

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 03733
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☒		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Caulkins Oil Company		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P. O. Box 780, Farmington, New Mexico		8. FARM OR LEASE NAME Breach
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 990' from West line and 890' from South line of Section 13-26-7 At proposed prod. zone Same		9. WELL NO. 387 (180)
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 30 miles southeast of Hlanco, New Mexico		10. FIELD AND POOL, OR WILDCAT Hlanco NY Basin Dakota
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	16. NO. OF ACRES IN LEASE 2400	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 13-26-7N
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH 6900	12. COUNTY OR PARISH Rio Arriba
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6122 GL 6135 KB	20. ROTARY OR CABLE TOOLS Rotary	13. STATE New Mexico
23. PROPOSED CASING AND CEMENTING PROGRAM		22. APPROX. DATE WORK WILL START* September 15, 1965

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-3/4"	9-5/8"	32.30	262'	200 sacks
7-7/8"	4-1/2"	10.5 & 11.6	6900'	Approximately 1000 sacks*

* Sufficient cement will be used in two stages to fill annulus between 4 1/2" casing and hole to 100' above Pictured Cliffs sand. Cement requirements will be calculated from caliper log. Stage collar will be set just below Point Lookout sand.

A pressure operated blowout preventer will be in use at all times while drilling below 262'.

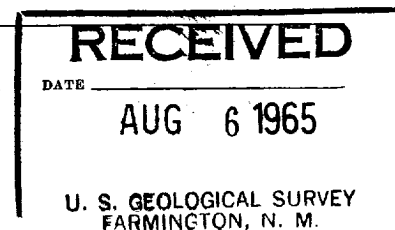
Separation of Dakota and Mesa Verde zones to be made inside 4 1/2" casing by setting Baker Model D Retainer Production Packer near top of Dakota zone. Production from the two zones will flow through parallel strings of 1 1/2" ID tubing

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 measurements and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Frank Gray TITLE Superintendent DATE August 5, 1965
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY lv TITLE _____
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.