

SABLE PERMIAN RESOURCES, LLC  
Daily Completion Partner Report

Report Date 10/13/2017  
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) 156,459		Cum Field Est (Cost) 1,920,437									
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,															
Daily Operations															
Operations Summary 0 EHS; 9 hrs NPT; Frac stages 21 - 22 of 46. Plug & Perf stages 21 - 22 of 46.															
Planned Operations Frac Ops															
Time Log															
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Activity	Inactive?	Comments		Unschd Type	NPT						
06:00	06:30	0.50	0.50	PERFORATING	No	Finish Stg. 21 WL			No						
06:30	11:45	5.25	5.75	DOWNTIME	No	SD during 936 Stg. 21 frac due to computer issue with Blender (ACE) and TCC (IFS) prior to. Also Found leak on Suction boot on blender. RD blender. Wait on new blender from Odessa. RU new blender, bucket test and prime up pumps.		EQUIPMENT FAILURE	Yes						
11:45	14:15	2.50	8.25	DOWNTIME	No	RU new blender, bucket test and prime up pumps.		EQUIPMENT FAILURE	Yes						
14:15	15:30	1.25	9.50	DOWNTIME	No	Resume Stg. 21. Having blender issue with new blender. Pump 1 & #1.5 sand. Flushed well and SD to troubleshoot blender issue (De-rating issue). Found Rig Saver valve was 1/2" way closed		EQUIPMENT FAILURE	Yes						
15:30	19:00	3.50	13.00	STANDBY	No	SimOps. Waiting on adjacent well ops			No						
19:00	20:45	1.75	14.75	FRAC. JOB	No	Frac stage 21			No						
20:45	21:15	0.50	15.25	GENERAL OPERATIONS	No	Swop from Frac to WL			No						
21:15	22:15	1.00	16.25	PERFORATING	No	P/P stage 22			No						
22:15	03:30	5.25	21.50	GENERAL OPERATIONS	No	SimOps. Waiting on adjacent well ops			No						
03:30	04:45	1.25	22.75	FRAC. JOB	No	Frac stage 22			No						
04:45	05:15	0.50	23.25	GENERAL OPERATIONS	No	Swap from Frac to WL			No						
05:15	06:00	0.75	24.00	PERFORATING	No	Start P/P stage 23			No						
NPT															
Type		Subtype		Des		Start Date		End Date		Failed Item		Accountable Party		Dur (Net) (hr)	
SURFACE EQUIPMENT		FRAC		SD during 936 Stg. 21 frac due to computer issue with Blender (ACE) and TCC (IFS) prior to. Also Fo		10/12/2017 06:30		10/12/2017 11:45				HALLIBURTON		5.25	
SURFACE EQUIPMENT		FRAC		RU New Blender, bucket test and prime pumps		10/12/2017 11:45		10/12/2017 14:15				HALLIBURTON		2.50	
SURFACE EQUIPMENT		FRAC		Resume Stg. 21. Having blender derating issue. Rig saver valve 1/2 closed. Resumed frac		10/12/2017 14:15		10/12/2017 15:30				HALLIBURTON		1.25	
Safety Checks															
Time		Type				Inspected By				Description					
06:00		SAFETY MEETING				Chris Cobb/Slade Sears				PJSM Slips, Hydration and communication					
18:00		SAFETY MEETING				Tim Milam/ Jerry Gosa				PJSM Good handovers and walking valves					
Plug Details															
Des		Top (ftKB)		Btm (ftKB)		OD (in)		ID (in)		Run Date		Pull Date		Com	
FRAC PLUG		13,240.0		13,242.0		4.37				10/12/2017				Frac Plug #21	
FRAC PLUG		13,028.0		13,030.0		4.37				10/13/2017				Frac Plug #22	
Perforation Intervals															
Time	Linked Zone			Top (ftKB)		Btm (ftKB)		Shot Dens (shots/ft)		Gun Size (in)		Com			
05:48				12,829.0		13,013.0		5.0		3 1/2		Stg 23			
19:10				13,048.0		13,225.0		5.0		3 1/2		Stg 22			
Stimulations Summary															
Type SAND FRAC		Stim/Treat Company HALLIBURTON ENERGY SERVICES				Start Date 10/4/2017		End Date		Volume Clean Total (bbl) 102,087.50		Proppant Total (lb) 8,107,856.0			
Stimulation Details															
STAGE 21 - SAND on 10/12/2017															
Start Date 10/12/2017		Type SAND		Zone		Wellbore ORIGINAL HOLE		Stim/Treat Company HALLIBURTON ENERGY SERVICES		Comment Stage #21. Pumped 100% of Proppant. Max Prop Con - 4.00 ppg. Stage pumped per design.					
Top Depth (ftKB) 13,255.0		Bottom Depth (ftKB) 13,439.0		Proppant Designed (lb) 366,155		Propannt Placed (lb) 370,072		Volume Clean Total (bbl) 4,394.00		Volume Slurry Total (bbl) 4,797.00					
P Pre SI (psi) 1,722.0		ISIP (psi) 3,451.0		5 min SI (psi) 2992		Breakdown Pressure (psi)		Breakdown Rate (bbl/min) 7,177.0		Treat Pressure Max (psi) 7,177.0		Treat Pressure Avg (psi) 6,075.0		Frac Gradient (psi/ft) 0.91	
Slurry Rate Min (bbl/min) 77				Slurry Rate Avg (bbl/min) 85				Slurry Rate Max (bbl/min) 86				Pump Power Avg (hp) 12,656.0			
Type		Des		Sand Size		Design Amount (lb)		Amount (lb)				Note			
SAND				100 MESH				140,300.0				100 MESH BROWN			
SAND		40/70 WHITE		40/70				62,922.0							
SAND		100 MESH WHITE		100 MESH				166,850.0							
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						74.0		GAL			
BREAKING AGENT				POLYBREAK 52						114.0		lb			
CLAY CONTROL				CLA-WEB II						44.0		GAL			
FRICTION REDUCER				HIFLOW 5						205.0		gal			
SURFACTANT				FDP-S1226-15						185.0		GAL			
STAGE 22 - SAND on 10/13/2017															
Start Date 10/13/2017		Type SAND		Zone		Wellbore ORIGINAL HOLE		Stim/Treat Company HALLIBURTON ENERGY SERVICES		Comment Stage #22. Pumped 100% of Proppant. Max Prop Con - 3.80 ppg. Stage pumped per design.					
Top Depth (ftKB) 13,042.0		Bottom Depth (ftKB) 13,226.0		Proppant Designed (lb) 366,155		Propannt Placed (lb) 367,761		Volume Clean Total (bbl) 4,400.00		Volume Slurry Total (bbl) 4,799.00					
P Pre SI (psi) 1,443.0		ISIP (psi) 4,017.0		5 min SI (psi) 3038		Breakdown Pressure (psi)		Breakdown Rate (bbl/min) 6,625.0		Treat Pressure Max (psi) 6,625.0		Treat Pressure Avg (psi) 5,977.0		Frac Gradient (psi/ft) 0.98	
Slurry Rate Min (bbl/min) 61				Slurry Rate Avg (bbl/min) 87				Slurry Rate Max (bbl/min) 88				Pump Power Avg (hp) 12,745.0			
Type		Des		Sand Size		Design Amount (lb)		Amount (lb)				Note			
SAND		100 MESH WHITE		100 MESH				93,880.0							
SAND		40/70 WHITE		40/70				57,749.0							
SAND				100 MESH				216,132.0				100 MESH BROWN			
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						73.0		GAL			

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