



Well Services

TREATMENT
REPORT

P.O. BOX 329
FORT LUPTON, CO 80621
303-654-9202

DATE 5-9-19
FIELD TICKET # _____

WELL NAME & NO. <u>Spike State D14-13</u>		LOC. <u>SPN 725</u> <u>OB - Gutterman</u> <u>Ranch #34</u>	SERIAL # <u>05-123-25097</u>	LIFT PRESSURE & POP OFF LIFT: <u>2215</u> / <u>342</u> POP OFF: <u>1700</u> / <u>250</u>
PUMP: <u>2900</u>	BULK: <u>2883</u>	JOB PUMPED THRU TUBING CASING ANNULUS		WATER PH <u>7.5</u>
COUNTY: <u>Weld</u>	STATE: <u>CO</u>	WELL TYPE: OIL GAS WATER INJ.	AGE OF WELL: NEW REWORK	TYPE OF CEMENT <u>GREAT</u>
CUSTOMER NAME: <u>Noble - Dallas</u>		JOB TYPE: <u>CICR Squeeze, Shoe in</u> <u>Casing</u>		CASING SIZE: <u>4 1/2" 11.6 #</u>
JOB SUPERVISOR: <u>MARK SCHILLINGS of Mike Hemken, Tim St. John</u>		SERVICE RATED: POOR FAIR EXCELLENT		CASING DEPTH: <u>N/A</u>
				TUBING SIZE: <u>2 3/8" 4.7 #</u>
				TUBING DEPTH: <u>2400</u>
				OPEN HOLE: <u>9"</u>
				CSG OR ANRL VO:
				TBG VOLUME:

REMARKS: <u>SKS - 464</u> <u>BAL - 95</u> <u>Sugar - 100 lbs</u> <u>Mud Flush 10 bbl</u>	WELL INFORMATION	
	DESCRIPTION	DEPTH
	<u>1st Retainer</u>	<u>2400'</u>
	<u>Perfs</u>	<u>2000', 2500'</u>
	<u>TOCA</u>	<u>2000'</u>
	<u>TOCIC</u>	<u>2271'</u>
	<u>Surface Csg Depth</u>	<u>740'</u>
	<u>Prod. Csg Depth</u>	<u>940'</u>
CUSTOMER SIGNATURE:	<u>Requested Pump</u> <u>Time: 9:00 am 2nd</u>	

TIME	INJECTION		PRESSURE		CEMENT SLURRY		REMARKS
	RATE	BBLs IN	CSG	TBG	WEIGHT	YIELD	
830							Arrive on Site
834							ISA CMT Crew
840							Rig Up
926							ISA Rig Crew
933							Test Lines
938	1.0	2.0	1200		8.3		Break Circulation w/ H ₂ O
943	2.25	33.0	900		15.8	1.15	Pump CMT, 161 SKS GREAT, 15.8# Verify by Scale
1000	2.0	7.3	1000		8.3		Displace 7.3 bbl H ₂ O
1006							Shut Down, String Out
1010							Wash up
							Wait on Wireline to cut Csg, Rig to circulate & rig down BOP. Will Pump shoe through Csg.
215							ISA Rig Crew
219							Test Lines
227	2.2	100	150		8.5		Pump Mud Flush
230	2.3	50	150		8.3		Pump H ₂ O spacer
235	2.3	62.0	150		15.8	1.15	Pump cut Great 303 SKS, 15.8# Verify by Scale
257							Shut down
259							Washing Rig Down
340							Leave Location

TIME & EQUIPMENT CHARGES		PRICE PER UNIT	MATERIALS CHARGES	PRICE PER UNIT
2 Man Crew & Pump		\$2,000.00	Class G Cement (50SK Min)	\$15.00/SK ✓ 464
2 Man Crew, Pump Plus Bulk Truck		\$2,300.00 ✓	Gas Check Blend	\$35.00/SK
Additional Bulk Truck		\$350.00	Sugar	\$1.50/LB ✓ 100 lbs
Additional Time On Location After 5 HRS		\$250.00/HR	Mud Flush	\$40.00/BBL ✓ 10 bbl
Job Cancellation		\$450.00	Calcium Chloride	\$5.00/LB
TOTAL:				