



**TREATMENT
REPORT**

MONUMENT WELL SERVICES

779 Valley Ct.

DATE: 3 September 2019

GRAND JUNCTION, CO 81505

FIELD TICKET #: 117085

970-257-6100

WELL NAME & NO. Yellow Creek Federal 32-12-1		GPS: 40.014050, -108.42261	API # 05-103-11200			ALLOWABLE PRESSURE TBG: <u>500 PSI</u> CSG:
POOL	FORMATION	JOB DONE DOWN:		TUBING	CASING	ANNULUS
COUNTY Garfield	STATE Colorado	WELL TYPE:	OIL	GAS	WATER	INJ.
CUSTOMER NAME: XTO Energy Mike Shank		AGE OF WELL	NEW	REWORK		
ADDRESS:		TYPE OF SERVICE		PACKER TYPE:		
CITY, STATE, ZIP:				PACKER DEPTH:		
TELEPHONE:				CASING SIZE: <u>9 5/8" 36#</u>		
TREATMENT NO.:				INTER. CASING:		
CUST. REMARKS:				SURFACE CASING: <u>20" 94#</u>		
SERVICE RATED: POOR FAIR GOOD EXCELLENT				TUBING SIZE: <u>2 3/8" 4.7#</u>		
CUSTOMER SIGNATURE:				TUBING DEPTH:		
ARRIVED AT LOCATION: 6:30				OPEN HOLE:		
						PERFORATED INTERVALS
						DEPTH
						NO. OF HOLES

TIME	INJECTION		PRESSURE		CEMENT SLURRY		REMARKS
	RATE	BBLs IN	CSG	TBG	WEIGHT	YIELD	
6:30							Arrive at location
8:10							JSA/ Pump schedule
8:23	0.5	1		0	8.33		Pressure test iron to 1,000 PSI
8:34	2.5	5		350	8.33		Establish Circulation
8:37	2.5	6.14		350	15.8	1.15	Pump 30 sacks G Neat Cement
8:40	2.5	12.7		200	8.33		Displace w/ Fresh water
8:46							Stand By
9:35	2.5	142		200	9		Pump mud
12:35							Stand Down
13:24	2.5	5		200	8.33		Establish Circulation
13:27	2.5	11.26		200	15.8	1.15	Pump 55 sack G Neat Cement
13:32	2.5	5		150	8.33		Displace w/ Fresh water
13:45							Stand By
14:00	2.5	86		200	9		Pump mud
16:01							Stand by
17:29	2.5	5		50	8.33		Establish Circulation
17:32	2.5	13.5		50	15.8	1.15	Pump 66 sack G Neat Cement
17:55	1	9.01		50	15.8	1.15	Pump 44 sacks G Neat Cement
18:13							Wash Truck
19:00							Secure Equipment/ Leave Location

TIME LEFT LOCATION:	19:00	NAME & UNIT	Additional Information
AVER. LIQUID INJ. RATE:	2.5 bbls per min		1st Plug: Tbg @ 3387' TOC @ 3307.57'
MAX. PRESSURE:	350 PSI		2nd Plug: Tbg @ 1447' TOC @ 1301.33'
SHUT IN PRESSURE (IMMEDIATE):	0 PSI		3rd Plug: Tbg @ 178' TOC @ Surface
SHUT IN PRESSURE (15 MIN):	0 PSI		4th Plug: Tbg @ 38' TOC @ Surface
ENGINEER: Dominic Wilson			All cement weight verified by scales



CEMENT REPORT

MONUMENT WELL SERVICES

OPERATOR: XTO Energy	DATE: 3 September 2019	API#: 05-103-11200
LEASE NAME: Yellow Creek Federal 32-12-1	RIG #: SPN # 14	COUNTY: Rio Blanco

	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5
CEMENT DATE:	3-Sep	3-Sep	3-Jan	3-Sep	
SIZE OF HOLE OR PIPE IN WHICH PLUG PLACED:	9 5/8"	9 5/8"	9 5/8"	20"	
DEPTH TO BOTTOM OF TUBING OR DRILL PIPE:	3387'	1447'	178'	38'	
SACKS OF CEMENT USED (EACH PLUG):	30	55	66	44	
SLURRY VOLUME PUMPED:	6.14	11.26	13.5	9.01	
MEASURED TOP OF PLUG:	3307.57'	1301.33'	Surface	Surface	
SLURRY WT. #/GAL. :	15.8	15.8	15.8	15.8	
TYPE CEMENT:	G Neat	G Neat	G Neat	G Neat	
MUD FLUSH USED BBLs:	0	0	0	0	
CALCIUM CHLORIDE USED LBS:	0	0	0	0	
SUGAR USED LBS:	0	100	0	100	

SIGNATURE OF CEMENTER OR AUTHORIZED REPRESENTATIVE

SPN Well Services

NAME OF CEMENTING CO.