

SABLE PERMIAN RESOURCES, LLC
Daily Completion Partner Report

Report Date 10/8/2017
AFE # 1550416
Total AFE 4,551,178

UNIVERSITY 11 RE 936HS
WELL NO. 154

API 42383398350000	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 1550416		Supplemental AFE Number		Daily Field Est (Cost) 237,486		Cum Field Est (Cost) 891,506					
Number of Stages (ft) 47		Lateral Length (ft) 9,943		Time Since LTI (days)		Time Since Reportable Incident (days)					
Daily Contacts											
Contacts COMP ENG, CORLEY WALTERS, ; COMP SUPT, BEN MCCORMICK, ; CSV, JERRY GOSA, ; COMP SUPT, DALE BLOCKER, ; CSV, MICAH FALGOUT, ; CSV, JUSTIN SMITH,											
Daily Operations											
Operations Summary 0 EHS; 4.25 hrs NPT; Frac stage 7 - 9 of 47. Plug & Perforate stage 8 - 10 of 47. Fracing Univ 932 HA 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	06:30	0.50	0.50	FRAC. JOB	No	Finish Frac Stg #7			No		
06:30	07:00	0.50	1.00	GENERAL OPERATIONS	No	Swap Frac to WL			No		
07:00	08:45	1.75	2.75	PERFORATING	No	Plug/Perf Stg #8			No		
08:45	11:45	3.00	5.75	STANDBY	No	Satndby for SIM ops, Fracing and WL ops on adjacent wells.			No		
11:45	12:30	0.75	6.50	GENERAL OPERATIONS	No	Swap to Frac. Grease 7-1/16" 10K Hydraulic Master Valve			No		
12:30	14:00	1.50	8.00	FRAC. JOB	No	Frac Stage #8			No		
14:00	15:00	1.00	9.00	PERFORATING	No	Rehead WL			No		
15:00	16:30	1.50	10.50	PERFORATING	No	Plug & Perforate Stage #9			No		
16:30	20:00	3.50	14.00	STANDBY	No	Satndby for SIM ops, Fracing and WL ops on adjacent wells.			No		
20:00	21:15	1.25	15.25	DOWNTIME	No	Waiting on sand to offload,			Yes		
21:15	21:45	0.50	15.75	FRAC. JOB	No	Started stage #9 frac and had to shut down after displacing acid due to blender suction transducer.			No		
21:45	22:30	0.75	16.50	DOWNTIME	No	Change out blender suction pump transducer			Yes		
22:30	23:00	0.50	17.00	FRAC. JOB	No	Resume Stage #9 frac and had to shut down during 2 ppg and flush well due to blown engine on blender			No		
23:00	01:15	2.25	19.25	DOWNTIME	No	Replace blender.			Yes		
01:15	02:15	1.00	20.25	FRAC. JOB	No	Finish Frac Stage #9			Yes		
02:15	02:45	0.50	20.75	GENERAL OPERATIONS	No	Swap from Frac to WL			No		
02:45	04:30	1.75	22.50	PERFORATING	No	Plug and Perf Stg #10			No		
04:30	06:00	1.50	24.00	STANDBY	No	Satndby for SIM ops, Fracing and WL ops on adjacent wells.			No		
NPT											
Type		Subtype		Des		Start Date		End Date	Failed Item	Accountable Party	Dur (Net) (hr)
MATERIALS		PROPPANT		Waiting for sand to offload		10/7/2017 20:00		10/7/2017 21:15		HALLIBURTON	1.25
SURFACE EQUIPMENT		BLENDER		Replace suction transducer on blender		10/7/2017 21:45		10/7/2017 22:30		HALLIBURTON	0.75
SURFACE EQUIPMENT		BLENDER		Replace blender		10/7/2017 23:00		10/8/2017 01:30		HALLIBURTON	2.50
Safety Checks											
Time		Type				Inspected By		Description			
06:00		SAFETY MEETING				Bull Smith/Slade Sears		PJSM Spotter & Hydration			
18:00		SAFETY MEETING				Micah Falgout/ Jerry Gosa		PJSM Spotter & Hydration			
Plug Details											
Des		Top (ftKB)	Btm (ftKB)	OD (in)	ID (in)	Run Date		Pull Date	Com		
FRAC PLUG		15,995.0	15,997.0	4.37		10/7/2017			FRAC PLUG #7		
