

SABLE PERMIAN RESOURCES, LLC
Daily Completion Partner Report

Report Date 10/26/2017
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
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) 228,788	
Cum Field Est (Cost) 3,498,203		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 ENG, LUCAS MOSS, ; COMP SUPT, BEN MCCORMICK, ; CSV, TIM MILAM, ; CSV, PHILLIP ROSSI, ; CSV, KEVIN JONES, ; CSV, BOBBY KNOTT, ; CSV, DONNIE HUFFMAN,								
Daily Operations								
Operations Summary 0 EHS; 0 hrs NPT; Plug & Perforate stage 40 - 42 of 47. Frac stage 39 - 41 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	Re-Head Wire-line		No
07:00	08:15	1.25	2.25	FRAC. JOB	No	Frac Stg #39		No
08:15	11:45	3.50	5.75	STANDBY	No	Waiting on adjacent well op		No
11:45	12:15	0.50	6.25	GENERAL OPERATIONS	No	Swap to WL		No
12:15	13:45	1.50	7.75	PERFORATING	No	P/P Stg #40		No
13:45	14:45	1.00	8.75	GENERAL OPERATIONS	No	Unloading chemicals		No
14:45	15:45	1.00	9.75	FRAC. JOB	No	Frac Stg #40		No
15:45	17:15	1.50	11.25	STANDBY	No	Waiting on adjacent well op		No
17:15	18:15	1.00	12.25	GENERAL OPERATIONS	No	Swap to WL		No
18:15	19:15	1.00	13.25	PERFORATING	No	P/P Stg #41		No
19:15	21:45	2.50	15.75	STANDBY	No	Waiting on adjacent well op		No
21:45	22:45	1.00	16.75	FRAC. JOB	No	Frac Stg #41		No
22:45	01:15	2.50	19.25	STANDBY	No	Waiting on adjacent well op		No
01:15	03:15	2.00	21.25	GENERAL OPERATIONS	No	Grease WH/Zipper, Re-head WL		No
03:15	04:30	1.25	22.50	PERFORATING	No	P/P Stg #42		No
04:30	06:00	1.50	24.00	STANDBY	No	Waiting on adjacent well op		No
Safety Checks								
Time		Type			Inspected By		Description	
06:00		SAFETY MEETING			Crew		Discuss & review JSA's for WL & Frac Ops	
18:00		SAFETY MEETING			Crew		Discuss & review JSA's for WL & Frac Ops	
Plug Details								
Des		Top (ftKB)	Btm (ftKB)	OD (in)	ID (in)	Run Date	Pull Date	Com
FRAC PLUG		9,241.0	9,243.0	4.37		10/25/2017		FRAC PLUG #39
FRAC PLUG		9,030.0	9,032.0	4.37		10/25/2017		FRAC PLUG #40
Perforation Intervals								
Time	Linked Zone		Top (ftKB)		Btm (ftKB)		Shot Dens (shots/ft)	Gun Size (in)
Com								
18:16			8,834.0		9,015.0		5.0	3 1/8 Stage 41
12:17			9,045.0		9,227.0		5.0	3 1/8 Stage 40
Stimulations Summary								
Type SAND FRAC		Stim/Treat Company HALLIBURTON ENERGY SERVICES			Start Date 10/4/2017		End Date	Volume Clean Total (bbl) 190,289.00
Proppant Total (lb) 15,051,561.0								
Stimulation Details								
STAGE 39 - SAND on 10/25/2017								
Start Date 10/25/2017		Type SAND	Zone		Wellbore ORIGINAL HOLE		Stim/Treat Company HALLIBURTON ENERGY SERVICES	
Comment Stage #39. Pumped 100% of Proppant. Max Prop Con - 3.6 ppg. Pumped as per design.								
Top Depth (ftKB) 9,256.0		Bottom Depth (ftKB) 9,438.0		Proppant Designed (lb) 366,155		Propan		Volume Clean Total (bbl) 4,404.20
Volume Slurry Total (bbl) 4,810.20								
P Pre SI (psi) 1,390.0		ISIP (psi) 2,688.0		5 min SI (psi) 1983		Breakdown Pressure (psi)		Breakdown Rate (bbl/min) 7,359.0
Treat Pressure Max (psi) 7,359.0		Treat Pressure Avg (psi) 4,807.0		Frac Gradient (psi/ft) 0.80				
Slurry Rate Min (bbl/min) 82		Slurry Rate Avg (bbl/min) 90		Slurry Rate Max (bbl/min) 90		Pump Power Avg (hp) 10,604.0		
Type	Des	Sand Size		Design Amount (lb)		Amount (lb)		Note
						234,192.0		100 Mesh Brown
SAND	40/70 WHITE	40/70				64,174.0		
SAND	100 MESH WHITE	100 MESH				75,000.0		
Add Type	Add Subtype	Add		Purpose		Design Amount	Amount	Units
Com								
ACID INHIBITOR/RETARDER						4.0	4.0	
SURFACTANT						2.0	2.0	
BIOCIDE		MC B-8614					74.0	GAL
BREAKING AGENT		POLYBREAK 52					97.0	gal
CLAY CONTROL		CLA-WEB II					46.0	GAL
FRICTION REDUCER		HIFLOW 5					206.0	gal
SURFACTANT		FDP-S1226-15					185.0	GAL
STAGE 40 - SAND on 10/25/2017								
Start Date 10/25/2017		Type SAND	Zone		Wellbore ORIGINAL HOLE		Stim/Treat Company HALLIBURTON ENERGY SERVICES	
Comment Stage #40. Pumped 100% of Proppant. Max Prop Con - 3.8 ppg. Pumped as per design.								
Top Depth (ftKB) 9,045.0		Bottom Depth (ftKB) 9,227.0		Proppant Designed (lb) 366,155		Propan		Volume Clean Total (bbl) 4,364.80
Volume Slurry Total (bbl) 4,760.80								
P Pre SI (psi) 1,604.0		ISIP (psi) 2,627.0		5 min SI (psi) 2024		Breakdown Pressure (psi)		Breakdown Rate (bbl/min) 6,843.0
Treat Pressure Max (psi) 6,843.0		Treat Pressure Avg (psi) 4,949.0		Frac Gradient (psi/ft) 0.80				
Slurry Rate Min (bbl/min) 81		Slurry Rate Avg (bbl/min) 88		Slurry Rate Max (bbl/min) 89		Pump Power Avg (hp) 10,675.0		
Type	Des	Sand Size		Design Amount (lb)		Amount (lb)		Note
						25,966.0		100 Mesh Brown
SAND	40/70 WHITE	40/70				56,183.0		
SAND	100 MESH WHITE	100 MESH				283,340.0		
Add Type	Add Subtype	Add		Purpose		Design Amount	Amount	Units
Com								
ACID INHIBITOR/RETARDER						4.0	4.0	
SURFACTANT						2.0	2.0	
BIOCIDE		MC B-8614					73.0	GAL
BREAKING AGENT		POLYBREAK 52					95.0	gal
CLAY CONTROL		CLA-WEB II					46.0	GAL
FRICTION REDUCER		HIFLOW 5					205.0	gal
SURFACTANT		FDP-S1226-15					183.0	GAL

