BLM BRADENHEAD IGNACIO-BLANCO FIELD TEST REPORT FORM

Lease #: ☐ I22IND _____ Well Name McCathron A # 2 API# Req'd ☒ #05-067-09556
☐ MOO-C _____ ☐ #05-083-_____
☐ 14-20-_____ Operator Simcoe Date: 5-3-21 ☐ #05-007-_____
☐ 75_____
☐ COC_____ QQ: NESW Sec 28 Twp 34 (N) Range 7 (W) Minerals: Federal-Indian-State-Fee
☒ FEE/CA#: Cor 53654

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 v/v, Confirmed Open? Y/N
If Buried Intermediate v/v, 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 All Casings (surface, intermediate, production) using 10 individual cylinder purges &
record cylinder #s 010 **(s)** _____ **(i)** SNC0032 **(p).**

STEP 5: Open & flow Bhd v/v. 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

BRADENHEAD TEST RECORDING

Elapsed time	Tubing Fm___	Tubing Fm___	Prod. Casing	Intermed. Casing	Surface Casing
Initial Pressure	#	# 70	# 137	# N/A	# 70 Pressure
___:2 Min:Sec	#	# 70	# 137	# N/A	Flow Char. D
05:00		69	137	N/A	Flow Char. NF
10:00		70	137	N/A	Flow Char. NF
15:00		70	137	N/A	Flow Char. NF
20:00		70	137	N/A	Flow Char. NF
25:00					Flow Char.
30:00					Flow Char.
2 sec to NF				Instantaneous Ending Pressure	Ø TSTM

STEP 6: 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
(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: 2 sec to NF

Tested by: (print name) Erik Shaw (signature) [signature]

Phone 505 408 9099 DATE 5-3-21

Witnessed by _____ BLM/COGCC

BHD Cylinder 010

Casing Cylinder SNC0032

INTERMEDIATE TEST RECORDING
(If Intermediate Casing pressure decreases during Bradenhead Test)

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				Flow Char
20:00				Flow Char
25:00				Flow Char
30:00				Flow Char
			Ending Pressure	