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BLM BRADENHEAD IGNACIO-BLANCO FIELD TEST REPORT FORM

Lease #: ☐ 122IND Well Name VIERTEL 33-8-16# 5 API# Req'd ☒ #05-067- 09103
☐ MOO-C Operator Red Willow Production Co. Date 5/24/23 ☐ #05-083-
☐ 14-20- Qd FENW Sec 16 Twp 33(N) Range 8 (W) Minerals: Federal-Indian-State (Fee) ☐ #05-007-
☐ 75
☐ COC
☒ FEE/CA# 038599

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 casing 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 N/A (s) (i) (p).

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.

BHD to "w" in ___ min ___ sec & to "NF" in Q min I sec.

BRADENHEAD TEST RECORDING

Elapsed time	Tubing Fm	Tubing Fm	Prod. Casing	Intermed. Casing	Surface Casing
Initial Pressure	# <u>25</u>	#	# <u>27</u>	# <u>N/A</u>	# <u>13</u>
<u>0:07</u> Min:Sec	# <u>25</u>	#	# <u>27</u>	#	Flow Char. <u>D</u>
05:00	<u>25</u>		<u>27</u>		Flow Char. <u>NF</u>
10:00	<u>25</u>		<u>27</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>

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 " needle valve or 1/2" 1/4" 1" 2"
 INTERMEDIATE: 1 " needle valve or 1/2" 1/4" 1",

2" Clarifying remarks: cloud BHD

Tested by: Larri Williams (signature) RV2

Phone 970553 0023 DATE 5/24/23

Witnessed by _____ BLM/COGCC

INTERMEDIATE TEST RECORDING

(If Intermediate Casing pressure decreases during Bradenhead Test)

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

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 Tribal Government