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Stimulation Details							
STAGE 41 - SAND on 10/25/2017							
Start Date 10/25/2017	Type SAND	Zone	Wellbore ORIGINAL HOLE	Stim/Treat Company HALLIBURTON ENERGY SERVICES		Comment Stage #41. Pumped 100% of Proppant. Max Prop Con - 3.7 ppg. Pumped as per design.	
Top Depth (ftKB) 8,834.0	Bottom Depth (ftKB) 9,015.0	Proppant Designed (lb) 366,155	Propant Placed (lb) 371,388	Volume Clean Total (bbl) 4,701.00		Volume Slurry Total (bbl) 5,104.00	
P Pre SI (psi) 1,659.0	ISIP (psi) 2,413.0	5 min SI (psi) 1900	Breakdown Pressure (psi)	Breakdown Rate (bbl/min)	Treat Pressure Max (psi) 7,153.0	Treat Pressure Avg (psi) 4,931.0	Frac Gradient (psi/ft) 0.76
Slurry Rate Min (bbl/min) 82		Slurry Rate Avg (bbl/min) 90		Slurry Rate Max (bbl/min) 90		Pump Power Avg (hp) 10,878.0	
Type	Des	Sand Size	Design Amount (lb)	Amount (lb)		Note	
	100 MESH WHITE	100 MESH		200,174.0			
SAND		100 MESH		109,360.0		100 Mesh Brown	
SAND	40/70 WHITE	40/70		61,854.0			
Add Type	Add Subtype	Add	Purpose	Design Amount	Amount	Units	Com
ACID INHIBITOR/RETARDER				4.0	4.0		
SURFACTANT				2.0	2.0		
BIOCIDE		MC B-8614			73.0	GAL	
BREAKING AGENT		POLYBREAK 52			116.0	gal	
CLAY CONTROL		CLA-WEB II			40.0	GAL	
FRICTION REDUCER		HIFLOW 5			158.0	gal	
SURFACTANT		FDP-S1226-15			185.0	GAL	