

SABLE PERMIAN RESOURCES, LLC
Daily Completion Partner Report

Report Date 10/5/2017
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
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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) 166,224			Cum Field Est (Cost) 310,615	
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; 9.75 hrs NPT; Frac stages 1-2 of 47. Plug & Perforate stages 2 of 47. RIH to plug and perf stage 3 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	08:15	2.25	2.25	DOWNTIME	No	Found leak on wellhead flange between goathead and crown valve on univ 11 #931HS and (2) hyd stem packing leaking on 932 HA. Waiting for torque and packing to arrive		Yes
08:15	11:15	3.00	5.25	DOWNTIME	No	Retorque flange and replace stem packing. Retested. 5-1/8" flange below crown valve leaking. nd crown valve. replace ring gasket. Re-test iron to 9,500 psi. Good test.		Yes
11:15	12:15	1.00	6.25	FRAC. JOB	No	SimOps. Waiting on offset Well operations		No
12:15	13:45	1.50	7.75	DOWNTIME	No	Downtime waiting on HES to change out check valves, Transducers and re-test iron.		Yes
13:45	15:30	1.75	9.50	FRAC. JOB	No	Frac Stage #1		No
15:30	16:00	0.50	10.00	GENERAL OPERATIONS	No	Swap from Frac to WL		No
16:00	18:00	2.00	12.00	PERFORATING	No	Plug & Perf Stage #2		No
18:00	21:15	3.25	15.25	STANDBY	No	Standby of SIM ops, Fracing adjacent wells.		No
21:15	00:15	3.00	18.25	DOWNTIME	No	Waiting on Hal to repair/replace 3 pumps.		Yes
00:15	02:00	1.75	20.00	STANDBY	No	Standby of SIM ops, Fracing adjacent wells.		No
02:00	02:30	0.50	20.50	GENERAL OPERATIONS	No	Swop wl to frac on adjacent wells.		No
02:30	04:30	2.00	22.50	FRAC. JOB	No	Frac stage 2		No
04:30	05:30	1.00	23.50	GENERAL OPERATIONS	No	Rehead and swop frac to wl and grease zipper.		No
05:30	06:00	0.50	24.00	STANDBY	No	RIH to plug and perf stage 3		No

NPT								
Type	Subtype	Des	Start Date	End Date	Failed Item	Accountable Party	Dur (Net) (hr)	
SURFACE EQUIPMENT	WELLHEAD	Wait on Torque Wrenches	10/4/2017 06:00	10/4/2017 08:15		COMPLETION EQUIPMENT RENTAL INC	2.25	
SURFACE EQUIPMENT	WELLHEAD	Re-torque flange, re-test. another flange leaking. nd crown, Replace ring gasket and re-test.	10/4/2017 08:15	10/4/2017 11:15		COMPLETION EQUIPMENT RENTAL INC	3.00	
SURFACE EQUIPMENT	FRAC	Waiting on HES to change out Check valves and Transducers	10/4/2017 12:15	10/4/2017 13:30		HALLIBURTON	1.25	
SURFACE EQUIPMENT	FRAC	Three frac pumps on line needed repairs	10/4/2017 21:15	10/5/2017 00:15		HALLIBURTON	3.00	

Safety Checks								
Time	Type	Inspected By	Description					
06:00	SAFETY MEETING	Bull Smith/Slade Sears	Good communication, House Keeping, PPE					
18:00	SAFETY MEETING	Micah/ Jerry	Good communication, House Keeping, PPE					

Plug Details								
Des	Top (ftKB)	Btm (ftKB)	OD (in)	ID (in)	Run Date	Pull Date	Com	
FRAC PLUG	17,259.0	17,261.0	4.37		10/4/2017		FRAC PLUG #1	

Perforation Intervals								
Time	Linked Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Gun Size (in)	Com		
07:15		17,063.0	17,244.0	5.0	3 1/8	Stage 2		

Stimulations Summary								
Type	Stim/Treat Company	Start Date	End Date	Volume Clean Total (bbl)	Proppant Total (lb)			
SAND FRAC	HALLIBURTON ENERGY SERVICES	10/4/2017		10,162.30	703,811.0			

STAGE 1 - SAND on 10/4/2017

Start Date 10/4/2017	Type SAND	Zone	Wellbore SIDETRACK 1	Stim/Treat Company HALLIBURTON ENERGY SERVICES	Comment Stage #1. Pumped 90% of Proppant. Max Prop Con - 3.6 ppg. Blender densometer gave fake reading whole on 3.5 ppg 40/70. Cut prop and staged flush of prop counter based off densometer.		
Top Depth (ftKB) 17,280.0	Bottom Depth (ftKB) 17,402.0	Proppant Designed (lb) 366,155	Proppant Placed (lb) 333,943	Volume Clean Total (bbl) 4,973.80	Volume Slurry Total (bbl) 5,335.90		
P Pre SI (psi) 820.0	ISIP (psi) 2,595.0	5 min SI (psi) 2290	Breakdown Pressure (psi)	Breakdown Rate (bbl/min) 7,734.0	Treat Pressure Max (psi) 7,043.0	Treat Pressure Avg (psi) 6,555.0	Frac Gradient (psi/ft) 0.79
Slurry Rate Min (bbl/min) 61	Slurry Rate Avg (bbl/min) 88	Slurry Rate Max (bbl/min) 90	Pump Power Avg (hp) 14,138.0				
Type	Des	Sand Size	Design Amount (lb)	Amount (lb)	Note		
SAND	100 MESH WHITE	100 MESH	309,875.0	307,123.0			
SAND	40/70 WHITE	40/70	56,280.0	26,820.0			
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	
BIOCIDES		MC B-8614			87.0	GAL	
BREAKING AGENT		POLYBREAK 52			184.0	lb	
CLAY CONTROL		CLA-WEB II			53.0	GAL	
FRICITION REDUCER		HIFLOW 5			240.0	gal	
SURFACTANT		FDP-S1226-15			208.0	GAL	

STAGE 2 - Sand on 10/5/2017

Start Date 10/5/2017	Type Sand	Zone	Wellbore SIDETRACK 1	Stim/Treat Company HALLIBURTON ENERGY SERVICES	Comment Stage #2. Pumped 100% of Proppant. Max Prop Con - 3.8 ppg. Blender densometer gave fake reading whole on 3.5 ppg. Pumped stage to design.		
Top Depth (ftKB) 17,063.0	Bottom Depth (ftKB) 17,245.0	Proppant Designed (lb) 366,155	Proppant Placed (lb) 369,868	Volume Clean Total (bbl) 5,188.50	Volume Slurry Total (bbl) 5,589.50		
P Pre SI (psi) 1,601.0	ISIP (psi) 2,735.0	5 min SI (psi) 2315	Breakdown Pressure (psi)	Breakdown Rate (bbl/min) 7,043.0	Treat Pressure Max (psi) 7,043.0	Treat Pressure Avg (psi) 6,262.0	Frac Gradient (psi/ft) 0.89
Slurry Rate Min (bbl/min) 80	Slurry Rate Avg (bbl/min) 88	Slurry Rate Max (bbl/min) 89	Pump Power Avg (hp) 13,506.0				
Type	Des	Sand Size	Design Amount (lb)	Amount (lb)	Note		
SAND	100 MESH WHITE	100 MESH	309,875.0	310,928.0			
SAND	40/70 WHITE	40/70	56,280.0	58,940.0			
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	
BIOCIDES		MC B-8614			86.0	GAL	
BREAKING AGENT		POLYBREAK 52			84.0	lb	
CLAY CONTROL		CLA-WEB II			54.0	GAL	

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Add Type	Add Subtype	Add	Purpose	Design Amount	Amount	Units	Com
FRICION REDUCER		HIFLOW 5			247.0	gal	
SURFACTANT		FDP-S1226-15			216.0	GAL	