

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 ☐	GAS WELL ☒	DRY ☐	Other		
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 79701						

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FS&EL, Sec 35, T-19-S, R-28-E, NMB At top prod. interval reported below At total depth	5. LEASE DESIGNATION AND SERIAL NO. NM-092190	6. IF INDIAN, ALLOTTEE OR TRIBE NAME	7. UNIT AGREEMENT NAME Dero-Federal (SW-633)	8. FARM OR LEASE NAME Dero-Federal	9. WELL NO. 1
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10. FIELD AND POOL, OR WILDCAT Wildcat	11. SEC. T. R. M., OR BLOCK AND SURVEY 11-16-72	12. COUNTY OR PARISH Eddy	13. STATE N. M.
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14. PERMIT NO. NSL-541	DATE ISSUED 3/17/72	15. DATE SPUNDED 4/11/72	16. DATE T.D. REACHED 5/24/72	17. DATE COMPL. (Ready to prod.) 6/20/72	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3285 Gr.	19. ELEV. CASINGHEAD 3287
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20. TOTAL DEPTH, MD & TVD 11,300 MD	21. PLUG, BACK T.D., MD & TVD 11,266 MD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY →	24. ROTARY TOOLS 1100' TD	25. CABLE TOOLS Sur. 1100'
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24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 11,185' - 11,208'; 11,033 - 11,088'; 10,769 - 10,819'.	25. WAS DIRECTIONAL SURVEY MADE No
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26. TYPE ELECTRIC AND OTHER LOGS RUN Welex Compensated Acoustic, Guard	27. WAS WELL CORED No
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28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8	48	350	17-1/4	250 sacks	None
8-5/8	24 & 28	2965	11-3/4	150 sacks	None
4-1/2	11.6 & 13.5	11,300	7-7/8	300 sacks	None

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	11,065	10,720

31. PERFORATION RECORD (Interval, size and number) 11,185 - 11,208; 11,033 - 11,088; 10,769 - 10,819. Each interval perforated with two 0.46 jet shots per ft.	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 11,185 - 208 11,033 - 088 10,769 - 819 AMOUNT AND KIND OF MATERIAL USED 200 bbls. KCL water Frac 450 bbls + 5600# sand Frac 250 bbls + 18,000# sand
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33.* PRODUCTION							
DATE FIRST PRODUCTION 6/1/72		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) SI	
DATE OF TEST 6/20/72	HOURS TESTED 24	CHOKE SIZE 28/64	PROD'N. FOR TEST PERIOD →	OIL—BBL. 1,419,000	GAS—MCF. 8 frac wtr.	WATER—BBL. dry gas	GAS-OIL RATIO
FLOW. TUBING PRESS. 300	CASING PRESSURE Pkr	CALCULATED 24-HOUR RATE →	OIL—BBL. 1,419,000	GAS—MCF. 8 frac wtr.	WATER—BBL. dry gas	OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) SI	TEST WITNESSED BY S. J. Talley
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35. LIST OF ATTACHMENTS Three DST charts, two Welex logs

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

SIGNED <u>OK by John B. Castle</u>	TITLE <u>President</u>	DATE <u>6/28/72</u>
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*(See Instructions and Spaces for Additional Data on Reverse Side)