

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐		5. LEASE DESIGNATION AND SERIAL NO. 14-20-604-5548
b. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Aztec Oil & Gas Company		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR Drawer 570, Farmington, New Mexico		8. FARM OR LEASE NAME Middle Canyon
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 2190 FNL & 900 FWL, Section 14-32N-15W At proposed prod. zone		9. WELL NO. #3
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		10. FIELD AND POOL, OR WILDCAT Undesignated Dakota
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drg. unit line, if any)		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Section 14-32N-15W
16. NO. OF ACRES IN LEASE		12. COUNTY OR PARISH San Juan
17. ACRES ASSIGNED THIS WELL 40 Acres		13. STATE New Mexico
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		20. ROTARY OR CABLE TOOLS Rotary Tools
19. PROPOSED DEPTH 3414'		21. APPROX. DATE WORK WILL START*
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6643 Gr		

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	8-5/8"	24#	100'	100 sxs
7-7/8"	4-1/2"	9.5#	3414'	300 sxs

PROPOSE TO:

Drill 15" hole to 100', set 8-5/8" surface casing, cmt with 100 sxs.
Drill 7-7/8" hole to TD 3414', or thru Dakota Formation.
Run 4-1/2" casing at TD, cmt with 300 sxs.
Perf & Sand/Oil Frac.
Install Rods & Pump.

Amended - To Revise Surface Casing Program.

PRODUCTION UNIT: SW NW - Section 14-32N-15W

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 J. Lee O. Johnson TITLE District Superintendent DATE July 7, 1970
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

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

OK

*See Instructions On Reverse Side

