



Energen Resources Corp.

605 Richard Arrington Blvd.

Birmingham, AL 35205

(800) 292-4005

R E S O U R C E S

Wellwork AFE Daily Report

Date : 8/8/2014

Well Name : UNIVERSITY -20- 4701					
Prospect:	EEX			AFE #:	PB080613
Sec/Twp/Rge:	47 / /			AFE Total:	\$666,900
API #:	4247535473	Field:	R-WINK , S. (WOLFCA	Daily Cost:	\$274,362
Work Type:	Re-Completion	County , St.:	WARD, TX	Project Cost:	\$702,622
Operator:	gen Resources Corpora	Supervisor:	Mike Langston	This AFE Cost:	\$767,030
Rig Name:		Phone:		Total with Assoc:	\$767,030
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:
Daily Detail : University Blk. 20 4701 (Work over to add perfs and acidize)					
<p>Morning report for 8/8/14. Operations report for 8/7/14.</p> <p>Held PJSM w/crew. TP 35 psig. CP 0 psig. MIRU Propetro pump and equipment. Open up acid tanks manifold. Roll acid tanks. RU lines. Test lines to 8 ,800. Tst OK. Released press. Pump truck pressure up on annulus to 500 psig. Hold pressure and monitor same. Packer set @ 10614'. OW: 35 psig. Start up, Initial injection: 7.2 bpm @ 4,620 psig. Establish injection rate: 7 bpm @3,800 psig. Start 1st stage acid Acidized exsisting perfs from 11,676'-11,682'; 11992,-11,998'; 12,300'-12314'; 12,600'-12,614'; 12,900'-914', & new perfs from 12,450'-12,453', 12,750'-12,753', & 13,030'-13,033 as follows:</p> <ol style="list-style-type: none"> 1. Acid 15% HCL Xylene - 8,750 gals / 208 bbls 2. Proppant Xlinked Gel-Salt - 238 bbls w/10,000#Rock Salt 3. Acid 15% HCL Xylene - 8,750 gals / 208 bbls 4. Proppant Xlinked Gel-Salt - 238 bbls w/10,000#Rock Salt SD. Pump, overheat. Start pump 2 5. Acid 15% HCL Xylene - 8,750 gals / 208 bbls 6. Proppant Xlinked Gel-Salt - 238 bbls w/10,000#Rock Salt . 7. Acid 15% HCL Xylene - 8,750 gals / 208 bbls 8. Proppant Xlinked Gel-Salt - 238 bbls w/10,000#Rock Salt SD Move pump forward due to over heating. 9. Acid 15% HCL Xylene - 8,750 gals / 208 bbls 10. Proppant Xlinked Gel-Salt - 238 bbls w/10,000#Rock Salt 11. Acid 15% HCL Xylene - 8,750 gals / 208 bbls Blew Packing. SD pump. (170 /208 bbls) Swap pmps. Flush tubing to perf 13033. Wait on pump replacment. Pump arrived and rigged up @ 19:30 hrs. OW 1400 psi. Can not get rate. SD pump and inspect. Missing vls and seats. Wait on delivery of valves and seats and replace. OWU 23:44 hrs. 14 psi. Establish injection 10.6 @ 2914, Start stage 12. 12. Proppant Xlinked Gel-Salt - 238 bbls w/10,000#Rock Salt 13. Acid 15% HCL Xylene - 8,750 gals / 208 bbls 14. Proppant Xlinked Gel-Salt - 193 bbls w/68,106#Rock Salt 15. Acid 15% HCL Xylene - 6,636 gals / 158 bbls 16. Flush 2% KCL - 4,074 gals / 97 bbls <p>ISIP- 2,917 psig 5 min - 2,394 psig 10 min - 000 psig 15 min - 000 psig ATP 4,100 psig AIR - 10.0 BPM</p> <p>Total load. 3,462 bbls. Total acid pumped - 1,614 bbls 15% Xylene . Total linear pumped - 1,602 bbls. FW=25 bbls. Total 2% KCl pumped - 221 bbls. Dropped 68,106# Rock salt course grade. BWLTR: (Note:) 223 load backside. Previous 1,394 bbls. + acid job = TL BWLTR: 5,079 bbls. Daily Costs: \$ 274,362.00* Cumulative Costs: \$702,622 *Acid job proposed. Actual ticket cost to be reduced.</p>					

Report Date	Well User ID	Well Name	Supervisor	Primary Activity	Daily Costs	Cum Costs
8/8/2014	43UNI204701	UNIVERSITY -20- 4701	Mike Langston	Acidize	\$274,362	\$702,622



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Daily Cost Details					
Cost Type	Code	Vendor	Remarks	Daily Exp	Cum Exp
WOE - COMPANY SUPE	20.810.020	MEL Consulting LLC	Supervision	\$1,700	\$20,400
WOE - EQUIPMENT REN	20.810.110	Frac Tank Rentals	Test tanks,(1) acid tanks,(4) wa	\$1,100	\$136,170
WOE - EQUIPMENT REN	20.810.110	Reliabe	Vacuum trucks. (1) Haul water t	\$700	\$136,170
WOE - EQUIPMENT REN	20.810.110	Reliable	Pump truck. Hold 500 psi on ba	\$1,100	\$136,170
WOE - ACIDIZING	20.810.120	Propetro	(2) pumps, blender and crew.	\$231,887	\$231,887
WOE - MATERIALS & PA	20.810.130	Sooner Pipe, L.L.P.	2 7/8" 6.5#/ft. L80	\$35,375	\$35,375
WOE - WELL SERVICE	20.810.160	Mercer Well Service	WO Rig # 137 (Standby)	\$2,500	\$271,140
Total for WORKOVER OPERATING EXPENSE-810:				\$274,362	\$702,622
Daily / Well Cumulative Total:				\$274,362	
Total Project Cost:					\$702,622

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8/8/2014	43UNI204701	UNIVERSITY -20- 4701	Mike Langston	Acidize	\$274,362	\$702,622