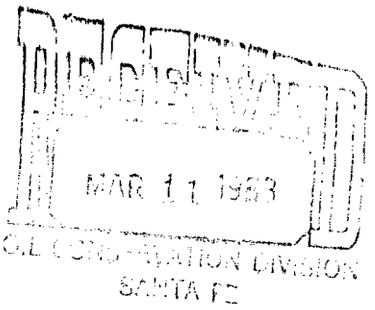
Union Texas Petroleum

Southwest Division
1300 Wilco Building
Midland, Texas 79701
(915) 684-0600



March 8, 1983

Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, N.M. 87501

Re: Application to convert the Texas Crude No.1 Heidel plugged and abandoned well to the Union Texas Petroleum Corporation - Heidel No.1 SWD.
Location: 1650' FSL & 2310' FEL of Section 1, T-14-S, R-37-E, King (Devonian) Pool, Lea County, New Mexico.

Gentlemen:

A copy of the application by Union Texas Petroleum Corporation to inject salt water into an unproductive underground formation has been sent by certified mail to the surface owners and to the offset operators. A list of these persons and their addresses are as follows:

Cleo Fuchs (Surface Owner ½ interest)
Star Route
Eagle Nest, N.M. 87718

Finis Heidel (Surface owner ½ interest)
P.O. Box 1599
Lovington, N.M. 88260

Reading and Bates (Lessee SE/4 Section 1)
1100 Mid-Continent Building
409 S. Boston Avenue
Tulsa, OK 74103

Sun Exploration & Production Co. (Lessee SW/4 Section 6)
One Petroleum Center, Building 8, Suite 204
Midland, Texas 79701
Attn: Robert Porter

Post Petroleum Company (Lessee N/2 Section 12, SW/4 Section1)
Western United Life Building
Midland, Texas 79701

Sincerely,

W. A. Higgins
Production Services Supr.

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501

FORM C-108
Revised 7-1-81

RECEIVED
MAR 11 1983
OIL CONSERVATION DIVISION
SANTA FE

APPLICATION FOR AUTHORIZATION TO INJECT

I. Purpose: ☐ Secondary Recovery ☐ Pressure Maintenance ☒ Disposal ☐ Storage
Application qualifies for administrative approval? ☐ yes ☐ no

II. Operator: Union Texas Petroleum Corporation

Address: 1300 Wilco Building, Midland, Texas 79701

Contact party: William A. Higgins Phone: 915-684-0600 or (0619)

III. Well data: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.

IV. Is this an expansion of an existing project? ☐ yes ☒ no
If yes, give the Division order number authorizing the project _____.

V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.

* VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.

VII. Attach data on the proposed operation, including:

1. Proposed average and maximum daily rate and volume of fluids to be injected;
2. Whether the system is open or closed;
3. Proposed average and maximum injection pressure;
4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and
5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).

*VIII. Attach appropriate geological data on the injection zone including appropriate lithologic detail, geological name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such source known to be immediately underlying the injection interval.

IX. Describe the proposed stimulation program, if any.

* X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division they need not be resubmitted.)

* XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.

XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.

XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.

XIV. Certification

I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name: Gary R. Hendricks Title Petroleum Engineer

Signature: Gary R Hendricks Date: March 3, 1983

* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be duplicated and resubmitted. Please show the date and circumstance of the earlier submittal. _____

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate Division district office.

III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

(1) Lease name; Well No.; location by Section, Township, and Range; and footage location within the section.

(2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.

(3) A description of the tubing to be used including its size, lining material, and setting depth.

(4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

(1) The name of the injection formation and, if applicable, the field or pool name.

(2) The injection interval and whether it is perforated or open-hole.

(3) State if the well was drilled for injection or, if not, the original purpose of the well.

(4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.

(5) Give the depth to and name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

(1) The name, address, phone number, and contact party for the applicant;

(2) the intended purpose of the injection well; with the exact location of single wells or the section, township, and range location of multiple wells;

(3) the formation name and depth with expected maximum injection rates and pressures; and

(4) a notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

SUPPLEMENT TO FORM C-108
APPLICATION FOR AUTHORIZATION TO INJECT

III. Well Data: See attached Injection Well Data Sheet.

VI. The only well within a 1/2 mile radius of the proposed injection well is Union Texas Petroleum's Post #1. The well was completed as a Devonian oil well on January 17, 1983. The C-105 is attached which shows the construction, date drilled, location, depth and record of completion.

