

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYRECEIVED
MAR 31 1964

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☐ DEEPEN ☒ PLUG BACK ☐		1. LEASE DESIGNATION AND SERIAL NO. SF 078505	
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR SOUTHERN UNION PRODUCTION COMPANY		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. BOX 808, FARMINGTON, NEW MEXICO		8. FARM OR LEASE NAME SEYMOUR	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1100 FEET FROM SOUTH LINE AND 1060 FEET FROM WEST LINE. At proposed prod. zone SAME AS ABOVE		9. WELL NO. 5	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 15 MILES NORTHEAST OF BLANCO, NEW MEXICO		10. FIELD AND POOL, OR WILDCAT BLANCO MESAVERDE	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any) 1060 FT.		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 29, T-31-N, R-2-W, N.M.P.M.	
16. NO. OF ACRES IN LEASE		12. COUNTY OR PARISH SAN JUAN	
17. NO. OF ACRES ASSIGNED TO THIS WELL		13. STATE NEW MEXICO	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 4100 FT.		19. PROPOSED DEPTH	
20. ROTARY OR CABLE TOOLS ROTARY		21. APPROX. DATE WORK WILL START* APRIL 2, 1964	
22. ELEVATIONS (Show whether DF, RT, GR, etc.) 6316 FT. DERRICK FLOOR.		23. PROPOSED CASING AND CEMENTING PROGRAM	

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

WE PROPOSE TO RE-WORK THE ABOVE WELL AS FOLLOWS:

1. PULL TUBING AND RUN CASING CORROSION LOG IN 7" CASING FROM 4906 TO SURFACE.
2. SQUEEZE ANY HOLES IN 7" CASING.
3. SQUEEZE OFF OPEN HOLE FROM 4906 TO T.D. OF 5501.
4. WHIPSTOCK AT APPROX. 4950 FT. AND GAS DRILL 6-1/4" HOLE TO NEW TOTAL DEPTH OF 5700 FT.
5. RUN 4-1/2", 10.50#, J-55 CASING TO 5700 FEET. CEMENT 1ST STAGE WITH APPROX. 300 SACKS CEMENT.
6. SET 4-1/2" STAGE COLLAR AT APPROX. 3400 FT. UNDER PICTURED CLIFFS AND CEMENT TO SURFACE WITH APPROX. 400 SACKS CEMENT.
7. PERFORATE AND FRAC MESAVERDE WITH APPROX. 200,000# SAND AND 200,000 GALLONS OF WATER.
8. CLEAN OUT TO P.B.T.D. RUN 2" E.U.E., 4.7#, J-55 TUBING AND LAND AT APPROX. 5600 FT. R.K.B.

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 Gilbert D. Noland, Jr. TITLE DRILLING SUPERINTENDENT DATE MARCH 31, 1964
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ 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.