

PRODUCTION - INTERVAL C

DATE FIRST PRODUCED	TEST DATE	HOURS TESTED	TEST PRODUCTION →	OIL BBL	GAS MCF	WATER BBL	OIL GRAVITY CORR API	GAS DISPOSITION	PRODUCTION METHOD
CHOKE SIZE	FLOW. TBG. PRESS.	CSG. PRESS.	24 HR. RATE →	OIL BBL	GAS MCF	WATER BBL	GAS: OIL RATIO	ZONE STATUS	

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30. PLEASE ATTACH AN 8 1/2" X 11" BASIC SKETCH SHOWING ALL SURFACE EQUIPMENT ASSOCIATED WITH PRODUCTION. FLUID SEPARATION, FLUID STORAGE, AND GAS MEASUREMENT FOR THE WELL. SHOW APPROXIMATE DISTANCES OF EQUIPMENT FROM WELLBORE. INCLUDE WATER DISPOSAL PITS IF APPLICABLE. OUTLINE UNDERGROUND FLOWLINES AND LIST ANY OTHER WELLS SHARING THE SURFACE EQUIPMENT.

31. SUMMARY OF POROUS ZONES (INCLUDE AQUIFERS):

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.

32. FORMATION (LOG) MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTIONS, CONTENTS, ETC.	NAME	TOP MEAS. DEPTH
Niobrara	4290	4390	DST #1: Test Interval No cushion BHT 124°F IHP 1958 psi, FHP 1958 psi	VERTICAL HOLE	
		16 min	Initial Flow IFP 53 psi, FFP 42 psi	Buck Peak	3858'
				Tow Creek	4250'
		30 min	Initial Shut In ISIP 95 psi	Wolf Mountain	4496'
				Carlile	4745'
				Frontier	4960'
		60 min	Final Flow IFP 53 psi FFP 53 psi	DIRECTIONAL HOLE	
				Buck Peak	3852'
				Tow Creek	4242'
				Wolf Mountain	4410'
		120 min	Final Shut In FSIP 116.6 psi Recovered 1.5 bbls mud Sample Chamber Recovery 2100cc mud.		

33. ADDITIONAL REMARKS (INCLUDE PLUGGING PROCEDURE & ATTACH CEMENT VERIFICATION):

VERTICAL HOLE

DIRECTIONAL HOLE

Plug #1: 4460' - 4700' 75 sks HLC
Plug #2: 3285' - 3585' 145 sks REG

Plug #1: 4350' - 4550' 100 sks HLC
Plug #2: 2300' - 2770' 250 sks REG
0' - 2400' Parasite String
Plug #3: 0' - 100' 50 sks REG

34. CIRCLE ENCLOSED ATTACHMENTS:

X 3. WELLBORE SKETCH
(See #27)

6. SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION

1. MECHANICAL LOGS (1 full set req'd)

4. DST REPORT

7. CORE ANALYSIS

2. GEOLOGIC REPORT

X 5. DIRECTIONAL SURVEY

8. OTHER:

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

SIGNED Don Reese

PRINT Don Reese TITLE Drilling Engineer

DATE 9/24/92