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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. 00453

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> 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"/>		7. Unit Agreement Name
2. Name of Operator Southern Union Supply Company		8. Farm or Lease Name SUPCO-State
3. Address of Operator 1402 Fidelity Union Tower, Dallas, Texas 75201		9. Well No. 1
4. Location of Well UNIT LETTER F LOCATED 1980 FEET FROM THE North LINE AND 1980 FEET FROM THE West LINE OF SEC. 17 TWP. 17S RGE. 34E NMPM		10. Field and Pool, or Wildcat Undesignated
		12. County Lea
		19. Proposed Depth 13700
		19A. Formation Morrow
		20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 4086 GL	21A. Kind & Status Plug. Bond blanket	21B. Drilling Contractor Will Notify
		22. Approx. Date Work will start May 20, 1976

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#	375	400	Circulated
11"	8 5/8	24# & 32#	4750	1500	Circulated
7 7/8"	5 1/2	17#	13600	825	8000

This is a Morrow completion attempt at the proposed depth of 13,700. We propose to set 375 feet of 13 3/8" surface casing with 400 sacks of cement, 4750' of 8 5/8" intermediate casing which will be cemented to the surface, and, in the event commercial production is established, 5 1/2" casing will be set to a depth of 13,600 feet with 825 sacks of cement. Once 13 3/8" casing is run, a blowout preventor will be installed. All casing will be pressure tested prior to drilling out cement. PVT, flow sensor and pump stroke counter will be installed after drilling out from under intermediate casing.

**Acres is not dedicated to a gas purchaser**

APPROVAL VALID  
FOR 30 DAYS UNLESS  
DRILLING COMMENCED,

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSED 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 David J. Ahalt Title Drilling Engineer Date 4/27/76

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT 7 DATE APR 30 1976

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

APR 29 1976

OIL CONSERVATION COMM.  
HOBBS, N. M.