

SABLE PERMIAN RESOURCES, LLC
Daily Completion Partner Report

Report Date 10/5/2017
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	
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) 106,062		Cum Field Est (Cost) 283,043			
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, MICAH FALGOUT, ; CSV, JUSTIN SMITH,									
Daily Operations									
Operations Summary 0 EHS; 12.5 hrs NPT; Frac stages 1 of 46. Plug & Perf stages 2 of 46. RIH w/WL on 936 HS and preparing to frac on 931 HS at time of report									
Planned Operations Frac Ops									
Time Log									
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Activity	Inactive?	Comments		Unschd Type	NPT
06:00	08:15	2.25	2.25	DOWNTIME	No	Found leak on wellhead flange between goathead and crown valve on univ 11 #931HS and (2) hyd stem packing leaking on 932 HA. Waiting for torque and packing to arrive			Yes
08:15	11:15	3.00	5.25	DOWNTIME	No	Retorque flange and replace stem packing. Retested. 5-1/8" flange below crown valve leaking. nd crown valve. replace ring gasket. Re-test iron to 9,500 psi. Good test.			Yes
11:15	12:15	1.00	6.25	FRAC. JOB	No	SimOps. Waiting on offset Well operations			No
12:15	13:45	1.50	7.75	DOWNTIME	No	Downtime waiting on HES to change out check valves & transducers and re-test iron.			Yes
13:45	16:00	2.25	10.00	STANDBY	No	SimOps. Waiting on offset well operations			No
16:00	18:45	2.75	12.75	DOWNTIME	No	Water transfer Pump down. Waiting to repair.			Yes
18:45	21:15	2.50	15.25	STANDBY	No	SimOps. Waiting on adjacent Well operations			No
21:15	00:15	3.00	18.25	DOWNTIME	No	Three frac pumps on line needed to be repaired.			Yes
00:15	02:00	1.75	20.00	FRAC. JOB	No	Frac stage 1			No
02:00	02:30	0.50	20.50	GENERAL OPERATIONS	No	Swap from Frac toWL			No
02:30	04:30	2.00	22.50	PERFORATING	No	Plug and perf stage 2			No
04:30	05:00	0.50	23.00	GENERAL OPERATIONS	No	Swap from WL to Frac			No
05:00	05:30	0.50	23.50	GENERAL OPERATIONS	No	Grease zipper manifold and rehead WL.			No
05:30	06:00	0.50	24.00	STANDBY	No	Standby for SIM ops, Frac operations on adjacent wells			No
NPT									
Type	Subtype	Des		Start Date	End Date	Failed Item		Accountable Party	Dur (Net) (hr)
SURFACE EQUIPMENT	WELLHEAD	Wait on Torque Wrenches		10/4/2017 06:00	10/4/2017 08:15			COMPLETION EQUIPMENT RENTAL INC	2.25
SURFACE EQUIPMENT	WELLHEAD	Re-torque flange, re-test. another flange leaking. nd crown, Replace ring gasket and re-test.		10/4/2017 08:15	10/4/2017 11:15			COMPLETION EQUIPMENT RENTAL INC	3.00
SURFACE EQUIPMENT	FRAC	Waiting on HES to change out Check valves and Transducers		10/4/2017 12:15	10/4/2017 13:30			HALLIBURTON	1.25
SURFACE EQUIPMENT	FRAC	Three frac pumps on line needed repairs		10/4/2017 21:15	10/5/2017 00:15			HALLIBURTON	3.00
		Swab out water transfer pump		10/4/2017 16:00	10/4/2017 18:45			TERRA OILFIELD SOLUTIONS	2.75
Safety Checks									
Time		Type		Inspected By		Description			
06:00		SAFETY MEETING		Bull Smith/Slade Sears		Good communication, House Keeping, PPE			
18:00		SAFETY MEETING		Micah/Jerry		Good communication, House Keeping, PPE			
Plug Details									
Des		Top (ftKB)	Btm (ftKB)	OD (in)	ID (in)	Run Date	Pull Date	Com	
FRAC PLUG		17,501.0	17,503.0	4.37		10/5/2017		Plug 1	
Perforation Intervals									
Time	Linked Zone		Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)		Gun Size (in)	Com	
03:30			17,302.0	17,486.0	5.0		3 1/2		
Stimulations Summary									
Type SAND FRAC	Stim/Treat Company HALLIBURTON ENERGY SERVICES			Start Date 10/4/2017	End Date	Volume Clean Total (bbl) 5,572.50		Proppant Total (lb) 368,960.0	
Stimulation Details									
STAGE 1 - SAND on 10/5/2017									
Start Date 10/5/2017	Type SAND	Zone	Wellbore ORIGINAL HOLE	Stim/Treat Company HALLIBURTON ENERGY SERVICES		Comment Stage #1. Pumped 100% of Proppant. Max Prop Con - 3.6 ppg. Blender densometer gave false reading while on 3.5 ppg 40/70. Stage completed per design.			
Top Depth (ftKB) 17,518.0	Bottom Depth (ftKB) 17,641.0	Proppant Designed (lb) 366,155	Propanr Placed (lb) 368,960	Volume Clean Total (bbl) 5,572.50		Volume Slurry Total (bbl) 5,971.90			
P Pre SI (psi) 107.0	ISIP (psi) 2,931.0	5 min SI (psi) 2701	Breakdown Pressure (psi)	Breakdown Rate (bbl/min)	Treat Pressure Max (psi) 7,218.0	Treat Pressure Avg (psi) 6,935.0	Frac Gradient (psi/ft) 0.84		
Slurry Rate Min (bbl/min) 70		Slurry Rate Avg (bbl/min) 84		Slurry Rate Max (bbl/min) 86		Pump Power Avg (hp) 14,278.0			
Type	Des	Sand Size	Design Amount (lb)	Amount (lb)			Note		
SAND	100 MESH WHITE	100 MESH	309,875.0	308,920.0					
SAND	40/70 WHITE	40/70	56,280.0	60,040.0					
Add Type	Add Subtype	Add	Purpose	Design Amount	Amount	Units	Com		
ACID		HCL 15%			2,000.0	gal			
ACID INHIBITOR/RETARDER					8.0	gal			
IRON CONTROL					8.0	gal			
BIOCIDE		MC B-8614			86.0	GAL			
BREAKING AGENT		POLYBREAK 52			79.0	lb			
CLAY CONTROL		CLA-WEB II			54.0	GAL			
FRICTION REDUCER		HIFLOW 5			237.0	gal			
SURFACTANT		FDP-S1226-15			215.0	GAL			