

OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF COLORADOFile in triplicate for Patented and Federal lands.
File in quadruplicate for State lands.

AUG - 4 1966

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____				5. LEASE DESIGNATION AND SERIAL NO. C-021258-A		
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____				6. INDIAN, ALLOTTEE OR TRIBE NAME		
2. NAME OF OPERATOR Cardinal Petroleum Company 14175				7. UNIT AGREEMENT NAME None		
3. ADDRESS OF OPERATOR P. O. Box 1077 - Billings, Montana				8. FARM OR LEASE NAME Federal Stagecoach		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 330' East of Center of NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 34-2N-56W (1980' FSL; 990' FWL) At top prod. interval reported below At total depth Same				9. WELL NO. 1		
14. PERMIT NO. 66 234				10. FIELD AND POOL, OR WILDCAT Stagecoach - "D"		
DATE ISSUED 6/29/66				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 34 T2N-R56W		
15. DATE SPURRED 7/10/66				12. COUNTY OR PARISH Morgan		
16. DATE T.D. REACHED 7/16/66				13. STATE Colorado		
17. DATE COMPL. (Ready to prod.) 7/22/66				18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 4357 GL; 4369 KB		
19. ELEV. CASINGHEAD 4357				20. TOTAL DEPTH, MD & TVD 5233 KB		
21. PLUG, BACK T.D., MD & TVD 5196 KB				22. IF MULTIPLE COMPL., HOW MANY -		
23. INTERVALS DRILLED BY →				24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) "D" Sand 5084-5088		
25. WAS DIRECTIONAL SURVEY MADE No				26. TYPE ELECTRIC AND OTHER LOGS RUN Lane Wells Minilog 4975-5232 and Induction Electrolog 204-5228		
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"		17#	207 KB	11-1/2"	150 Sacks	none
4-1/2"		10.5#	5225 KB	7-7/8"	150 Sacks	none
29. LINER RECORD						
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	30. TUBING RECORD Pump	
					SIZE	DEPTH SET (MD)
					2-3/8"	5179 KB
31. PERFORATION RECORD (Interval, size and number) 5084-87 w/4 NCF-2 jets/foot				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
33. PRODUCTION				34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Used for fuel		
DATE FIRST PRODUCTION 7-22-66		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping		WELL STATUS (Producing or shut-in) Producing		
DATE OF TEST 7-25-66	HOURS TESTED 24	CHOKE SIZE None	PROD'N. FOR TEST PERIOD →	OIL—BBL. 140	GAS—MCF. not meas.	WATER—BBL. 7
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.) 38°
35. LIST OF ATTACHMENTS				TEST WITNESSED BY T. C. Everett		

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

SIGNED

T. A. Voorhees

TITLE

Vice President

DATE

8-1-66

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	5085-5091 ("D" Sand) 5/30/2/45		Good blow immediately, decreasing to moderate blow which continued throughout test. Gas to surface in 13 min. Gas volume too small to measure Recovered: 2835' gassy oil 205' heavily gas cut muddy water 170' heavily gas cut water IFP - 200 ISIP - 917 IHP - 2794 FFP - 705 FSIP - 894 FHP - 2782
DST No. 2	5159-5164' (Straddle Test "J-1" Sand) 5/30/14/30		Gas to surface in 2 min. at est. rate of 8100 MCFPD. Recovered: 3' oil 30' water IFP - 1165 ISIP - 1306 IHP - 2650 FFP - 1166 FSIP - 1294 FHP - 2638

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Niobrara	4270	
Ft. Hays	4637	
Carlile	4683	
Bentonite	4989	
"D" Sand	5083	
"J" Sand	5157	
Total Depth	5231	Driller
	5233	Lane-Wells