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# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-55

5A. Indicate Type of Lease  
STATE ☒ FEE ☐

5. State Oil & Gas Lease No.

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

1a. Type of Work b. Type of Well DRILL <input checked="" type="checkbox"/> Re-Entry DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Water Disposal SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		7. Unit Agreement Name
2. Name of Operator Union Texas Petroleum Corporation		8. Farm or Lease Name Heidel
3. Address of Operator 1400 Wilco Building, Midland, Texas 79702		9. Well No. /
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 RGE. 37-E N.M.P.M.		10. Field and Pool, or Wildcat Re-Entry for SWD
		12. County Lea
		19. Proposed Depth 6750
		19A. Formation San Andres-Glorieta
		20. History or C.T. Rotary
21. Elevations (Show whether DT, 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 PRODUCTION ZONE. GIVE SLOTTED SCREEN PROGRAM, IF ANY.

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

Signed William A. Higgins Title Production Services Supervisor Date March 8, 1983

(This space for State Use)  
ORIGINAL SIGNED BY EDDIE SEAY

APPROVED BY OIL & GAS INSPECTOR TITLE DATE MAY 16 1983

CONDITIONS OF APPROVAL, IF ANY:

NE MEXICO OIL CONSERVATION COMMISS  
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.

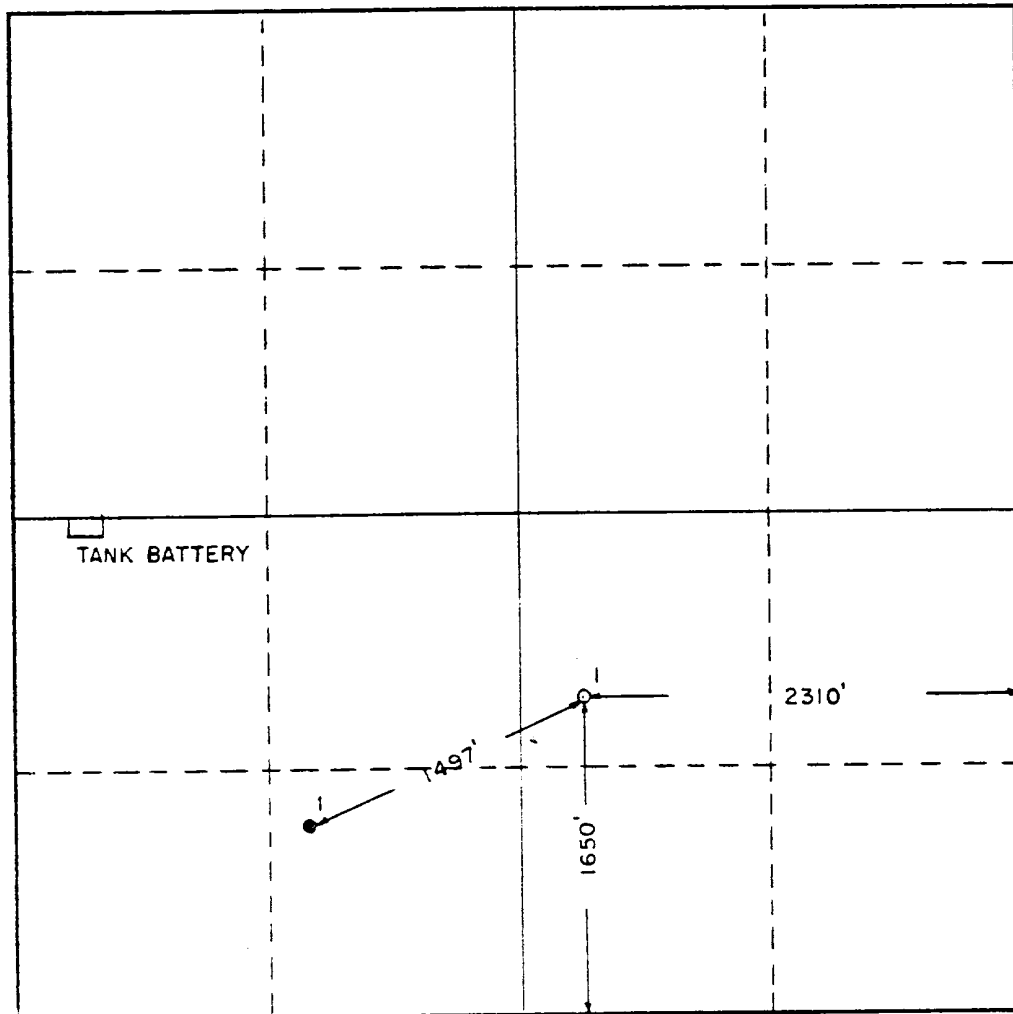
Operator <b>Union Texas Petroleum Corp.</b>		Lease <b>Heidel</b>		Well No. <b>1</b>
Unit Letter <b>J</b>	Section <b>1</b>	Township <b>14-S</b>	Range <b>37-E</b>	County <b>Lea</b>
Actual Footage Location of Well: <b>2310</b> feet from the <b>East</b> line and <b>1650</b> feet from the <b>South</b> line				
Ground Level Elev. <b>3829</b>	Producing Formation	Pool	Dedicated Acreage:  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

Position

Company

Date

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

**APR. 11, 1983**

Registered Professional Engineer  
and/or Land Surveyor

*Mark E. Spence*

Certificate No.

**2189**