

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.PAGE 1
MORROW COMP.

5. LEASE DESIGNATION AND SERIAL NO.

LC-04325A 063245-9

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Indian - Federal ✓

9. WELL NO.

1 ✓

10. FIELD AND POOL, OR WILDCAT
Indian Hills Upper Penn.
Wildcat in Lower Penn.11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREASec. 19, T-21-S, R-24-E,
NMPM1a. 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

Penroe Oil Corporation ✓

3. ADDRESS OF OPERATOR

P. O. Box 1004, Midland, Texas

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1980 FN&EL, Section 19, T-21-S, R-24-E, Eddy Co.

At top prod. interval reported below

At total depth

14. PERMIT NO.

SW-114

DATE ISSUED

Aug. 14, 1963

12. COUNTY OR PARISH

Eddy Co.

13. STATE

New Mexico

15. DATE SPUDDED

9-17-63

16. DATE T.D. REACHED

11-29-63

17. DATE COMPL. (Ready to prod.)

2-1-64

18. ELEVATIONS (DF, REB, RT, GR, ETC.)*

3779 RKB

19. ELEV. CASINGHEAD

3768

20. TOTAL DEPTH, MD & TVD

9560 MD

21. PLUG, BACK T.D., MD & TVD

22. IF MULTIPLE COMPL., HOW MANY* Dual

23. INTERVALS DRILLED BY

40-9560

CABLE TOOLS

0-40

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Morrow - 9226-40, 9310-48, 9411-22, 9455-70

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Welex - Acoustic, Induction, Guard, Fracture finder, caliper, & temp.

27. WAS WELL CORRED

No.

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"		35'	24"	Halliburton 25 sk	None
13-3/8"		363'	17"	Halliburton 775 sk	"
8-5/8"	24	3114	11"	Halliburton 1486 sk	"
4-1/2"	11.60	9560	7-7/8"	Halliburton 825 sk	"

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
			See back of page		2-3/8	9090	9090 lower 7339 upper

31. PERFORATION RECORD (Interval, size and number)

4 shots per foot, 9226-40, 9310-48,
9411-22, 9455-70.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED

CONFIDENTIAL

33.* PRODUCTION

DATE FIRST PRODUCTION 1/30/64 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) 8.1.

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF	WATER—BBL.	GAS-OIL RATIO
1/30/64	24	22/64	→		11.834		
FLOW TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF	WATER—BBL.	OIL GRAVITY (API (CORR.))	
1196		→		11.834			

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

S.I.

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

J. B. Castle

TITLE

P. E. B.
ARTIST

DATE

2/3/64

*(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.)

MULTIPLE STAGE CEMENTING RECORD: DV Tool at 8879, cemented first stage w/175 sacks Incor Posmix, 2% gel + 3/4 of 1% CFR₂, circ, excess to surface, plug down 11:00 p.m., 11-30-63. Cemented second stage with 300 sacks Incor Posmix 2% gel + 3/4 of 1% CFR₂, Plug down at 3:30 p.m., 12-1-63. Perf. 7687 - 88, cemented with 350 sacks Incor-Posmix 2% gel, plug down 3:30 p.m., 12-5-63.

37. SUMMARY OF POROUS ZONES:				38. GEOLOGIC MARKERS			
FORMATION		TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Recent	Surface	40'	40'	Soil, valley fill, dolomite	Clasco	7388	
Permian	40'	475'	475'	Sand, dolomite	Strawn	8202	
Permian	475'	6450'	6450'	Dolomite, shale, some sand	Atoka	8737	
Permian	6450'	6750'	6750'	Shale	Morrow	9084	
Permian	6750'	7940'	7940'	Dolomite, limestone	Miss. Shale	9503	
Permian	7940'	8200'	8200'	Shale, limestone			
Pennsylvanian	8200'	9085'	9085'	Limestone, shale, some sand			
Pennsylvanian	9085'	9503'	9503'	Sand, shale, limestone			
Mississippian	9503'		9560'	T.D. Shale			