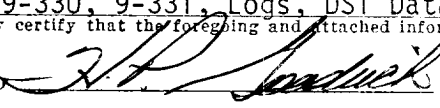


UNIT STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other  
instructions  
reverse side)Form approved.  
Budget Bureau No. 42-R355.5.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL:		OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input 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.						5. LEASE DESIGNATION AND SERIAL NO. NM - 052	
3. ADDRESS OF OPERATOR P. O. Drawer 1828 - Midland, Texas 79701						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2086 FNL & 554 FEL of Sec. 35, T-19-S, R-34-E At top prod. interval reported below At total depth						7. UNIT AGREEMENT NAME Mescalero Ridge Unit	
14. PERMIT NO. _____ DATE ISSUED _____						8. FARM OR LEASE NAME	
9. WELL NO. 4						10. FIELD AND POOL, OR WILDCAT	
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 35, T-19-S, R-34-E						12. COUNTY OR PARISH Lea	
13. STATE N. M.						15. DATE SPUDDED 11-7-70	
16. DATE T.D. REACHED 12-11-70						17. DATE COMPL. (Ready to prod.) 1-16-71	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3714' GL						19. ELEV. CASINGHEAD 3714	
20. TOTAL DEPTH, MD & TVD 10,258'		21. PLUG, BACK T.D., MD & TVD 10,215'		22. IF MULTIPLE COMPL., HOW MANY* -		23. INTERVALS DRILLED BY 0 - 10,258'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 9677 - 9701' 10,178-10,181'						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Electric, Microlog, Neutron						27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED	
11 3/4"	42#	348	15"	250		None	
8 5/8"	24 & 32#	4,065	11"	690		None	
4 1/2"	11.6#	10,258	7 7/8"	780		None	
29. LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD		
					SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	10,180	-
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
9677-9701' (0.43" holes) - 10 holes				DEPTH INTERVAL (MD)			
10178-181' (0.43" holes) - 4 holes				AMOUNT AND KIND OF MATERIAL USED			
				9,677-9,701 2,500 gals 15% NE acid			
				10,178-10,181 6,000 gals reatrded			
				100 gals acetic acid &			
				1,000 gals 15%NE acid			
33.* PRODUCTION							
DATE FIRST PRODUCTION 12-19-70		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping 2" x 1 1/2" x 20' Insert pump				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 1-16-71	HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL. 318	GAS—MCF. 278	WATER—BBL. 5	GAS-OIL RATIO 875
FLOW. TUBING PRESS. -	CASING PRESSURE 20#	CALCULATED 24-HOUR RATE →	OIL—BBL. 318	GAS—MCF. 278	WATER—BBL. 5	OIL GRAVITY-API (CORR.) 41	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented						TEST WITNESSED BY Lloyd Murphy	
35. LIST OF ATTACHMENTS Form 9-330, 9-331, Logs, DST Data, Deviation Survey, Form C-104							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED 		TITLE Drilling Superintendent			DATE 1-22-71		

\*(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 lands 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 requirements. All attachments should be listed on this form, see item 35.

**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 19:** 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: "Secks 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.)

## 37. SUMMARY OF POROUS ZONES:

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Dela. Mtn. Grp. Bone Spring Bone Spring	6,003 9,677 10,179	6,270 9,703 10,183	LS, Prob. Salt Water Dolo, Oil Dolo, Oil

## 38.

### GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Rustler	1,812	
Dela. Ss	5,830	
Cherry Canyon	6,405	
Brushy Canyon	7,328	
Bone Spring	8,160	
1st. B.S. Ss	8,742	
2nd B.S. Ss	9,480	