

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Form approved. FILE
Budget Bureau No. 1004-0137
Expires August 31, 1985

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. RESER. ☐ Other ☐

2. NAME OF OPERATOR
PENROC OIL CORPORATION

3. ADDRESS OF OPERATOR
P.O. BOX 5970 HOBBS, NEW MEXICO 88241

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 330' FSL, 1650' FEL

At top prod. interval reported below
At total depth
SAME AS ABOVE

14. PERMIT NO. N/A DATE ISSUED 7-7-88
12. COUNTY OR PARISH EDDY 13. STATE NM

15. DATE SPUDDED 8-4-88 16. DATE T.D. REACHED 8-10-88 17. DATE COMPL. (Ready to prod.) 9-3-88
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4216' 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 3670' 21. PLUG BACK T.D., MD & TVD 3640' 22. IF MULTIPLE COMPL., HOW MANY*
23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
3610 - 3623' (GRAYBURG) 25. WAS DIRECTIONAL SURVEY MADE YES

26. TYPE ELECTRIC AND OTHER LOGS RUN
CNL - DLL - MLL & CBL 27. WAS WELL CORED NO

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	23#	305'	12 1/4"	200 SXS CLASS 'C', CaCl ₂	-----
5 1/2"	15.5#	3670'	7 7/8"	500 SXS Lite wt. 15# salt	
				400 SXS Premium	circ. 25 SXS

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
		----			2 3/8"	3625'	-----

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
3610', 21, & 23 Hydrajet		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
		3610 -23	750 gal. 7 1/2% HCL
			1000 gal. 15% HCL
			Frac w/30,000 gal. gel,
			37,000# - 20/40, 18,000# 12/20

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
9-4-88		PUMPING				PRODUCING	
DATE OF TEST	HOURS TESTED	CHOKES SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9-15-88	24	-----	-----	17	TSTM	70	-----
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
-----	-----	-----	17	TSTM	70	32.6 API	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
VENTED (TSTM) TEST WITNESSED BY
CHIP MEYERS/RICKY BRINTLE

35. LIST OF ATTACHMENTS
LOGS MAILED EARLIER, DEVIATION SURVEY ATTACHED

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.
SIGNED MOHAMMED YAMIN MERCHANT TITLE PRESIDENT DATE 9-16-88

*(See Instructions and Spaces for Additional Data on Reverse Side) CARLSBAD, NEW MEXICO

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.
GRAYBURG	3582'	3623'	POROUS - SHOW OF OIL AND GAS

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
ANHYDRITE	875'	875'
BASE SALT	1868'	1868'
SEVEN RIVERS	2301'	2301'
PENROSE	3138'	3138'
REMIER (GB)	3582'	3582'

ARTESIA FISHING TOOL COMPANY

P. O. BOX ~~555~~ PHONE (505) 746-6651

470

ARTESIA, NEW MEXICO 88210

SEP 19 8 22 AM '88

RECEIVED

CALIF. AREV. L. LARGE TERS

August 17, 1988

SEP 26 '88

O. C. D.
ARTESIA, OFFICE

Penroc Oil
Box 5970
Hobbs, NM 88240

Re: Northeast Square Lake Unit #31
~~860' FSL & 2150' FWL~~ 330/5 + 1650/E
Sec. 3, T16S, R31E
Eddy County, New Mexico

Gentlemen:

The following is a Deviation Survey for the above captioned well.

DEPTH	DEVIATION
320'	1/2°
835'	1°
1330'	1/2°
1824'	1°
2208'	1°
2759'	1°
3251'	1°
3670'	1°

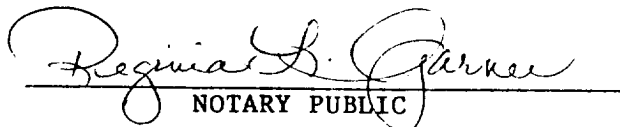
Very truly yours,



B. N. Muncy Jr.
Secretary

STATE OF NEW MEXICO §
COUNTY OF EDDY §

The foregoing was acknowledged before me this 17th day of August, 1988.


NOTARY PUBLIC

