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NEW MEXICO OIL CONSERVATION COMMISSION

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-6881

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work			7. Unit Agreement Name		
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> 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"/>			8. Farm or Lease Name Superior-State		
2. Name of Operator Southern Union Supply Company			9. Well No. 1		
3. Address of Operator 1800 First International Building, Dallas, Texas 75270			10. Field and Pool, or Wildcat <del>Unassigned</del>		
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>16</u> TWP. <u>17-S</u> RGE. <u>34-E</u> NMPM			12. County Lea		
19. Proposed Depth 6300			19A. Formation Glorieta		20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 4870 G-1		21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor		22. Approx. Date Work will start April 15, 1977

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4	8-5/8	24	1600	1000	Surface
7-7/8	4-1/2	9.5&10.5	6300	1600	Surface

It is proposed to drill a well to test all formations down through the top of the Glorieta at the above location. Approximately 1600' of 8-5/8" casing will be set and cemented to the surface. A 7-7/8" hole will be drilled to TD and if production is indicated 4-1/2" casing will be set and cemented to the surface. No pressure problems are anticipated at this depth.

Blow Out Preventor consisting of blind rams, pipe rams, and hydrill type rams will be installed when surface pipe is set.

Surface pipe and blow out preventors will be pressure tested to 1500# for 30 minutes.

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 [Signature] Title Drilling Engineer Date 4/14/77

(This space for State Use)

APPROVED BY [Signature] TITLE [Signature] DATE APR 14 1977

CONDITIONS OF APPROVAL, IF ANY:

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APR 14 1977

OIL CONSERVATION COMM.  
HOBBS, N. M.

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section

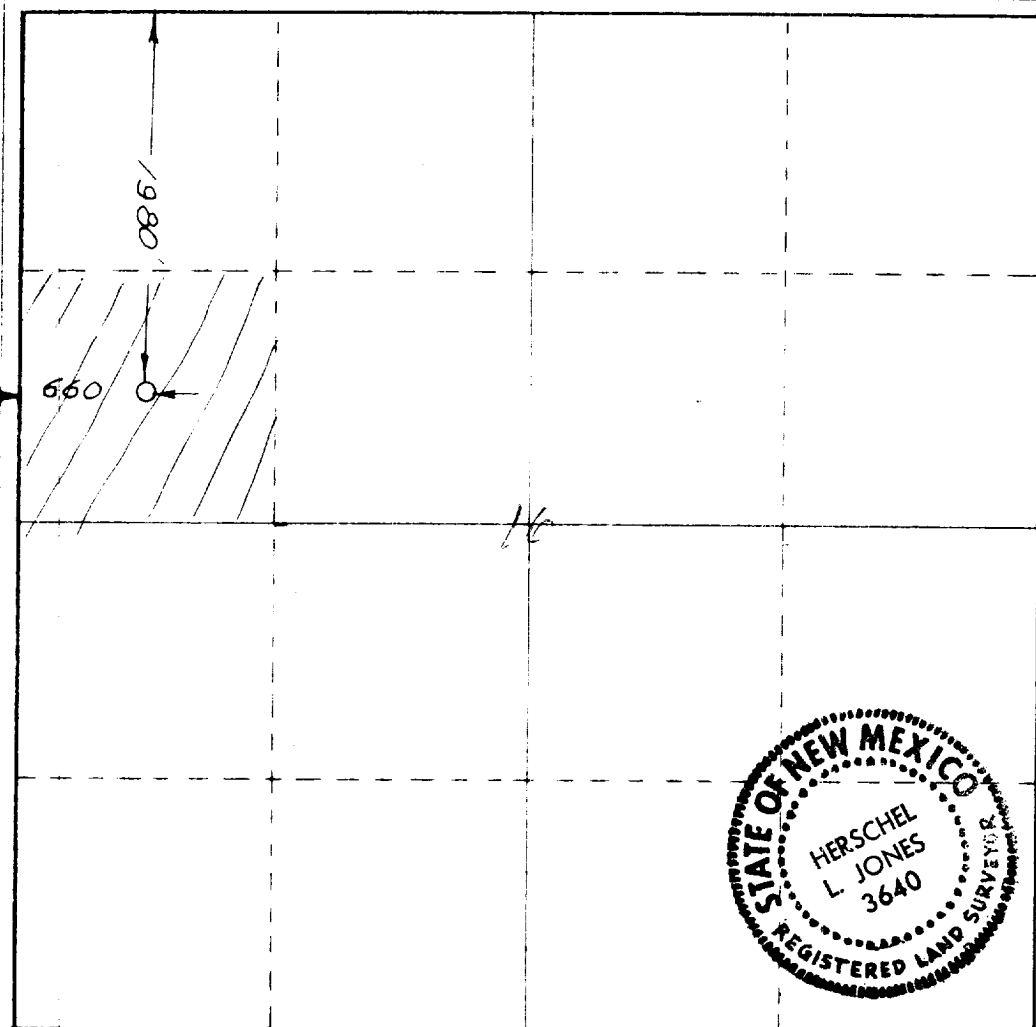
Operator <b>SOUTHERN UNION SUPPLY COMPANY</b>			Lease <b>Superior State</b>		Well No. <b>1</b>
Tract Letter <b>"E"</b>	Section <b>16</b>	Township <b>17 South</b>	Range <b>34 East</b>	County <b>Lea</b>	
Actual Footage Location of Well:					
<b>1980</b> feet from the <b>North</b> line and <b>660</b> feet from the <b>West</b> line					
Ground Level Elev. <b>4080.0</b>	Producing Formation <b>Glorieta</b>	Pool	Dedicated Acreage: <b>40</b> Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes    ☐ No    If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



**CERTIFICATION**

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

Name *Dwight McCall*  
 Position *Drilling Engineer*  
 Company *Southern Union Supply Co*  
 Date *4/14/77*

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed **April 12, 1977**

Registered Professional Engineer and/or Land Surveyor

*Herschel L. Jones*  
 Certificate No. **3640**

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OIL CONSERVATION COMM.  
HOBBS, N. M.

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