VII. Data on proposed operation:

1. Estimated average daily rate 2000 BWPD
   Estimated average daily volume 1000 BWPD
   Estimated maximum daily rate 3000 BWPD
   Estimated maximum daily volume 3000 BWPD
2. The system is closed.
3. Estimated average injection pressure 500 psi
   Estimated maximum injection pressure 1200 psi*
   * Not to exceed fracture pressure of the reservoir

4.& 5. Analysis of Devonian water to be disposed of is attached. Compatibility tests cannot be performed since the San Andres reservoir is non productive in the area and no record of water analysis can be found. However, Cabot Corporation's WD #1 Johnny is currently disposing of produced Devonian water into the San Andres and Glorieta reservoirs in Section 1, T-14-S, R-37-E. No compatibility problems between waters has been noticed.

VIII. The proposed injection interval of 4661' to 6750' consists of the San Andres and Glorieta reservoirs.
The San Andres reservoir consists of dolomite filled with anhydrite and some chert with a top at 4625' (-787 S.S.) and a bottom at 6150' (-2312 S.S.) The Glorieta reservoir is a dolomite with interbedded sandstone and anhydrite with a top at 6150' (-2312 S.S.) and a bottom at 6782' (-2944 S.S.)

The deepest fresh water (10,000 mg/l or less solids) overlying the proposed zone of injection is the top of the Triassic at approximately 300'. The Santa Rosa (located to a depth of 2050' is not believed to be potable in the area.

IX. The well will be stimulated with 15% HCl (if required) to remove near wellbore damage caused by drilling operations.

X. No logging programs are planned. The Heidel #1 has a GR-Elec-SP log dated 2-18-1958 which should be on file with the Division.

XI. A chemical analysis of water taken from two fresh water wells within one mile of the proposed well is attached. Also attached is a map showing the location of the fresh water wells from which the samples were taken.

XII. Union Texas Petroleum Corporation has examined engineering and geologic data and finds no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.

Union Texas Petroleum

Southwest Division
1300 Wilco Building
Midland, Texas 79701
(915) 684-0600

March 8, 1983

Hobbs Daily News Sun
Box 860
Hobbs, N.M. 88240

Gentlemen:

Please publish the following "Legal Notice" in your newspaper.

Union Texas Petroleum Corporation has submitted an application to the New Mexico Oil Conservation Commission to inject salt water into the San Andres formation by means of a disposal well to be located 1650' FSL & 2310' FEL of Section 1, T-14-S, R-37-E, Lea County, New Mexico. The proposed zone of injection is in an open hole interval 4661' to 6750'. Injection is estimated at a daily rate of 1000 barrels and an estimated maximum of 3000 barrels with an estimated injection pressure of 500 psi not to exceed an estimated 1200 psi., or not to exceed reservoir fracture pressure.

Interested parties have 15 days from the date of this publication to file an objection, or to request a hearing. Objection may be filed by contacting the Oil Conservation Division, P.O. Box 2088, Santa Fe, New Mexico 87501.

Applicant can be contacted by writing Union Texas Petroleum Corporation, 1400 Wilco Building, Midland, Texas 79701 or by by calling W. A. Higgins at (915) 684-0600.

Printing of this Legal Notice in your newspaper, and returning a newspaper clipping of this notice along with your invoice at your earliest convience will be appreciated.

Sincerely,

W. A. Higgins
Production Services Supr.

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LAND OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease STATE [XX] 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 [XX] Re-Entry DEEPEN [ ] PLUG BACK [ ]

OIL WELL [ ] GAS WELL [ ] OTHER Water Disposal SINGLE ZONE [ ] MULTIPLE ZONE [XX]

7. Unit Agreement Name

8. Farm or Lease Name: Heidel

2. Name of Operator: Union Texas Petroleum Corporation

9. Well No.

3. Address of Operator: 1400 Wilco Building, Midland, Texas 79702

10. Field and Pool, or Wildcat: Re-Entry for SWD

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 NMPM

12. County: Lea

19. Proposed Depth	19A. Formation	20. Rotary or C.T.
6750	San Andres-Glorieta	Rotary

21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start
3827 GL			ASAP -

23.

