SABLE PERMIAN RESOURCES, LLC
Daily Completion Partner Report

Report Date	**10/11/2017**
AFE #	**1550467**
Total AFE	**4,547,178**

UNIVERSITY 11 RE 931HS
WELL NO. 155

API	State	County	Well Config	Ground Elevation (ft)	RKB (ft)	Well Status	Well Sub-Status	Completion Date
42383398300000	TEXAS	REAGAN	HORIZONTAL	2,666.00	21.00	COMPLETION	COMPLETING	

Job Information

Job Category	Primary Job Type	Secondary Job Type	Start Date	End Date
COMPLETION	COMPLETION - ORIGINAL		9/18/2017	

AFE Number	Supplemental AFE Number	Daily Field Est (Cost)	Cum Field Est (Cost)
1550467		164,205	1,722,060

Number of Stages (ft)	Lateral Length (ft)	Time Since LTI (days)	Time Since Reportable Incident (days)
47	9,865		

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; 4 hrs NPT; Frac stage 16 - 18 of 47. Plug & Perf stages 16 - 18 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	07:00	1.00	1.00	STANDBY	No	SimOps. Waiting on Adjacent well ops.		No
07:00	07:30	0.50	1.50	GENERAL OPERATIONS	No	Swap to Frac		No
07:30	08:00	0.50	2.00	DOWNTIME	No	Waiting on HES to Change out 3" Chicksan on 932 HA before starting 931 stg. 16 frac		Yes
08:00	09:15	1.25	3.25	FRAC. JOB	No	Frac Stage #16		No
09:15	09:45	0.50	3.75	GENERAL OPERATIONS	No	Swap from frac to WL.		No
09:45	12:00	2.25	6.00	PERFORATING	No	Plug/Perf Stg. # 17		No
12:00	14:00	2.00	8.00	GENERAL OPERATIONS	No	Grease Frac Stack & Zipper Manifold		No
14:00	16:00	2.00	10.00	DOWNTIME	No	Replacing Blender due to cracked suction manifold seal prior to 936 frac. Bucket test & perform check valve test.		Yes
16:00	17:45	1.75	11.75	STANDBY	No	SimOps. Waiting on Adjacent well ops.		No
17:45	18:15	0.50	12.25	GENERAL OPERATIONS	No	Swap to Frac		No
18:15	19:15	1.00	13.25	GENERAL OPERATIONS	No	Off load chemicals.		No
19:15	20:45	1.50	14.75	DOWNTIME	No	Resolving communication issues between the data van and pumps.		Yes
20:45	22:00	1.25	16.00	FRAC. JOB	No	Frac Stage #17		No
22:00	22:15	0.25	16.25	GENERAL OPERATIONS	No	Swap from frac to WL.		No
22:15	00:00	1.75	18.00	PERFORATING	No	Plug/Perf Stg. # 18		No
00:00	04:15	4.25	22.25	STANDBY	No	SimOps. Waiting on Adjacent well ops.		No
04:15	05:30	1.25	23.50	FRAC. JOB	No	Frac stage 18		No
05:30	06:00	0.50	24.00	GENERAL OPERATIONS	No	Swap from frac to WL.		No

NPT

Type	Subtype	Des	Start Date	End Date	Failed Item	Accountable Party	Dur (Net) (hr)
SURFACE EQUIPMENT	FRAC IRON	Swap out 3" Chicksan on Goathead of 932 prior to 931 frac stg. 16	10/10/2017 07:30	10/10/2017 08:00		HALLIBURTON	0.50
SURFACE EQUIPMENT	FRAC	Change out blender due to cracked Blender suction Manifold	10/10/2017 14:00	10/10/2017 16:00		HALLIBURTON	2.00
SURFACE EQUIPMENT	FRAC DATA VAN	Communication issues between blender and frac pumps	10/10/2017 19:15	10/10/2017 20:45			1.50

Safety Checks

Time	Type	Inspected By	Description
06:00	SAFETY MEETING	Bull Smith/Slade Sears	PJSM Good handovers and walking valves
18:00	SAFETY MEETING	Phillip Rossi/Jerry Gosa	PJSM Good handovers and walking valves

