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Well Name/Wellbore No.: UNIVERSITY SALT DRAW 3820OH/00

Country: USA  
State: TEXAS  
Field: SALT DRAW  
Supervisors: J. CATHEY / JW KRAMER / R. ONTIVEROS / T. C  
Engineer/Manager: DESHAZO, WILL / GRUBB, ALLEN

Report Number: 037

Report Date: 07/10/2017

Spud Date: 03/23/2017

Release Date:

DOL: 36

AFE Days:

Last BOP T.:

CSG Test:

Event: COMPLETION LAND

Safety Meeting Topic:

Location: Lat: 31° 2' 7.17682 N  
Long: 101° 5' 44.07415 W

API #: 4210542358

Rig:

Rig Phone:

KB(ft): 2,638.01

POB: 66

Manhours: 104.00

Current Activity: READY TO FRAC STAGE 35

24 Hr Summary: FRAC STAGE: 34

WL STAGE: 35

24 Hr Forecast: CONTINUE 24 HR FRAC OPERATIONS.

## OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	14:20	8.33	P	STG34	73	WOOWO	WOOWO
14:20	16:20	2.00	P	STG34	35	STIM	FRAC STAGE #34: SICP 1,765 PSI. PUMP 30 BBLS 15% HCL ACID; FRW PAD; 300,000 LBS 100 MESH STEPPED .5 - 2.0 PPA; FRW FLUSH; 190 BBLS VISCOSIFIED 15% HCL ACID; FRW SWEEP; 100,000 LBS 40/70 SAND STEPPED 1.0 - 2.0 PPA; FLUSH W/ FRW. ISIP 3,074 PSI. FG 0.895 PSI/FT. ATR 90.7 BPM. ATP 5,430 PSI. MTR 91.5 BPM. MTP 6,984 PSI. LTR 8,061 BBLS. PUMPED 3,868 BBLS ( 48%) RECYCLED WTR. PUMPS: START 15, END 15, STANDBY 1
16:20	17:05	0.75	N	STG35	42	WOEP	WAIT ON WIRELINE GUNS TO SHOW UP ON LOCATION.
17:05	17:49	0.73	P	STG35	18	OTHR	GUNS ARRIVED UNLOADING MU GT READY TO RIH. HELD SAFETY MEETING WITH NIGHT TOWER
17:49	19:05	1.27	P	STG35	21	PERF	WL STAGE # 35. SICP 2,056 PSI. RIH W/ HES OBSIDIAN CFP + 8 - 1' X 3.125" ADDRESSABLE SWITCH RF SAFE PERF GUNS, LOADED 6 SPF, 60 DEG PHASING, RDX CHARGES. .52" EHD. CORRELATE W/ MARKER JOINT AT 6,229'. PUMP DOWN AND SET CFP W/ BALL AT 8,575'. PERF 8,390'-8,559'. OVERALL, 48 HOLES. PUMPED 117 BBLS FRESH WTR. POOH
19:05	01:43	6.63	P	STG35	73	WOOWO	WAITING ON OTHER WELL OPERATIONS.
01:43	02:15	0.53	P	STG35	09	EQRP	TOURQUE ALL ZIPPER MANIFOLD.
02:15	06:00	3.75	N	STG35	09	EQRP	KEANE CONDUCTING PUMP MAINTENANCE. REPLACING VALVES AND SEATS ON 2 PUMPS AND REPLACING PACKING ON 1. HELD SAFETY MEETING WITH DAY SHIFT PERSONNEL

## 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	67.00 / 67.00		Fluids Eng:	Qty	Description	ID	OD	Top Set
9.625	1,045.00 / 1,045.00		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