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Form C-105
Revised 11-1-82

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

5a. Indicate Type of Lease State ☐ Fee ☒
5. State Oil & Gas Lease No.

13. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____
5. TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER _____

7. Unit Agreement Name
8. Farm or Lease Name Barnhill
9. Well No. 1
10. Field and Pool, or Wildcat South King (Devonian)

2. Name of Operator Union Texas Petroleum Corp.
3. Address of Operator 1300 Wilco Bldg., Midland, TX 79701

4. Location of Well: UNIT LETTER <u>L</u> LOCATED <u>1650</u> FEET FROM THE <u>South</u> LINE AND <u>990</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>1</u> TWP. <u>14-S</u> RGE. <u>37-E</u>

11. County Lea

15. Date Spudded 5-17-83	16. Date T.D. Reached 7-16-83	17. Date Compl. (Ready to Prod.) 8-31-83	18. Elevations (DF, RKB, RT, GR, etc.) 3831 GR
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19. Elev. Casinghead --

20. Total Depth 12,745	21. Plug Back T.D. 12,745	22. If Multiple Compl., How Many --	23. Intervals Drilled By Rotary Tools 0-12,745	Cable Tools
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24. Producing Interval(s), of this completion - Top, Bottom, Name 12,706 - 12,718 Devonian 12,657 - 12,670 Devonian

25. Was Directional Survey Made Yes
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26. Type Electric and Other Logs Run Sonic, Dual Laterolog, FDC-CNL, Dip Meter

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	48, 54, 72	405	17 1/2	500 sx CL C	
8 5/8	32	4,668	12 1/4	2200 sx CL C	
5 1/2	17, 20	12,744	7 7/8	2975 sx CL H	

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET	PACKER SET
				2 7/8	9007	--

31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
12,706 - 12,718 (1 SPF)		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
12,657 - 12,670 (2 SPF)		12,706 - 12,718	100 gal 15% HCL
		12,690	Set cement retainer
		12,657 - 12,670	100 gal 15% HCL

33. PRODUCTION							
Date First Production 8-31-83	Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - Centrifugal 4" x 63'					Well Status (Prod. or Shut-in) Producing	
Date of Test 9-7-83	Hours Tested 24	Choke Size 14/64	Prod'n. For Test Period 389	Oil - Bbl. 389	Gas - MCF 300	Water - Bbl. 0	Gas-Oil Ratio 771
Flow Tubing Press. 500#	Casing Pressure 90#	Calculated 24-Hour Rate 389	Oil - Bbl. 389	Gas - MCF 300	Water - Bbl. 0	Oil Gravity - API (Corr.) 45°	

34. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold to Warren Petroleum	Test Witnessed By John Sturgeon
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35. List of Attachments BCSL, CNLD, DLM, Deviation Survey
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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 <u>Raven Friday</u>	TITLE <u>Prod. Analyst</u>	DATE <u>9-9-83</u>
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INSTRUCTIONS

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 or 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 30 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 2240	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt 3168	T. Atoka 11,424	T. Fictured Cliffs	T. Penn. "D"
T. Yates 3168	T. Miss 11,607	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian 12,644	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres 4600	T. Simpson	T. Gallup	T. Ignacio Qtzte
T. Glorieta 6094	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb 7356	T. Granite	T. Todilto	T.
T. Drinkard	T. Delaware Sand	T. Entrada	T.
T. Abo 8024	T. Bone Springs	T. Wingate	T.
T. Wolfcamp 9402	T. Rustler 2240	T. Chinle	T.
T. Penn.	T. Clearfork 6797	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	2240	2240	Shale, sand				
2240	3168	928	Anhydrite, shale, sand				
3168	4600	1432	Anhydrite, dolomite, shale				
4600	6094	1494	Dolomite, anhydrite, lime				
6094	6797	703	Anhydrite, sand, dolomite				
6797	7356	559	Dolomite, anhydrite, shale				
7356	8024	668	Shale, dolomite, anhydrite				
8024	9402	1378	Limestone, shale, chert				
9402	11424	2022	Dolomite, lime, chert, shale				
11424	11607	183	Shale, lime, chert				
11607	11843	236	Lime, chert				
11843	12530	687	Lime, chert, shale				
12530	12644	114	Shale, sand				
12644	12745	101	Dolomite, Lime				

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