



Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: M. ALLISON / W. TALLEY / G. ALLGOOD / D. NIC
Engineer/Manager: DESHAZO, WILL / GRUBB, ALLEN

Report Number: 028
Report Date: 07/21/2017
Spud Date: 04/20/2017
Release Date:
DOE: 57 DOL: 28 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' 48.18526 N
Long: 101° 4' 38.06345 W

API #: 4210542375
Rig:
Rig Phone:
KB(ft): 2,626.01
POB: 5 Manhours: 20.00

Current Activity:	POOH WITH WIRELINE ON STAGE 22
24 Hr Summary:	FRAC STAGE # 20,21 PERF. STAGE # 21,22
24 Hr Forecast:	CONTINUE FRAC OPERATIONS

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:21	0.35	P	STG20	73	WOOWO	WOOWO
06:21	07:45	1.40	N	STG20	18	OTHR	REPACK 2 PUMPS
07:45	16:32	8.78	N	STG20	18	OTHR	REPAIR BLENDER. DISCHARGE VALVE CLOSED, REPAIR SAME. WELD PIN HOLE ON DISCHARGE MANIFOLD.
16:32	17:07	0.58	P	STG20	35	STIM	STAGE 20 FRAC BEGAN. PUMP 15% HCL; FRW FLUSH; START 100 MESH SAND. BLENDER OVERHEATED AND DISCHARGE PUM FAILED. UNABLE TO FLUSH WELL.
17:07	17:31	0.40	N	STG20	59	EQFAIL	KEANE BLENDER DOWN. RU WATER LINE TO CASCADE OVER RADIATOR AND COOL ENGINE.
17:31	18:30	0.98	P	STG20	35	STIM	RESUME FRAC OPERATIONS. CONTINUE PUMPING 100 MESH WORKINS CONCENTRATION TO 2.0 PPA AS DESIGNED. BLENDER OVERHEATED AGAIN AND SHUT DOWN. UNABLE TO FLUSH WELL.
18:30	18:40	0.17	N	STG20	09	EQRP	REARRANGE COOLING WATER LINES.
18:40	19:53	1.22	P	STG20	35	STIM	RESUME AND COMPLETE STAGE # 20 FRAC OPERATION: SICP: 1,222. PUMPED 20 BBLS 15% HCL; FRW PAD 299,540 LBS 100 MESH @ .50 - 2.00 PPG; FRW FLUSH, 189 BBLS VISCOSIFIED 15% HCL; 100,440 LBS 40/70 @ 1.00 - 2.00 PPG FRW FLUSH + 15 BBLS. ISIP: 3,222 PSI. FG: 0.904 PSI/FT. ATP: 6,187 PSI. ATR: 88.88 BPM. MTP: 6,861 PSI. MTR: 93.5 BPM. LTR: 10,091 BBLS. PUMPED 5,327 BBLS (54%) RECYLCED WTR . PUMPS IN LINE: 15; LOST: 2; STANDBY: 1
19:53	19:53	0.00	P	STG21	21	PERF	WL STAGE # 21 SICP 2,300 PSI. RIH W/ 5.5 OBSIDIAN BALL IN PLACE CFP & 8 - 1' x 3 1/8" HSC BALL IN PLACE LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 6,064 '. PUMP DOWN AND SET CFP @ 13,426.5'. PU & PERF ON THE FLY AT 13,420'-13,269.5'. PUMPED 371 BBLS. ALL SHOTS FIRED. POOH
19:53	01:44	5.85	P	STG21	73	WOOWO	WOOWO
01:44	03:39	1.92	P	STG21	35	STIM	FRAC STAGE #21: SICP 1,655. PUMPED 30 BBLS 15% HCL; FRW PAD 300,000 LBS 100 MESH @ .50 - 2.00 PPG; FRW FLUSH, 190 BBLS VISCOSIFIED 15% HCL; 100,000 LBS 40/70 @ 1.00 - 2.00 PPG FRW FLUSH + 15 BBLS. ISIP: 3,065 PSI. FG: 0.881 PSI/FT. ATP: 6,001 PSI. ATR: 89.6 BPM. MTP: 7,436 PSI. MTR: 90.7 BPM. LTR: 8,159 BBLS. PUMPED 4,048 BBLS (51%) RECYLCED WTR . PUMPS IN LINE: 15; LOST: 1; STANDBY: 1.
03:39	06:00	2.35	P	STG22	21	PERF	WL STAGE # 22 SICP 2,200 PSI. RIH W/ 5.5 OBSIDIAN BALL IN PLACE CFP & 8 - 1' x 3 1/8" HSC BALL IN PLACE LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 6,064 '. PUMP DOWN AND SET CFP @ 13,225'. PU & PERF ON THE FLY AT 13,220'-13,068'. PUMPED 347 BBLS. ALL SHOTS FIRED. POOH AT REPORT TIME

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	915.00 / 915.00		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