

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
Masonald Oil Corporation

3. ADDRESS OF OPERATOR
P. O. Box 5402 -- Midland, Texas

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface 2310' F/W/L & 2308' F/W/L Section 22, T17S, R30E, N4PM
At proposed prod. zone Eddy County, New Mexico
2310' F/W/L & 2308' F/W/L Section 22, T17S, R30E, N4PM

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
1 mile East and 1/4 mile North of Loco Hills, New Mexico

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. line, if any) 330'

16. NO. OF ACRES IN LEASE 40

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. 660'

19. PROPOSED DEPTH 7000'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3366 Gr.

22. APPROX. DATE WORK WILL START*
December 5, 1963

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2"	8-5/8"	24.6	1400'	550 sz - Will Circulate
7-7/8"	5-1/2"	14 & 15.5#	7000'	500 sz or ample quantity to protect all pay zones.

Drill to 1400' and set 8-5/8" casing - circulate cement.
Drill to approximately 7000' and drill stem test Abo Reef zone.
Run electric logs. Run 5-1/2" oil string if zone is productive and cement with
adequate quantity to isolate all oil productive zones. If not productive well
will be plugged and abandoned to U.S.G.S. specifications.

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DEC 5 1963

U. S. G. S.
ARTESIA OFFICE

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 RC Brown TITLE Office Manager DATE November 23, 1963

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED

TITLE _____

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NOV 26 1963

DATE _____

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

DEC 5 1963
RONNIE E. SHOOK
ACTING DISTRICT ENGINEER

*See Instructions On Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-120
Revised 5/1/57

WELL LOCATION AND ACREAGE DEDICATION PLAT

SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

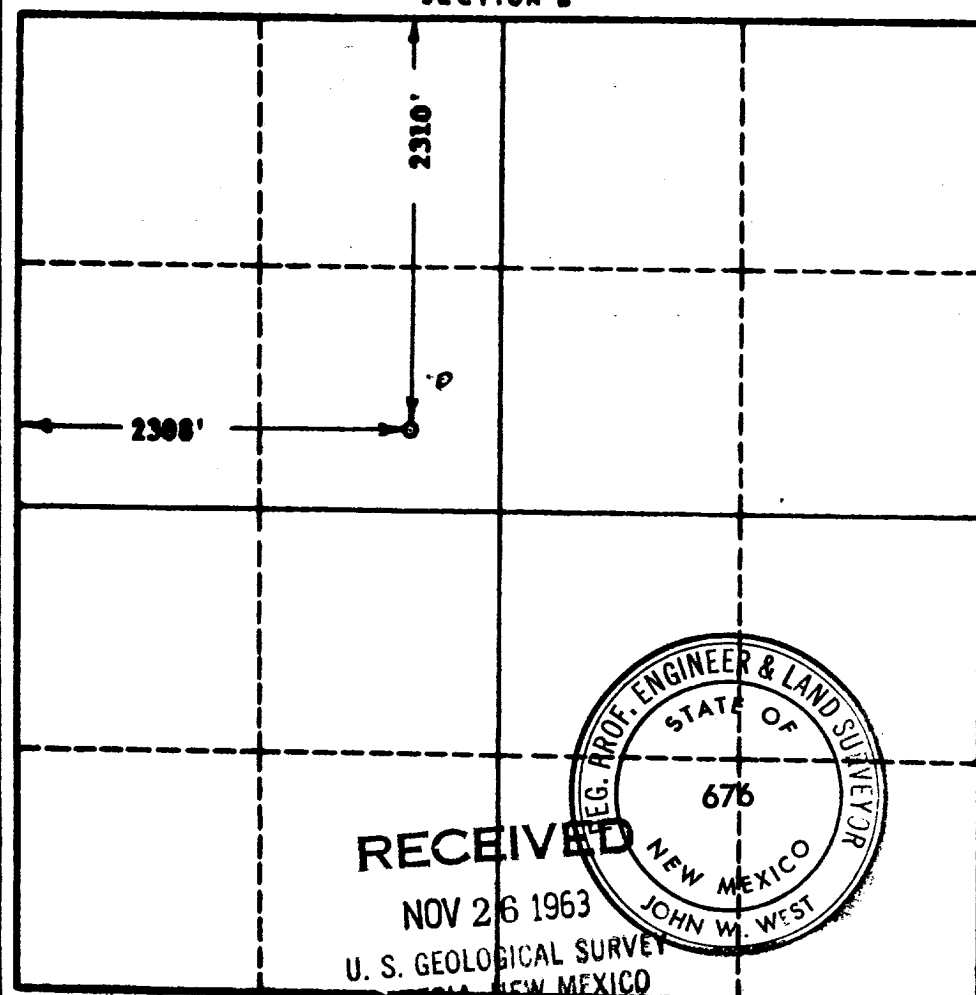
SECTION A

Operator MACDONALD OIL CORP.			Lease SHIELAH-PARKE			Well No. 1
Unit Lower F	Section 22	Township 17 SOUTH	Range 30 EAST	County EDDY COUNTY		
Actual Surface Location of Well: 2310 feet from the NORTH line and 2308 feet from the WEST line						
Ground Level Elev. 3365.5	Producing Formation San Juan		Pool San Juan		Dedicated Acreage: 40 Acres	

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES ☒ NO ☐ ("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. (63-3-29 (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 ☐ NO ☐ If answer is "yes," Type of Consolidation **RECEIVED**
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner	Land Description	DEC 6 1963

SECTION B



O. C. C.
ARTESIA, OFFICE

CERTIFICATION

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

Name J. C. Bann
Position Office Manager
Company Macdonald Oil Corporation
Date November 25, 1963

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 11-25-1963
Registered Professional Engineer and/or Land Surveyor, STATE OF NEW MEXICO John W. West
License No. 676

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U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

0 320 640 960 1280 1600 1920 2240 2560 2880 3200 3520 3840 4160 4480 4800 5120 5440 5760 6080 6400