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.
12¼	9 5/8"	36#	4661	750 plus700	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 A. Huggins Title Production Services Supervisor Date March 8, 1983

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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	Lease	Well No.
Union Texas Petroleum Corporation	Heidel	1

Unit Letter	Section	Township	Range	County
J	1	14-S	37-E	6A

Actual Footage Location of Well:
1650 feet from the South line and 2310 feet from the East line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
3827	San Andres - Glorieta	Salt Water Disposal	Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

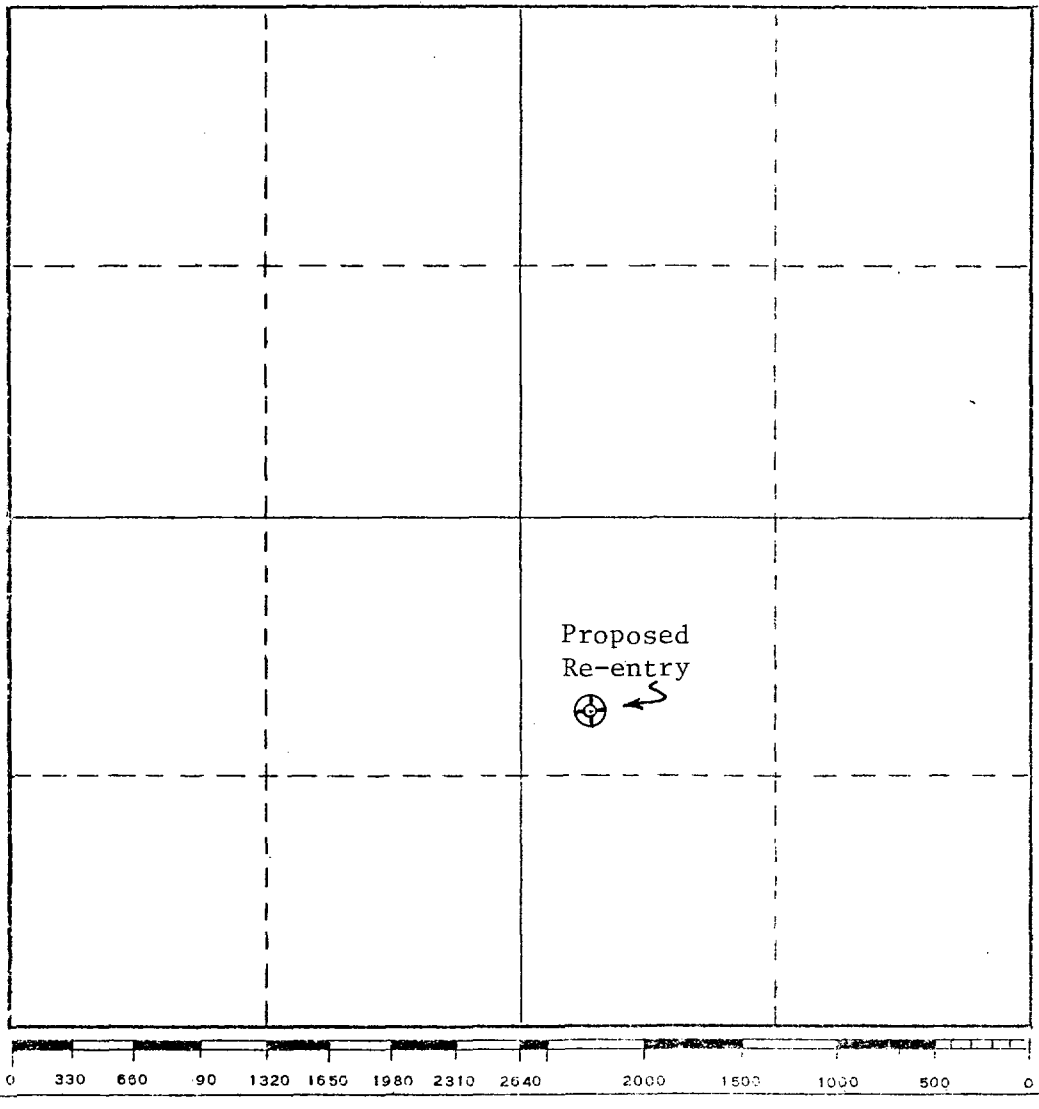
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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.

William A. Huggins

Name: Production Services Supervisor

Position: Union Texas Petroleum Corp.

Company: 1400 Wilco Building

Date: February 28, 1983

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

Registered Professional Engineer and/or Land Surveyor

Certificate No.

