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NEW MEXICO OIL CONSERVATION COMMISSION

NOV 10 1977

O. C. C.
ARTESIA, OFFICE

30-015-22343

Form C-101
Revised 1-4-65

5A. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FILE <input type="checkbox"/>
5. State Oil & Gas Lease No.	K-4795

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. Firm or Lease Name Palmillo-State Comm.	
2. Name of Operator Aztec Oil & Gas Company c/o Southland Royalty Company		9. Well No. 2	
3. Address of Operator 1100 Wall Towers West, Midland, TX 79701		10. Field and Pool, or Wildcat Turkey Track, N (Morrow)	
4. Location of Well UNIT LETTER J LOCATED 1980 FEET FROM THE south LINE 1980 FEET FROM THE east LINE OF SEC. 32 TWP. 18-S RGE. 29-E NMPM		12. County Eddy	
19. Proposed Depth 11,450'		19A. Formation Morrow	
20. Rotary or C.T. Rotary		21. Elevation (Show whether DT, RL, etc.) 3420.8 GRAVIM LEVEL	
21A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor Hondo Drlg., Rig #3	
22. Approx. Date Work will start 11-11-77			

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'	425	Circ.
11	8 5/8	24#	3200'	1200	Circ.
7 7/8	4 1/2	11.6#	11,400'	1400	7000'

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

Mud Program: 0-375' spud mud; 375-3300' brine wtr, paper; 3300-7500' fresh wt; paper; 7500-9500' cut brine wtr & gel 9.3#, Vis 30; 9500-11,350' 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 PRODUCTION AND PROPOSED NEW PRODUCTION. GIVE SLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed C. Harney Title District Engineer Date 11-9-77

(This space for State Use)

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE NOV 10 1977

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,
EXPIRES 2-10-78