FRAC PLUG		15,785.0	15,787.0	4.37		10/7/2017			FRAC PLUG #8		
FRAC PLUG		15,569.0	15,570.0	4.37		10/7/2017			FRAC PLUG #9		
Perforation Intervals											
Time	Linked Zone			Top (ftKB)		Btm (ftKB)		Shot Dens (shots/ft)		Gun Size (in)	Com
03:45				15,375.0		15,557.0		5.0		3 1/8	Stage 10
15:57				15,618.0		15,768.0		5.0		3 1/8	Stage 9
08:06				15,797.0		15,978.0		5.0		3 1/8	Stage 8
Stimulations Summary											
Type SAND FRAC		Stim/Treat Company HALLIBURTON ENERGY SERVICES			Start Date 10/4/2017		End Date		Volume Clean Total (bbl) 46,152.10		Proppant Total (lb) 3,279,326.0
Stimulation Details											
STAGE 8 - SAND on 10/7/2017											
Start Date 10/7/2017		Type SAND		Zone		Wellbore SIDETRACK 1		Stim/Treat Company HALLIBURTON ENERGY SERVICES		Comment Stage #8. Pumped 100% of Proppant. Max Prop Con - 3.79 ppg. Pumped stage by design.	
Top Depth (ftKB) 15,797.0		Bottom Depth (ftKB) 15,979.0		Proppant Designed (lb) 366,155		Propanr Placed (lb) 368,100		Volume Clean Total (bbl) 4,737.00		Volume Slurry Total (bbl) 5,136.60	
P Pre SI (psi) 1,805.0		ISIP (psi) 2,855.0		5 min SI (psi) 2426		Breakdown Pressure (psi)		Breakdown Rate (bbl/min) 7,784.0		Treat Pressure Max (psi) 7,784.0	
Slurry Rate Min (bbl/min) 76		Slurry Rate Avg (bbl/min) 89		Slurry Rate Max (bbl/min) 90		Pump Power Avg (hp) 13,293.0					
Type	Des		Sand Size		Design Amount (lb)		Amount (lb)		Note		
SAND	100 MESH WHITE		100 MESH				74,180.0				
SAND			100 MESH		309,875.0		235,008.0		100 MESH BROWN		
SAND	40/70 BROWN		40/70		56,280.0						
SAND	40/70 WHITE		40/70				58,912.0				
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					76.0	GAL		
BREAKING AGENT			POLYBREAK 52					91.0	lb		
CLAY CONTROL			CLA-WEB II					47.0	GAL		
FRICTION REDUCER			HIFLOW 5					232.0	gal		
SURFACTANT			FDP-S1226-15					190.0	GAL		
STAGE 9 - SAND on 10/7/2017											
Start Date 10/7/2017		Type SAND		Zone		Wellbore SIDETRACK 1		Stim/Treat Company HALLIBURTON ENERGY SERVICES		Comment Stage #9. Pumped 100% of Proppant. Max Prop Con - 4.1 ppg. Pumped stage by design. Shut down twice during stage due to blender issues, replaced blender.	
Top Depth (ftKB) 15,586.0		Bottom Depth (ftKB) 15,768.0		Proppant Designed (lb) 366,155		Propanr Placed (lb) 365,191		Volume Clean Total (bbl) 6,356.60		Volume Slurry Total (bbl) 6,752.60	
P Pre SI (psi) 1,800.0		ISIP (psi) 2,739.0		5 min SI (psi) 2387		Breakdown Pressure (psi)		Breakdown Rate (bbl/min) 7,429.0		Treat Pressure Max (psi) 7,429.0	
Slurry Rate Min (bbl/min) 81		Slurry Rate Avg (bbl/min) 87		Slurry Rate Max (bbl/min) 88		Pump Power Avg (hp) 13,027.0					
Type	Des		Sand Size		Design Amount (lb)		Amount (lb)		Note		
SAND	100 MESH WHITE		100 MESH				306,817.0				
SAND	40/70 BROWN		40/70		56,280.0						
SAND			100 MESH		309,875.0				100 MESH BROWN		
SAND	40/70 WHITE		40/70				58,374.0				

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Total AFE	4,551,178

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			78.0	GAL	
BREAKING AGENT		POLYBREAK 52			92.0	lb	
CLAY CONTROL		CLA-WEB II			48.0	GAL	
FRICTION REDUCER		HIFLOW 5			164.0	gal	
SURFACTANT		FDP-S1226-15			193.0	GAL	