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GAS CONSERVATION COMMISSION
THE STATE OF COLORADO

08706737

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uplicate for Patented and Federal lands.
quadruplicate for State lands.

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 14175

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 330' W of C - 1980' FSL; 2310 FEL, NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 34
At top prod. interval reported below
At total depth same

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Peterson

9. WELL NO.
2

10. FIELD AND POOL, OR WILDCAT
Stagecoach

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
NW $\frac{1}{4}$ SE $\frac{1}{4}$ Section 34
T2N-R56W

12. COUNTY OR PARISH
Morgan

13. STATE
Colorado

14. PERMIT NO. 66 261 | DATE ISSUED 7-18-66

15. DATE SPUDED 7/19/66 | 16. DATE T.D. REACHED 7/25/66 | 17. DATE COMPL. (Ready to prod.) - | 18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 4350 grd; 4360 KB | 19. ELEV. CASINGHEAD -

20. TOTAL DEPTH, MD & TVD 5220 | 21. PLUG, BACK T.D., MD & TVD - | 22. IF MULTIPLE COMPL., HOW MANY - | 23. INTERVALS DRILLED BY - | ROTARY TOOLS 0-T.D. | CABLE TOOLS -

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

25. WAS DIRECTIONAL SURVEY MADE
DVR WRS HHM

26. TYPE ELECTRIC AND OTHER LOGS RUN
Lane Wells 1-ES 238' to 5225'; Minilog 4950' to 5221'

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#	238' KB	12-1/4"	150 sacks	-
					FJP <input checked="" type="checkbox"/>
					JJD <input checked="" type="checkbox"/>
					FILE <input checked="" type="checkbox"/>

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

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 _____



00105025

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 Sept. 19, 1966

See Spaces for Additional Data on Reverse Side

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	5074'	5081'	("D" sand) Pre-flow 10 min, shut in 30 min, open 2 hrs, shut in 45 min. Weak blow, increasing to good blow in 10 min. and continuing throughout test. Recovered: 1620' gas and 90' of fluid (65% oil, 35% mud) IFP - 12 ISIP - 882 IHP - 2686 FFP - 23 FSIP - 858 FHP - 2662
DST No. 2	5148'	5153'	("J-1" sand) Pre-flow 5 min, shut in 30 min, open 1 hr & 40 min, shut in 30 min. Good blow, decreasing after 45 Min. Dead in 1 hr and 35 min. Recovered 2960' of fluid, consisting of 270 of muddy water and 2690' of water. IFP - 953 ISIP - 1282 IHP - 2794 FFP - 1259 FSIP - 1271 FHP - 2746

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Niobrara	4228	
Ft. Hays	4605	
Carlile	4652	
Bentonite	4978	
"D" Sand	5072	
"J" Sand	5146	
Total Depth	5220 Driller	
	5225 Lane Wells	