

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
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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) 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	Stim/Treat Company	Start Date	End Date	Volume Clean Total (bbl)	Proppant Total (lb)	
SAND FRAC	HALLIBURTON ENERGY SERVICES	10/4/2017		5,572.50	368,960.0	

Stimulation Details							
STAGE 1 - SAND on 10/5/2017							
Start Date	Type	Zone	Wellbore	Stim/Treat Company	Comment		
10/5/2017	SAND		ORIGINAL HOLE	HALLIBURTON ENERGY SERVICES	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)	Bottom Depth (ftKB)	Proppant Designed (lb)	Proppant Placed (lb)	Volume Clean Total (bbl)	Volume Slurry Total (bbl)		
17,518.0	17,641.0	366,155	368,960	5,572.50	5,971.90		
P Pre SI (psi)	ISIP (psi)	5 min SI (psi)	Breakdown Pressure (psi)	Breakdown Rate (bbl/min)	Treat Pressure Max (psi)	Treat Pressure Avg (psi)	Frac Gradient (psi/ft)
107.0	2,931.0	2701			7,218.0	6,935.0	0.84
Slurry Rate Min (bbl/min)	Slurry Rate Avg (bbl/min)		Slurry Rate Max (bbl/min)		Pump Power Avg (hp)		
70	84		86		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	
FRICITION REDUCER		HIFLOW 5			237.0	gal	
SURFACTANT		FDP-S1226-15			215.0	GAL	