Heidel #1
Water Analysis of Fresh Water Wells
Surrounding Proposed SWD Well

Analysis performed by Halliburton Services Laboratory, Hobbs, New Mexico on 3-3-1983

Well No. as shown on attached map	1	2	3
Resistivity	5.7 at 74°F	11.6 at 74°f	11.4 at 74°F
Specific Gravity	1.004	1.001	1.001
pH	6.6	7.0	7.0
Calcium (Mpl)	150	80	105
Magnesium	21	15	14
Chlorides	450	100	150
Sulfates	450	300	380
Bicarbonates	315	290	270
Soluble Fe	Nil	Nil	Nil
Sodium (calc)	414	198	232
Total Dissolved Solids Milligrams per liter	1800	983	1152

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled, deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 33 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico				Northwestern New Mexico			
T. Anhy		T. Canyon		T. Ojo Alamo		T. Penn. "B"	
T. Salt		T. Strawn		T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt		T. Atoka	11,423'	T. Pictured Cliffs		T. Penn. "D"	
T. Yates	3165'	T. Miss	11,607'	T. Cliff House		T. Leadville	
T. 7 Rivers		T. Devonian	12,698	T. Menefee		T. Madison	
T. Queen		T. Silurian		T. Point Lookout		T. Elbert	
T. Grayburg		T. Montoya		T. Mancos		T. McCracken	
T. San Andres	4601'	T. Simpson		T. Gallup		T. Ignacio Qtzte	
T. Glorieta	6100'	T. McKee		Base Greenhorn		T. Granite	
T. Paddock		T. Ellenburger		T. Dakota		T.	
T. Blinebry		T. Gr. Wash		T. Morrison		T.	
T. Tubb	7310'	T. Granite		T. Todilto		T.	
T. Drinkard		T. Delaware Sand		T. Entrada		T.	
T. Abo	8030'	T. Bone Springs		T. Wingate		T.	
T. Wolfcamp	9400'	T.		T. Chinle		T.	
T. Penn.		T.		T. Permian		T.	
T. Cisco (Bough C)		T.		T. Penn. "A"		T.	

OIL OR GAS SANDS OR ZONES

No. 1, from ..... to ..... No. 4, from ..... to .....

No. 2, from ..... to ..... No. 5, from ..... to .....

No. 3, from ..... to ..... No. 6, from ..... to .....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from ..... to ..... feet .....

No. 2, from ..... to ..... feet .....

No. 3, from ..... to ..... feet .....

No. 4, from ..... to ..... feet .....

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	2222	2222	Red bed, sand				
2222	3165	943	Anhydrite, shale, sand				
3165	4602	1437	Anhydrite, dolomite				
4602	6100	1498	Anhydrite, dolomite, lime				
6100	6800	700	Anhydrite, sand, chert				
6800	7310	510	Anhy, chert, sand, shale				
7310	8030	720	Shale, dolomite, anhy, lime				
8030	9400	1370	Limestone, chert, shale				
9400	11425	2025	Lime, chert, shale dolomite				
11425	11608	185	Limestone, shale chert				
11608	11855	430	Limestone, shale, chert				
11855	12580	725	Limestone, chert, shale				
12580	12698	118	Shale, Limestone, sand				
12698	12867 TD	169	Dolomite, snhydrite, lime				

RECEIVED
JAN 17 1983
O. C. D.
HOBBS OFFICE

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JAN 24 1983
O. C. D.
HOBBS OFFICE

UNION TEXAS PETROLEUM

ANALYSIS OF WATER TO BE DISPOSED

POST #1 WELL

Reservoir	Devonian
Specific Gravity	1.0620
HCO3	200 mg/l
$CaCO_3$	15,000 mg/l
Ca	3560 mg/l
Mg	1482 mg/l
Na,K	26926 mg/l
SO_4	1704 mg/l
Cl	50,779 mg/l
Fe	43.7
Total Solids	84,651 mg/l
H_2S	0
Rw at 77°F	0.110

Grh
2-28-83

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Form C-105
Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED
MAR 11 1983
O.C.D.
OIL CONSERVATION DIVISION
SANTA FE

5a. Indicate Type of Lease: State [XX] Fee [ ]

