

SABLE PERMIAN RESOURCES, LLC
Daily Completion Partner Report

Report Date 10/9/2017
AFE # 1550467
Total AFE 4,547,178

UNIVERSITY 11 RE 931HS
WELL NO. 155

API 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) 229,298		Cum Field Est (Cost) 1,313,598		
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; 1.75 hrs NPT; Frac stage 10 - 12 of 47. Plug & Perf stages 10 - 12 of 47.									
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. #10 Plug and Perf			No
06:30	08:45	2.25	2.75	STANDBY	No	SimOps. Waiting on adjacent well ops.			No
08:45	11:00	2.25	5.00	GENERAL OPERATIONS	No	Swap to Frac. Rearrange Chem Floats to allow for 4 more frac tanks.			No
11:00	12:15	1.25	6.25	FRAC. JOB	No	Frac Stage #10			No
12:15	12:30	0.25	6.50	GENERAL OPERATIONS	No	Swap Frac to WL			No
12:30	14:15	1.75	8.25	PERFORATING	No	Plug & Perf Stg. #11			No
14:15	17:15	3.00	11.25	GENERAL OPERATIONS	No	SimOps. Waiting on adjacent well ops.			No
17:15	18:30	1.25	12.50	FRAC. JOB	No	Frac stage 11			No
18:30	19:30	1.00	13.50	GENERAL OPERATIONS	No	Grease zipper and rehead WL.			No
19:30	21:15	1.75	15.25	PERFORATING	No	Plug & Perf Stg. #12			No
21:15	01:45	4.50	19.75	STANDBY	No	SimOps. Waiting on adjacent well ops.			No
01:45	03:30	1.75	21.50	DOWNTIME	No	Water transfer fixing leak			Yes
03:30	04:45	1.25	22.75	FRAC. JOB	No	Frac Stage 12			No
04:45	05:00	0.25	23.00	GENERAL OPERATIONS	No	Swap Frac to WL			No
05:00	06:00	1.00	24.00	PERFORATING	No	RIH to Plug and Perf stage 13			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.			10/9/2017 01:45	10/9/2017 03:30		TERRA OILFIELD SOLUTIONS	1.75
Safety Checks									
Time	Type				Inspected By		Description		
06:00	SAFETY MEETING				Bull Smith/Slade Sears		PJSM High Pressure Areas, Communication, & Job Assignments		
18:00	SAFETY MEETING				Phillip Rossi/Jerry Gosa		PJSM Spotter & Hydration		
06:00	SAFETY MEETING				Bull Smith/Slade Sears		PJSM Trip Hazzards and Speed Limit on lease		
Plug Details									
Des		Top (ftKB)	Btm (ftKB)	OD (in)	ID (in)	Run Date	Pull Date	Com	
FRAC PLUG		15,292.0	15,294.0	4.37		10/8/2017		Plug #10	
FRAC PLUG		15,083.0	15,085.0	4.37		10/8/2017		Plug #11	
FRAC PLUG		14,874.0	14,876.0	4.37		10/9/2017		Plug #12	
Perforation Intervals									
Time	Linked Zone			Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Gun Size (in)	Com	
05:41				14,680.0	14,860.0	5.0	3 1/8	Stage 13	
20:23				14,890.0	15,067.0	5.0	3 1/8	Stage 12	
13:01				15,098.0	15,278.0	5.0	3 1/8	Stage 11	
Stimulations Summary									
Type SAND FRAC		Stim/Treat Company HALLIBURTON ENERGY SERVICES			Start Date 10/4/2017	End Date	Volume Clean Total (bbl) 56,689.30	Proppant Total (lb) 4,415,280.0	
Stimulation Details									
STAGE 10 - SAND on 10/8/2017									
Start Date 10/8/2017	Type SAND	Zone ORIGINAL HOLE		Stim/Treat Company HALLIBURTON ENERGY SERVICES			Comment Stage #10. Pumped 100% of Proppant. Max Prop Con - 3.7 ppg. Pumped as per design.		
Top Depth (ftKB) 15,307.0	Bottom Depth (ftKB) 15,487.0	Proppant Designed (lb) 366,155	Propan t Placed (lb) 363,504	Volume Clean Total (bbl) 4,523.60			Volume Slurry Total (bbl) 4,918.30		
P Pre SI (psi) 1,426.0	ISIP (psi) 2,661.0	5 min SI (psi) 2292	Breakdown Pressure (psi)	Breakdown Rate (bbl/min)	Treat Pressure Max (psi) 7,960.0	Treat Pressure Avg (psi) 5,714.0		Frac Gradient (psi/ft) 0.80	
Slurry Rate Min (bbl/min) 61		Slurry Rate Avg (bbl/min) 88			Slurry Rate Max (bbl/min) 91		Pump Power Avg (hp) 12,408.0		
Type	Des	Sand Size	Design Amount (lb)	Amount (lb)			Note		
SAND	40/70 BROWN	40/70	56,280.0						
SAND		100 MESH	309,875.0				100 MESH BROWN		
SAND	100 MESH WHITE	100 MESH		311,305.0					
SAND	40/70 WHITE	40/70		52,199.0					
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			92.0	lb			
CLAY CONTROL		CLA-WEB II			48.0	GAL			
FRICITION REDUCER		HIFLOW 5			231.0	gal			
SURFACTANT		FDP-S1226-15			190.0	GAL			
STAGE 11 - SAND on 10/8/2017									
Start Date 10/8/2017	Type SAND	Zone ORIGINAL HOLE		Stim/Treat Company HALLIBURTON ENERGY SERVICES			Comment Stage #11. Pumped 100% of Proppant. Max Prop Con - 4.3 ppg. Pumped as per design.		
Top Depth (ftKB) 15,098.0	Bottom Depth (ftKB) 15,278.0	Proppant Designed (lb) 366,155	Propan t Placed (lb) 368,633	Volume Clean Total (bbl) 4,392.20			Volume Slurry Total (bbl) 4,792.30		
P Pre SI (psi) 1,821.0	ISIP (psi) 2,559.0	5 min SI (psi) 2216	Breakdown Pressure (psi)	Breakdown Rate (bbl/min)	Treat Pressure Max (psi) 6,312.0	Treat Pressure Avg (psi) 5,192.0		Frac Gradient (psi/ft) 0.79	
Slurry Rate Min (bbl/min) 70		Slurry Rate Avg (bbl/min) 87			Slurry Rate Max (bbl/min) 89		Pump Power Avg (hp) 11,072.0		
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		311,403.0					
SAND	40/70 WHITE	40/70		57,230.0					
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			73.0	GAL			

