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NEW MEXICO OIL CONSERVATION COMMISSION

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.	
LG 1429	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work Re-entry		7. Unit Agreement Name	
b. Type of Well DRILL <input type="checkbox"/> DEEPEN <input checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/>		8. Farm or Lease Name Santa Fe Lea "L"	
OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		9. Well No. 1	
2. Name of Operator Southern Union Exploration Company		10. Field and Pool, or Wildcat Wildcat	
3. Address of Operator 1306 Gihls Tower West Midland, Texas 79701		11. County Lea	
4. Location of Well UNIT LETTER G LOCATED 1980 FEET FROM THE North LINE AND 1980 FEET FROM THE East LINE OF SEC. 14 TWP. 15-S RGE. 34-E NMPM		12. County Lea	
13. Proposed Depth 12800 TVD		19A. Formation Morrow	
21A. Kind & Status Plug. Bond Blanket		20. Rotary or C.T. Morrow	
21. Elevations (Show whether DF, RT, etc.) 4068 GR		22. Approx. Date Work will start 6/15/78	
21B. Drilling Contractor MGF		23. Existing	

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#	372	375	Cir
* 12 1/2	9 5/8	36# & 40#	4650	2450	Cir
8 3/4	5 1/2	17#	12700	500	11200

- 1) M.I. & Nipple up w/BOP (See attached for description)
- 2) Drill Plugs @ Surface, 4670, 5950, 8000 & 10500
- 3) Set Cement plug @ 10,400', Dress Off, Run Dyna-Drill w/2 1/2" Bent Sub.
- 4) Randomly Deviate hole around junk @ 10,700 & Drill to ±12,700.
- 5) Run 5 1/2 Production casing and complete in the Morrow Section.

* Existing

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 J. W. Mulligan Title Agent Date May 18, 1978

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT DATE MAY 22 1978

CONDITIONS OF APPROVAL, IF ANY: