

BLM-COGC - REVISED BRADENHEAD TEST REPORT

Lease # C 41980 fm() Well No./Name Fed 34 1/2 34-1 API # 67-7514
 CA # _____ fm() Operator Fuelco Date 8 Jun 93
 CA # _____ fm() Q/QSESE Sec 34 Twp. 34 Range 9W (Fed) Ind/State/Fee Mineral.
 Well Status (Circle): Flowing Shut-in Clock/Intermittent Gas Lift Pumping
 No. of Casing Strings (Circle) Two Three Liner

STEP 1: Observe & record all casing pressures as found.

Tubing Pressure: 81 formation (Fr) Production Casing: _____ formation (Fr.) Intermediate Casing Pressure: _____ Surface Casing Pressure: <1
 _____ formation () Pressure: 49 Pressure: _____ Pressure: _____

STEP 2: Sample now, if intermediate or surface casing pressure > 25 psi.

STEP 3: Bradenhead Test:
 (Buried valve? No Confirmed open? No)

With gauges monitoring production and intermediate casing (tubing, if no intermediate) pressure open surface casing (bradenhead) valve. Record pressures at five minute intervals. Define Characteristics of flow in "BHD Flow" Column using letter designations below:

O=NO FLOW; C=CONTINUOUS; D=DOWN TO O; H=WATER H2O; M=MUD; W=WHISPER; S=SURGES; G=GAS;

Note bradenhead PSIG at end of test:

Elapsed Time (min:sec)	Product. Casing Pressure	T20/INT Casing Pressure	BHD Flow
00:			
05:			
10:			
15:			
20:			
25:			
30:			

Bhd PSIG/END OF TEST 0

STEP 4: Intermediate Casing Test:
 (Buried valve? _____ Confirmed open? _____)

With gauges monitoring production & tubing strings, open intermediate valve. Record pressures at five minute intervals. Characterize flow.



Note instantaneous intermediate casing pressure at end of test:

SAMPLES TAKEN:

Bradenhead: Gas Liquid
 Character of Bradenhead Fluid:
 Clear Fresh Salty Sulfur Black
 Remarks: Slight puff - no buildup

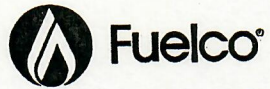
Elapsed Time (min:sec)	Product Casing PSIG	Tubing PSIG fm()	Tubing PSIG fm()	INT Flow
00:				
05:				
10:				
15:				
20:				
25:				
30:				

Intermediate PSIG/END OF TEST

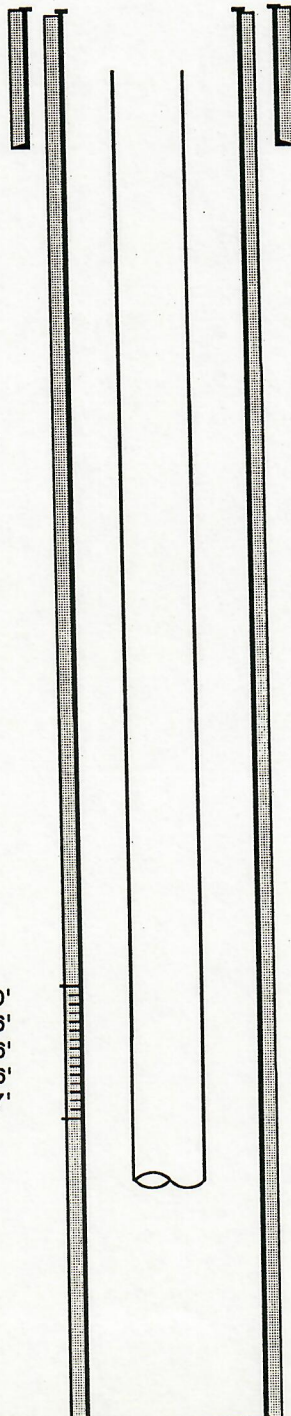
Intermediate: Gas Liquid
 Character of Intermediate Fluid:
 Clear Fresh Salty Sulfur Black

STEP 5: Send report to BLM within 30 days and to COGC within 10 days. Include well-bore diagram (if not previously submitted or if well-bore configuration has changed since prior diagram). Attach gas and liquid analyses if sampled. See reverse for details.

Test performed by: William Smith Pumper 3 259-3974
 Name Title Phone Number
 and certified true and correct William Smith 8 Jun 93
 Signature Date
 Witnessed by Terry Holloway P.E.T. BLM
 Signature Title Agency
 OVER FOR INFORMATION



Federal 34-1/2 #34-1
1,393' FSL and 1,151' FEL
Sec. 34, T34 1/2 N, R9W
La Plata County, Colorado
Elevation: 7,055' KB 7,041' GL
CA No: COC54687
API Number: 05-067-7514



8 5/8", 23#, M-50 casing set at 310'.
Cemented with 300 sacks Class "B", 2% CaCl₂, and
1/4#/sk celloseal.
Circ. 115 sx cmt to surface.

Perforations:
2,125' - 2,130'
2,132' - 2,146'
2,148' - 2,156'
2,157' - 2,166'
2,172' - 2,177'

2 7/8", 6.4#, 8RD, EUE tubing landed at 2,202'.

5 1/2", 17# M-75 casing set at 2,349'.
Cemented with 240 sx 65/35 Pozmix, 10% salt, 6 1/4#/sk
gilsonite, and 1/4#/sk T7-4 followed by 150 sx Class "B", 6 1/4#/sk
gilsonite, 3% salt, 1/4#/sk T7-4.
Circ. 21 sx cmt to surface.

PBTD 2,286'
TD 2,350'