

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on
reverse side)Form approved.
Budget Bureau No. 42-R355.6.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. LC-068127	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Penroc Oil Corporation		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Drawer 831, Midland, Texas 79702		8. FARM OR LEASE NAME Elliott-Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2310' FSL & 330' FWL At top prod. interval reported below At total depth		9. WELL NO. 2	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUDDED 10/10/77		16. DATE T.D. REACHED 10/19/77	
17. DATE COMPL. (Ready to prod.) 1/20/78		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3661.2' Gr.	
19. ELEV. CASINGHEAD 3662.2'		20. TOTAL DEPTH, MD & TVD 1100'	
21. PLUG, BACK T.D., MD & TVD 1068'		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY		ROTARY TOOLS 0 - 1100'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 982' - 1022' San Andres		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray - Neutron		27. WAS WELL COBED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
9 5/8"	47#, N-80	449'	12 1/4"
4 1/2"	10.50#, K-55	1093'	7 7/8"
CEMENTING RECORD		AMOUNT PULLED	
325 sxs Circulated		None	
175 sxs		None	
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 3/8"	1015'	Open	
31. PERFORATION RECORD (Interval, size and number) 982'-1022' w/1 jet shot each 2' but omit shot @ 1014'. 20 holes (.5")			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
982-1022'		A/1500 gals 10% NE	
982-1022'		Frac/40,000 gals gelled wtr & 39,000# sand.	
33.* PRODUCTION			
DATE FIRST PRODUCTION 1/20/78		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping	
WELL STATUS (Producing or shut-in) Producing			
DATE OF TEST 2/1/78	HOURS TESTED 24	CHOKE SIZE open 2"	PROD'N. FOR TEST PERIOD OIL—BBL. 15 GAS—MCF. TSTM WATER—BBL. 10 GAS-OIL RATIO TSTM
FLOW. TUBING PRESS. none	CASING PRESSURE 20#	CALCULATED 24-HOUR RATE OIL—BBL. 15 GAS—MCF. TSTM WATER—BBL. 10 OIL GRAVITY-AP ₆₀ (CORR.) 27.5	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vent		TEST WITNESSED BY L. Langston - Eastern New Mexico Univ., Roswell, N.M.	
35. LIST OF ATTACHMENTS Gamma Ray-Neutron logs. Deviation Survey (2)			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <i>E. J. Taylor</i>		TITLE President	
DATE 2/14/78			

*(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 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
San Andres	970'	1038'	Fne xynl gry-tan dolomite oil & water	San Andres S.A. Porosity	521'	970'
San Andres	1052'	1068'	Fne xynl gry-tan dolomite water			

WELL NAME AND NUMBER Elliott-Federal #2
LOCATION 2310' FSL & 330' FWL, Sec. 29-T6S-R26E, Chaves, Co., N. M.
OPERATOR PENROC OIL CORPORATION
DRILLING CONTRACTOR Leonard George

The undersigned hereby certifies that he is an authorized representative of PENROC OIL CORPORATION and that he has conducted deviation tests and obtained the following results:

<u>Degrees and Depth</u>	
1/2°	450'
1/2	802
3/4	1100

PENROC OIL CORPORATION

By *B. J. Dallery*
President

Subscribed and sworn to before me this 28th day of October, 1977

Letty Ann Epper
Notary Public in and for the
County of Midland, State of Texas

My Commission expires:

8/31/78