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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.	

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

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>		8. Farm or Lease Name <b>State V</b>	
OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		9. Well No. <b>6</b>	
2. Name of Operator <b>Shell Oil Company</b>		10. Field and Pool, or Wildcat <b>Vacuum (GB-SA)</b>	
3. Address of Operator <b>P. O. Box 1509, Midland, Texas 79701</b>		12. County <b>Lea</b>	
4. Location of Well UNIT LETTER <b>P</b> LOCATED <b>990</b> FEET FROM THE <b>South</b> LINE AND <b>890</b> FEET FROM THE <b>East</b> LINE OF SEC. <b>27</b> TWP. <b>17-S</b> RGE. <b>35-E</b> NMPM			
19. Proposed Depth <b>5992 PB</b>		19A. Formation <b>Grayburg-SA</b>	
20. Rotary or C.T.			
21. Elevations (Show whether DF, RT, etc.) <b>3935 DF</b>		21A. Kind & Status Plug. Bond <b>Blanket</b>	
21B. Drilling Contractor		22. Approx. Date Work will start <b>Immediately</b>	

23.

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
11"	8 5/8"	24#	1682'	800	Surface
7 7/8"	4 1/2"	9.5#	6300'	700	

1. Set CIBP at 5992' and cap with 1 sx cement.
2. Perforate at 4429, 4441, 4449, 4455, 4459, 4473, 4479, 4486, 4495, 4499, 4509, 4518, 4533, 4548 and 4556 with 1 JSPP.
3. Acidize 4429-4556 with 1500 gal 15% NEA.
4. Fracture treat 4429-4556 with 20,000 gal gelled brine + 2# sand/gal.
5. Perforate at 4211, 4213, 4225, 4237, 4260, 4262, 4277, 4301, 4305, 4317 and 4336 w/1 JSPP.
6. Acidize 4211-4336 with 1000 gal 15% NEA.
7. Fracture treat 4211-4336 with 15,000 gal gelled water + 2# sand/gal.
8. Test and complete as warranted.

State V No. 2 is presently assigned to this acreage. In the event State V No. 6 is a successful producer, V No. 2 will be shut in.

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. R. Farina J. R. Farina Title Senior Production Engineer Date 11-2-72

(This space for State Use)

Orig. Signed by  
John Runyan  
Geologist

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE NOV 6 1972

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

10 - 3 1972

OIL CONSERVATION COM.  
HOBS, N. M.