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Well Name/Wellbore No.: UNIVERSITY STONEGATE 3819HH/00

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

Report Number: 021  
Report Date: 08/15/2017  
Spud Date: 04/26/2017  
Release Date:  
DOE: 61 DOL: 22 AFE Days: 6.00  
Last BOP T.: CSG Test:

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 24 READY TO FRAC.  
24 Hr Summary: FRAC STG'S 22 & 23. W/L STG'S 22, 23 & 24.  
24 Hr Forecast: CONTINUE 24 HR FRAC OPS.

## OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	07:10	1.17	P	STG22	21	PERF	W/L STAGE 22. 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 @ 10363'. PU & PERF ON THE FLY AT 10183' - 10,349'. PUMPED 207 BBLS. ALL SHOTS FIRED. POOH.
07:10	14:25	7.25	P	STG22	73	WOOWO	WOOWO.
14:25	14:48	0.38	P	STG22	18	OTHR	SWAPPING WELLS.
14:48	16:45	1.95	P	STG22	35	STIM	FRAC STAGE 22: SICP: 2,033. PUMP 31 BBLS 15% HCL, FRW PAD 299,349 LBS 100 MESH @ .50 - 2.00 PPG; FRW FLUSH, 191 BBLS VISCOSIFIED 15% HCL 100,654 LBS 40/70 @ 1.00 - 2.00 PPG FRW FLUSH + 15 BBLS. ISIP: 2,990 PSI. FG: 0.87 PSI/FT. ATP: 6,178 PSI. ATR: 80.9 BPM. MTP: 7,102 PSI. MTR: 94.6 BPM. LTR: 8,475 BBLS CLEAN, 3,047 BBL PRODUCED. PUMPS IN LINE: 16 LOST: 0 STANDBY: 0
16:45	18:09	1.40	P	STG23	21	PERF	W/L STAGE 23. 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 @ 10,165'. PU & PERF ON THE FLY AT 9,985' - 10,151'. PUMPED 191 BBLS. ALL SHOTS FIRED. POOH.
18:09	22:43	4.57	P	STG23	73	WOOWO	WOOWO.
22:43	00:37	1.90	P	STG23	35	STIM	FRAC STAGE 23: SICP: 2,150. PUMP 31 BBLS 15% HCL, FRW PAD 299,336 LBS 100 MESH @ .50 - 2.00 PPG; FRW FLUSH, 191 BBLS VISCOSIFIED 15% HCL 100,648 LBS 40/70 @ 1.00 - 2.00 PPG FRW FLUSH + 15 BBLS. ISIP: 2,946 PSI. FG: 0.87 PSI/FT. ATP: 6,116 PSI. ATR: 83.1 BPM. MTP: 7,436 PSI. MTR: 96.6 BPM. LTR: 8,493 BBLS CLEAN, 2,857 BBL PRODUCED. PUMPS IN LINE: 16 LOST: 0 STANDBY: 0
00:37	00:41	0.07	P	STG24	24	PULD	PU PLUG & GUN ASSY (AS PER PROD).
00:41	01:52	1.18	P	STG24	21	PERF	W/L STAGE 24. 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 @ 9,967'. PU & PERF ON THE FLY AT 9,787' - 9,952'. PUMPED 204 BBLS. ALL SHOTS FIRED. POOH.
01:52	06:00	4.13	P	STG24	73	WOOWO	WOOWO.

## Daily Operations Comments:

Casing			Fluids	Completion String Details				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
14.000	70.00 / 70.00		Fluids Eng:	Qty	Description	ID	OD	Top Set
9.625	933.02 / 933.02		Pit Temp:					
			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