

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK		DRILL ☒		DEEPEEN ☐		PLUG BACK ☐		7. UNIT AGREEMENT NAME	
b. TYPE OF WELL		OIL WELL ☒		GAS WELL ☐		SINGLE ZONE ☒		MULTIPLE ZONE ☐	
2. NAME OF OPERATOR		Cactus Drilling Corporation of Texas		3. ADDRESS OF OPERATOR		P.O. Box 2218, Dallas Texas		8. FARM OR LEASE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)		At surface		1980 FNL & 1980 FEL, Sec 23, Twp14s, Rge 29E		Chaves County, New Mexico		9. WELL NO.	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		App. 14 Miles North Loco Hills, New Mexico		15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any)		16. NO. OF ACRES IN LEASE		17. NO. OF ACRES ASSIGNED TO THIS WELL	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		3777.1 GR		19. PROPOSED DEPTH		1900		20. ROTARY OR CABLE TOOLS	
21. ELEVATIONS (Show whether DF, RT, GR, etc.)		3777.1 GR		22. APPROX. DATE WORK WILL START*		Sept. 20, 1972		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	
23. PROPOSED CASING AND CEMENTING PROGRAM		SIZE OF HOLE		SIZE OF CASING		WEIGHT PER FOOT		SETTING DEPTH	
		11"		8 5/8		20		300	
		7 7/8		5 1/2		14#		1900	
								QUANTITY OF CEMENT	
								250 Sax	
								200 Sax	

Propose to drill well with pipe program as above. Will use 10" series 900 Blow Out Preventer with 6000# test rating. Will be hydraulic operated. Tests will be made on B.O.P. before drilling plug on surface csg. Will use water, with native mud to app. 1500 ft. and to T.D. Will carry 36 Viscosity and 10# per gallon weight. If queen sand is found productive will run casing, perforate, and test same. Will stimulate well as conditions dictate. May core and/or test queen sand. See Sketch A for Planned Location. See Shetch B for Planned Roads.

SEP 25 1972

D. C. E.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give pertinent data on subsurface 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 *Walter Rosta* TITLE Vice President DATE Sept. 14, 1972
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY J. A. Kraft TITLE DISTRICT ENGINEER DATE SEP 22 1972
 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.