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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: 023  
Report Date: 08/17/2017  
Spud Date: 04/26/2017  
Release Date:  
DOE: 63 DOL: 24 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  
24 Hr Summary: FRAC STG # 26, 27, 28  
W/L STG # 27, 28, 29  
24 Hr Forecast: CONT 24 HR FRAC OPS.

## OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:09	0.15	N	STG26	18	OTHR	FINISHING WORKING ON PUMPS.
06:09	08:01	1.87	P	STG26	35	STIM	FRAC STAGE 26: SICP: 2,075. PUMP 31 BBLS 15% HCL, FRW PAD 299,332 LBS 100 MESH @ .50 - 2.00 PPG; FRW FLUSH, 187 BBLS VISCOSIFIED 15% HCL. 100,669 LBS 40/70 @ 1.00 - 2.00 PPG. FRW FLUSH + 15 BBLS. ISIP: 3,042 PSI. FG: 0.88 PSI/FT. ATP: 5,735 PSI. ATR: 94.8 BPM. MTP: 7,356 PSI. MTR: 94.8 BPM. LTR: 8,318 BBLS CLEAN WATER. 2,710 BBLS PRODUCED WATER. PUMPS IN LINE: 16 LOST: 1 STANDBY: 0.
08:01	09:17	1.27	P	STG27	21	PERF	W/L STAGE 27. 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 @ 9373'. PU & PERF ON THE FLY AT 9193' - 9359'. PUMPED 160 BBLS. ALL SHOTS FIRED. POOH.
09:17	15:51	6.57	P	STG27	73	WOOWO	WOOWO.
15:51	16:45	0.90	N	STG27	18	OTHR	HAD A LEAKING ON THE SUCTION PUMP ON THE DIRTY BLENDER AND ALSO SWAPPING OUT SOME PACKING ON THE PUMPS.
16:45	18:36	1.85	P	STG27	35	STIM	FRAC STAGE 27: SICP: 2,070. PUMP 31 BBLS 15% HCL. FRW PAD 299,343 LBS 100 MESH @ .50 - 2.00 PPG. FRW FLUSH. 188 BBLS VISCOSIFIED 15% HCL. 100,679 LBS 40/70 @ 1.00 - 2.00 PPG. FRW FLUSH + 15 BBLS. ISIP: 3,261 PSI. FG: 0.91 PSI/FT. ATP: 5,412 PSI. ATR: 83.0 BPM. MTP: 6,955 PSI. MTR: 94.0 BPM. LTR: 8,261 BBLS CLEAN WATER. 2,634 BBLS PRODUCED WATER. PUMPS IN LINE: 15 LOST: 0 STANDBY: 0.
18:36	18:49	0.22	P	STG28	24	PULD	PU PLUG & GUN ASSY (AS PER PROD).
18:49	19:45	0.93	P	STG28	21	PERF	W/L STAGE 28. 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 @ 9,175'. PU & PERF ON THE FLY AT 8,995' - 9,159'. PUMPED 141 BBLS. ALL SHOTS FIRED. POOH.
19:45	01:30	5.75	P	STG28	73	WOOWO	WOOWO.
01:30	03:19	1.82	P	STG28	35	STIM	FRAC STAGE 28: SICP: 2,229. PUMP 31 BBLS 15% HCL. FRW PAD 299,334 LBS 100 MESH @ .50 - 2.00 PPG. FRW FLUSH. 190 BBLS VISCOSIFIED 15% HCL. 100,670 LBS 40/70 @ 1.00 - 2.00 PPG. FRW FLUSH + 15 BBLS. ISIP: 3,162 PSI. FG: 0.90 PSI/FT. ATP: 5,520 PSI. ATR: 83.0 BPM. MTP: 7,163 PSI. MTR: 95.0 BPM. LTR: 8,124 BBLS CLEAN WATER. 2,728 BBLS PRODUCED WATER. PUMPS IN LINE: 17 LOST: 0 STANDBY: 0.
03:19	04:30	1.18	P	STG29	73	WOOWO	WOOWO.
04:30	04:38	0.13	P	STG29	24	PULD	PU PLUG & GUN ASSY (AS PER PROD).
04:38	05:35	0.95	P	STG29	21	PERF	W/L STAGE 29. 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 @ 8,977'. PU & PERF ON THE FLY AT 8,800' - 8,963'. PUMPED 138 BBLS. ALL SHOTS FIRED. POOH.
05:35	06:00	0.42	P	STG29	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:		
	/		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