

SABLE PERMIAN RESOURCES, LLC
Daily Completion Partner Report

Report Date 10/20/2017
AFE # 1550466
Total AFE 4,547,178

UNIVERSITY 11 RE 932HA
WELL NO. 156

API 42383398290000	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 1550466		Supplemental AFE Number		Daily Field Est (Cost) 135,748		Cum Field Est (Cost) 2,803,287							
Number of Stages (ft) 46		Lateral Length (ft) 9,965		Time Since LTI (days)		Time Since Reportable Incident (days)							
Daily Contacts													
Contacts COMP SUPT, BEN MCCORMICK, ; COMP ENG, CORLEY WALTERS, ; CSV, MICAH FALGOUT, ; CSV, PHILLIP ROSSI, ; CSV, CHRIS COBB, ; CSV, TIM MILAM, ; COMP ENG, LUCAS MOSS,													
Daily Operations													
Operations Summary 0 EHS; xxx hrs NPT; NPT due to 931HS wing valve replacement at time of report, P/P Stage 30 - xx of 47, Frac Stage 29 - 30 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	DOWNTIME	No	Replacing wing valve on 931HS.			No				
07:00	08:30	1.50	2.50	STANDBY	No	Wait on SIM OPS. WL and frac adjacent wells.			No				
08:30	09:15	0.75	3.25	GENERAL OPERATIONS	No	Grease zipper manifold.			No				
09:15	09:30	0.25	3.50	RIG UP/DOWN	No	Swap to Frac.			No				
09:30	10:45	1.25	4.75	FRAC. JOB	No	Frac Stage 29.			No				
10:45	11:15	0.50	5.25	RIG UP/DOWN	No	Swap to WL.			No				
11:15	15:15	4.00	9.25	PERFORATING	No	P/P Stage 30.			No				
15:15	15:45	0.50	9.75	RIG UP/DOWN	No	Swap to Frac.			No				
15:45	17:30	1.75	11.50	FRAC. JOB	No	Frac Stage 30.			No				
17:30	20:00	2.50	14.00	STANDBY	No	SIM ops. Frac adjacent well.			No				
20:00	22:00	2.00	16.00	GENERAL OPERATIONS	No	Grease Zipper and Well heads/ Perform pump maintenance			No				
22:00	23:00	1.00	17.00	DOWNTIME	No	Waiting for sand			Yes				
23:00	00:00	1.00	18.00	PERFORATING	No	P/P Stage 31			No				
00:00	00:00		18.00	STANDBY	No	SIM ops. Frac adjacent well.			No				
NPT													
Type		Subtype		Des		Start Date		End Date	Failed Item	Accountable Party	Dur (Net) (hr)		
SURFACE EQUIPMENT		FRAC		Waiting for sand		10/19/2017 22:00		10/19/2017 23:00		HALLIBURTON	1.00		
Safety Checks													
Time		Type			Inspected By			Description					
06:00		SAFETY MEETING			Crew			Discuss & review JSA's for WL & Frac Ops					
18:00		SAFETY MEETING			Tim Milam/ Micah Falgout			Trip Hazzards and Speed Limit on lease- Communication, & Job Assignments					
Drill String													
Drill String Name FISHING ASSEMBLY								BHA No 1		Bit Run			
Current BHA Components													
BHA No	Item Description			Make		OD (in)	ID (in)	Length (ft)	Jts	Fish Neck OD (in)	FN Len (ft)	Tally Len (ft)	
1	CUT LIP GUIDE					4 3/8		0.82	1				
1	OVERSHOT					4.37		3.13	1				
1	BOWL WITH GRAPPLE					4 3/8		4.33	1				
1	OVERSHOT					4 3/8		1.13	1				
1	XO SUB					3 1/8		0.75	1				
1	HYDRAULIC DISCONNECT 1					2.88		1.12	1				
1	INDEXING TOOL					2.88		4.89	1				
1	JARS					2.88		5.85	1				
1	BP VALVE					2.88		0.94	1				
1	COIL CONNECTOR					3.06		0.30	1				
Drill String Name FISHING ASSEMBLY								BHA No 2		Bit Run			
Current BHA Components													
BHA No	Item Description			Make		OD (in)	ID (in)	Length (ft)	Jts	Fish Neck OD (in)	FN Len (ft)	Tally Len (ft)	
2	CUT LIP GUIDE					4 3/8		0.82	1				
2	OVERSHOT					4.37		3.33	1				
2	TOP SUB					4 3/8		1.13	1				
2	XO SUB					3 1/8		0.75	1				
2	HYDRAULIC DISCONNECT 1					2.88		1.12	1				
2	INDEXING TOOL					2.88		4.89	1				
2	JARS					2.88		4.85	1				
2	BP VALVE					2.88		0.94	1				
2	COIL CONNECTOR					3.06		0.30	1				
Plug Details													
Des		Top (ftKB)	Btm (ftKB)	OD (in)	ID (in)	Run Date	Pull Date	Com					
FRAC PLUG		11,323.0	11,325.0	4.37		10/19/2017		Frac Plug #30					
Perforation Intervals													
Time	Linked Zone			Top (ftKB)		Btm (ftKB)		Shot Dens (shots/ft)		Gun Size (in)		Com	
23:48				11,125.0		11,308.0		5.0		3 1/2		Stg 31	
13:50				11,338.0		11,522.0		5.0		3 1/2		Stg 30	
Stimulations Summary													
Type SAND FRAC		Stim/Treat Company HALLIBURTON ENERGY SERVICES			Start Date 10/4/2017		End Date		Volume Clean Total (bbl) 137,963.00		Proppant Total (lb) 10,937,286.0		
Stimulation Details													
STAGE 29 - SAND on 10/19/2017													
Start Date 10/19/2017		Type SAND		Zone		Wellbore ORIGINAL HOLE		Stim/Treat Company HALLIBURTON ENERGY SERVICES		Comment Stage #29. Pumped 100% of Proppant. Max Prop Con - 4.00 ppg. Stage pumped per design.			
Top Depth (ftKB) 11,764.0		Bottom Depth (ftKB) 11,949.0		Proppant Designed (lb) 366,155		Propannt Placed (lb) 369,742		Volume Clean Total (bbl) 4,411.70		Volume Slurry Total (bbl) 4,813.30			
P Pre SI (psi) 1,922.0		ISIP (psi) 3,341.0		5 min SI (psi) 2828		Breakdown Pressure (psi)		Breakdown Rate (bbl/min) 7,004.0		Treat Pressure Max (psi) Treat Pressure Avg (psi) 5,289.0		Frac Gradient (psi/ft) 0.89	
Slurry Rate Min (bbl/min) 89				Slurry Rate Avg (bbl/min) 90				Slurry Rate Max (bbl/min) 90				Pump Power Avg (hp) 11,868.0	
Type		Des		Sand Size		Design Amount (lb)		Amount (lb)		Note			
SAND		100 MESH WHITE		100 MESH				71,496.0					
SAND				100 MESH				237,860.0		100 MESH BROWN			
SAND		40/70 WHITE		40/70				60,386.0					
Add Type		Add Subtype		Add		Purpose		Design Amount		Amount		Units	Com
BIOCIDE				MC B-8614						74.0		gal	
BREAKING AGENT				POLYBREAK 52						95.0		gal	
CLAY CONTROL				CLA-WEB II						46.0		gal	
FRICTION REDUCER				HIFLOW 5						206.0		gal	
SURFACTANT				FDP-S1226-15						184.0		gal	

