

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 ☐			5. LEASE DESIGNATION AND SERIAL NO. NM 03991	
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR W. M. Galloway			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR Box 630, Farmington, New Mexico			8. FARM OR LEASE NAME Fat	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1180 NL & 790 EL Sec. 25-25N-2W At proposed prod. zone			9. WELL NO. 1	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*			10. FIELD AND POOL, OR WILDCAT S. Blance FC	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 790'			11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA Sec. 25-25N-2W NMFM	
16. NO. OF ACRES IN LEASE 160			12. COUNTY OR PARISH Rio Arriba	
17. NO. OF ACRES ASSIGNED TO THIS WELL 160			13. STATE N. M.	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 3700'			20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7500 GR			22. APPROX. DATE WORK WILL START* July 13, 1968	

23. PROPOSED CASING AND CEMENTING PROGRAM

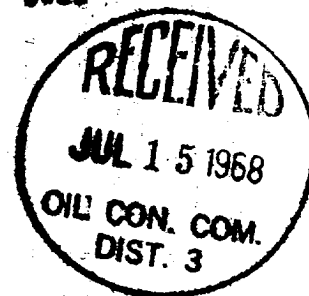
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	100'	75 sacks
6 3/4"	4 1/4"	9.5#	3700'	100 sacks

Cement 8 5/8" casing at 100' with 100 sacks. Drill 6 3/4" hole 100' below Pictured Cliffs. Run electric log. Cement 4 1/4" casing at 3700' with 100 sacks. Perforate casing opposite Pictured Cliffs sand. Sand-water fracture treat. Run 1 1/2" tubing to base of perforations. Swab-in- Test and complete.

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U. S. GEOLOGICAL SURVEY



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 J. H. Ray TITLE Agent DATE 7-13-68
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY th TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

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 as a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning submitting work proposals or reports on the well.

Item 4: If there are no applicable State requirements, notations 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.

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

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

All distances must be from the outer boundaries of the Section

Operator **W. M. GALLAWAY** Lease **PAT** Well No **1**

Unit Letter **A** Section **25** Township **25 NORTH** Range **2 WEST** County **RIO ARriba**

Actual Footage Location of Well: **1180** feet from the **NORTH** line **790** feet from the **EAST** line

Ground Level Elev **7500.0** Producing Formation **PICTURED CLIFFS S. BLANCO** Dedicated Acreage **160** Acres

- Outline the acreage dedicated to the subject well by correct number or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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)

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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JUL 15 1968
OIL CON. COM.
DIST. 3

CERTIFICATION

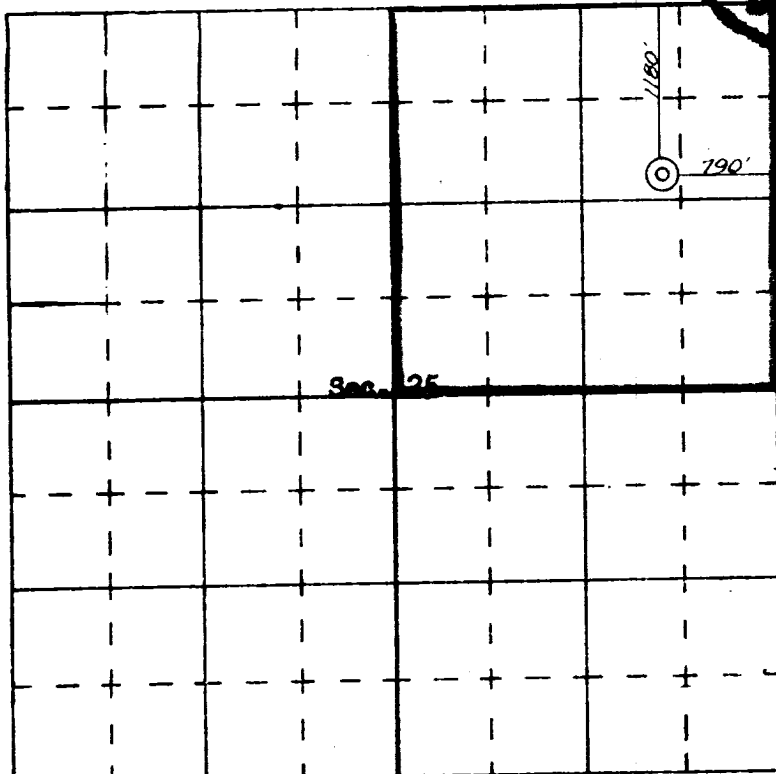
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name **J. J. Ray**
Position **Agent**
Company _____
Date **7-12-68**

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.

10 July, 1968
Date Surveyed
James P. Lane
Registered Professional Engineer
and/or Licensed Surveyor
JAMES P. LANE

160
Certificate No.



SCALE—4 INCHES EQUALS 1 MILE

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.