



Country: USA  
State: TEXAS  
Field: SALT DRAW  
Supervisors: W. NELSON / B. HEBERT / J. POPHAM / K. FETT  
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 016  
Report Date: 06/18/2017  
Spud Date: 03/12/2017  
Release Date:  
DOE: 48 DOL: 16 AFE Days: 8.00  
Last BOP T.: CSG Test:

**\*\*Data shared on this report is CONFIDENTIAL\*\***

Event: COMPLETION LAND  
Safety Meeting Topic:  
Location: Lat: 31° 2' 13.06517 N  
Long: 101° 6' 12.38328 W

API #:	4210542351
Rig:	
Rig Phone:	
KB(ft):	2,642.01
POB: 31	Manhours: 62.00

Current Activity:	GREASING VALVES ON STACK AND MANIFOLD
24 Hr Summary:	FRAC STG # 11, 12, 13 WL STG # 12, 13, 14
24 Hr Forecast:	CONTINUE FRAC OPS

## OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	07:34	1.57	N	STG11	18	OTHR	TIGHTING UP PACKING NUTS AND ADAPTER BOLTS ALSO HAS TWO LEAKS WHILE PSI TESTING
07:34	09:30	1.93	P	STG11	35	STIM	FRAC STAGE # 11: SICP: 1,973. PUMP 31 BBLS 15% HCL, FRW PAD 299,351 LBS 100 MESH @ .50 - 2.00 PPG; FRW FLUSH, 190 BBLS VISCOSIFIED 15% HCL; 100,687 LBS 40/70 @ 1.00 - 2.00 PPG FRW FLUSH + 15 BBLS. ISIP: 2,937 PSI. FG: 0.88 PSI/FT. ATP: 6,232 PSI. ATR: 82.1 BPM. MTP: 7,113 PSI. MTR: 90.5 BPM. LTR: 8,445 BBLS CLEAN 2,455 BBL PRODUCED. PUMPS IN LINE: 16 LOST: 2 STANDBY: 2
09:30	10:40	1.17	P	STG12	73	WOOWO	WOOWO
10:40	11:00	0.33	P	STG12	18	OTHR	SWAPPING WELLS
11:00	12:28	1.47	P	STG12	21	PERF	WL STAGE # 12. RIH W/ HES OBSIDIAN 5.5" CFP, 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 6,170'. PUMP DOWN TO SET CFP @ 12,543'. PU & PERF ON THE FLY AT 12,362' - 12,528'. PUMPED 336 BBLS. POOH. ALL SHOTS FIRED
12:28	12:37	0.15	P	STG12	73	WOOWO	WOOWO
12:37	12:53	0.27	P	STG12	18	OTHR	SWAPPING WELS
12:53	14:46	1.88	P	STG12	35	STIM	FRAC STAGE # 12: SICP: 2,180. PUMP 30 BBLS 15% HCL, FRW PAD 299,331 LBS 100 MESH @ .50 - 2.00 PPG; FRW FLUSH, 192 BBLS VISCOSIFIED 15% HCL; 100,677 LBS 40/70 @ 1.00 - 2.00 PPG FRW FLUSH + 15 BBLS. ISIP: 3,181 PSI. FG: 0.92 PSI/FT. ATP: 5,985 PSI. ATR: 83.2 BPM. MTP: 6,975 PSI. MTR: 91.0 BPM. LTR: 8,486 BBLS CLEAN 2,601 BBL PRODUCED. PUMPS IN LINE: 16 LOST: 0 STANDBY: 2
14:46	15:05	0.32	P	STG13	18	OTHR	SWAPPING WELLS
15:05	16:34	1.48	P	STG13	21	PERF	WL STAGE # 13. RIH W/ HES OBSIDIAN 5.5" CFP, 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 6,170'. PUMP DOWN TO SET CFP @ 12,341'. PU & PERF ON THE FLY AT 12,158' - 12,327'. PUMPED 318 BBLS. POOH. ALL SHOTS FIRED
16:34	20:32	3.97	P	STG13	73	WOOWO	WOOWO
20:32	22:20	1.80	P	STG13	35	STIM	FRAC STAGE # 13: SICP: 2,119. PUMP 30 BBLS 15% HCL, FRW PAD 299,300 LBS 100 MESH @ .50 - 2.00 PPG; FRW FLUSH, 191 BBLS VISCOSIFIED 15% HCL; 100,714 LBS 40/70 @ 1.00 - 2.00 PPG FRW FLUSH + 15 BBLS. ISIP: 2,748 PSI. FG: 0.92 PSI/FT. ATP: 6,072 PSI. ATR: 83.6 BPM. MTP: 7,585 PSI. MTR: 91.2 BPM. LTR: 8,387 BBLS CLEAN 2,370 BBL PRODUCED. PUMPS IN LINE: 17 LOST: 1 STANDBY: 2
22:20	01:24	3.07	P	STG14	73	WOOWO	WOOWO
01:24	02:45	1.35	P	STG14	21	PERF	WL STAGE # 14. RIH W/ HES OBSIDIAN 5.5" CFP, 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 6,170'. PUMP DOWN TO SET CFP @ 12,140'. PU & PERF ON THE FLY AT 11,956' - 12,125'. PUMPED 318 BBLS. POOH. ALL SHOTS FIRED
02:45	05:45	3.00	P	STG14	73	WOOWO	WOOWO
05:45	06:00	0.25	P	STG14	18	OTHR	GREASING VALVES ON STACK AND ZIPPER MANIFOLD

Daily Operations Comments:

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
			Fluids Eng:	Qty	Description	ID	OD	Top Set
14.000	70.00 / 70.00		Pit Temp:					
9.625	998.03 / 998.03		Density:					
			Brine Type:					
			Gel Type:					
			Viscosity:					
			Nitrogen:					
			NTU:					
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

## PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments