

SABLE PERMIAN RESOURCES, LLC
Daily Completion Partner Report

Report Date 10/15/2017
AFE # 1550466
Total AFE 4,547,178

UNIVERSITY 11 RE 932HA
WELL NO. 156

API 42383398290000	State TEXAS	County REAGAN	Well Config HORIZONTAL	Ground Elevation (ft) 2,666.00	RKB (ft) 21.00	Well Status COMPLETION	Well Sub-Status COMPLETING	Completion Date
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Job Information										
Job Category COMPLETION			Primary Job Type COMPLETION - ORIGINAL			Secondary Job Type			Start Date 9/18/2017	End Date
AFE Number 1550466			Supplemental AFE Number			Daily Field Est (Cost) 166,302			Cum Field Est (Cost) 2,281,429	
Number of Stages (ft) 46			Lateral Length (ft) 9,965			Time Since LTI (days)			Time Since Reportable Incident (days)	

Daily Contacts								
Contacts COMP SUPT, BEN MCCORMICK, ; COMP ENG, CORLEY WALTERS, ; COMP SUPT, DALE BLOCKER, ; CSV, JERRY GOSA, ; CSV, BO WELLS,								

Daily Operations								
Operations Summary 0 EHS; 10 hrs NPT; Frac stage 25 -26 of 47. Plug & Perforate stage 26 of 47. Pumped guns off @ 8,106'. While POOH w/ WL, wire got stuck in grease tubes with 844' of wire still below wellhead. Diagnosing issue at report time.								
Planned Operations Frac Ops								

Time Log									
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Activity	Inactive?	Comments	Unschd Type	NPT	
06:00	07:15	1.25	1.25	FRAC. JOB	No	Frac Stage 25		No	
07:15	07:30	0.25	1.50	GENERAL OPERATIONS	No	Swap frac to WL		No	
07:30	09:00	1.50	3.00	PERFORATING	No	P/P Stage 26		No	
09:00	14:45	5.75	8.75	STANDBY	No	SimOps. Waiting on Adjacent well ops.		No	
14:45	15:45	1.00	9.75	GENERAL OPERATIONS	No	Swap to Frac		No	
15:45	16:30	0.75	10.50	DOWNTIME	No	Frac Pump Maintenance		Yes	
16:30	17:30	1.00	11.50	FRAC. JOB	No	Frac Stage 26		No	
17:30	20:00	2.50	14.00	PERFORATING	No	P/P Stage 27 - WL Stuck in hole -incomplete run		No	
20:00	22:30	2.50	16.50	DOWNTIME	No	While RIH on P/P Stage 27, Pumpdown lost 1 Pumpdown pump. Started POOH to vertical to diagnose issue. Gunstring got hung up at 8,106' while POOH.		Yes	
22:30	00:30	2.00	18.50	DOWNTIME	No	Worked to Free toolstring (7) guns and 4.37" od frac plug @ 8,106. Pulled up to 2,250 lbs line tension. Surged Well through flowback. Pumped down @ 12 bpm. no movement. Surged well through flowback. Pumped down @ 12 bpm. Got movement on CCL. Dropped to 7 bpm. Pumped guns off @ 7 BPM. Fish should be at 8,106' (+-). While pulling WL OOH. Wire got hung in grease tubes w/ 844' of wire left in hole.		Yes	
00:30	06:00	5.50	24.00	DOWNTIME	No	Waiting on T-Clamps to arrive to SI WL Rams, Bleed off well and Remove Lub to diagnose issue		Yes	

NPT								
Type	Subtype	Des	Start Date	End Date	Failed Item	Accountable Party	Dur (Net) (hr)	
MATERIALS	PROPPANT	Waiting on sand to offload.	10/14/2017 04:15	10/14/2017 06:00		HALLIBURTON	1.75	
SURFACE EQUIPMENT	FRAC	Repairing 3 Pumps	10/14/2017 15:45	10/14/2017 16:30		HALLIBURTON	0.75	
SURFACE EQUIPMENT	WIRELINE	Stuck Downhole pumped off tool. WL Stuck in grease tubing.	10/14/2017 20:00	10/15/2017 06:00		PRO OIL AND GAS SERVICES LLC	10.00	

Safety Checks								
Time	Type	Inspected By	Description					
06:00	SAFETY MEETING	Chris Cobb/Slade Sears	PJSM PPE for acid and silica hazzard					
18:00	SAFETY MEETING	Tim Milam/ Jerry Gosa	PJSM Trip Hazzards and Speed Limit on lease					

Plug Details								
Des	Top (ftKB)	Btm (ftKB)	OD (in)	ID (in)	Run Date	Pull Date	Com	
FRAC PLUG	12,384.0	12,386.0	4.37		10/14/2017		Frac Plug #25	

Perforation Intervals								
Time	Linked Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Gun Size (in)	Com		
08:09		12,190.0	12,374.0	5.0	3 1/2	Stg 26		

Stimulations Summary								
Type	Stim/Treat Company	Start Date	End Date	Volume Clean Total (bbl)	Proppant Total (lb)			
SAND FRAC	HALLIBURTON ENERGY SERVICES	10/4/2017		120,340.70	9,465,198.0			

Stimulation Details								
STAGE 25 - SAND on 10/14/2017								
Start Date 10/14/2017	Type SAND	Zone	Wellbore ORIGINAL HOLE	Stim/Treat Company HALLIBURTON ENERGY SERVICES	Comment Stage #25. Pumped 100% of Proppant. Max Prop Con - 3.70 ppg. Stage pumped per design.			
Top Depth (ftKB) 12,403.0	Bottom Depth (ftKB) 12,587.0	Proppant Designed (lb) 366,056	Proppant Placed (lb) 367,594	Volume Clean Total (bbl) 4,484.00	Volume Slurry Total (bbl) 4,883.00			
P Pre SI (psi) 2,103.0	ISIP (psi) 3,718.0	5 min SI (psi) 3066	Breakdown Pressure (psi)	Breakdown Rate (bbl/min)	Treat Pressure Max (psi) 6,603.0	Treat Pressure Avg (psi) 5,685.0	Frac Gradient (psi/ft) 0.94	
Slurry Rate Min (bbl/min) 77	Slurry Rate Avg (bbl/min) 88		Slurry Rate Max (bbl/min) 91		Pump Power Avg (hp) 12,290.0			
Type	Des	Sand Size	Design Amount (lb)	Amount (lb)		Note		
SAND	100 MESH WHITE	100 MESH		236,506.0				
SAND	40/70 WHITE	40/70		13,108.0				
Add Type	Add Subtype	Add	Purpose	Design Amount	Amount	Units	Com	
ACID		HCL 15%			1,000.0	gal		
ACID INHIBITOR/RETARDER					4.0	gal		
IRON CONTROL					4.0	gal		
BIOCIDE		MC B-8614			90.0	GAL		
BREAKING AGENT		POLYBREAK 52			127.0	lb		
CLAY CONTROL		CLA-WEB II			47.0	GAL		
FRICITION REDUCER		HIFLOW 5			222.0	gal		
SURFACTANT		FDP-S1226-15			189.0	GAL		

STAGE 26 - SAND on 10/14/2017								
Start Date 10/14/2017	Type SAND	Zone	Wellbore ORIGINAL HOLE	Stim/Treat Company HALLIBURTON ENERGY SERVICES	Comment Stage #26. Pumped 100% of Proppant. Max Prop Con - 3.60 ppg. Stage pumped per design.			
Top Depth (ftKB) 12,190.0	Bottom Depth (ftKB) 12,374.0	Proppant Designed (lb) 366,056	Proppant Placed (lb) 366,680	Volume Clean Total (bbl) 4,009.20	Volume Slurry Total (bbl) 4,885.80			
P Pre SI (psi) 2,017.0	ISIP (psi) 4,274.0	5 min SI (psi) 3308	Breakdown Pressure (psi)	Breakdown Rate (bbl/min)	Treat Pressure Max (psi) 7,320.0	Treat Pressure Avg (psi) 6,354.0	Frac Gradient (psi/ft) 1.02	
Slurry Rate Min (bbl/min) 71	Slurry Rate Avg (bbl/min) 89		Slurry Rate Max (bbl/min) 91		Pump Power Avg (hp) 12,290.0			
Type	Des	Sand Size	Design Amount (lb)	Amount (lb)		Note		
SAND	100 MESH WHITE	100 MESH		241,531.0				
SAND	40/70 WHITE	40/70		125,149.0				
Add Type	Add Subtype	Add	Purpose	Design Amount	Amount	Units	Com	
ACID		HCL 15%			1,000.0	gal		
ACID INHIBITOR/RETARDER					4.0	gal		
IRON CONTROL					4.0	gal		
BIOCIDE		MC B-8614			91.0	GAL		
BREAKING AGENT		POLYBREAK 52			126.0	lb		
CLAY CONTROL		CLA-WEB II			47.0	GAL		
FRICITION REDUCER		HIFLOW 5			221.0	gal		
SURFACTANT		FDP-S1226-15			189.0	GAL		