

SABLE PERMIAN RESOURCES, LLC
Daily Completion Partner Report

Report Date 10/8/2017
AFE # 1550467
Total AFE 4,547,178

UNIVERSITY 11 RE 931HS
WELL NO. 155

PI 42383398300000		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 1550467			Supplemental AFE Number			Daily Field Est (Cost) 222,109		Cum Field Est (Cost) 1,084,300		
Number of Stages (ft) 47			Lateral Length (ft) 9,865			Time Since LTI (days)		Time Since Reportable Incident (days)		
Daily Contacts										
Contacts COMP ENG, CORLEY WALTERS, ; COMP SUPT, DALE BLOCKER, ; COMP SUPT, BEN MCCORMICK, ; CSV, JUSTIN SMITH, ; CSV, MICAH FALGOUT, ; CSV, JERRY GOSA,										
Daily Operations										
Operations Summary 0 EHS; 1.5 hrs NPT; Frac stage 7 - 9 of 47. Plug & Perf stages 8 - 9 of 47. RIH to plug and perf Stg #10 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	STANDBY	No	Standby for SIM ops. Frac ops on adjacent well.				No
06:30	08:00	1.50	2.00	DOWNTIME	No	Water transfewr fixing leak on connection from hose to pump that was just replaced.				Yes
08:00	09:30	1.50	3.50	FRAC. JOB	No	Frac Stage #7				No
09:30	09:45	0.25	3.75	GENERAL OPERATIONS	No	Swap from Frac to WL				No
09:45	11:15	1.50	5.25	PERFORATING	No	Plug & Perforate Stage #8				No
11:15	14:15	3.00	8.25	STANDBY	No	Standby for SIM ops. Frac ops on adjacent well.				No
14:15	15:15	1.00	9.25	GENERAL OPERATIONS	No	Grease 7-1/16" 10K Manual Valve on Zipper Manifold				No
15:15	16:30	1.25	10.50	FRAC. JOB	No	Frac Stage #8				No
16:30	17:00	0.50	11.00	GENERAL OPERATIONS	No	Swap from Frac to WL				No
17:00	19:15	2.25	13.25	PERFORATING	No	Plug & Perforate Stage #9				No
19:15	22:15	3.00	16.25	STANDBY	No	Standby for SIM ops. Frac ops on adjacent well.				No
22:15	00:15	2.00	18.25	GENERAL OPERATIONS	No	Grease zipper manifold and Frac stack				No
00:15	02:45	2.50	20.75	STANDBY	No	Standby for SIM ops. Frac ops on adjacent well.				No
02:45	03:15	0.50	21.25	GENERAL OPERATIONS	No	Swap to Frac				No
03:15	04:45	1.50	22.75	FRAC. JOB	No	Frac Stage #9				No
04:45	05:15	0.50	23.25	GENERAL OPERATIONS	No	Swap WL to Frac				No
05:15	06:00	0.75	24.00	PERFORATING	No	RIH to Plug and Perf Stage #10				No
NPT										
Type		Subtype		Des		Start Date	End Date	Failed Item	Accountable Party	Dur (Net) (hr)
SURFACE EQUIPMENT		WATER TRANSFER		Fix leak on clamp from water line to pump that was just replaced.		10/7/2017 06:30	10/7/2017 08:00		TERRA OILFIELD SOLUTIONS	1.50
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		15,919.0	15,921.0	4.37		10/7/2017		Plug #7		
FRAC PLUG		15,503.0	15,505.0	4.37		10/8/2017		Plug #9		
Perforation Intervals										
Time	Linked Zone			Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Gun Size (in)	Com		
05:45				15,306.0	15,487.0	5.0	3 1/8	Stage 10		
10:35				15,755.0	15,905.0	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) 43,229.10	Proppant Total (lb) 3,314,009.0		
Stimulation Details										
STAGE 7 - SAND on 10/7/2017										
Start Date 10/7/2017	Type SAND	Zone	Wellbore ORIGINAL HOLE	Stim/Treat Company HALLIBURTON ENERGY SERVICES			Comment Stage #7. Pumped 100% of Proppant. Max Prop Con - 3.7 ppg. Pumped as per design.			
Top Depth (ftKB) 15,934.0	Bottom Depth (ftKB) 16,114.0	Proppant Designed (lb) 366,155	Propanpt Placed (lb) 366,901	Volume Clean Total (bbl) 4,595.20			Volume Slurry Total (bbl) 4,993.50			
P Pre SI (psi) 1,860.0	ISIP (psi) 2,655.0	5 min SI (psi) 2268	Breakdown Pressure (psi)	Breakdown Rate (bbl/min)	Treat Pressure Max (psi) 6,619.0	Treat Pressure Avg (psi) 5,359.0	Frac Gradient (psi/ft) 0.80			
Slurry Rate Min (bbl/min) 60		Slurry Rate Avg (bbl/min) 90			Slurry Rate Max (bbl/min) 90		Pump Power Avg (hp) 11,874.0			
Type	Des	Sand Size	Design Amount (lb)	Amount (lb)			Note			
	40/70 BROWN	40/70	56,280.0							
SAND	40/70 WHITE	40/70		57,732.0						
SAND		100 MESH	309,875.0	46,300.0			100 MESH BROWN			
SAND	100 MESH WHITE	100 MESH		262,869.0						
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 8 - SAND on 10/7/2017										
Start Date 10/7/2017	Type SAND	Zone	Wellbore ORIGINAL HOLE	Stim/Treat Company HALLIBURTON ENERGY SERVICES			Comment Stage #8. Pumped 100% of Proppant. Max Prop Con - 3.6 ppg. Pumped as per design.			
Top Depth (ftKB) 15,725.0	Bottom Depth (ftKB) 15,905.0	Proppant Designed (lb) 366,155	Propanpt Placed (lb) 367,165	Volume Clean Total (bbl) 4,507.70			Volume Slurry Total (bbl) 4,907.40			
P Pre SI (psi) 1,664.0	ISIP (psi) 2,687.0	5 min SI (psi) 2326	Breakdown Pressure (psi)	Breakdown Rate (bbl/min)	Treat Pressure Max (psi) 6,889.0	Treat Pressure Avg (psi) 5,500.0	Frac Gradient (psi/ft) 0.80			
Slurry Rate Min (bbl/min) 66		Slurry Rate Avg (bbl/min) 89			Slurry Rate Max (bbl/min) 90		Pump Power Avg (hp) 12,065.0			
Type	Des	Sand Size	Design Amount (lb)	Amount (lb)			Note			
SAND		100 MESH	309,875.0				100 MESH BROWN			
SAND	100 MESH WHITE	100 MESH		309,724.0						
SAND	40/70 WHITE	40/70		57,750.0						
SAND	40/70 BROWN	40/70	56,280.0							
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			75.0	GAL				
BREAKING AGENT		POLYBREAK 52			94.0	lb				
CLAY CONTROL		CLA-WEB II			47.0	GAL				