5. State Oil & Gas Lease No.

1a. TYPE OF WELL
OIL WELL [XX] GAS WELL [ ] DRY [ ] OTHER

b. TYPE OF COMPLETION
NEW WELL [XX] WORK OVER [ ] DEEPEN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] OTHER

7. Unit Agreement Name

8. Farm or Lease Name: Post

2. Name of Operator: Union Texas Petroleum Corporation

9. Well No.: 1

3. Address of Operator: 1300 Wilco Bldg., Midland, Tx 79701

10. Field and Pool, or Wildcat: ~~Wildcat~~ Lung Dev.

4. Location of Well
UNIT LETTER N LOCATED 990 FEET FROM THE South LINE AND 1650 FEET FROM THE West LINE OF SEC. 1 TWP. 14-S RGE. 37-E NMPM

12. County: Lea

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Cashinghead
10-30-82	12-29-82	1-13-83	3831 GR	

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
12,867	12,830	No	→	0-12,867	

24. Producing Interval(s), of this completion — Top, Bottom, Name: Devonian 12,729 - 12,758

25. Was Directional Survey Made: No

26. Type Electric and Other Logs Run: Dual Laterolog, Sonic Log

27. Was Well Cored: No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54.5	416	17-1/2"	500 sx "C" - Circ.	-0-
8-5/8"	32	4650	12-1/4"	2000 sx "C" - T.S. 2160	-0-
5-1/2"	17	12865	7-7/8"	1300 sx "H" - T.S. 8260	-0-

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8"	12,618	12,618

31. Perforation Record (Interval, size and number)
12,729 - 12,758 (30 holes)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
12,729-12,758	3000 gals. 15% NEFE HCL Acid

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping — Size and type pump)	Well Status (Prod. or Shut-in)
1-13-83	Flowing	Producing

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas — Oil Ratio
1-16-83	24	11/64		443	225	23	.508

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API (Corr.)
790	---					46

34. Disposition of Gas (Sold, used for fuel, vented, etc.): Vented, until sales contract acquired.

Test Witnessed By: Bill Miller

35. List of Attachments: C-104, Dual Laterolog, Inclination Survey

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

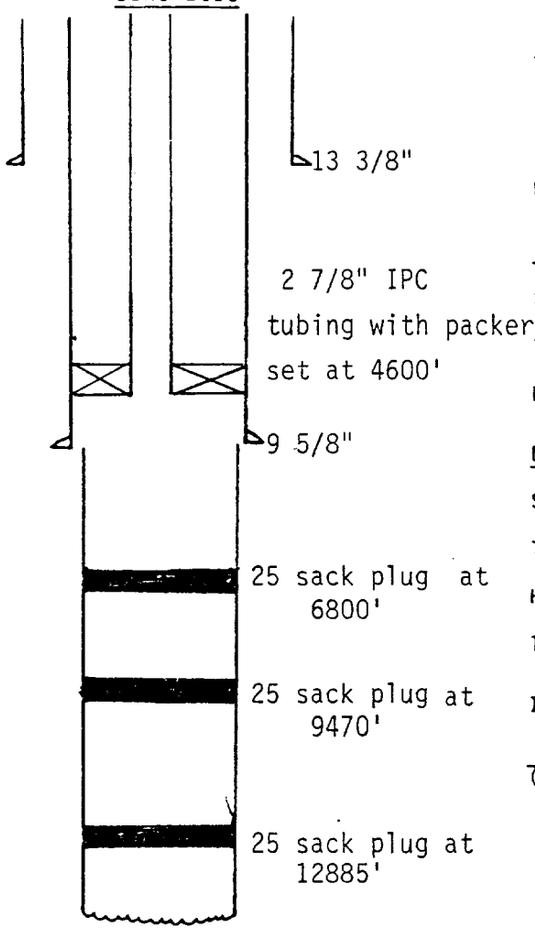
SIGNED Richard Atchley TITLE Production Services DATE 1-17-83

Union Texas Petroleum Corporation (OPERATOR) Heidel (LEASE)

1 (WELL NO.) 1650' FSL and 2310' FEL (FOOTAGE LOCATION) 1 (SECTION) T-14-S (TOWNSHIP) R-37-E (RANGE)

Proposed Configuration after Re-entry

Schematic



Tabular Data

Surface Casing set at 305'

Size 13 3/8" Cemented with 350 sx.

TOC Surface feet determined by Circulation

Hole size 17 1/2"

Intermediate Casing set at 4661'

Size 9 5/8" Cemented with 750 sx.

TOC 2554' feet determined by Calculation using 50% Excess

Hole size 12 1/4"

Long string No Production Casing was set.

Size _____ Cemented with _____ sx.

