

OIL AND GAS CONSERVATION COMMISSION
DEPARTMENT OF NATURAL RESOURCES
OF THE STATE OF COLORADORECEIVED
OCT 14 1975

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00272407

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

COLO. OIL & GAS CONS. COMM.

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 _____		
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. REGR. <input type="checkbox"/>	Other <u>Plug & Abandon</u>
2. NAME OF OPERATOR Helmerich & Payne, Inc.						5. LEASE DESIGNATION AND SERIAL NO. Colo. 4309	
3. ADDRESS OF OPERATOR Post Office Box 558, Garden City, Kansas 67846						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 634' FNL & 2182' FWL Sec 19, T9N, R78W 6 P.M. At top prod. interval reported below Jackson County, Colorado At total depth Same as above						7. UNIT AGREEMENT NAME	
14. PERMIT NO. 75572						DATE ISSUED 7-3-75	
15. DATE SPUDDED 8-29-75						12. COUNTY Jackson	
16. DATE T.D. REACHED 10-3-75						13. STATE Colorado	
17. DATE COMPL. (Ready to prod.) 10-6-75 (Plug & Abd.)						9. WELL NO. No. 1-19	
18. ELEVATIONS (DF, REB, RT, GR, ETC.) GR 8319'						10. FIELD AND POOL, OR WILDCAT McCallum	
19. ELEV. CASINGHEAD 8319'						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 19, T9N, R78W 6 P.M.	
20. TOTAL DEPTH, MD & TVD 7066						22. IF MULTIPLE COMPL., HOW MANY	
21. PLUG, BACK T.D., MD & TVD Surface						23. INTERVALS DRILLED BY ROTARY TOOLS Surf. - 7066'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) None						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction Laterolog Compensated Formation Density Log						27. WAS WELL CORED YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> (Submit analysis) DRILL STEM TEST YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> (See reverse side)	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED	
18"	Conductor	40'	30"	3½ yds. Redimix		None	
9-5/8"	36	331'	13½"	350 Sacks Class G cement			
				Circulate 150 sacks at surface.			
29. LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)			
30. TUBING RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (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			
				FJR			
				FJP			
				HHM			
				JAM			
33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)			WELL STATUS (Producing or shut-in)		
None							
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 DST #1, DST #2, DST #3 Dual Induction Laterolog & Compensated Formation Density Log							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED Jim Canolf		TITLE District Production Supt.			DATE 10-10-75		

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.
Niobrara	5790	5870	<p><u>DST No. 1:</u> No cushion used.</p> <p>Tool open 20 minutes & 120 minutes</p> <p>Shut in periods 60 minutes & 60 minutes</p> <p>Initial flow pressures 37-32 psi</p> <p>Final flow pressures 40-34 psi</p> <p>Initial shut in pressure 125 psi</p> <p>Final shut in pressure 71 psi</p> <p>Recovery: 65' mud.</p>
Muddy & Dakota	5750	6910	<p><u>DST No. 2:</u> No cushion used.</p> <p>Tool open 15 minutes & 60 minutes</p> <p>Shut in periods 60 minutes & 60 minutes</p> <p>Initial flow pressures 500-414 psi</p> <p>Final flow pressures 496-726 psi</p> <p>Initial shut in pressure 1766 psi</p> <p>Final shut in pressure 1721 psi</p> <p>Recovery:</p> <p>180' gas cut mud</p> <p>1180' mud & gas cut water</p> <p>240' gas cut water</p> <p><u>Note:</u> Gas was non combustable.</p> <p>Electric logs indicated recovery was from Dakota.</p>
Lakota	6892	7066	<p><u>DST No. 3</u> No cushion used.</p> <p>Tool open 30 minutes & 60 minutes</p> <p>Shut in periods 60 minutes & 60 Minutes</p> <p>Initial flow pressures 175-311 psi</p> <p>Final flow pressures 361-569 psi</p> <p>Initial shut in pressure 1780 psi</p> <p>Final shut in pressure 1780 psi</p> <p>Recovery:</p> <p>1277' gas cut water</p>

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Niobrara Sh	5587	
Frontier Sd	6215	
Mowry Sh	6637	
Muddy Sd	6758	
Dakota Sd	6820	
Lakota Sd	6871	
Morrison	6940	

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