

BLM BRADENHEAD TEST REPORT FORM

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

Well Name Solomon Monitor # 3 API# Req'd ☐ #03-045-
☐ #05-067-08018
☐ #05-083-
Operator Simcoe, LLC Date: 12-22-22
QQ: NESW Sec 14 Twp 35 (N) Range 7 (W) Minerals: Federal-Indian-State-Fee

Well Status: On-Line (Flowing/Pumping/Plunger lift/Clock/Intermittent; 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".

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.

Elapsed time	Tubing Fm	Tubing Fm	Prod. Casing	Intermed. Casing	Surface Casing
Initial Pressure	#	#	# <u>D</u>	#	# <u>TSTM</u>
Min:Sec	#	#	# <u>D</u>	#	Flow Char. <u>NF</u>
05:00					Flow Char.
10:00					Flow Char.
15:00					Flow Char.
20:00					Flow Char.
25:00					Flow Char.
30:00					Flow Char.
No Flow				Instantaneous Ending Pressure	# <u>TSTM</u>

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.

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: _____

Tested by: _____
(print name) Sean Casaus (signature) Sean Casaus

Phone 505-392-8696 DATE 12-22-22

Witnessed by _____ BLM/COGCC

INTERMEDIATE TEST RECORDING

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