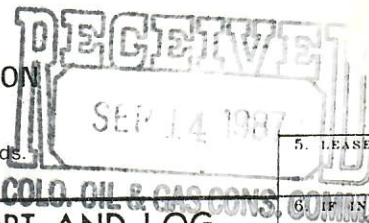


STATE OF COLORADO  
OIL AND GAS CONSERVATION COMMISSION  
DEPARTMENT OF NATURAL RESOURCESFile one copy for Patented, Federal and Indian lands.  
File in duplicate for State lands.

## 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.	
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. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR CAVANAUGH & CAVANAUGH, INC.		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. BOX 231, LARKSPUR, CO 80118		8. FARM OR LEASE NAME HIGH PLAINS DRIFTER	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface C NW $\frac{1}{4}$ NW $\frac{1}{4}$ SEC. 11, T19S-R45W, 6TH P.M. 660' FWL, 660' FNL At top prod. interval reported below AS ABOVE At total depth AS ABOVE		9. WELL NO. #2	
NAME OF DRILLING CONTRACTOR RAMPART DRILLING, INC.		10. FIELD AND POOL, OR WILDCAT CAVALRY	
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA NWNW SEC. 11, T19S-R45W		12. COUNTY KIOWA	
13. STATE COLO.		14. PERMIT NO. 87-247	
DATE ISSUED 4-22-87		15. DATE SPUDDED 4-23-87	
16. DATE T.D. REACHED 5-4-87		17. DATE COMPL. (Ready to prod.) 5-23-87 (Plug & Abd.)	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.) GR: 3,924.5'		19. ELEV. CASINGHEAD GL: 3,925.0'	
20. TOTAL DEPTH, MD & TVD 5,000'		21. PLUG, BACK T.D., MD & TVD	
22. IF MULTIPLE COMPL., HOW MANY		23. INTERVALS DRILLED BY SURF.-TD	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) MISSISSIPPIAN 4700-4866' - ST. LOUIS-ST. GENEVIEVE FM. - SPERGEN		25. WAS DIRECTIONAL SURVEY MADE YES	
26. TYPE ELECTRIC AND OTHER LOGS RUN DUAL COMPENSATED POROSITY/DUAL INDUCTION		27. WAS WELL CORED YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> (Submit analysis) DRILL STEM TEST YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> (See reverse side)	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8-5/8"	24#	326'	12"
5-1/2"	15.50#	4985' (GL)	12"
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) 4858-66 - 17 HOLES/8' 4840-44' - 09 HOLES/4' 4800-06' - 12 HOLES/6' 4758-64' - 12 HOLES/6' 4732-42' - 21 HOLES/10' 4692-4700 - 17 HOLES/8'		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 4732-4866' (1) 4200 GALS OF 15% MSL(HCL) FLUSHED/ 24 BBLs. OF 2% KCL WTR & NON EMULSIFIER 4732-4866' (2) 42,000 GAL. N2 FOAMED 15% HCL	
33. PRODUCTION			
DATE FIRST PRODUCTION SUSTAINED 6/6/87		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) PUMPING	
WELL STATUS (Producing or shut-in) PRODUCING		DATE OF TEST	
HOURS TESTED		CHOKE SIZE NONE	
PROP'N. FOR TEST PERIOD		OIL—BBL. 42	
GAS—MCF. 0		WATER—BBL. 210	
GAS-OIL RATIO -		FLOW. TUBING PRESS.	
CASING PRESSURE		CALCULATED 24-HOUR RATE	
OIL BBL.		GAS—MCF.	
WATER—BBL.		OIL GRAVITY-API (CORR.) 36.05 API	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) -SOLD-		TEST WITNESSED BY DAVE SURGNIER, ENGINEER	
35. LIST OF ATTACHMENTS			

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

SIGNED Lorraine M. Cavanaugh TITLE VICE PRESIDENT DATE SEPT. 10, 1987  
LORRAINE M. CAVANAUGH

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.
			NO DST'S OR CONES

## 38.

## GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
MARMATON	4045'	
CHEROKEE	4192'	
MORROW SAND	4497'	
MORROW	4509'	
TOP OF KEYES	4657'	
ST. GENEVIEVE	4709'	
ST. LOUIS	4782'	
X-MARKER	4824'	
SPERGEN	4827'	
WARSAW	4932'	