

WELL DATA

FIELD Wattenberg SEC. _____ TWP. _____ RNG. _____ COUNTY Weld STATE CO

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ FROM _____ TO _____

INITIAL PROD. OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD

PRESENT PROD. OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD

COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____

PACKER TYPE _____ SET AT _____

BOTTOM HOLE TEMP. _____ PRESSURE _____

MISC. DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<u>U</u>	<u>11.6</u>	<u>4 1/2</u>	<u>0</u>	<u>3920</u>	<u>2000</u>
LINER						
TUBING	<u>U</u>	<u>4.6</u>	<u>2 3/4</u>	<u>0</u>	<u>3903</u>	<u>2000</u>
OPEN HOLE						SHOTS/FT.
PERFORATIONS				<u>3816</u>	<u>3823</u>	
PERFORATIONS						
PERFORATIONS						

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER <u>1" stop 2 1/8 Swedge</u>	<u>1</u>	<u>Howe</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>J. CRANE</u>	<u>46467</u>	<u>7544</u>
<u>R. BAYLESS</u>	<u>61692</u>	<u>REM</u>
<u>L. LAFFERTY</u>	<u>62130</u>	<u>2530</u>
	<u>BULK</u>	<u>"</u>

CALLLED OUT DATE 10/21 TIME 0730

ON LOCATION DATE 10/21 TIME 1020

JOB STARTED DATE 10/21 TIME 1147

JOB COMPLETED DATE 10/21 TIME 1500

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB./GAL. °API

DISPL. FLUID _____ DENSITY _____ LB./GAL. °API

PROP. TYPE _____ SIZE _____ LB.

PROP. TYPE _____ SIZE _____ LB.

ACID TYPE _____ GAL. _____ %

ACID TYPE _____ GAL. _____ %

ACID TYPE _____ GAL. _____ %

SURFACTANT TYPE _____ GAL. _____ IN

NE AGENT TYPE _____ GAL. _____ IN

FLUID LOSS ADD. TYPE _____ GAL.-LB. _____ IN

GELLING AGENT TYPE _____ GAL.-LB. _____ IN

FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN

BREAKER TYPE _____ GAL.-LB. _____ IN

BLOCKING AGENT TYPE _____ GAL.-LB. _____

PERFPAC BALLS TYPE _____ QTY. _____

OTHER _____

OTHER _____

DEPARTMENT _____

DESCRIPTION OF JOB _____

JOB DONE THRU: TUBING ☐ CASING ☐ ANNULUS ☐ TBG./ANN. ☒

CUSTOMER REPRESENTATIVE X Jim CRANE

HALLIBURTON OPERATOR _____ COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>75</u>	<u>25/75</u>	<u>POZ</u>	<u>B</u>	<u>25% POZ MIX 75% CNT 2% GR 1</u> <u>5/10% HALAD 344 5/10% CFR 3</u>	<u>1.29</u>	<u>14.5</u>

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____

BREAKDOWN _____ MAXIMUM _____

AVERAGE _____ FRACTURE GRADIENT _____

SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____

HYDRAULIC HORSEPOWER

ORDERED _____ AVAILABLE _____ USED _____

AVERAGE RATES IN BPM

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE

FEET _____ REASON _____

SUMMARY

VOLUMES

PRESLUSH: BBL.-GAL. 20-10-5 TYPE CaCl Superflash

LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____

TREATMENT: BBL.-GAL. _____ DISPL. BBL.-GAL. 17

CEMENT SLURRY: BBL.-GAL. 17 1/2

TOTAL VOLUME: BBL.-GAL. 70 1/4


RAMARKS

TOTAL CAPACITY 17.7 BBL.

SEE LOG

JOB LOG FORM 2013 R-3

 DATE 10/21/93 PAGE NO. 1

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.	
SOCO		32-15		OHOSOL		SQUEEZE PERFS		489946	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				T	C	TUBING	CASING		
1	0730							CALLED OUT	
	1120							ON LOCATION	
	1147	idle						Pump Fresh H ₂ O & Tbg.	
			1			1600		↑	
	1153	2 1/2	2 1/2			1700		RATE: PSI	
			5					SHUT DOWN ISIP 900	
								Mix Super Flush 1:1	
	1220	2				1450		Pump & Tbg w/ CaCl water	
			20					Encl CaCl - pump H ₂ O spacer	
			3					Encl spacer - pump Super flush	
			10			1900		Encl S.F. = pump H ₂ O spacer	
			3					SHUT DOWN	
	1244	1				1700		pump cont @ 19.5#/min	
	1300	1 1/4	17 1/2			1100		End cont - displace w/ H ₂ O	
			10			1300			
		1/2	13			1250			
		idle	15 1/2			1400			
	1322	-	16 1/2			1500		SHUT DOWN	
	1340	idle	16 3/4			2000		1 ST STAGE	
	1355	idle	16 3/4+			1500		2 ND STAGE	
	1400	idle				1500		3 RD STAGE	
	1405							Release - NOT FLOWING back	
	1407							Pull 3 STANDS	
	1420							Close Tubing in	
	1500							End Job	
THANK YOU									
									

CUSTOMER