

SABLE PERMIAN RESOURCES, LLC
Daily Completion Partner Report

Report Date 10/21/2017
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) 291,376			Cum Field Est (Cost) 3,030,334			
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, TIM MILAM, ; CSV, PHILLIP ROSSI, ; CSV, CHRIS COBB, ; CSV, MICAH FALGOUT, ; COMP ENG, LUCAS MOSS,										
Daily Operations										
Operations Summary 0 EHS; 0 hrs: P/P Stage 34 - 37 of 47, Frac Stage 33 - 36 of 47. RIH WL stage 37 at time of report										
Planned Operations RIH to plug and perf 37										
Time Log										
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Activity	Inactive?	Comments		Unschd Type	NPT	
06:00	06:15	0.25	0.25	FRAC. JOB	No	Frac stage 33			No	
06:15	07:00	0.75	1.00	STANDBY	No	Standby for SIM ops, Frac on WL ops on adjacent well			No	
07:00	07:15	0.25	1.25	GENERAL OPERATIONS	No	Swap to WL			No	
07:15	09:00	1.75	3.00	PERFORATING	No	P/P Stage 34			No	
09:00	11:45	2.75	5.75	STANDBY	No	Standby for SIM ops, Frac on WL ops on adjacent well			No	
11:45	12:00	0.25	6.00	GENERAL OPERATIONS	No	Swap to Frac			No	
12:00	13:15	1.25	7.25	FRAC. JOB	No	Frac Stage 34			No	
13:15	13:30	0.25	7.50	GENERAL OPERATIONS	No	Swap to WL			No	
13:30	14:30	1.00	8.50	PERFORATING	No	P/P Stage 35			No	
14:30	18:30	4.00	12.50	STANDBY	No	Standby for SIM ops, Frac on WL ops on adjacent well			No	
18:30	19:45	1.25	13.75	GENERAL OPERATIONS	No	Grease zipper manifold			No	
19:45	21:00	1.25	15.00	STANDBY	No	Standby for SIM ops, Frac on WL ops on adjacent well			No	
21:00	22:15	1.25	16.25	FRAC. JOB	No	Frac Stage 35			No	
22:15	23:00	0.75	17.00	STANDBY	No	Standby for SIM ops, Frac on WL ops on adjacent well			No	
23:00	00:00	1.00	18.00	PERFORATING	No	P/P Stage 36			No	
00:00	04:30	4.50	22.50	STANDBY	No	Standby for SIM ops, Valve issues on Zipper manifold			No	
04:30	05:30	1.00	23.50	FRAC. JOB	No	Frac Stage 36			No	
05:30	05:45	0.25	23.75	GENERAL OPERATIONS	No	Swap to WL			No	
05:45	06:00	0.25	24.00	PERFORATING	No	RIH to plug and perf stage 37			No	
Safety Checks										
Time		Type			Inspected By		Description			
06:00		SAFETY MEETING			Crew		Trip Hazards and Speed Limit on lease housekeeping			
18:00		SAFETY MEETING			Crew		Trip Hazards and Speed Limit on lease housekeeping			
Plug Details										
Des		Top (ftKB)	Btm (ftKB)	OD (in)	ID (in)	Run Date	Pull Date	Com		
FRAC PLUG		10,507.0	10,509.0	4.37		10/20/2017		FRAC PLUG #33		
FRAC PLUG		10,296.0	10,298.0	4.37		10/20/2017		FRAC PLUG #34		
FRAC PLUG		10,085.0	10,087.0	4.37		10/20/2017		FRAC PLUG #35		
Perforation Intervals										
Time	Linked Zone		Top (ftKB)		Btm (ftKB)		Shot Dens (shots/ft)		Gun Size (in)	Com
22:50			9,889.0		10,070.0		5.0		3 1/8	Stage 36
14:00			10,100.0		10,282.0		5.0		3 1/8	Stage 35
08:00			10,311.0		10,493.0		5.0		3 1/8	Stage 34
Stimulations Summary										
Type SAND FRAC		Stim/Treat Company HALLIBURTON ENERGY SERVICES			Start Date 10/4/2017		End Date		Volume Clean Total (bbl) 168,255.30	Proppant Total (lb) 13,204,649.0
Stimulation Details										
STAGE 34 - SAND on 10/20/2017										
Start Date 10/20/2017	Type SAND	Zone		Wellbore SIDETRACK 1		Stim/Treat Company HALLIBURTON ENERGY SERVICES		Comment Stage #34. Pumped 100% of Proppant. Max Prop Con - 3.9 ppg. Pumped as per design.		
Top Depth (ftKB) 10,311.0	Bottom Depth (ftKB) 10,493.0	Proppant Designed (lb) 366,155		Propanr Placed (lb) 369,285		Volume Clean Total (bbl) 4,401.90		Volume Slurry Total (bbl) 4,802.50		
P Pre SI (psi) 1,526.0	ISIP (psi) 2,302.0	5 min SI (psi) 1872		Breakdown Pressure (psi)		Breakdown Rate (bbl/min) 7,598.0	Treat Pressure Max (psi) 7,598.0	Treat Pressure Avg (psi) 5,445.0	Frac Gradient (psi/ft) 0.75	
Slurry Rate Min (bbl/min) 84		Slurry Rate Avg (bbl/min) 90			Slurry Rate Max (bbl/min) 90			Pump Power Avg (hp) 12,012.0		
Type	Des	Sand Size		Design Amount (lb)		Amount (lb)		Note		
						0.0		100 Mesh Brown		
SAND	100 MESH WHITE	100 MESH				135,980.0				
SAND	40/70 WHITE	40/70				59,671.0				
Add Type	Add Subtype	Add		Purpose		Design Amount	Amount	Units	Com	
ACID INHIBITOR/RETARDER						4.0	4.0			
SURFACTANT						2.0	2.0			
BIOCIDE		MC B-8614					74.0	GAL		
BREAKING AGENT		POLYBREAK 52					95.0	gal		
CLAY CONTROL		CLA-WEB II					46.0	GAL		
FRICTION REDUCER		HIFLOW 5					178.0	gal		
SURFACTANT		FDP-S1226-15					184.0	GAL		
STAGE 35 - SAND on 10/20/2017										
Start Date 10/20/2017	Type SAND	Zone		Wellbore SIDETRACK 1		Stim/Treat Company HALLIBURTON ENERGY SERVICES		Comment Stage #35. Pumped 100% of Proppant. Max Prop Con - 3.9 ppg. Pumped as per design.		
Top Depth (ftKB) 10,100.0	Bottom Depth (ftKB) 10,282.0	Proppant Designed (lb) 366,155		Propanr Placed (lb) 368,132		Volume Clean Total (bbl) 4,146.70		Volume Slurry Total (bbl) 4,546.70		
P Pre SI (psi) 1,354.0	ISIP (psi) 2,486.0	5 min SI (psi) 1983		Breakdown Pressure (psi)		Breakdown Rate (bbl/min) 5,747.0	Treat Pressure Max (psi) 5,747.0	Treat Pressure Avg (psi) 5,096.0	Frac Gradient (psi/ft) 0.77	
Slurry Rate Min (bbl/min) 73		Slurry Rate Avg (bbl/min) 89			Slurry Rate Max (bbl/min) 91			Pump Power Avg (hp) 11,117.0		
Type	Des	Sand Size		Design Amount (lb)		Amount (lb)		Note		
						176,678.0		100 Mesh Brown		
SAND	40/70 WHITE	40/70				61,269.0				
SAND	100 MESH WHITE	100 MESH				130,200.0				
Add Type	Add Subtype	Add		Purpose		Design Amount	Amount	Units	Com	
ACID INHIBITOR/RETARDER						4.0	4.0			
SURFACTANT						2.0	2.0			
BIOCIDE		MC B-8614					67.0	GAL		
BREAKING AGENT		POLYBREAK 52					92.0	gal		
CLAY CONTROL		CLA-WEB II					42.0	GAL		
FRICTION REDUCER		HIFLOW 5					207.0	gal		
SURFACTANT		FDP-S1226-15					178.0	GAL		

