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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.
7. Unit Agreement Name
8. Farm or Lease Name Heidel
9. Well No.
10. Field and Pool, or Wildcat Re-Entry for SWD
12. County Lea

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK	
1a. Type of Work b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Re-Entry <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>	2. Name of Operator Union Texas Petroleum Corporation 3. Address of Operator 1400 Wilco Building, Midland, Texas 79702 4. Location of Well UNIT LETTER J LOCATED 1650 FEET FROM THE South LINE AND 2310 FEET FROM THE East LINE OF SEC. 1 TWP. 14-S RGP. 37-E N40W
19. Proposed Depth 6750	19A. Formation San Andres-Glorieta
20. Rotary or C.T. Rotary	21. Elevations (Show whether Dr, RL, etc.) 3827 GL
22. Approx. Date Work will start ASAP -	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17½	13 3/8"		305	350	Circ.
12½	9 5/8"	36#	4661	750 plus 700	Circ.

The Heidel #1 was plugged in 1968. We propose to Re-enter the well and convert it to a Salt Water Disposal Well in the San Andres and Glorieta reservoirs. Currently the well has a 9 5/8" stub at 1473' with a 25 sack cement plug set across this stub. We propose to tie back into this stub with 9 5/8" 36# casing and cement the well to the surface using a DV tool. We will then drill out to the cement plug at 4642'± (across 9 5/8" casing shoe). We will pressure test 9 5/8" casing, if the 9 5/8" casing will not hold pressure, 5 ½ casing will be set. The plug across the 9 5/8" casing shoe will be drilled out and the well cleaned out to 6800'. A 25 sack cement plug will be set at 6800' at the base of the Glorieta. 2 7/8" internally plastic coated tubing and a packer will be set at 4600'. The well will then be ready to inject into the open hole section from 4661' to 6750'±

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 William L. Higgins Title Production Services Supervisor Date March 8/1983
(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

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MAR 9 1983

O.C.D.
HOBBS OFFICE