

30-045-31972 Patina San Juan, Inc. DAILY OPERATIONS REPORT

Lease Name & Well Number Pan American State #1R		Report date: 09/03/04 Report time: 0700 Hrs	Purpose: Complete Point Lookout & Menefee Zone of interest:	Operation Type Completion ☒ X Recompletion ☐ Workover ☐
Report #: 3	AFE #: 111641	RKB: 12.00		
Supervisor: K Stills Phone #: Fax #:	Formation: Dakota Perfs: 6034-6662	Formation: Mesaverde Perfs: Pt. Lookout 4488-4578 Menefee 4302-4460		
Plug Back Depth: 8,977 Packer Depth:				
SITP: @ SICP: @	Tubing Data: Casing Data:			

Last 24 Hour Activity Summary

Set CIBP at 4475 ft. Pressure test CIBP and perforate the Menefee formation. Acidize with 1,000gal 15% HCl and frac with 4275 bbl slick 2%KCl water, 181,260# of 20/40 sand at 70 bpm. ISIP: 1730psi, 15min: 1545psi. Open well on 24/64" choke. Flow well overnight.

Last 24 Hour Activity Detail

Time		Elapsed	Description
From	To	Time	
7:00	10:00	3:00	RU wireline truck. RIH and set a 4 1/2" CIBP at 4475 ft. Fill casing with 2% KCL water and pressure test CIBP at 1000 PSI. Hold 10 minutes. Perforate the Menefee formation with a 3 1/8" casing gun - 120 degree phasing. RO wireline truck.
10:00	13:30	3:30	RU frac equipment and acidize and frac the Menefee perfs. RO frac equipment. RU flow line.
13:30	18:00	4:30	Flow well back on 24/64 choke (had 1420 PSI when started flowing). At 18:00 hours, we have flowed back approximately 600 bbls of fluid - 700 PSI on the casing.
18:00	6:00	12:00	Log off at midnight. Recover 780bbl water. 3,490 BLTR.
			Frac Job
			Menefee Perforation
			Total Sand 180,260# 4302 4323 4435
			Max Pressure 5020 PSI 4304 4325 4437
			Avg Pressure 4000 PSI 4306 4327 4450
			Max Rate 71.6 BPM 4312 4329 4458
			Avg Rate 66 BPM 4314 4390 4460
			ISIP 1730 PSI 4318 4392
			5 Min 1629 PSI
			10 Min 1575 PSI
			15 Min 1545 PSI
Total hours:		23:00	

Comments

Projected 24 Hours

Costs

Daily Cost	Total Operation Cost	AFE Operation Cost	Total Well Cost	AFE Total Cost
\$103,426	\$137,225	\$0	\$680,874	\$0

Patina San Juan, Inc.

Lease Name & Well Number Pan American State #1R		Report date: 09/04/04 Report time: 0700 Hrs		Purpose: Complete Point Lookout & Menefee		Operation Type Completion ☒ X Recompletion ☐ Workover ☐	
Report #: 4		AFE #: 111641		RKB: 12.00			
Supervisor: K Stills Phone #: Fax #:		Formation: Dakota Perfs: 6034-6862		Formation: Mesaverde Perfs: Pt. Lookout 4488-4758 Menefee 4302-4460			
Plug Back Depth: 6,977 Packer Depth:							
SITP: @ SICP: @		Tubing Data:		Casing Data:			

Last 24 Hour Activity Summary

Trip in hole with mill on 2 3/8" workstring. Tag fill at 4350'. Clean out fill. Mill out CIBP at 4475 ft. Tag fill at 4709'. Clean out fill to CIBP at 4950 ft. Pull above liner and circulate and flow. Flowback lines washed out. SIFN. Recover 920bbl water with sand. 2570 BLTR.

Last 24 Hour Activity Detail

Time		Elapsed Time	Description
From	To		
7:00	16:00	9:00	PU a mill, drill collars and RIH - PU 2 3/8" work string to 2800 ft. RU air package and circulate water from the casing. Relieved the hydrostatic and circulated up a total of 420 bbls. RIH to 4350 ft. (top of fill)
			Clean out to the top of CIBP at 4475 ft. Mill out CIBP. Sweep casing. Circulate casing clean. Well brought approximately 200 bbls of water with heavy sand in 2 hours.
16:00	19:30	3:30	RIH to 4709 ft. (top of fill). Clean out to CIBP at 4950 ft. with air mist. Sweep casing 3 times. Pull tubing to top of liner.
18:30	21:15	1:45	Lines to flowback tank washed out. SIFN. Recover 920bbl water with sand. 2570 BLTR.
Total hours:		14:15	

Comments

Projected 24 Hours

Costs

Daily Cost	Total Operation Cost	AFE Operation Cost	Total Well Cost	AFE Total Cost
\$8,550	\$145,775	\$0	\$589,424	\$0