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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: 020  
Report Date: 08/14/2017  
Spud Date: 04/26/2017  
Release Date:  
DOE: 60 DOL: 21 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: W/L STG 22.  
24 Hr Summary: FRAC STG'S 20 & 21. W/L STG 21.  
24 Hr Forecast: CONT 24 HR FRAC OPS.

## OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	07:39	1.65	P	STG20	18	OTHR	STILL WORKING ON BLENDER
07:39	09:04	1.42	P	STG20	35	STIM	FRAC STAGE # 20: SICP: 2013. PUMP 33 BBLS 15% HCL, FRW PAD 299,342 LBS 100 MESH @ .50 - 2.00 PPG; FRW FLUSH, 191 BBLS VISCOSIFIED 15% HCL 100,659 LBS 40/70 @ 1.00 - 2.00 PPG FRW FLUSH + 15 BBLS. ISIP: 3,127 PSI. FG: 0.89 PSI/FT. ATP: 6031 PSI. ATR: 78.9 BPM. MTP: 7,008 PSI. MTR: 93.9 BPM. LTR: 8916 BBLS CLEAN, 3015 BBL PRODUCED. PUMPS IN LINE: 16 LOST: 0 STANDBY: 0
09:04	10:39	1.58	P	STG21	21	PERF	W/L STAGE 21. 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 @ 10,561'. PU & PERF ON THE FLY AT 10,546' - 10,384'. PUMPED 207 BBLS. POOH ALL SHOTS FIRED
10:39	17:30	6.85	P	STG21	73	WOOWO	WOOWO
17:30	22:20	4.83	N	STG21	43	WOW	WOW
22:20	03:13	4.88	N	STG21	09	EQRP	HOOK UP EQUIPMENT AFTER STORM AND START TROUBLE SHOOTING COMMUNICATIONS ISSUES WITH BLENDER
03:13	05:50	2.62	P	STG21	35	STIM	FRAC STAGE # 21: SICP: 1,954. PUMP 31 BBLS 15% HCL, FRW PAD 299,326 LBS 100 MESH @ .50 - 2.00 PPG; FRW FLUSH, 187 BBLS VISCOSIFIED 15% HCL 100,650 LBS 40/70 @ 1.00 - 2.00 PPG FRW FLUSH + 15 BBLS. ISIP: 3,357 PSI. FG: 0.93 PSI/FT. ATP: 4,866 PSI. ATR: 69.1 BPM. MTP: 7,415 PSI. MTR: 95.1 BPM. LTR: 8,860 BBLS CLEAN, 3,299 BBL PRODUCED. PUMPS IN LINE: 15 LOST: 0 STANDBY: 0
05:50	06:00	0.17	P	STG22	21	PERF	W/L STAGE 22 IN PROGRESS.

## 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