



TREATMENT REPORT

Acid Stage No. _____

Date: 6-7-19 District: Gr. Bend P. O. No. 46770
 Company: MIKE KELSO Drilling
 Well Name & No.: SWARTZ 3-20
 Location: 10-175-21W Field: _____
 County: NESS State: KS

Casing Size: 4 1/2" Type & Wt. _____ Set at _____ ft.
 Formation: _____ Part _____ to _____
 Formation: _____ Part _____ to _____
 Formation: _____ Part _____ to _____
 Liner Size: _____ Type & Wt. _____ Top at _____ ft. Bottom at _____ ft.
 Cemented: Yes/No _____ Perforated from _____ ft. to _____ ft.
 Tubing: Size & Wt. 2 3/8" Hung at _____ ft.
 Perforated from _____ ft. to _____ ft.
 Iron Hole Size: _____ T. H. _____ ft. P. H. to _____ ft.

Type Treatment:	Amt.	Type Fluid	Sand Size	Pounds of Sand
Endow	Bbl./Gal.			
	Bbl./Gal.			
	Bbl./Gal.			
	Bbl./Gal.			
Flush	Bbl./Gal.			
Treated from	ft. to		ft. No. ft.	
from	ft. to		ft. No. ft.	
from	ft. to		ft. No. ft.	
Actual Volume of Oil/Water to Lead Hole:				Bbl./Gal.
Pump Trucks No. Used:	Std. <u>218</u>	Gal.	Trails	
Auxiliary Equipment	<u>347-510</u>			
Tacker:			Set at _____ ft.	
Auxiliary Tools	<u>Duane Tim Mike</u>			
Flooding or Sealing Materials: Type _____				

Company Representative: Mike Kelso

Treater: Duane

TIME a.m. / p.m.	PRESSURES		Total Fluid Pumped	REMARKS
	Tubing	Casing		
4:00				ON LOG
:				START PLUG IN HOLE
:				SET PLUG @ 1607"
:			0	SPOT SAND
:			5	SAND SPOTTED
:				CAME OUT OF HOLE W/ OVERSHOT
:				OVERSHOT OUT OF HOLE
:				START IN HOLE W/ PORT COLLAR TOOL
:				FOUND PORT COLLAR @ 1500"
:	300			PSI LOG
:				OPEN PORT COLLAR
:				BREAK CIR.
:			0	MIX CMT
:			63.67	CMT MIXED
:			0	START DISP
:			5	DISP. 5 BRIS
:				CIR. PORT
:	300			PSI TEST PORT COLLAR
:				RUN 1.5 MIN
:			15	CIR CMT OUT OF HOLE
:				TUBING CLEAR
:				START PORT COLLAR TOOL OUT OF HOLE
:				PORT COLLAR TOOL OUT OF HOLE
:				START PLUG OVERSHOT IN HOLE
:			25	CIR SAND AT BRIDGE PLUG
:				LATCH ON PLUG
:				RELEASE PLUG + START OUT OF HOLE
:				PLUG OUT OF HOLE
7:40				TOOL COMPLETE