

BLM BRADENHEAD TEST REPORT FORM

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

Well Name Lemon K # 1 API# Req'd

Operator Simcoe, LLC Date: 8-16-21

QQ: NWNE Sec 18 Twp 34 (N) Range 8 (W) Minerals: Federal-Indian-State-Fee

☐ #03-045- _____
☐ #05-067- 066015
☐ #05-083- _____

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".

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>42</u>	#	# <u>24</u>	#	# <u>1</u> Pressure
<u>1</u> Min:Sec	# <u>42</u>	#	# <u>24</u>	#	Flow Char. <u>D</u>
05:00	<u>42</u>		<u>24</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.
<u>Puff to zero</u>				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: 1/2" needle valve or 1/2" 3/4", 1", 2"
 INTERMEDIATE: 1/2" needle valve or 1/2" 3/4", 1", 2"

Clarifying remarks: Puff to zero

Tested by: Heather Alexander (signature) Heather Alexander

Phone 505-947-0367 DATE 8-16-21

Witnessed by _____ BLM/COGCC

INTERMEDIATE TEST RECORDING

Elapsed Time	Tubing Fm	Tubing Fm	Prod. Casing	Intermed. Casing
Initial Pressure	#	#	#	# Pressure
<u>1</u> 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