

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

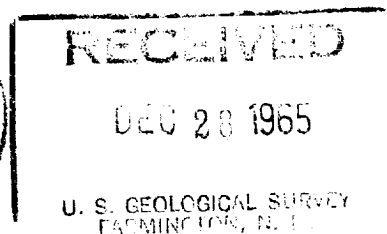
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. 15 JICARILLA TR. 23 CONTRACT
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME JICARILLA APACHE
2. NAME OF OPERATOR H. K. KEESEE			7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR Box 1995, Farmington, New Mexico			8. FARM OR LEASE NAME MARGUERITE
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) At surface 970 Feet from South Line, 1650 feet from West Line At proposed prod. zone			9. WELL NO. 2
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*			10. FIELD AND POOL, OR WILDCAT Ballard Picture Cliffs
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 970 Feet			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 20 T 23N R 3W
16. NO. OF ACRES IN LEASE 320			12. COUNTY OR PARISH Sandoval
17. NO. OF ACRES ASSIGNED TO THIS WELL 160			13. STATE New Mexico
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. Approx. 2660 feet			19. PROPOSED DEPTH 3000 feet
20. ROTARY OR CABLE TOOLS Rotary			21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7258 G. I.
22. APPROX. DATE WORK WILL START*			

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11	8 5/8	24	Approx. 100 feet	60 Sks.
7 7/8	5 1/2	15.50 #17	3000	100 Sks.

Propose to set 5 1/2" casing to base of Pictured Cliffs Sand at approx. 3000 feet, with sufficient cement to cover the OJO Alamo Sand. Will Perforate and sand water frac pictured Cliffs Sand.



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 H. K. Keesee TITLE Consultant DATE 12/20/65

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY [Signature] TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*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
WELL LOCATION AND ACERAGE DEDICATION PLAT**

RECEIVED

DEC 28 1965

All distances must be from the outer boundaries of the Section

Operator **H. K. KEESEE** Lease **Margurite** **J. K. ABLE FR 20** **2**

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

Unit Letter: **N** Section **20** Township **23 NORTH** Range **3 WEST** County **SANDOVAL**

Actual Footage Location of Well: **970** feet from the **SOUTH** line and **1650** feet from the **WEST** line

Ground Level **7257.9** Producing Formation **PICTURE CLIFFS** Pool **BALLARD PICTURE CLIFFS** Dedicated Acreage: **S/W 1/4** Acres

- Outline the acreage dedicated to the subject well by colored pencil or hachure 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 _____

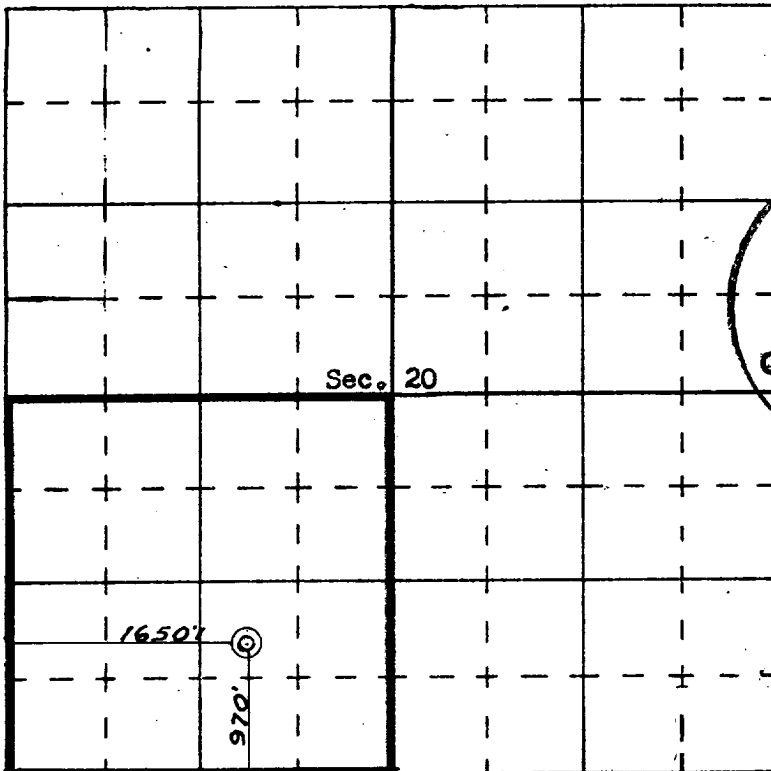
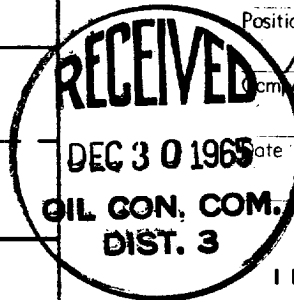
If answer is "no," list the owners and tract descriptions which have actually consolidated. (Use reverse side of this form if necessary.) _____

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.

CERTIFICATION

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

Name **W. Stanley**
Position **Bkpr**
Company **H. K. KEESEE**
Date **12-27-65**



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 **September 10, 1965**
Registered Professional Engineer and/or Land Surveyor
James E. ...
1163
Certificate No. _____

San Juan Engineering Company