TOC _____ feet determined by _____

Hole size 8 3/4"

Total depth 13005'

Injection interval

4661 feet to 6750' feet

(perforated or open-hole, indicate which)

Tubing size 2 7/8" lined with plastic (material) set in a Baker Model A-3 "Lokset" (brand and model) packer at 4600' feet

(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation San Andres and Glorieta

2. Name of Field or Pool (if applicable) None

3. Is this a new well drilled for injection? /7 Yes /X7 No

If no, for what purpose was the well originally drilled? To test the Devonian reservoir for oil production.

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used)

Production casing was never set in this well

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. None are located above. The Wolfcamp is productive approximately 1.5 miles north (King Wolfcamp Field) The Wolfcamp is located from 9480' to 11490' in the Heidel #1.

AFFIDAVIT OF PUBLICATION

State of New Mexico,

County of Lea.

I, _____

ROBERT L. SUMMERS

of the Hobbs Daily News-Sun, a daily newspaper published at Hobbs, New Mexico, do solemnly swear that the clipping attached hereto was published once a week in the regular and entire issue of said paper, and not in a supplement thereof for a period

of _____

ONE _____ weeks.

Beginning with the issue dated

MARCH 11, 1983

and ending with the issue dated

MARCH 11, 1983

Robert L Summers
Publisher.

Sworn and subscribed to before me this 11TH day of MARCH, 1983

Lynette Haegele
Notary Public.

My Commission expires

March 29, 1986
(Seal)

This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937, and payment of fees for said publication has been made.

LEGAL NOTICE
March 11, 1983

Union Texas Petroleum Corporation has submitted an application to the New Mexico Oil Conservation Commission to inject salt water into the San Andres formation by means of a disposal well to be located 1650' FSL & 2310' FEL of Section 1, T-14-S, R-37-E, Lea County, New Mexico. The proposed zone of injection is in an open hole interval 4661' to 6750'. Injection is estimated at a daily rate of 1000 barrels and an estimated maximum of 3000 barrels with an estimated injection pressure of 600 psi not to exceed an estimated 1200 psi., or not to exceed reservoir fracture pressure.

Interested parties have 15 days from the date of this publication to file an objection, or to request a hearing. Objection may be filed by contacting the Oil Conservation Division, P.O. Box 2088, Santa Fe, New Mexico 87501.

Applicant can be contacted by writing Union Texas Petroleum Corporation, 1400 Wilco Building, Midland, Texas 79701 or by calling W.A. Higgins at (915) 684-6000.

W.A. Higgins
Production Services Supr.

P 220 608 002

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO: Fredric Bates

STREET AND NO.

P.O., STATE AND ZIP CODE

POSTAGE		$
CONSULT POSTMASTER FOR FEES	CERTIFIED FEE	¢
	OPTIONAL SERVICES: SPECIAL DELIVERY	¢
	OPTIONAL SERVICES: RESTRICTED DELIVERY	¢
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	RETURN RECEIPT SERVICE: SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	¢
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PS Form 3800, Apr. 1976

P 220 608 004

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SENT TO: Josef Ritter

STREET AND NO.

P.O., STATE AND ZIP CODE

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	RETURN RECEIPT SERVICE: SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	¢
	RETURN RECEIPT SERVICE: SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	¢
	RETURN RECEIPT SERVICE: SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	¢
TOTAL POSTAGE AND FEES		$
POSTMARK OR DATE		

PS Form 3800, Apr. 1976

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SENT TO: Leo Fuchs

STREET AND NO.

P.O., STATE AND ZIP CODE

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	OPTIONAL SERVICES: SPECIAL DELIVERY	¢
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	RETURN RECEIPT SERVICE: SHOW TO WHOM AND DATE DELIVERED	¢
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	RETURN RECEIPT SERVICE: SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	¢
TOTAL POSTAGE AND FEES		$
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	OPTIONAL SERVICES: SPECIAL DELIVERY	¢
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	RETURN RECEIPT SERVICE: SHOW TO WHOM AND DATE DELIVERED	¢
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	RETURN RECEIPT SERVICE: SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	¢
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SENT TO: Eric Heidel

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P.O., STATE AND ZIP CODE

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	RETURN RECEIPT SERVICE: SHOW TO WHOM AND DATE DELIVERED	¢
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LARGE FORMAT EXHIBIT HAS BEEN REMOVED AND IS LOCATED IN THE NEXT FILE