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BLM BRADENHEAD IGNACIO-BLANCO FIELD TEST REPORT FORM

Lease #: ☐ 122IND _____ Well Name SO WYE 33-6 # 7-2 API# Req'd ☐ #05-067- 08906
☐ MOO-C _____ Operator Red Willow Production Co. ☐ #05-083- _____
☐ 14-20- _____ Date 6-15-23 ☐ #05-007- _____
☐ 75 _____ COC _____
☐ COC _____ QQ SESW Sec 7 Twp 33 (N) Range 6 (W) Minerals: Federal-Indian-State-Fee
☐ FEE/CA# FEK

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.)

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 All Casings (surface, intermediate, production) using 10 individual cylinder purges &

record cylinder #s _____ (s) _____ (i) _____ (p).

STEP 5: Open & flow Bhd vlv. monitoring flow Character. Record other casing pressures within 1" 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: 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: 1/2" needle valve or 1/4" 3/8" 1/2" 3/4" 1"
 INTERMEDIATE: _____ needle valve or 1/2" 3/4" 1",

2" Clarifying remarks:

Tested by: James Kirby (signature) FEK
 (print name) 970 446 1491 DATE 6-15-23
 Phone

Witnessed by _____ BLM/COGCC

BRADENHEAD TEST RECORDING

Elapsed time	Tubing Fm	Tubing Fm	Prod. Casing	Intermed. Casing	Surface Casing
Initial Pressure	# <u>33</u>	# <u>N/A</u>	# <u>32</u>	# <u>N/A</u>	# <u>3</u> Pressure
Min:Sec	# <u>33</u>	# <u>N/A</u>	# <u>32</u>	# <u>N/A</u>	Flow Char. <u>D</u>
05:00	<u>33</u>	<u>N/A</u>	<u>32</u>	<u>N/A</u>	Flow Char. <u>NF</u>
10:00	<u>33</u>	<u>N/A</u>	<u>32</u>	<u>N/A</u>	Flow Char. <u>NF</u>
15:00					Flow Char.
20:00					Flow Char.
25:00					Flow Char.
30:00					Flow Char.
					Instantaneous Ending Pressure <u>TSTM</u>

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

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 Tribal Government