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Stimulation Details							
STAGE 36 - SAND on 10/21/2017							
Start Date 10/21/2017	Type SAND	Zone	Wellbore SIDETRACK 1	Stim/Treat Company HALLIBURTON ENERGY SERVICES		Comment Stage #36. Pumped 100% of Proppant. Max Prop Con - 3.8 ppg. Pumped as per design.	
Top Depth (ftKB) 9,889.0	Bottom Depth (ftKB) 10,071.0	Proppant Designed (lb) 366,155	Propanant Placed (lb) 368,142	Volume Clean Total (bbl) 4,085.50		Volume Slurry Total (bbl) 4,485.30	
P Pre SI (psi) 1,269.0	ISIP (psi) 2,715.0	5 min SI (psi) 1966	Breakdown Pressure (psi)	Breakdown Rate (bbl/min)	Treat Pressure Max (psi) 7,014.0	Treat Pressure Avg (psi) 5,414.0	Frac Gradient (psi/ft) 0.80
Slurry Rate Min (bbl/min) 81		Slurry Rate Avg (bbl/min) 90		Slurry Rate Max (bbl/min) 91		Pump Power Avg (hp) 11,943.0	
Type	Des	Sand Size	Design Amount (lb)	Amount (lb)		Note	
				0.0		100 Mesh Brown	
SAND	40/70 WHITE	40/70		58,799.0			
SAND	100 MESH WHITE	100 MESH		309,343.0			
Add Type	Add Subtype	Add	Purpose	Design Amount	Amount	Units	Com
ACID INHIBITOR/RETARDER				4.0	4.0		
SURFACTANT				2.0	2.0		
BIOCIDE		MC B-8614			67.0	GAL	
BREAKING AGENT		POLYBREAK 52			129.0	gal	
CLAY CONTROL		CLA-WEB II			52.0	GAL	
FRICTION REDUCER		HIFLOW 5			213.0	gal	
SURFACTANT		FDP-S1226-15			173.0	GAL	