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Total AFE4,547,178

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WELL NO. 155

Add Type	Add Subtype	Add	Purpose	Design Amount	Amount	Units	Com
FRICITION REDUCER		HIFLOW 5			235.0	gal	
SURFACTANT		FDP-S1226-15			187.0	GAL	
STAGE 9 - SAND on 10/8/2017							
Start Date 10/8/2017	Type SAND	Zone	Wellbore ORIGINAL HOLE	Stim/Treat Company HALLIBURTON ENERGY SERVICES		Comment Stage #9. Pumped 100% of Proppant. Max Prop Con - 3.6 ppg. Pumped as per design.	
Top Depth (ftKB) 15,516.0	Bottom Depth (ftKB) 15,696.0	Proppant Designed (lb) 366,155	Propant Placed (lb) 367,474	Volume Clean Total (bbl) 4,554.50		Volume Slurry Total (bbl) 4,952.50	
P Pre SI (psi) 4,548.0	ISIP (psi) 2,448.0	5 min SI (psi) 2172	Breakdown Pressure (psi)	Breakdown Rate (bbl/min)	Treat Pressure Max (psi) 7,317.0	Treat Pressure Avg (psi) 5,464.0	Frac Gradient (psi/ft) 0.77
Slurry Rate Min (bbl/min) 70		Slurry Rate Avg (bbl/min) 87		Slurry Rate Max (bbl/min) 87		Pump Power Avg (hp) 11,652.0	
Type	Des	Sand Size	Design Amount (lb)	Amount (lb)		Note	
	40/70 BROWN	40/70	56,280.0				
SAND		100 MESH	309,875.0	209,940.0		100 MESH BROWN	
SAND	40/70 WHITE	40/70		58,045.0			
SAND	100 MESH WHITE	100 MESH		99,180.0			
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			48.0	GAL	
FRICITION REDUCER		HIFLOW 5			232.0	gal	
SURFACTANT		FDP-S1226-15			190.0	GAL	