

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-20755

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐		5. LEASE DESIGNATION AND LESSEE NO. SF-047020 A
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		6. IS INDIAN, ALLOTTED OR TRUST NAME
2. NAME OF OPERATOR Chaparral Oil & Gas Company		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P. O. Box B, Aztec, New Mexico		8. TRACT OR LEASE NAME Shelly
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At proposed prod. zone 1850 FNL & 1850 FEL, Section 34-29N-11W		9. WELL NO. #2
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		10. FIELD AND POOL, OR WILDCAT Fulcher - Aztec Pictured Cliffs
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)		11. TOWN, T., R. OR COR. AND SURVEY OF AREA Section 34-29N-11W
16. NO. OF ACRES IN LEASE 161.58		12. COUNTY OR PARISH 13. STATE San Juan N. M.
17. NO. OF ACRES ASSIGNED TO THIS WELL 161.58		18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
19. PROPOSED DEPTH 1855		20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5600 Gr.		22. APPROX. DATE WORK WILL START*

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9-7/8"	7"	23#	100'	100 sxs
6-1/4"	3-1/2"	7.7#	1855'	150 sxs

PROPOSE TO:

- (1) Drill 9-7/8" hole to 100', set 7" surface casing with 100 sxs of cement.
- (2) Drill 6-1/4" hole to T.D. of 1855', set 3-1/2" casing with 150 sxs of cement.
- (3) Perforate Pictured Cliffs formation.
- (4) Sand/water frac with 30,000# sand and 30,000 gals water.
- (5) Run 1" tubing and complete.

RECEIVED

MAR 18 1971

U. S. GEOLOGICAL SURVEY
WASHINGTON, D. C.

Acreage Dedication: NE 1/4, Section 34-29N-11W, 161.58 acres

IN ABOVE I HAVE DESCRIBED 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 J. C. Gower TITLE Vice President DATE March 18, 1971
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY SM TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY: