	Section 28	Township 26 North	Range 5 West	County Rio Arriba	
Actual Footage Location of Well:					
990 feet from the North line and		1100 feet from the East line			
Ground Level Elev. 6490	Producing Formation Dakota	Pool Basin Dakota	Dedicated Acreage: 320 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 consolidated. (Use reverse side of this form if necessary.) **Marathon Oil Company - Tract 251**

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.



CERTIFICATION

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

Name *Ray Sullivan*
 Position **District Operations Manager**
 Company **Marathon Oil Company**
 Date **September 1, 1966**

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 **August 25, 1966**
 Registered Professional Engineer
 and/or Land Surveyor

E. J. Andrews
 Certificate No. **3602**