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BREAKING AGENT		POLYBREAK 52			92.0	lb	
CLAY CONTROL		CLA-WEB II			45.0	GAL	
FRICTION REDUCER		HIFLOW 5			229.0	gal	
SURFACTANT		FDP-S1226-15			182.0	GAL	
STAGE 12 - SAND on 10/9/2017							
Start Date 10/9/2017	Type SAND	Zone	Wellbore ORIGINAL HOLE	Stim/Treat Company HALLIBURTON ENERGY SERVICES		Comment Stage #12. Pumped 100% of Proppant. Max Prop Con - 4.3 ppg. Pumped as per design.	
Top Depth (ftKB) 14,889.0	Bottom Depth (ftKB) 15,069.0	Proppant Designed (lb) 366,155	Propant Placed (lb) 369,134	Volume Clean Total (bbl) 4,544.40		Volume Slurry Total (bbl) 4,945.30	
P Pre SI (psi) 1,639.0	ISIP (psi) 2,488.0	5 min SI (psi) 2170	Breakdown Pressure (psi)	Breakdown Rate (bbl/min)	Treat Pressure Max (psi) 7,269.0	Treat Pressure Avg (psi) 5,132.0	Frac Gradient (psi/ft) 0.78
Slurry Rate Min (bbl/min) 72		Slurry Rate Avg (bbl/min) 88		Slurry Rate Max (bbl/min) 89		Pump Power Avg (hp) 11,069.0	
Type	Des	Sand Size	Design Amount (lb)	Amount (lb)		Note	
SAND	40/70 WHITE	40/70		60,351.0			
SAND	40/70 BROWN	40/70	56,280.0				
SAND		100 MESH	309,875.0	184,180.0		100 MESH BROWN	
SAND	100 MESH WHITE	100 MESH		124,603.0			
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			226.0	GAL	
BREAKING AGENT		POLYBREAK 52			97.0	lb	
CLAY CONTROL		CLA-WEB II			48.0	GAL	
FRICTION REDUCER		HIFLOW 5			218.0	gal	
SURFACTANT		FDP-S1226-15			189.0	GAL	