

SABLE PERMIAN RESOURCES, LLC

Daily Completion Partner Report

Report Date 10/19/2017

AFE # 1550466

Total AFE	4,547,178
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UNIVERSITY 11 RE 932HA
WELL NO. 156

PIPI 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) 222,987		Cum Field Est (Cost) 2,717,079		
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; 11.5 hrs NPT; Downtime waiting on 932 Fishing Ops, P/P Stage 27-29 of 47, Frac Stage 27- 28 of 47. NPT due to 931 wing valve replacement at time of report										
Planned Operations Replacing wing valve on 931										
Time Log										
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Activity	Inactive?	Comments			Unschd Type	NPT
06:00	06:45	0.75	0.75	DOWNTIME	No	Finish RDMO CTU.				Yes
06:45	08:30	1.75	2.50	DOWNTIME	No	MIRU WL.				Yes
08:30	09:00	0.50	3.00	DOWNTIME	No	Function test WL BOP's, accumulator for frac stack, NU WL BOP's.				Yes
09:00	09:15	0.25	3.25	DOWNTIME	No	Prime up & pressure test.				Yes
09:15	09:45	0.50	3.75	DOWNTIME	No	Ran 9 cp sweep @ 70 bpm				Yes
09:45	11:30	1.75	5.50	DOWNTIME	No	Mic gun string. Pick up Lubricator and swap to WL				Yes
11:30	13:30	2.00	7.50	DOWNTIME	No	P/P Stage 27.				Yes
13:30	14:15	0.75	8.25	PRESSURE TEST	No	Prime up & pressure test.				No
14:15	15:45	1.50	9.75	FRAC. JOB	No	Frac Stage 27.				No
15:45	17:00	1.25	11.00	STANDBY	No	Wait on SIM OPS. WL and frac adjacent wells.				No
17:00	18:30	1.50	12.50	PERFORATING	No	P/P Stage 28				No
18:30	22:30	4.00	16.50	STANDBY	No	Wait on SIM OPS. WL and frac adjacent wells.				No
22:30	23:30	1.00	17.50	FRAC. JOB	No	Frac Stage 28.				No
23:30	01:00	1.50	19.00	STANDBY	No	Wait on SIM OPS. WL and frac adjacent wells.				No
01:00	02:00	1.00	20.00	PERFORATING	No	P/P Stage 29				No
02:00	06:00	4.00	24.00	DOWNTIME	No	Replace Hydr valve on pumpdown wing 931 HS				Yes
NPT										
Type		Subtype	Des			Start Date	End Date	Failed Item	Accountable Party	Dur (Net) (hr)
DOWNHOLE EQUIPMENT		WIRELINE	Fishing Ops			10/16/2017 08:30	10/18/2017 13:30		PRO OIL AND GAS SERVICES LLC	53.00
SURFACE EQUIPMENT		WELLHEAD	Leaking hydr valve on pumpdown wing			10/19/2017 02:00	10/19/2017 06:00		COMPLETION EQUIPMENT RENTAL INC	4.00
Safety Checks										
Time		Type				Inspected By		Description		
06:00		SAFETY MEETING				Crew		Discuss & review JSA's for RDMO CTU, WL & Frac Ops		
18:00		SAFETY MEETING				Crew		PJSM Trip Hazzards and Speed Limit on lease		
Drill String										
Drill String Name COILED TUBING								BHA No 1	Bit Run	
Plug Details										
Des		Top (ftKB)	Btm (ftKB)	OD (in)	ID (in)	Run Date	Pull Date	Com		
FRAC PLUG		12,172.0	12,174.0	4.37		10/18/2017		Frac Plug #26		
FRAC PLUG		11,960.0	11,962.0	4.37		10/18/2017		Frac Plug #27		
FRAC PLUG		11,551.0	11,553.0	4.37		10/19/2017		Frac Plug #28		
Perforation Intervals										
