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NEW MEXICO RECEIVED COMMISSION

30-015-22295  
Form C-101  
Revised 1-1-65

MAY - 1 1978

O. C. C.  
ARTESIA, OFFICE

5A. Indicate Type of Lease  
STATE  FEE

5. State Oil & Gas Lease No.  
LG-4425

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> CIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Firm or Lease Name Parkway State Com.	
2. Name of Operator Southland Royalty Company		9. Well No. 1	
3. Address of Operator 1100 Wall Towers West, Midland, Texas 79701		10. Field and Pool, or Without Undesignated (Morrow)	
4. Location of Well UNIT LETTER <u>K</u> LOCATED <u>1980</u> FEET FROM THE <u>South</u> LINE <u>1980</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>15</u> TWP. <u>19-S</u> RGE. <u>29-E</u> NMPM		11. County Eddy	
12. Proposed Depth 11,600		13. Formation Morrow	
14. Elevation (Show whether DI, KI, etc.) 3322' GR		15. Rotary or C.R. Rotary	
21A. Kind & Status Plug Head Blanket		21B. Drilling Contractor Hondo Drilling Rig#5	
22. Approx. Date Work will start 5-1-78			

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"	54.5	400	400	Circ
11"	8-5/8"	24#	3000	1100	Circ
7-7/8"	4-1/2"	11.6#	11,600	1350	7000'

*Amended application formerly Anadarko Prod Co. S. Turkey Track State Com #1*

Prepare to set 13-3/8" @ 400', circ cement. Drill w/brine water to prevent excessive wash-out into San Andres, set 8-5/8" @ 3000', circ cement. Drill to TD to test Morrow and intermediate horizons. If commercial will run csg to TD. Cement w/sufficient cement to bring cement above any productive horizons or approx 7000'. Will run cement staging tool @ 10,000' to obtain better cement job if intermediate horizons productive. Perf and stimulate Morrow.

Mud Program: 0-400 Spud mud; 400-3000' 10# brine water. 3000-7500' fresh water, 7500-9500' cut brine water and gel 9.3, vis 32. 9500-TD starch gel, flosal, Drispac 9.6 - 9.8#, vis 36-40, WL 4 cc thru Morrow. Bottom hole pressure @ TD expected to be 4700 psi. No abnormal pressures expected.

BOP Program: BOP to be installed on 13-3/8"-double 10" Ser 900. BOP installed on 8-5/8" csg - double 10" Ser 900 plus 10" Ser 900 Hydril. BOP test **APPROVAL VALID**

GAS IS NOT DEDICATED

FOR 90 DAYS UNLESS DRILLING

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.

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

Signed C. Harvey Carr Title District Engineer Date 4-28-78

(This space for State Use)

APPROVED BY W. A. Gussert TITLE SUPERVISOR, DISTRICT II DATE APR 28 1978

CONDITIONS OF APPROVAL, IF ANY:

Cement must be set to surface behind 13 3/8" casing