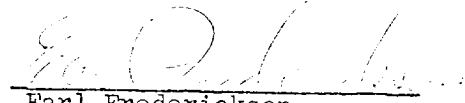
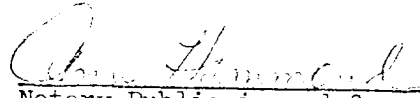


is true and complete.

NOBLE DRILLING CORPORATION

  
Earl Frederickson

Sworn and Subscribed to before me, this the 7th day of October,  
1969.

  
Notary Public in and for  
Midland County, Texas.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.5.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL:				OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	Other _____		
b. TYPE OF COMPLETION:				NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other _____
2. NAME OF OPERATOR								Pennzoil United, Inc.	
3. ADDRESS OF OPERATOR								P. O. Drawer 1828 - Midland, Texas 79701	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*									
At surface								660 FSL & 660 FWL	
At top prod. interval reported below									
At total depth									
14. PERMIT NO.				DATE ISSUED					
15. DATE SPUNDED		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*		19. ELEV. CASINGHEAD	
6-11-69		9-12-69		9-26-69		3689 GL		3691	
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY		23. INTERVALS DRILLED BY	
13,953		13,910'				0 - 13953			
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*								25. WAS DIRECTIONAL SURVEY MADE	
13,219 - 13,485' Morrow Sand								No	
26. TYPE ELECTRIC AND OTHER LOGS RUN								27. WAS WELL CORED	
Electric, Microlog, Formation Density, Sonic, Gamma								No	
28. CASING RECORD (Report all strings set in well)									
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD	
20"		94#/ft.		52'		26"		5 yards Ready mix	
13 3/8"		48#/ft.		857'		17 1/2"		885 sx	
9 5/8"		40# & 36#		5,100'		12 1/4"		850 sx	
4 1/2"		13.50-11.60		13,953'		8 3/4"		800 sx	
29. LINER RECORD									
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)	
NONE SET									
30. TUBING RECORD									
SIZE		DEPTH SET (MD)		PACKER SET (MD)					
2 3/8"		13,150'		13,150'					
31. PERFORATION RECORD (Interval, size and number)									
Jet pf. 1									
hole each @: 13485,483,481,479,477,475,473,471,469,467,464,462,460, - 13,316,313,307,304,13,292,291,289,288,286,284,282,225,221,219									
(27 holes)									
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.									
DEPTH-INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED					
13,485-13,219				250 gals acetic acid					
33. PRODUCTION									
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)			
9-21-69		Flowing (See N.M. Form C-122 attached)				Shut-in			
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD		OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO	
9-30-69									
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.)			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)								TEST WITNESSED BY	
								Rodney C. Boyd	
35. LIST OF ATTACHMENTS									
DST Data - Hole Deviation Data - Logs									
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records									
SIGNED		Rodney C. Boyd				TITLE		Petroleum Engineer	
						DATE		10-6-69	

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of mines and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 33.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sticks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

## 27. SUMMARY OF POROSITY ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL PERM TESTS, INCLUDING DEPTH INTERVAL, TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
			SEE DST DATA ATTACHED	Anhydrite	1650	
				Yates	3714	S
				Queen	4456	
				Penrose	4726	A
				1st Bone Spring	Sd 9364	
				2nd "	" 9886	M
				Wolfcamp	10854	
				Strawn	12157	E
				Atoka	12409	
				Morrow	12740	
				Chester	13616	
				Mississippian	13916	

## 38. GEOLOGIC MARKERS