BLM BRADENHEAD TEST REPORT FORM

Lease #: ☐ I22IND _____ ☐ MOO-C _____ ☐ 14-20- _____ ☐ 75_____ ☐ COC _____ ☐ FEE/CA#:_____

Well Name Hanstedt 07U-01 # 2 API# Req'd ☐ #03-045-_____ ☐ #05-067-0831103 ☐ #05-083-_____

Operator Simcoe, LLC Date: 8-16-24

QQ: SWNW 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.)

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".

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.

BRADENHEAD TEST RECORDING

Elapsed time	Tubing Fm___	Tubing Fm___	Prod. Casing	Intermed. Casing	Surface Casing
Initial Pressure	# 43	#	# 25	#	# 1 Pressure
___:1 Min:Sec	# 43	#	# 25	#	Flow Char. D
05:00	44		25		Flow Char. NF
10:00					Flow Char.
15:00					Flow Char.
20:00					Flow Char.
25:00					Flow Char.
30:00					Flow Char.
puff to zero				Instantaneous Ending Pressure	0 TSTM

***BHD** to "w" in ___min __sec & to "NF" in __min 1 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.

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: __/__" needle valve or ½" ¾", 1", 2"
INTERMEDIATE: __/__needle valve or ½" ¾", 1", 2"

Clarifying remarks: Puff to zero

INTERMEDIATE TEST RECORDING

Elapsed Time	Tubing Fm___	Tubing Fm___	Prod. Casing	Intermed. Casing
Initial Pressure	#	#	#	# Pressure
___:___ Min:Sec	#	#	#	Flow Char.
05:00				Flow Char
10:00				Flow Char
15:00	N	A		Flow Char
20:00				Flow Char
25:00				Flow Char
30:00				Flow Char
			Ending Pressure	

Tested by: (print name) Heather Alexander (signature) Heather Alexander

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

Witnessed by _____ BLM/COGCC