

SPN Well Services

TREATMENT REPORT

LEED ENERGY

P.O. BOX 329

DATE 5 September 2018

FORT LUPTON, CO 80621

FIELD TICKET # _____

303-654-9202

WELL NAME & NO. <u>Horseshoe Canyon 2</u>		GPS: <u>39.247571, -108.239138</u>	API # <u>05-177-08033</u>			ALLOWABLE PRESSURE TBG: _____ CSG: _____
POOL	FORMATION	JOB DONE DOWN: TUBING CASING ANNULUS			PACKER TYPE: _____	
COUNTY <u>Mesa</u>	STATE <u>Colorado</u>	WELL TYPE: OIL GAS WATER INJ.			PACKER DEPTH: _____	
		AGE OF WELL	NEW	REWORK	CASING SIZE: <u>4 1/2" 10.5" 8 1/2" 24"</u>	
		TYPE OF SERVICE			CASING DEPTH: _____	
CUSTOMER NAME <u>Laramie Energy</u>					TUBING SIZE: <u>2 3/4" 4.7"</u>	
ADDRESS <u>Trout Ranch</u>					TUBING DEPTH: _____	
CITY, STATE, ZIP: _____					OPEN HOLE: _____	
TELEPHONE: _____					CSG OR ANRL VOL: _____	
TREATMENT NO. _____					TBG VOLUME: _____	
CUST. REMARKS _____						
SERVICE RATED					DEPTH	
POOR FAIR GOOD EXCELLENT					NO. OF HOLES	
CUSTOMER SIGNATURE _____						
ARRIVED AT LOCATION <u>7:00</u>						

TIME	RATE	BBLs IN	CSG	TBG	WEIGHT	YIELD	REMARKS
7:00							Arrive @ location
9:30							Set Pump schedule
9:41	.5	1		0	8.33		Pressure test iron to 2500 psi
9:47	2	2		350	8.33		Establish circulation
9:48	2	2.04		350	15.8	1.15	Pump 10 sacks of neat cement
9:50	2	9		250	8.33		Displace w/ 9 bbls fresh water
9:55							Stand by
11:15	2.5	10		300	8.33		Establish circulation
11:19							Stand by
12:13	2.5	2		200	8.33		Establish circulation
12:14	2.5	32.8		200	15.8	1.15	Pump 160 sacks of neat cement
12:28							Wash truck
12:53							Stand by
14:30	.5	7		0	15.8	1.15	Top off well w/ 34 sacks of neat Cement kept falling. Shut down to let cement set up.
15:16							Wash truck
16:00							Leave location

TIME LEFT LOCATION:	<u>6:00</u>	NAME & UNIT	
AVER. LIQUID INJ. RATE:	<u>2.25 bbl per min</u>		<u>1st plug - 1169 @ 2497' PH-7.5</u>
MAX. PRESSURE:	<u>350 psi</u>		<u>TOC: 2369'</u>
SHUT IN PRESSURE (IMMEDIATE):	<u>0 psi</u>		<u>2nd plug - 1676 @ 388' TOC - Surface</u>
SHUT IN PRESSURE (15 MIN):	<u>0 psi</u>		<u>Total Sacks - 204 Sugar - 200 lbs</u>
ENGINEER:	<u>Dominic Wilson</u>		<u>All cement weight verified by scales</u>