Plug Details

Des	Top (ftKB)	Btm (ftKB)	OD (in)	ID (in)	Run Date	Pull Date	Com
FRAC PLUG	14,038.0	14,040.0	4.37		10/10/2017		Plug #16
FRAC PLUG	13,829.0	13,831.0	4.37		10/10/2017		Plug #17

Perforation Intervals

Time	Linked Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Gun Size (in)	Com
22:58		13,635.0	13,811.0	5.0	3 1/8	Stage 18
10:35		13,844.0	14,024.0	5.0	3 1/8	Stage 17

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		78,882.70	6,253,485.0

Stimulation Details

STAGE 16 - SAND on 10/10/2017

Start Date	Type	Zone	Wellbore	Stim/Treat Company	Comment
10/10/2017	SAND		ORIGINAL HOLE	HALLIBURTON ENERGY SERVICES	Stage #16. Pumped 100% of Proppant. Max Prop Con - 4.3 ppg. Pumped as per design.

Top Depth (ftKB)	Bottom Depth (ftKB)	Proppant Designed (lb)	Propant Placed (lb)	Volume Clean Total (bbl)	Volume Slurry Total (bbl)
14,053.0	14,233.0	366,155	368,401	4,401.00	4,800.90

P Pre SI (psi)	ISIP (psi)	5 min SI (psi)	Breakdown Pressure (psi)	Breakdown Rate (bbl/min)	Treat Pressure Max (psi)	Treat Pressure Avg (psi)	Frac Gradient (psi/ft)
1,700.0	2,840.0	2166			7,549.0	5,988.0	0.82

Slurry Rate Min (bbl/min)	Slurry Rate Avg (bbl/min)	Slurry Rate Max (bbl/min)	Pump Power Avg (hp)
76	80	90	11,844.0

Type	Des	Sand Size	Design Amount (lb)	Amount (lb)	Note
SAND	40/70 WHITE	40/70		51,450.0	
SAND	40/70 BROWN	40/70	56,280.0		
SAND		100 MESH	309,875.0	190,420.0	100 MESH BROWN
SAND	100 MESH WHITE	100 MESH		126,531.0	

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	
BREAKING AGENT		POLYBREAK 52			92.0	lb	
CLAY CONTROL		CLA-WEB II			46.0	GAL	
FRICTION REDUCER		HIFLOW 5			192.0	gal	
SURFACTANT		FDP-S1226-15			181.0	GAL	

STAGE 17 - SAND on 10/10/2017

Start Date	Type	Zone	Wellbore	Stim/Treat Company	Comment
10/10/2017	SAND		ORIGINAL HOLE	HALLIBURTON ENERGY SERVICES	Stage #17. Pumped 100% of Proppant. Max Prop Con - 3.7 ppg. Pumped as per design.

Top Depth (ftKB)	Bottom Depth (ftKB)	Proppant Designed (lb)	Propant Placed (lb)	Volume Clean Total (bbl)	Volume Slurry Total (bbl)
13,844.0	14,024.0	366,155	363,500	4,491.60	4,886.60

P Pre SI (psi)	ISIP (psi)	5 min SI (psi)	Breakdown Pressure (psi)	Breakdown Rate (bbl/min)	Treat Pressure Max (psi)	Treat Pressure Avg (psi)	Frac Gradient (psi/ft)
1,581.0	2,559.0	2205			6,729.0	5,437.0	0.79

Slurry Rate Min (bbl/min)	Slurry Rate Avg (bbl/min)	Slurry Rate Max (bbl/min)	Pump Power Avg (hp)
80	88	90	11,727.0

Type	Des	Sand Size	Design Amount (lb)	Amount (lb)	Note
SAND		100 MESH	309,875.0		100 MESH BROWN
SAND	40/70 BROWN	40/70	56,280.0		
SAND	40/70 WHITE	40/70		54,220.0	
SAND	100 MESH WHITE	100 MESH		309,280.0	

Add Type	Add Subtype	Add	Purpose	Design Amount	Amount	Units	Com
ACID		HCL 15%			2,000.0	gal	

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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	
FRICTION REDUCER		HIFLOW 5			205.0	gal	
SURFACTANT		FDP-S1226-15			187.0	GAL	