



Country: USA  
State: TEXAS  
Field: SALT DRAW  
Supervisors: W.NELSON / B.HEBERT / D. OWENS / K. FOWLE  
Engineer/Manager: MAHONEY, PETER / GRUBB, ALLEN

Report Number: 017  
Report Date: 08/11/2017  
Spud Date: 04/26/2017  
Release Date:  
DOE: 57 DOL: 18 AFE Days: 6.00  
Last BOP T.: CSG Test:

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

Event: COMPLETION LAND  
Safety Meeting Topic:  
Location: Lat: 31° 1' 48.10297 N  
Long: 101° 5' 0.01458 W

API #: 4210542362  
Rig:  
Rig Phone:  
KB(ft): 2,649.01  
POB: 78 Manhours: 312.00

Current Activity: WOOWO. STG 17 READY TO FRAC.  
24 Hr Summary: FRAC STG'S 14, 15 & 16. W/L STG'S 15, 16 & 17.  
24 Hr Forecast: CONT 24 HR FRAC OPS.

## OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	08:30	2.50	P	STG14	73	WOOWO	WOOWO.
08:30	09:25	0.92	N	STG14	18	OTHR	HAD TO RE-PACK 3 PUMPS
09:25	11:21	1.93	P	STG14	35	STIM	FRAC STAGE # 14: SICP: 2,085. PUMP 31 BBLS 15% HCL, FRW PAD 299,351 LBS 100 MESH @ .50 - 2.00 PPG; FRW FLUSH, 192 BBLS VISCOSIFIED 15% HCL 100,671 LBS 40/70 @ 1.00 - 2.00 PPG FRW FLUSH + 15 BBLS. ISIP: 2,948 PSI. FG: 0.87 PSI/FT. ATP: 5,660 PSI. ATR: 77.5 BPM. MTP: 6,917 PSI. MTR: 90.5 BPM. LTR: 8,406 BBLS CLEAN, 2,455 BBL PRODUCED. PUMPS IN LINE: 16 LOST: 1 STANDBY: 0
11:21	16:35	5.23	P	STG15	73	WOOWO	WOOWO.
16:35	17:35	1.00	N	STG15	18	OTHR	HAD ISSUES WITH THE RIG LOCK SYSTEM
17:35	18:53	1.30	P	STG15	21	PERF	WL STAGE # 15. RIH W/ HALLIBURTON 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 6,074'. PUMP DOWN TO SET CFP @ 11,747'. PU & PERF ON THE FLY AT 11,569' - 11,735'. PUMPED 275 BBLS. POOH ALL SHOTS FIRED
18:53	19:11	0.30	P	STG15	73	WOOWO	WOOWO.
19:11	21:04	1.88	P	STG15	35	STIM	FRAC STAGE # 15: SICP: 2,137. PUMP 31 BBLS 15% HCL, FRW PAD 299,341 LBS 100 MESH @ .50 - 2.00 PPG; FRW FLUSH, 192 BBLS VISCOSIFIED 15% HCL 100,649 LBS 40/70 @ 1.00 - 2.00 PPG FRW FLUSH + 15 BBLS. ISIP: 3,087 PSI. FG: 0.89 PSI/FT. ATP: 5,716 PSI. ATR: 84.4 BPM. MTP: 7,080 PSI. MTR: 94.7 BPM. LTR: 8,406 BBLS CLEAN, 2,565 BBL PRODUCED. PUMPS IN LINE: 17 LOST: 0 STANDBY: 0
21:04	22:24	1.33	P	STG16	73	WOOWO	WOOWO.
22:24	22:39	0.25	P	STG16	24	PULD	PU PLUG & GUN ASSY (AS PER PROD).
22:39	00:01	1.37	P	STG16	21	PERF	WL STAGE # 16. PT 8,500 PSI. RIH W/ HALLIBURTON 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 6,074'. PUMP DOWN TO SET CFP @ 11,555'. PU & PERF ON THE FLY AT 11,371' - 11,537'. PUMPED 288 BBLS. POOH ALL SHOTS FIRED
00:01	01:10	1.15	P	STG16	73	WOOWO	WOOWO.
01:10	02:33	1.38	N	STG16	09	EQRP	TIGHTEN PACKING NUTS AND ADAPTOR BOLTS
02:33	04:26	1.88	P	STG16	35	STIM	FRAC STAGE # 16: SICP: 2,190. PUMP 31 BBLS 15% HCL, FRW PAD 299,319 LBS 100 MESH @ .50 - 2.00 PPG; FRW FLUSH, 188 BBLS VISCOSIFIED 15% HCL 100,671 LBS 40/70 @ 1.00 - 2.00 PPG FRW FLUSH + 15 BBLS. ISIP: 2,876 PSI. FG: 0.86 PSI/FT. ATP: 5,843 PSI. ATR: 84.7 BPM. MTP: 7,431 PSI. MTR: 94.1 BPM. LTR: 8,447 BBLS CLEAN, 3,274 BBL PRODUCED. PUMPS IN LINE: 17 LOST: 1 STANDBY: 0
04:26	04:30	0.07	P	STG17	24	PULD	PU PLUG & GUN ASSY (AS PER PROD).
04:30	06:00	1.50	P	STG17	21	PERF	WL STAGE # 17. PT 8,500 PSI. RIH W/ HALLIBURTON 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 6,074'. PUMP DOWN TO SET CFP @ 11,355'. PU & PERF ON THE FLY AT 11,173' - 11,339'. PUMPED 278 BBLS. POOH ALL SHOTS FIRED

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	933.02 / 933.02		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