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GAS CONSERVATION COMMISSION  
THE STATE OF COLORADODuplicate for Patented and Federal lands.  
and quadruplicate for State lands.

08706737

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## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input checked="" type="checkbox"/> Other _____				5. LEASE DESIGNATION AND SERIAL NO.	
b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Cardinal Petroleum Company 14175				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 1077 - Billings, Montana				8. FARM OR LEASE NAME Peterson	
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				9. WELL NO. 2	
14. PERMIT NO. 66 261 DATE ISSUED 7-18-66				10. FIELD AND POOL, OR WILDCAT Stagecoach	
15. DATE SPUDDED 7/19/66 16. DATE T.D. REACHED 7/25/66 17. DATE COMPL. (Ready to prod.) -				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA NW $\frac{1}{4}$ SE $\frac{1}{4}$ Section 34 T2N-R56W	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 4350 grd; 4360 KB				12. COUNTY OR PARISH Morgan 13. STATE Colorado	
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 -				24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) -	
25. WAS DIRECTIONAL SURVEY MADE -				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 8-5/8		WEIGHT, LB./FT. 24#		DEPTH SET (MD) 238' KB	
HOLE SIZE 12-1/4"		CEMENTING RECORD 150 sacks		AMOUNT PULLED -	
LINER RECORD		TUBING RECORD		FILE	
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.	
33. PRODUCTION				34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)	
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	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE	
OIL—BBL.		GAS—MCF.		WATER—BBL.	
OIL GRAVITY-API (CORR.)		TEST WITNESSED BY			
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 Ray L. Harrison		TITLE Exploration Manager		DATE Sept. 19, 1966	



00105025

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' to 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' to 5153' ("J-I" 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	