Time	Linked Zone		Top (ftKB)		Btm (ftKB)		Shot Dens (shots/ft)		Gun Size (in)	Com
02:56			11,551.0		11,734.0		5.0		3 1/2	Stg 29
17:40			11,764.0		11,947.0		5.0		3 1/2	Stg 28
13:00			11,977.0		12,161.0		5.0		3 1/2	Stg 27
Stimulation Summary										
Type SAND FRAC		Stim/Treat Company HALLIBURTON ENERGY SERVICES			Start Date 10/4/2017		End Date		Volume Clean Total (bbl) 128,927.10	Proppant Total (lb) 10,201,878.0
Stimulation Details										
STAGE 27 - SAND on 10/18/2017										
Start Date 10/18/2017	Type SAND	Zone		Wellbore ORIGINAL HOLE	Stim/Treat Company HALLIBURTON ENERGY SERVICES			Comment Stage #27. Pumped 100% of Proppant. Max Prop Con - 3.60 ppg. Stage pumped per design.		
Top Depth (ftKB) 11,977.0	Bottom Depth (ftKB) 12,162.0	Proppant Designed (lb) 366,155		Propanpt Placed (lb) 368,669	Volume Clean Total (bbl) 4,252.60			Volume Slurry Total (bbl) 4,442.50		
P Pre SI (psi) 1,318.0	ISIP (psi) 3,619.0	5 min SI (psi) 3076		Breakdown Pressure (psi)	Breakdown Rate (bbl/min)	Treat Pressure Max (psi) 7,050.0	Treat Pressure Avg (psi) 5,656.0		Frac Gradient (psi/ft) 0.93	
Slurry Rate Min (bbl/min) 80		Slurry Rate Avg (bbl/min) 90			Slurry Rate Max (bbl/min) 90			Pump Power Avg (hp) 12,290.0		
Type	Des	Sand Size		Design Amount (lb)	Amount (lb)			Note		
SAND	100 MESH WHITE	100 MESH			310,719.0					
SAND	40/70 WHITE	40/70			57,950.0					
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				84.0	GAL			
BREAKING AGENT		POLYBREAK 52				161.0	gal			
CLAY CONTROL		CLA-WEB II				52.0	GAL			
FRICTION REDUCER		HIFLOW 5				209.0	gal			
SURFACTANT		FDP-S1226-15				238.0	GAL			
STAGE 28 - SAND on 10/18/2017										
Start Date 10/18/2017	Type SAND	Zone		Wellbore ORIGINAL HOLE	Stim/Treat Company HALLIBURTON ENERGY SERVICES			Comment Stage #28. 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		Propanpt Placed (lb) 369,047	Volume Clean Total (bbl) 4,333.80			Volume Slurry Total (bbl) 4,734.80		
P Pre SI (psi) 2,131.0	ISIP (psi) 3,669.0	5 min SI (psi) 3022		Breakdown Pressure (psi)	Breakdown Rate (bbl/min)	Treat Pressure Max (psi) 6,289.0	Treat Pressure Avg (psi) 5,380.0		Frac Gradient (psi/ft) 0.94	
Slurry Rate Min (bbl/min) 85		Slurry Rate Avg (bbl/min) 90			Slurry Rate Max (bbl/min) 91			Pump Power Avg (hp) 11,868.0		
Type	Des	Sand Size		Design Amount (lb)	Amount (lb)			Note		
SAND	100 MESH WHITE	100 MESH			63,220.0					
SAND		100 MESH			245,945.0			100 MESH BROWN		
SAND	40/70 WHITE	40/70			59,882.0					
Add Type	Add Subtype	Add		Purpose	Design Amount	Amount	Units	Com		
BIOCIDE		MC B-8614				71.0	gal			
BREAKING AGENT		POLYBREAK 52				88.0	gal			
CLAY CONTROL		CLA-WEB II				44.0	gal			
FRICTION REDUCER		HIFLOW 5				206.0	gal			

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Add Type	Add Subtype	Add	Purpose	Design Amount	Amount	Units	Com
SURFACTANT		FDP-S1226-15			180.0	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