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Stimulation Details							
STAGE 30 - SAND on 10/19/2017							
Start Date 10/19/2017	Type SAND	Zone	Wellbore ORIGINAL HOLE	Stim/Treat Company HALLIBURTON ENERGY SERVICES		Comment Stage #30. Pumped 100% of Proppant. Max Prop Con - 4.00 ppg. Cut sand when psi increased due to fluid issues.	
Top Depth (ftKB) 11,338.0	Bottom Depth (ftKB) 11,522.0	Proppant Designed (lb) 366,155	Propant Placed (lb) 365,666	Volume Clean Total (bbl) 4,624.20		Volume Slurry Total (bbl) 5,021.20	
P Pre SI (psi) 2,109.0	ISIP (psi) 3,053.0	5 min SI (psi) 2608	Breakdown Pressure (psi)	Breakdown Rate (bbl/min)	Treat Pressure Max (psi) 8,058.0	Treat Pressure Avg (psi) 5,699.0	Frac Gradient (psi/ft) 0.85
Slurry Rate Min (bbl/min) 79		Slurry Rate Avg (bbl/min) 90		Slurry Rate Max (bbl/min) 90		Pump Power Avg (hp) 12,572.0	
Type	Des	Sand Size	Design Amount (lb)	Amount (lb)			Note
SAND	40/70 WHITE	40/70		56,139.0			
SAND	100 MESH WHITE	100 MESH		218,338.0			
SAND		100 MESH		91,189.0			100 MESH BROWN
Add Type	Add Subtype	Add	Purpose	Design Amount	Amount	Units	Com
BIOCIDE		MC B-8614			78.0	gal	
BREAKING AGENT		POLYBREAK 52			105.0	gal	
CLAY CONTROL		CLA-WEB II			48.0	gal	
FRICTION REDUCER		HIFLOW 5			219.0	gal	
SURFACTANT		FDP-S1226-15			194.0	gal	
Tubing Run							
Run Date 10/16/2017	Tubing Description TUBING - COILED		Set Depth (ftKB)	Max Nominal OD (in) 2 3/8	Weight/Length (lb/ft)		String Grade