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OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION
OFFICE O. C. C.

MAY 23 11 56 AM '69

Form C-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. K-3412	
7. Unit Agreement Name	
8. Farm or Lease Name Great Western - State	
9. Well No. 1	
10. Field and Pool, or Wildcat UNDESIGNATED	
12. County Lea	
19. Proposed Depth 10,300	19A. Formation Pennsylvanian
20. Rotary of C.T. Rotary	
21. Elevations (Show whether DF, RT, etc.) 4289 GR	21A. Kind & Status Plug. Bond Blanket
22. Approx. Date Work will start Immediately	

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"/>	
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>	
2. Name of Operator SOUTHWESTERN NATURAL GAS, INC.	
3. Address of Operator 900 Bldg. of the Southwest, Midland, Texas 79701	
4. Location of Well UNIT LETTER F LOCATED 2310 FEET FROM THE North LINE AND 1980 FEET FROM THE West LINE OF SEC. 27 TWP. 15-S RGE. 32-E NMPM	
19. Proposed Depth 10,300	
19A. Formation Pennsylvanian	
20. Rotary of C.T. Rotary	
21. Elevations (Show whether DF, RT, etc.) 4289 GR	21A. Kind & Status Plug. Bond Blanket
22. Approx. Date Work will start Immediately	

23.

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#	450	450-circ	Surface
11"	8 5/8"	23#, 28# & 32#	4180	400	1380
7 7/8"	4 1/2"	11.6#	10,300	400	7500

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED

EXPIRES **Oct. 13, 1969**

THE OPERATOR MUST BE NOTIFIED
24 HOURS PRIOR TO RUNNING **13 3/8"**
CASING.

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 Marty J. Smith Title Geologist Date May 22, 1969

(This space for State Use)

APPROVED BY John W. Runyan TITLE Geologist DATE JUL 15 1969

CONDITIONS OF APPROVAL, IF ANY: