

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO
SUBMIT IN DUPLICATE
NM OIL CONS. COM.
Drawer DD
RECEIVED
SEP 17 1982Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL ☐	GAS WELL ☒	DRY ☐	Other ☐	SEP 17 1982	
b. TYPE OF COMPLETION:		NEW WELL ☐	WORK OVER ☒	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other ☐
2. NAME OF OPERATOR Penroc Oil Corporation ✓							
3. ADDRESS OF OPERATOR P. O. Drawer 831, Midland, Texas 79702							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' fsl, 1980' fwl At top prod. interval reported below At total depth							
14. PERMIT NO.				DATE ISSUED AUG 11 1982			
5. LEASE DESIGNATION AND SERIAL NO. NM-0473362						6. IF INDIAN, ALLOTTEE OR TRIBE NAME -----	
7. UNIT AGREEMENT NAME -----						8. FARM OR LEASE NAME Dero Federal Com	
9. WELL NO. 2						10. FIELD AND POOL, OR WILDCAT Winchester Morrow	
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 35-19S-28E						12. COUNTY OR PARISH Eddy	
						13. STATE New Mexico	
15. DATE SPUNDED 7-6-82		16. DATE T.D. REACHED 7-30-82		17. DATE COMPL. (Ready to prod.) 7-30-82		18. ELEVATIONS (DF, R&B, RT, GB, ETC.)* 3310' DF 3311' KB	
19. ELEV. CASINGHEAD 3296'		20. TOTAL DEPTH, MD & TVD 11,252'		21. PLUG, BACK T.D., MD & TVD 11,145'		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY →		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 11,024-11,087' U. Morrow		25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN -----	
27. WAS WELL CORED NO							

28. CASING RECORD (Report all strings set in well)								ACCEPTED FOR RECORD PETER W. CHESTER None SEP 15 1982 U.S. GEOLOGICAL SURVEY ROSWELL, NEW MEXICO	
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD			AMOUNT BELLED		
12 3/4"	42	302	17"	350 SX.			None		
8 5/8"	24 & 35	2397	11 3/4"	300 SX.			None		
4 1/2"	11.60 & 13.50	11,252	7 5/8"	770 SX.					
29. LINER RECORD								30. TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)		
					2 3/8	10,950	10,950		
31. PERFORATION RECORD (Interval, size and number) 11,024-033', 11,041', 11,060-070', 11,087' 1/2"-shot/ft, 23 holes								32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED					
11,024-11,087				A/5000 gals. Morrow Flo 7 1/8 w/173,000 std. cu. ft. N ₂ . F/15,000 gals. gelled wtr w/ 22,500# 20-40 sd. & 23 1/2 tons CO ₂					

33. PRODUCTION							
DATE FIRST PRODUCTION 7-31-82		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flow w/compressor				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 8-5-82	HOURS TESTED 24	CHOKE SIZE 1/2	PROD'N. FOR TEST PERIOD →	OIL—BBL. 5	GAS—MCF. 548	WATER—BBL. 3	GAS-OIL RATIO 109,600
FLOW. TUBING PRESS.	CASING PRESSURE O-packer	CALCULATED 24-HOUR RATE →	OIL—BBL. 5	GAS—MCF. 548	WATER—BBL. 3	OIL GRAVITY-API (CORR.) 55.5°	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold						TEST WITNESSED BY Gray Pumping Service	
35. LIST OF ATTACHMENTS -----							

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED B. J. Talley TITLE President DATE 8-6-82

*(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 38, 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 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 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: "Sacks 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				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
						TOP
Wolfcamp	9029'	9373'	Porosity in limestone scattered throughout Produces gas & cond.	Yates	980'	
Strawn Sd.	10,086'	10,131'	Conglomeritic sand with porosity. Produces gas & cond.	Seven Rivers Delaware Sd.	1323 3160'	
Morrow Sd.	11,022'	11,089'	Porosity in fine-medium sandstones. Produces gas & cond.	Bone Spring Wolfcamp Penn	4293' 9029' 9378'	
Morrow Sd.	11,166'	11,194'	Porosity in fine-medium sandstones. Productive of gas & cond.	Canyon Strawn Sd. Strawn Lm. Morrow Barnett	9895' 10,086' 10,134' 10,942' 11,240'	