

BLM BRADENHEAD TEST REPORT FORM

Lease #: 122IND _____
 MOO-C _____
 14-20- _____
 75 _____
 COC _____
 FEE/CA#: _____

Well Name Hoastedt 07u - 01 # 1 API# Req'd _____
 Operator Simcoe, LLC Date: 8-16-24

#03-045- _____
 #05-067- 06612
 #05-083- _____

QQ: SESW Sec 7 Twp 34 (N) Range 8 (W) Minerals: Federal-Indian-State-Fee

Well Status: On-Line (Flowing/Pumping/Plunger lift/Clock/Intermitter; Shut-In (GSI/TA), P&A **Type:** Gas SWD Injection **POW**
 Number of Casings if known: (circle) Two Two with liner Three Three with liner

STEP 1: CLOSE all BLM & approved-to-vent surface & intermediate VALVES 10-14 days prior to test. (BLM well BHD valves shall normally be closed unless specific BLM authorization has been approved to vent casing to atmosphere as a remediation procedure.)

BRADENHEAD TEST RECORDING

STEP 2: CERTIFY that all buried valves are in **OPEN** position:
 If Buried Bradenhead vlv, Confirmed Open? Y/N
 If Buried Intermediate vlv, Confirmed Open? Y/N
Expose piping for all BLM witnessed tests to demonstrate that buried valve is "open".

Elapsed time	Tubing Fm	Tubing Fm	Prod. Casing	Intermed. Casing	Surface Casing
Initial Pressure	# <u>40</u>	#	# <u>25</u>	#	# <u>4</u> Pressure
Min:Sec	# <u>40</u>	#	# <u>25</u>	#	Flow Char. <u>0</u>
05:00	<u>40</u>		<u>25</u>		Flow Char. <u>NF</u>
10:00					Flow Char.
15:00					Flow Char.
20:00					Flow Char.
25:00					Flow Char.
30:00					Flow Char.
				Instantaneous Ending Pressure	<u>0</u> <u>TSTM</u>

STEP 3: USING calibrated mechanical (2# accuracy) or digital Gauge, **MEASURE** Initial Tubing & Casing Pressures & Record on chart. Too small to measure = "TSTM".

STEP 4: If initial Surface casing is >25# (>5# within sensitive areas), SAMPLE gas using 10 individual cylinder purges & record cylinder # _____.

STEP 5: Open & flow Bhd vlv. monitoring flow Character. Record other casing pressures within 1st 5 min, then @ 5, 10, 15, 20, 25, 30min. Record Surface Csg. flow characteristic. "Required time to monitor" on reverse. **IF < 5 min. to blow down** show in "elapsed time" column of Chart; Record below the time to "whisper" & time to "no flow" if different.

BHD to "w" in ___ min ___ sec & to "NF" in ___ min ___ sec.

INT to "w" in ___ min ___ sec & to "NF" in ___ min ___ sec

STEP 6: Leave Bradenhead open & repeat above procedure with Intermediate casing. Record in Intermediate Test Record Chart

Record flow characteristic by letters: NF=no flow; D=gas diminished to no flow; G=continuous gas, W= whisper, V=vapor; S=surge; VAC=vacuum H=water; M=mud.

INTERMEDIATE TEST RECORDING

Water/mud character: (circle) clear, fresh, salty, sulfur, black (Gas sample analysis to be submitted with BHD test to BLM)

STEP 7: CLOSE ALL VALVES unless approved to vent.

REMARKS:

Note size of valve: BHD: 1" needle valve or 1/2" 3/4", 1", 2"
 INTERMEDIATE: 1" needle valve or 1/2" 3/4", 1", 2"

Clarifying remarks: Puff to zero

Elapsed Time	Tubing Fm	Tubing Fm	Prod. Casing	Intermed. Casing
Initial Pressure	#	#	#	# Pressure
Min:Sec	#	#	#	Flow Char.
05:00				Flow Char.
10:00		<u>N</u>	<u>A</u>	Flow Char.
15:00				Flow Char.
20:00				Flow Char.
25:00				Flow Char.
30:00				Flow Char.
				Ending Pressure

Tested by: Heather Alexander (signature) Heather Alexander

Phone 505-947-0367 DATE 8-16-24

Witnessed by _____ BLM/COGCC