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NEW MEXICO OIL CONSERVATION COMMISSION

OCT 3 1977

O. C. C.
ARTESIA, OFFICE

30-015-22308

Form C-101
Revised 1-4-65

5A. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FREE <input type="checkbox"/>
5. State Oil & Gas Lease No.	L-6518

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name Palmillo-State Comm.	
2. Name of Operator Aztec Oil & Gas Company c/o Southland Royalty Company		9. Well No. 1	
3. Address of Operator 1100 Wall Towers West Bldg., Midland, TX 79701		10. Field and Pool, or Wildcat Turkey Track, N. (MORROW)	
4. Location of Well UNIT LETTER G LOCATED 1731 FEET FROM THE north LINE AND 2310 FEET FROM THE east LINE OF SEC. 32 TWP. 18-S RGE. 29-E NMPM		11. County Eddy	
12. Proposed Depth 11,450'		19A. Formation Morrow	
21A. Kind & Status Plug. Bond Blanket		20. Rotary or C.T. Rotary	
21. Elevations (show whether Dr., Rt., etc.) 3432.9' G.L.		22. Approx. Date Work will start 10-5-77	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	13 3/8"	48#	350'	375	Circ.
11	8 5/8"	24#	3,300'	1200	Circ.
7 7/8"	4 1/2"	11.6#	11,450'	700	8500'

Propose to set 13 3/8" csg. @ 350', circ. cement. Set 8 5/8" csg. into San Andres to below any perforated interval in Ioco Hills, South field wells in area of proposed location. Circulate cement on 8 5/8" back to surface. Drill to T.D. of 11,450', test Morrow and intermediate horizons. If commercial, will run 4 1/2" csg. to T.D. Cement w/sufficient cement to bring cement back to 7000'. Perforate and stimulate for production.

Mud Program: 0-375' spud mud; 375-3300 brine water, paper; 3300-7500' fresh water, paper; 7500-9500' cut brine water and gel 9.3#, Vis 30; 9500-11,450' starch, gel, Flosal, Drispac 9.7#/gal., Vis 36, WL 3. No abnormal pressures are expected.

BOP Program: BOP will be installed on 13 3/8" csg, double 10" Ser 900, Double BOP 10" Ser 900 plus 10" Ser 900 Hydril will be installed on 8 5/8" csg. BOP will be tested daily.

Gas is not dedicated.

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

EXPIRES 1-4-78

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed C. Harvey Title District Engineer Date 9-30-77

(This space for State Use)

APPROVED BY W. A. Gussert TITLE SUPERVISOR, DISTRICT II DATE OCT 4 1977

CONDITIONS OF APPROVAL, IF ANY:

