

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. Lic Contract #15 Tract#23
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache
2. NAME OF OPERATOR H.A. Keesee		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P.O. Box 1995 Farmington, New Mexico		8. FARM OR LEASE NAME Keeton Apache
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 790' FNL, 790' FEL At proposed prod. zone Same		9. WELL NO. 1
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 25 miles North of Cuba N.M.		10. FIELD AND POOL, OR WILDCAT Ballard
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 790'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 19-23N-R3W
16. NO. OF ACRES IN LEASE		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. 3000'		20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7260' Gr.		22. APPROX. DATE WORK WILL START* 2-22-69

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11 1/2	7 5/8	29.70	100'	100 sacks
6 3/4	4 1/2	9.5	3000'	100 sacks

It is intended to drill a 6 3/4" hole to 3000' with mud as a circulating medium. Run 4 1/2" 5-55, 5.5# csg to T.D. Cement with 100 sacks, Perforate the Pictured Cliffs and sand-water frac.



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 James M. Thomas TITLE Petroleum Geologist DATE 2-12-69
(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED

APPROVED BY _____

CONDITIONS OF APPROVAL, IF ANY:

FEB 14 1969

JERRY W. LONG
DISTRICT ENGINEER

*See Instructions On Reverse Side

Instructions

General: This form is designed for submission of 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. It is to be submitted to the appropriate 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 re-drill or to a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsurface work proposals or reports on the well.

Item 4: If there are no applicable State requirements 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.