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NEW MEXICO OIL CONSERVATION COMMISSION

Form O-101
Revised 1-4-65

5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No. E-9141

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name Groom Ridge Unit
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Name or Lease Name State GRA
2. Name of Operator Shell Oil Company		9. Well No. 1
3. Address of Operator P. O. Box 1858, Roswell, New Mexico 88201		10. Field and Pool, or Wildcat Wildcat
4. Location of Well UNIT LETTER <u>E</u> LOCATED <u>1980</u> FEET FROM THE <u>north</u> LINE AND <u>660</u> FEET FROM THE <u>west</u> LINE OF SEC. <u>3</u> TWP. <u>22S</u> RGE. <u>34E</u> NMPM		12. County Lea
19. Proposed Depth 13,400'		19A. Formation Pennsylvanian
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 3650' DF est.
21A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor Undetermined
22. Approx. Date Work will start June 1, 1965		

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
20"	16"	65#	350'	400	Circulated
15"	10 3/4"	51#, 55#	5700'	1000	3500
9 5/8"	7 5/8"	33.7# & 29.7#	11,925'	500	9500
6 5/8"	5 1/2" Lin.	15.5#, 17#	13,400'	250	11,500 (top of liner)

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. R. Coffey Original Signed By C. R. Coffey Title Acting District Exploitation Engineer Date May 26, 1965

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: