

OIL AND GAS CONSERVATION COMMISSION  
OF THE STATE OF COLORADO

RECEIVED

File in triplicate for Patented and Federal lands.  
File in quadruplicate for State lands.

DEC 12 1966 CASE DESIGNATION AND SERIAL NO.

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  
Cardinal Petroleum Company

3. ADDRESS OF OPERATOR  
P. O. Box 1077 - Billings, Montana

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  
At surface 990' FSL; 1650' FWL; NW 1/4 SE 1/4 SW 1/4 Sec. 34  
At top prod. interval reported below same  
At total depth same

14. PERMIT NO. 66 459 ✓ DATE ISSUED 11/10/66

6. IF INDIAN ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Peterson

9. WELL NO. 3

10. FIELD AND POOL, OR WILDCAT

Stagecoach ✓

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

NW 1/4 SE 1/4 SW 1/4 Sec. 34-2N-56W

12. COUNTY OR PARISH Morgan 13. STATE Colorado

15. DATE SPUNDED 11/10/66 16. DATE T.D. REACHED 11/15/66 17. DATE COMPL. (Ready to prod.) - 18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 4355 GL; 4363 KB 19. ELEV. CASINGHEAD -

20. TOTAL DEPTH, MD & TVD 5224' 21. PLUG, BACK T.D., MD & TVD - 22. IF MULTIPLE COMPL., HOW MANY - 23. INTERVALS DRILLED BY - 24. ROTARY TOOLS 0-TD 25. CABLE TOOLS -

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) - 25. WAS DIRECTIONAL SURVEY MADE yes

26. TYPE ELECTRIC AND OTHER LOGS RUN Lane Wells IES from 102-5224' and Minilog from 4970' to 5223' 27. WAS WELL CORED no

28. 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"	24#	102.34' KB	12-1/4"	100 sacks	-

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
Plug No. 1 - 10	sacks at top of surface casing
Plug No. 2 - 15	sacks at bottom of surface casing

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

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

  

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

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

35. LIST OF ATTACHMENTS Lane Wells IES and Minilog



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

SIGNED Ray L. Harrison TITLE Exploration Manager DATE Nov. 29, 1966

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.
DST No. 1	5083'	5088'	
			Pre-flow 10 minutes, shut in 30 minutes, open 45 minutes, shut in 30 minutes. Initial weak blow for the ten minute opening. Reopened with no blow for 12 minutes. Had very weak blow for remainder of the test. Recovered 5' of drilling mud.
IFP - 27		ISIP - 830	IHP - 2636
FFP - 27		FSIP - 431	FHP - 2619

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Niobrara	4235	
Ft. Hays	4618	
Carlile	4664	
Bentonite	4989	
"D" Sand	5082	
"J" Sand	5154	
Total Depth	5221 Driller	
	5224 Lane Wells	