

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. NM 01614	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Aztec Oil and Gas Company		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR Drawer 570, Farmington, New Mexico		8. FARM OR LEASE NAME Thompson	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 990 FSL & 1110 FWL, Sec. 34-31N-12W At proposed prod. zone		9. WELL NO. 7	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		10. FIELD AND POOL, OR WILDCAT Dakota - Mesaverde	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 34-31N-12W	
16. NO. OF ACRES IN LEASE 320		12. COUNTY OR PARISH San Juan	
17. NO. OF ACRES ASSIGNED TO THIS WELL 320		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	
19. PROPOSED DEPTH 7090		22. APPROX. DATE WORK WILL START*	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6016 GL			

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
7-7/8	4 1/2		7090	825 sx

Propose to:

Pull 2-3/8" tubing
Re-frac Dakota formation
Set Bridge Plug above Dakota
Perforate approximately 4700' 2 SPF & block squeeze Point Lookout formation
Perforate and frac Point Lookout Formation
Run Baker Model D Packer approximately 100' above Dakota
Run 1 1/2" tubing
Complete as a dual Mesaverde-Dakota

RECEIVED

JUL 17 1968

U. S. GEOLOGICAL SURVEY



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 Jac O. Simon TITLE District Superintendent DATE 7-16-68
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

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