SABLE PERMIAN RESOURCES, LLC
Daily Completion Partner Report

Report Date	**10/14/2017**
AFE #	**1550466**
Total AFE	**4,547,178**

UNIVERSITY 11 RE 932HA
WELL NO. 156

API	State	County	Well Config	Ground Elevation (ft)	RKB (ft)	Well Status	Well Sub-Status	Completion Date
42383398290000	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)
1550466		176,510	2,099,577

Number of Stages (ft)	Lateral Length (ft)	Time Since LTI (days)	Time Since Reportable Incident (days)
46	9,965		

Daily Contacts

Contacts
COMP SUPT, BEN MCCORMICK, ; COMP ENG, CORLEY WALTERS, ; COMP SUPT, DALE BLOCKER, ; CSV, JERRY GOSA, ; CSV, MICAH FALGOUT,

Daily Operations

Operations Summary
0 EHS; 6 hrs NPT; Frac stage 23 -24 of 47. Plug & Perforate stage 23-25 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	07:30	1.50	1.50	PERFORATING	No	Finish P/P Stage 23		No
07:30	09:45	2.25	3.75	STANDBY	No	SimOps. Waiting on Adjacent well ops.		No
09:45	11:00	1.25	5.00	DOWNTIME	No	Wait on (6) loads of 100M.		Yes
11:00	11:30	0.50	5.50	FRAC. JOB	No	Adjusting Frac treatment design to help with sand delivery. Decision made from Houston		No
11:30	12:45	1.25	6.75	FRAC. JOB	No	Frac Stage 23 W/ new frac design		No
12:45	13:00	0.25	7.00	RIG UP/DOWN	No	Swap to WL.		No
13:00	15:30	2.50	9.50	PERFORATING	No	P/P Stage 24.		No
15:30	16:00	0.50	10.00	GENERAL OPERATIONS	No	Grease zipper manifold.		No
16:00	18:45	2.75	12.75	STANDBY	No	SimOps. Waiting on Adjacent well ops.		No
18:45	19:45	1.00	13.75	GENERAL OPERATIONS	No	Grease WH		No
19:45	22:45	3.00	16.75	DOWNTIME	No	Frac pump maintenance (valves and seats x1, packing x3)		Yes
22:45	00:00	1.25	18.00	FRAC. JOB	No	Frac stage 24		No
00:00	01:30	1.50	19.50	PERFORATING	No	P/P Stage 25		No
01:30	04:15	2.75	22.25	STANDBY	No	SimOps. Waiting on Adjacent well ops.		No
04:15	06:00	1.75	24.00	DOWNTIME	No	Waiting on sand offload.		Yes

NPT

Type	Subtype	Des	Start Date	End Date	Failed Item	Accountable Party	Dur (Net) (hr)
MATERIALS	PROPPANT	Wait on (6) loads of 100M	10/13/2017 09:45	10/13/2017 11:00		HALLIBURTON	1.25
SURFACE EQUIPMENT	FRAC	Repairing 4 frac pumps (valves/seats x1, packing x3)	10/13/2017 19:45	10/13/2017 22:45		HALLIBURTON	3.00
MATERIALS	PROPPANT	Waiting on sand to offload.	10/14/2017 04:15	10/14/2017 06:00		HALLIBURTON	1.75

Safety Checks

Time	Type	Inspected By	Description
06:00	SAFETY MEETING	Chris Cobb/Slade Sears	PJSM Pinch points/Hand placement
18:00	SAFETY MEETING	Tim Milam/ Jerry Gosa	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	12,816.0	12,818.0	4.37		10/13/2017		Frac Plug #23
FRAC PLUG	12,604.0	12,606.0	4.37		10/14/2017		Frac Plug #24

Perforation Intervals

Time	Linked Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Gun Size (in)	Com
13:50		12,616.0	12,800.0	5.0	3 1/2	Stg 24

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		111,847.50	8,848,904.0

Stimulation Details

STAGE 23 - SAND on 10/13/2017

Start Date	Type	Zone	Wellbore	Stim/Treat Company	Comment
10/13/2017	SAND		ORIGINAL HOLE	HALLIBURTON ENERGY SERVICES	Stage #23. Pumped 100% of Proppant. Max Prop Con - 3.70 ppg. Stage pumped per design.

Top Depth (ftKB)	Bottom Depth (ftKB)	Proppant Designed (lb)	Propant Placed (lb)	Volume Clean Total (bbl)	Volume Slurry Total (bbl)
12,829.0	13,013.0	366,056	365,965	5,131.00	5,602.00

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)
2,014.0	3,752.0	3187			6,775.0	5,942.0	0.95

Slurry Rate Min (bbl/min)	Slurry Rate Avg (bbl/min)	Slurry Rate Max (bbl/min)	Pump Power Avg (hp)
64	89	91	12,976.0

Type	Des	Sand Size	Design Amount (lb)	Amount (lb)	Note
SAND	100 MESH WHITE	100 MESH		190,381.0	
SAND	40/70 WHITE	40/70		47,020.0	
SAND		100 MESH		128,564.0	100 MESH BROWN

Add Type	Add Subtype	Add	Purpose	Design Amount	Amount	Units	Com
ACID		HCL 15%			1,000.0	gal	
ACID INHIBITOR/RETARDER					4.0	gal	
IRON CONTROL					4.0	gal	
BIOCIDE		MC B-8614			76.0	GAL	
BREAKING AGENT		POLYBREAK 52			121.0	lb	
CLAY CONTROL		CLA-WEB II			48.0	GAL	
FRICTION REDUCER		HIFLOW 5			216.0	gal	
SURFACTANT		FDP-S1226-15			190.0	GAL	

STAGE 24 - SAND on 10/13/2017

Start Date	Type	Zone	Wellbore	Stim/Treat Company	Comment
10/13/2017	SAND		ORIGINAL HOLE	HALLIBURTON ENERGY SERVICES	Stage #24. Pumped 100% of Proppant. Max Prop Con - 3.80 ppg. Stage pumped per design.

Top Depth (ftKB)	Bottom Depth (ftKB)	Proppant Designed (lb)	Propant Placed (lb)	Volume Clean Total (bbl)	Volume Slurry Total (bbl)
12,616.0	12,800.0	366,056	375,083	4,629.00	5,036.00

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)
1,953.0	3,889.0	3489			6,669.0	6,009.0	0.97

Slurry Rate Min (bbl/min)	Slurry Rate Avg (bbl/min)	Slurry Rate Max (bbl/min)	Pump Power Avg (hp)
79	87	88	12,813.0

Type	Des	Sand Size	Design Amount (lb)	Amount (lb)	Note
SAND	100 MESH WHITE	100 MESH		240,536.0	
SAND		100 MESH			100 MESH BROWN
SAND	40/70 WHITE	40/70		134,547.0	

Add Type	Add Subtype	Add	Purpose	Design Amount	Amount	Units	Com
ACID		HCL 15%			1,000.0	gal	
ACID INHIBITOR/RETARDER					4.0	gal	
IRON CONTROL					4.0	gal	
BIOCIDE		MC B-8614			76.0	GAL	
BREAKING AGENT		POLYBREAK 52			120.0	lb	
CLAY CONTROL		CLA-WEB II			49.0	GAL	
FRICTION REDUCER		HIFLOW 5			231.0	gal	
SURFACTANT		FDP-S1226-15			193.0	GAL	