

SABLE PERMIAN RESOURCES, LLC
Daily Completion Partner Report

Report Date 10/7/2017
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) 120,996		Cum Field Est (Cost) 814,490			
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; 2 hrs NPT; Frac stage 5 - 6 of 47. Plug & Perf stages 5 - 7 of 47. Fracing Univ 936 HS at report time.										
Planned Operations Frac Ops										
Time Log										
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Activity	Inactive?	Comments		Unschd Type	NPT	
06:00	08:00	2.00	2.00	PERFORATING	No	Filled Coolant on PD Pump. Continue PD from 11,000' to Plug depth.Plug/ Perf Stg #5 WL			No	
08:00	08:45	0.75	2.75	STANDBY	No	Standby for SIM ops. Fracing and WL ops on adjacent wells.			No	
08:45	09:30	0.75	3.50	GENERAL OPERATIONS	No	Swap from WL to Frac			No	
09:30	10:45	1.25	4.75	FRAC. JOB	No	Frac Stage #5			No	
10:45	14:30	3.75	8.50	STANDBY	No	Standby for SIM ops. Fracing and WL ops on adjacent wells.			No	
14:30	16:30	2.00	10.50	PERFORATING	No	Plug/Perf Stg # 6			No	
16:30	20:00	3.50	14.00	STANDBY	No	Standby for SIM ops. Fracing and WL ops on adjacent wells.			No	
20:00	20:30	0.50	14.50	GENERAL OPERATIONS	No	Swap to Frac			No	
20:30	21:45	1.25	15.75	GENERAL OPERATIONS	No	Unable to open zipper valve, Circulate grease thru valve and got it functioning properly, prime and test frac.			No	
21:45	23:00	1.25	17.00	FRAC. JOB	No	Frac Stage #6			No	
23:00	23:30	0.50	17.50	GENERAL OPERATIONS	No	Swap from Frac to WL			No	
23:30	01:15	1.75	19.25	PERFORATING	No	Plug/Perf Stg # 7			No	
01:15	03:15	2.00	21.25	GENERAL OPERATIONS	No	Grease zipper manifold, Rehead WL, Perform pump maintenance.			No	
03:15	05:15	2.00	23.25	DOWNTIME	No	Waiting for water transfer to swap out pumps.			Yes	
05:15	06:00	0.75	24.00	STANDBY	No	Standby for SIM ops. Frac ops on adjacent well.			No	
NPT										
Type		Subtype	Des		Start Date	End Date	Failed Item	Accountable Party	Dur (Net) (hr)	
SURFACE EQUIPMENT		WATER TRANSFER	Swap water transfer pump out (blown engine), Repair hole in line.		10/7/2017 03:15	10/7/2017 05:15		TERRA OILFIELD SOLUTIONS	2.00	
Safety Checks										
Time		Type			Inspected By		Description			
06:00		SAFETY MEETING			Bull Smith/Slade Sears		PJSM Communication, Slips, Trips, & Falls, Heat			
18:00		SAFETY MEETING			Micah Falgout/Jerry Gosa		PJSM Communication, Slips, Trips, & Falls, Heat			
Plug Details										
Des		Top (ftKB)	Btm (ftKB)	OD (in)	ID (in)	Run Date	Pull Date	Com		
FRAC PLUG		16,546.0	16,548.0	4.37		10/6/2017		Plug #4		
FRAC PLUG		16,337.0	16,339.0	4.37		10/6/2017		Plug #5		
FRAC PLUG		16,337.0	16,128.0	4.37		10/7/2017		Plug #6		
Perforation Intervals										
Time	Linked Zone		Top (ftKB)		Btm (ftKB)		Shot Dens (shots/ft)		Gun Size (in)	Com
00:15			15,934.0		16,114.0		5.0		3 1/8	Stage 7
15:24			16,173.0		16,323.0		5.0		3 1/8	Stage 6
07:09			16,352.0		16,532.0		5.0		3 1/8	Stage 5
Stimulations Summary										
Type SAND FRAC		Stim/Treat Company HALLIBURTON ENERGY SERVICES			Start Date 10/4/2017		End Date		Volume Clean Total (bbl) 29,571.70	Proppant Total (lb) 2,212,469.0
Stimulation Details										
STAGE 5 - SAND on 10/6/2017										
Start Date 10/6/2017		Type SAND	Zone		Wellbore ORIGINAL HOLE		Stim/Treat Company HALLIBURTON ENERGY SERVICES		Comment Stage #5. Pumped 100% of Proppant. Max Prop Con - 3.75 ppg. Pumped as per design.	
Top Depth (ftKB) 16,352.0		Bottom Depth (ftKB) 16,532.0	Proppant Designed (lb) 366,155		Propanpt Placed (lb) 366,090		Volume Clean Total (bbl) 4,628.00		Volume Slurry Total (bbl) 5,025.60	
P Pre SI (psi) 1,795.0		ISIP (psi) 2,252.0	5 min SI (psi) 2270		Breakdown Pressure (psi)		Breakdown Rate (bbl/min)	Treat Pressure Max (psi) 6,597.0	Treat Pressure Avg (psi) 5,421.0	Frac Gradient (psi/ft) 0.78
Slurry Rate Min (bbl/min) 66			Slurry Rate Avg (bbl/min) 87			Slurry Rate Max (bbl/min) 90			Pump Power Avg (hp) 11,613.0	
Type	Des	Sand Size		Design Amount (lb)		Amount (lb)			Note	
SAND		100 MESH							100 MESH BROWN	
SAND	100 MESH WHITE	100 MESH		309,875.0		306,969.0				
SAND	40/70 WHITE	40/70		56,280.0		59,121.0				
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			82.0	GAL			
BREAKING AGENT			POLYBREAK 52			92.0	lb			
CLAY CONTROL			CLA-WEB II			48.0	GAL			
FRICTION REDUCER			HIFLOW 5			246.0	gal			
SURFACTANT			FDP-S1226-15			198.0	GAL			
STAGE 6 - SAND on 10/6/2017										
Start Date 10/6/2017		Type SAND	Zone		Wellbore ORIGINAL HOLE		Stim/Treat Company HALLIBURTON ENERGY SERVICES		Comment Stage #6. Pumped 100% of Proppant. Max Prop Con - 3.8 ppg. Pumped as per design.	
Top Depth (ftKB) 16,143.0		Bottom Depth (ftKB) 16,323.0	Proppant Designed (lb) 366,155		Propanpt Placed (lb) 368,939		Volume Clean Total (bbl) 4,515.10		Volume Slurry Total (bbl) 4,916.10	
P Pre SI (psi) 1,712.0		ISIP (psi) 2,625.0	5 min SI (psi) 2343		Breakdown Pressure (psi)		Breakdown Rate (bbl/min)	Treat Pressure Max (psi) 6,959.0	Treat Pressure Avg (psi) 5,517.0	Frac Gradient (psi/ft) 0.79
Slurry Rate Min (bbl/min) 72			Slurry Rate Avg (bbl/min) 88			Slurry Rate Max (bbl/min) 89			Pump Power Avg (hp) 11,900.0	
Type	Des	Sand Size		Design Amount (lb)		Amount (lb)			Note	
SAND		100 MESH				183,813.0			100 MESH BROWN	
SAND	100 MESH WHITE	100 MESH		309,875.0		125,356.0				
SAND	40/70 WHITE	40/70		56,280.0		59,770.0				
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			231.0	gal			

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