

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-21238

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐		5. LEASE DESIGNATION AND SERIAL NO. SF 078064
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Unit
2. NAME OF OPERATOR Shell Oil Company (Rocky Mountain Division Production)		7. UNIT AGREEMENT NAME Carson Unit
3. ADDRESS OF OPERATOR 1700 Broadway, Denver, Colorado 30202		8. FARM OR LEASE NAME Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1175' FSL and 1665' FSL Sec 13 At proposed prod. zone		9. WELL NO. 200
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 25 miles SE of Farmington, New Mexico		10. FIELD AND POOL, OR WILDCAT Misti Field WC
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1665' from property line	16. NO. OF ACRES IN LEASE 2559.60	11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA SW 1/4 SE 1/4 Section 13- T 25N-R 12W
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 500'	19. PROPOSED DEPTH 1300'	12. COUNTY OR PARISH San Juan
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6403 GL		13. STATE New Mexico
23. PROPOSED CASING AND CEMENTING PROGRAM		17. NO. OF ACRES ASSIGNED TO THIS WELL 160
22. APPROX. DATE WORK WILL START* 2-22-73		20. ROTARY OR CABLE TOOLS Rotary

PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"		40' (Conductor)	Ready Mix
12 1/2"	8 5/8"		300' -	200 ax
6 3/4"	2" or 2 7/8" (If needed)		1300' -	300 ax

Vicinity Map of location is attached. Drlg prognosis is enclosed.

Letter to USGS attaching Development Plan for Sfc Use w/
Supplemental Plats and Maps.

Please forward (2) approved copies to:

Oil and Gas Conservation Commission
1000 Rio Branos Road
Antec, New Mexico 87410

Attention Mr. E. C. Arnold, Supvr. & Oil & Gas Inspector

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. Original Signed by
J. A. HARNICK
SIGNED _____ For: K. R. Jordan
TITLE Division Operations Mgr. DATE 2-16-73

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ 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 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.

