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NEW MEXICO OIL CONSERVATION COMMISSION

OCT 18 1979

O. C. C.  
ARTESIA, OFFICE

30-015-23041

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No. L-6420
7. Unit Agreement Name
8. Firm or Lease Name State "14A" Com.
9. Well No. 1
10. Field and Pool, or Widest Undesignated (Turkey Track - Morrow)
11. County Eddy
12. Proposed Depth 11,900'
13A. Formation Morrow
13. Rotary or C.T. Rotary
14. Elevation (Show whether DF, RT, etc.) 3357' GR
21A. Kind & Status Plug Bond Blanket
21B. Drilling Contractor Hondo Drlg. Co. Rig #5
22. Approx. Date Work will start Upon approval

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK	
1a. Type of Work b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>	
2. Name of Operator Southland Royalty Company	
3. Address of Operator 1100 Wall Towers West, Midland, Texas 79701	
4. Location of Well UNIT LETTER G LOCATED 1325 FEET FROM THE north LINE AND 2303 FEET FROM THE east LINE OF SEC. 14 TWP. 19S RGE. 29E NMPN	
23. R-111-A Casing Program: PROPOSED CASING AND CEMENT PROGRAM	
SIZE OF HOLE	SIZE OF CASING
24"	20"
17 1/4"	13 3/8"
11"	8 5/8"
7 7/8"	4 1/2"
WEIGHT PER FOOT	SETTING DEPTH
94#	250'
48#	*1200' / 1350'
24#	2800'
11.6#	11,850'
SACKS OF CEMENT	EST. TOP
350	Circ. to surface
1000	Circ. to surface
1200	Circ. to surface
800 / 1350	9000'

Set 20" csg. at 250' at T/salt, circ. cement. Drill 17 1/4" hole to B/salt @ 1200' w/brine water set 13 3/8", circ. cement. Drill 11" hole to 2800' w/brine water, set 8 5/8" and circ. cement. Drill ahead 7 7/8" hole with fresh water to 7500'. Add brine water @ 7500' to raise mud wt. Drill to TD to test Morrow and intermediate horizons. If commercial will run 4 1/2" csg. to TD. Cement w/sufficient cement to bring cement above all prospective zones. Estimated T/cement to be about 9000'. Perforate and stimulate Morrow for production. MUD PROGRAM: 0-250'-spud mud. 250'-1200' 10# brine water. 1200-2800' 10# brine water. 2800-7500' fresh water; 7500-9500' cut brine water; 9055-TD starch, gel, Flosal, Drispac 10.0# vis. 36-40, wl 6 cc through Morrow, Bottom hole pressure at TD anticipated to be 4700 psi. No abnormal pressure expected. BOP PROGRAM: BOP to be installed on 20" csg: Single (rental) 20" 2000#. BOP to be installed on 13 3/8" csg: Double 13 5/8" 3000#. BOP to be installed on 8 5/8" csg: - Double 10" ser 900-3000# plus 10" ser 900-3000# Hydril plus drilling head. After nipping up BOP on 8 5/8" csg. will test with Yellow Jacket, Inc. Test BOP daily while drilling.

NOTE" This location is in R-111-A Potash Area copy of this application to be sent by registered mail to: Amax Chemical Company, P.O. Box 279, Carlsbad, New Mexico. 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.

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

Signed C. Harney Carr Title District Engineer Date 10-18-79

(This space for State Use)

APPROVED BY W. A. Gussett TITLE SUPERVISOR, DISTRICT 11 DATE OCT 22 1979

CONDITIONS OF APPROVAL, IF ANY:  
Subject to NSL approval after testing 11-14-79  
Subject to Possible Penalty due to NSL  
Notify N.M.O.C.C. in at least time to witness cementing  
20" 13 3/8" 8 5/8" 17 1/4" 15 1/4"