

BLM BRADENHEAD IGNACIO-BLANCO FIELD TEST REPORT FORM

API 067-09315
Received 10/5/2015
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Lease #: ☐ 122IND _____
☐ MOO-C _____
☐ 14-20 _____
☐ 75 _____
☐ COC _____
☒ FEE/CA# _____

Well Name SL 34-9#30-8FC # _____ API# Req'd ☒ #05-067-09315
☐ #05-083- _____
☐ #05-007- _____
 Operator Red Willow Production Date: 5/4/2015
 QQ: SE NW Sec 30 Twp 34 (N) Range 7 (W) Minerals: Federal-Indian-State-Fee

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".

Elapsed time	Tubing Fm	Tubing Fm	Prod. Casing	Intermed. Casing	Surface Casing
Initial Pressure	#	# <u>4</u>	# <u>4</u>	#	# <u>TSTM</u> Pressure
<u>0</u> : <u>0</u> Min:Sec	#	# <u>4</u>	# <u>4</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.
				Instantaneous Ending Pressure <u>TSTM</u>	

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) _____ (l) _____ (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 0 sec & to "NF" in _____ min 0 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.

INTERMEDIATE TEST RECORDING
(Not routinely required by N.T.L.-TRFO-2012-1)

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 1/2" needle valve or 1/2" 3/4" 1", 2"
 INTERMEDIATE: 1" needle valve or 1/2" 3/4", 1",

2" Clarifying remarks:

Tested by: Lawrence Cloud (signature) Lawrence Cloud

Phone 970 442-1214 DATE 5/4/2015

Witnessed by _____ BLM/COGCC

Elapsed Time	Tubing Fm	Tubing Fm	Prod. Casing	Intermed. Casing
Initial Pressure	#	#	#	# Pressure
<u>0</u> : <u>0</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