

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

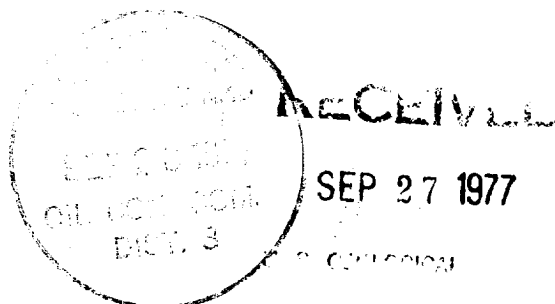
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input type="checkbox"/> DEEPEN <input checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-5036
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo
2. NAME OF OPERATOR Shiprock Oil & Gas Corporation		7. UNIT AGREEMENT NAME Navajo J.
3. ADDRESS OF OPERATOR P.O. Box 1367, Farmington, N.M. 87401		8. FARM OR LEASE NAME Navajo J.
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 2475 from South line & 1980 from East line At proposed prod. zone Gallup		9. WELL NO. J-10
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 4 mi. SW of Shiprock N.M.		10. WELD AND POOL, OR WILDCAT Shiprock Gallup
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	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 17, 29N, 18W.
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH 104'	12. COUNTY OR PARISH San Juan
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5214 GR.	20. ROTARY OR CABLE TOOLS Rotary (air)	13. STATE New Mexico
22. APPROX. DATE WORK WILL START* 9-26-77		

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
7"	5 1/2 OD.	14#	74'	None
4 3/4"			104'	

Going to deepen 10 ft. and ream out from bottom of casing to O.D. of 104'.



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 Pat Johnson TITLE Asst DATE 9/26/77
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY: