



**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 : 8/26/2014

Well Name : UNIVERSITY 43-18 4H					
Prospect:	Sandridge			AFE #:	PB031514
Sec/Twp/Rge:	43 / /			AFE Total:	\$6,834,750
API #:	4247536680	Field:	GEORGES (BONE SP	Daily Cost:	\$10,500
Work Type:	Completion	County , St.:	WARD, TX	Project Cost:	\$446,400
Operator:	gen Resources Corpora	Supervisor:	ell Simmons / Mike Lar	This AFE Cost:	\$967,200
Rig Name:		Phone:		Total with Assoc:	\$967,200
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:
Daily Detail : University 43-18 #4H (Completion)					
<p>Morning Report for 8/26/14. Operations Report for 8/25/14.</p> <p>Held PJSM w/All personnel on location. SICP 2,250 psig. Prime up pmps PT lines/frac stack to 9,500 psig. Tst OK. Rlsd press. Set pump kick outs @ 8,500 psig &amp; test. Tst OK. Set N2 Pop Off @ 9,000 psig &amp; test. Tst OK. SICP 2250 psig. Equalize lines. OWU. EIR into Trigger Toe sleeve @ 20 BPM &amp; @ 5,754 psig. SD pumps. RU WL Lubricator &amp; BOP's. PT lubricator &amp; BOP's to 8,000 psig. Tst OK. Released press down to 4,400 psig. OWU.</p> <p>WL Stage 1</p> <p>Pump down: 13.3 bpm at 5293 max psig using 144bbls</p> <p>Pulling guns into zone @ 20ft/minand perforate as follows:</p> <p>15329 - 15330' (9), 15526 - 15527' (9), 15183 - 15184' (9), and 15110 - 15111' (9).</p> <p>with 3-1/8" cased guns loaded w/Owen SDP-3375-311NT 21.5 gram charge w/.42" hole &amp; 35.6" penetration / 6 JSPF @60 degree phasing.</p> <p>Correlate DV tool &amp; TOL to Apollo Wireline CBL ran on 8/2/14. POOH w/WL. Check guns. All guns fired.</p> <p>Frac Stage 1</p> <p>OWU: 4323 psi.</p> <p>Pump 2520 gals of 15% HCL - 3890 bbls (Clean) pumped</p> <p>ISIP: 5412 psi. FG: 0.92 psi/ft 5 min: 5212 psi</p> <p>MP: 8183 psi MR: 81.2 bpm AP: 7424.26 psi AR: 76.18 bpm MPC: 34,000 ppg</p> <p>Total 100 Mesh: 5,000 lbs. Tot 20/40 Ottawa: 186,000 lbs. Total 20/40 OilPlus: 34,000 lbs.</p> <p>OFFSET WELL: University 17-18-1 - 500 psig</p> <p>OFFSET WELL: University 43-18-1 - 0.0 psig</p> <p>OFFSET WELL: University 43-18-3 - 1,250 psig</p> <p>WL Stage 2</p> <p>Pump down: 7 bpm at 5047 max psi using 77bbls</p> <p>Set Boss Hog 4- 1/2 inch un-caged CFP at 15068'. PUH pulling guns into zone @ 20ft/min and perforate as follows:</p> <p>15037 - 15038' (9), 14964 - 14965' (9), 14892 - 14893' (9), and 14818 - 14819' (9).</p> <p>with 3-1/8" cased guns loaded w/Owen SDP-3375-311NT 21.5 gram charge w/.42" hole &amp; 35.6" penetration / 6 JSPF @60 degree phasing.</p> <p>Correlate DV tool &amp; TOL to Apollo Wireline CBL ran on 8/2/14.</p> <p>POOH w/WL. Check guns. All guns fired.</p> <p>Frac Stage 2</p> <p>OWU: 4421 psi Break at 5463 psi at 20 bpm</p> <p>Pump 2604 gals of 15% HCL - 3982 bbls (Clean) pumped</p> <p>ISIP: 5267 psi FG: 0.91 psi/ft 5 min: 4913 psi</p> <p>MP: 8701 psi MR: 79.34 bpm AP: 7606 psi AR: 77.85 bpm MPC: 34000 ppg</p> <p>Total 100 Mesh: 5000 lbs. Tot 20/40 Ottawa: 186400 lbs. Total 20/40 CRC Excel: 34000 lbs.</p> <p>OFFSET WELL: University 17-18-1 - 500 psig</p>					

Report Date	Well User ID	Well Name	Supervisor	Primary Activity	Daily Costs	Cum Costs
8/26/2014	43UNI431804	UNIVERSITY 43-18 4H	Simmons / Mike	Start frac operations	\$10,500	\$446,400



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Date : 8/26/2014

OFFSET WELL: University 43-18-1 - 0 psig□□□□□□  
 OFFSET WELL: University 43-18-3 - 1250 psig□□□□□□ □□□□□□  
 WL Stage 3□□□□□□  
 Pump down: 7 bpm at 4838 max psi using 64bbls□□□□□□  
 Set Boss Hog 4- 1/2 inch un-caged CFP at 14776'. PUH pulling guns into zone @ 20ft/min and perforate as follows:□□□□□□  
 14745 - 14746' (9), 14672 - 14673' (9), 14599 - 14600' (9), and 14526 - 14527' (9).□□□□□□  
 with 3-1/8" cased guns loaded w/Owen SDP-3375-311NT 21.5 gram charge w/.42" hole & 35.6" penetration / 6 JSPF @60 degree phasing.□□□□□□  
 Correlate DV tool & TOL to Apollo Wireline CBL ran on 8/2/14. □□□□□□  
 POOH w/WL. Check guns. All guns fired. □□□□□□  
 Frac Stage 3□□□□□□  
 OWU: 4409 psi Break at 5950 psi at 18.7 bpm□□□□□□  
 Pump 2461 gals of 15% HCL - bbls (Clean) pumped□□□□□□  
 ISIP: 5277 psi FG: 0.91 psi/ft 5 min: 4926 psi□□□□□□  
 MP: 8098 psi MR: 81.26 bpm AP: 7430.18 psi AR: 80.22 bpm MPC: 33780 ppg□□□□□□  
 Total 100 Mesh: 5080 lbs. Tot 20/40 White: lbs. Total 20/40 Oil Plus: 33780 lbs.□□□□□□  
 OFFSET WELL: University 17-18-1 500 psig□□□□□□  
 OFFSET WELL: University 43-18-1 0 psig□□□□□□  
 OFFSET WELL: University 43-18-3 1250 psig□□□□□□  
 WL Stage 4□□□□□□  
 Pump down: 7 bpm at 5025 max psi using 53bbls□□□□□□  
 Set Boss Hog 4- 1/2 inch un-caged CFP at 14484'. PUH pulling guns into zone @ 20ft/min and perforate as follows:□□□□□□  
 14453 - 14454' (9), 14380 - 14381' (9), 14307 - 14308' (9), and 14234 - 14235' (9).□□□□□□  
 with 3-1/8" cased guns loaded w/Owen SDP-3375-311NT 21.5 gram charge w/.42" hole & 35.6" penetration / 6 JSPF @60 degree phasing.□□□□□□  
 Correlate DV tool & TOL to Apollo Wireline CBL ran on 8/2/14. □□□□□□  
 POOH w/WL. Check guns. All guns fired. □□□□□□  
 Frac Stage 4□□□□□□  
 OWU: 4435 psi Break at 6459 psi at 18 bpm□□□□□□  
 Pump 2529 gals of 15% HCL - 3934 bbls (Clean) pumped□□□□□□  
 ISIP: 5463 psi FG: 0.93 psi/ft 5 min: 4986 psi□□□□□□  
 MP: 8121.68 psi MR: 81.78 bpm AP: 7310.04 psi AR: 79.56 bpm MPC: 34000 ppg□□□□□□  
 Total 100 Mesh: 5000 lbs. Tot 20/40 White: lbs. Total 20/40 Oil Plus: 34000 lbs.□□□□□□  
 OFFSET WELL: University 17-18-1 500 psig□□□□□□  
 OFFSET WELL: University 43-18-1 0 psig□□□□□□  
 OFFSET WELL: University 43-18-3 1250 psig□□□□□□  
 WL Stage 5□□□□□□  
 Pump down: 7 bpm at 4850 max psi using 61bbls□□□□□□  
 Set Boss Hog 4- 1/2 inch un-caged CFP at 14192'. PUH pulling guns into zone @ 20ft/min and perforate as follows:□□□□□□  
 14161 - 14162' (9), 14088 - 14089' (9), 14015 - 14016' (9), and 13942 - 13943' (9).□□□□□□  
 with 3-1/8" cased guns loaded w/Owen SDP-3375-311NT 21.5 gram charge w/.42" hole & 35.6" penetration / 6 JSPF @60 degree phasing.□□□□□□  
 Correlate DV tool & TOL to Apollo Wireline CBL ran on 8/2/14. □□□□□□  
 POOH w/WL. Check guns. All guns fired. □□□□□□  
 Frac Stage 5□□□□□□  
 OWU: 4421 psi Break at 6075 psi at 18 bpm□□□□□□  
 Pump 2501 gals of 15% HCL - 3938 bbls (Clean) pumped□□□□□□  
 ISIP: 5318 psi FG: 0.91 psi/ft 5 min: 4812 psi□□□□□□  
 MP: 8070.41 psi MR: 79.8 bpm AP: 7079.18 psi AR: 78.48 bpm MPC: 34460 ppg□□□□□□

Report Date	Well User ID	Well Name	Supervisor	Primary Activity	Daily Costs	Cum Costs
8/26/2014	43UNI431804	UNIVERSITY 43-18 4H	Simmons / Mike	Start frac operations	\$10,500	\$446,400



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Total 100 Mesh: 5000 lbs. Tot 20/40 White: lbs. Total 20/40 Oil Plus: 34460 lbs.□□□□□□
OFFSET WELL: University 17-18-1 500 psig□□□□□□
OFFSET WELL: University 43-18-1 0 psig□□□□□□
OFFSET WELL: University 43-18-3 1250 psig□□□□□□
WL Stage 6□□□□□□
Pump down: 7 bpm at 5015 max psi using 60bbbls□□□□□□
Set Boss Hog 4- 1/2 inch un-caged CFP at 13900'. PUH pulling guns into zone @ 20ft/min and perforate as follows:□□□□□□
13869 - 13870' (9), 13796 - 13797' (9), 13723 - 13724' (9), and 13650 - 13651' (9).□□□□□□
with 3-1/8" cased guns loaded w/Owen SDP-3375-311NT 21.5 gram charge w/.42" hole & 35.6" penetration / 6 JSPF @60 degree phasing.□□□□□□
Correlate DV tool & TOL to Apollo Wireline CBL ran on 8/2/14. □□□□□□
POOH w/WL at time of this report. Next plans: Continue fracing stages 6-13.
Daily Costs: \$10,500.00 Cumulative Costs: \$502,015.00
□□□□□□
□□□□□□.

Daily Cost Details					
Cost Type	Code	Vendor	Remarks	Daily Exp	Cum Exp
IDC - COMPANY SUPER	20.950.020	DOC Consulting	Supervision	\$1,500	\$4,500
IDC - DRILL - SURFACE	20.950.114	Light Tower Power	Trailer Rental	\$500	\$11,500
IDC - F&C - SPECIAL SE	20.950.206	Reliable Trucking	Vac Trucks	\$5,000	\$66,000
IDC - F&C - SURFACE R	20.950.212	Broncs	Frac Stack	\$2,400	\$99,900
IDC - F&C - SURFACE R	20.950.212	Light Tower Power	Lights	\$400	\$99,900
IDC - F&C - SURFACE R	20.950.212	Sun Belt	Man & Fork Lift	\$700	\$99,900
<b>Total for IDC:</b>				\$10,500	\$441,400
<b>Daily / Well Cumulative Total:</b>				\$10,500	
<b>Total Project Cost:</b>					\$446,400

Report Date	Well User ID	Well Name	Supervisor	Primary Activity	Daily Costs	Cum Costs
8/26/2014	43UNI431804	UNIVERSITY 43-18 4H	Simmons / Mike	Start frac operations	\$10,500	\$446,400



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Well Name : UNIVERSITY 43-18 4H					
Prospect:	Sandridge			AFE #:	PB031514
Sec/Twp/Rge:	43 / /			AFE Total:	\$6,834,750
API #:	4247536680	Field:	GEORGES (BONE SP	Daily Cost:	\$10,500
Work Type:	Completion	County , St.:	WARD, TX	Project Cost:	\$456,900
Operator:	gen Resources Corpora	Supervisor:	ell Simmons / Mike Lar	This AFE Cost:	\$977,700
Rig Name:		Phone:		Total with Assoc:	\$977,700
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:
Daily Detail : University 43-18 #4H (Completion) Morning Report for 8/27/14. Operations Report for 8/26/14. Held PJSM w/ personnel on location. Con't POOH w/WL confirmed all guns fired. Frac Stage 6 OWU: 4199 psi Break at 5,637 psi at 18 bpm Pump 2,520 gals of 15% HCL - 3716 bbls (Clean) pumped ISIP: 5007 psi FG: 0.88 psi/ft 5 min: 4702 psi MP: 8297 psi MR: 81.72 bpm AP: 7200.27 psi AR: 80.87 bpm MPC: 4.07 ppg Total 100 Mesh: 5000 lbs. Tot 20/40 White: 186,140 lbs. Total 20/40 Oil Plus: 34000 lbs. OFFSET WELL: University 17-18-1 500 psig OFFSET WELL: University 43-18-1 480 psig OFFSET WELL: University 43-18-3 1250 psig WL Stage 7 Pump down: 7 bpm at 4898 max psi using 55bbls Set Boss Hog 4- 1/2 inch un-caged CFP at 13608'. PUH pulling guns into zone @ 20ft/min and perforate as follows: 13577 - 13578' (9), 13504 - 13505' (9), 13431 - 13432' (9), and 13358 - 13359' (9). with 3-1/8" cased guns loaded w/Owen SDP-3375-311NT 21.5 gram charge w/.42" hole & 35.6" penetration / 6 JSPF @60 degree phasing. Correlate DV tool & TOL to Apollo Wireline CBL ran on 8/2/14. Frac Stage 7 OWU: 4190 psi Break at 5391 psi at 20 bpm Pump 2555 gals of 15% HCL - bbls (Clean) pumped ISIP: n/a psi FG: 0.88 psi/ft 5 min: n/a psi MP: 8353 psi MR: 81 bpm AP: 7200 psi AR: 79 bpm MPC: 4.06 ppg Total 100 Mesh: 5000 lbs. Tot 20/40 Ottawa: 187120 lbs. Total 20/40 OP: 34000 lbs. OFFSET WELL: University 17-18-1 500 psig OFFSET WELL: University 43-18-1 480 psig OFFSET WELL: University 43-18-3 1400 psig Well pressured out 400 bbls into flush 9,800 psig (30 bbls fr/full flush vol ). Make several attempts to get back into well w/no success. Flow well back on 24/64" ck for 50 bbls. Attempt to EIR w/no success. Flow well back on 30/64" ck for 100 bbls. Attempt to EIR into perms w/no success. Tried this several times w/same result. Flow well back on 24/64" ck for 430 bbls (WB volume). Bring pmps on line @ 30 BPM w/FR @ 3.00. Flush full WB volume plus 100 bbls. Final ER into perms 8 BPM & 6300 psig. SD pmps. WL Stage 8 Pump down: 6 bpm at 5924 max psi using 57bbls Set Boss Hog 4- 1/2 inch un-caged CFP at 13316'. PUH pulling guns into zone @ 20ft/min and perforate as follows: 13285 - 13286' (9), 13212 - 13213' (9), 13139 - 13140' (9), and 13066 - 13067' (9). With 3-1/8" cased guns loaded w/Owen SDP-3375-311NT 21.5 gram charge w/.42" hole & 35.6" penetration / 6 JSPF @60 degree phasing.					

Report Date	Well User ID	Well Name	Supervisor	Primary Activity	Daily Costs	Cum Costs
8/27/2014	43UNI431804	UNIVERSITY 43-18 4H	Simmons / Mike	Frac	\$10,500	\$456,900



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Correlate DV tool & TOL to Apollo Wireline CBL ran on 8/2/14. □□□□□□  
 Frac Stage 8 □□□□□□  
 OWU: 4066 psi Break at 5583 psi at 17 bpm □□□□□□  
 Pump 2534 gals of 15% HCL - 3932 bbls (Clean) pumped □□□□□□  
 ISIP: 5204 psi FG: 0.9 psi/ft 5 min: 4873 psi □□□□□□  
 MP: 8115.26 psi MR: 79.89 bpm AP: 6848.2 psi AR: 78.39 bpm MPC: 4.28 ppg □□□□□□  
 Total 100 Mesh: 5440 lbs. Tot 20/40 Ottawa: 186240 lbs. Total 20/40 OP: 34340 lbs. □□□□□□  
 OFFSET WELL: University 17-18-1 500 psig □□□□□□  
 OFFSET WELL: University 43-18-1 880 psig □□□□□□  
 OFFSET WELL: University 43-18-3 1520 psig □□□□□□  
 WL Stage 9 □□□□□□  
 Pump down: 7 bpm at 4865 max psi using 44bbls □□□□□□  
 Set Boss Hog 4- 1/2 inch un-caged CFP at 13024'. PUH pulling guns into zone @ 20ft/min and  
 perforate as follows: □□□□□□  
 12993 - 12994' (9), 12920 - 12921' (9), 12847 - 12848' (9), and 12774 - 12775' (9). □□□□□□  
 With 3-1/8" cased guns loaded w/Owen SDP-3375-311NT 21.5 gram charge w/.42" hole & 35.6"  
 penetration / 6 JSPF @60 degree phasing. □□□□□□  
 Correlate DV tool & TOL to Apollo Wireline CBL ran on 8/2/14. □□□□□□  
 Frac Stage 9 □□□□□□  
 OWU: 4248 psi Break at 5500 psi at 18 bpm □□□□□□  
 Pump 2808 gals of 15% HCL - 3827 bbls (Clean) pumped □□□□□□  
 ISIP: 5218 psi FG: 0.9 psi/ft 5 min: 4873 psi □□□□□□  
 MP: 6907 psi MR: 81.2 bpm AP: 6470 psi AR: 80.39 bpm MPC: 4.27 ppg □□□□□□  
 Total 100 Mesh: 189380 lbs. Tot 20/40 Ottawa: 186240 lbs. Total 20/40 OP: 34000 lbs. □□□□□□  
 OFFSET WELL: University 17-18-1 500 psig □□□□□□  
 OFFSET WELL: University 43-18-1 880 psig □□□□□□  
 OFFSET WELL: University 43-18-3 1520 psig  
 WL Stage 10 □□□□□□  
 Pump down: 7 bpm at 4840 max psi using 37bbls □□□□□□  
 Set Boss Hog 4- 1/2 inch un-caged CFP at 12732'. PUH pulling guns into zone @ 20ft/min and  
 perforate as follows: □□□□□□  
 12701 - 12702' (9), 12628 - 12629' (9), 12555 - 12556' (9), and 12482 - 12483' (9). □□□□□□  
 with 3-1/8" cased guns loaded w/Owen SDP-3375-311NT 21.5 gram charge w/.42" hole & 35.6"  
 penetration / 6 JSPF @60 degree phasing. □□□□□□  
 Correlate DV tool & TOL to Apollo Wireline CBL ran on 8/2/14.  
 Frac Stage 10 □□□□□□  
 OWU: 4147 psi Break at 5383 psi at 17.8 bpm □□□□□□  
 Pump 2683 gals of 15% HCL - 3649 bbls (Clean) pumped □□□□□□  
 ISIP: 5014 psi FG: 0.89 psi/ft 5 min: 4722 psi □□□□□□  
 MP: 7335 psi MR: 81.72 bpm AP: 6536 psi AR: 81 bpm MPC: 4.33 ppg □□□□□□  
 Total 100 Mesh: 5000 lbs. Tot 20/40 Ottawa: 186540 lbs. Total 20/40 OP: 33420 lbs. □□□□□□  
 OFFSET WELL: University 17-18-1 500 psig □□□□□□  
 OFFSET WELL: University 43-18-1 1200 psig □□□□□□  
 OFFSET WELL: University 43-18-3 1800 psig □□□□□□  
 WL Stage 11 in progress at time of this report. Next plans for tomorrow: Complete frac of stages 11-  
 13, RD frac.

Report Date	Well User ID	Well Name	Supervisor	Primary Activity	Daily Costs	Cum Costs
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Daily Cost Details					
Cost Type	Code	Vendor	Remarks	Daily Exp	Cum Exp
IDC - COMPANY SUPER	20.950.020	DOC Consulting	Supervision	\$1,500	\$6,000
IDC - DRILL - SURFACE	20.950.114	Light Tower Power	Trailer Rental	\$500	\$12,000
IDC - F&C - SPECIAL SE	20.950.206	Reliable Trucking	Vac Trucks	\$5,000	\$71,000
IDC - F&C - SURFACE R	20.950.212	Broncs	Frac Stack	\$2,400	\$103,400
IDC - F&C - SURFACE R	20.950.212	Light Tower Power	Lights	\$400	\$103,400
IDC - F&C - SURFACE R	20.950.212	Sun Belt	Man & Fork Lift	\$700	\$103,400
<b>Total for IDC:</b>				\$10,500	\$451,900
<b>Daily / Well Cumulative Total:</b>				\$10,500	
<b>Total Project Cost:</b>					\$456,900

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8/27/2014	43UNI431804	UNIVERSITY 43-18 4H	Simmons / Mike	Frac	\$10,500	\$456,900



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Perforating					
UpperPerforation:	15329	LowerPerforation:	15330		
Formation:	3 RD BONE SPRINGS	ChargeType:	Deep Penetrating	PressOver/UnderBal:	0
Company:	Cornell Wireline	ShotsFoot:	6	FluidType:	
PerforatingGuns:	Casing	Phasing:	60	FluidLevelInitial:	0
GunSize:	3 1/8"	HoleCondition:		FluidLevelFinal:	
Remarks:					
UpperPerforation:	15256	LowerPerforation:	15257		
Formation:	3 RD BONE SPRINGS	ChargeType:	Deep Penetrating	PressOver/UnderBal:	0
Company:	Cornell Wireline	ShotsFoot:	6	FluidType:	
PerforatingGuns:	Casing	Phasing:	60	FluidLevelInitial:	0
GunSize:	3 1/8"	HoleCondition:		FluidLevelFinal:	
Remarks:					
UpperPerforation:	15183	LowerPerforation:	15184		
Formation:	3 RD BONE SPRINGS	ChargeType:	Deep Penetrating	PressOver/UnderBal:	0
Company:	Cornell Wireline	ShotsFoot:	6	FluidType:	
PerforatingGuns:	Casing	Phasing:	60	FluidLevelInitial:	0
GunSize:	3 1/8"	HoleCondition:		FluidLevelFinal:	
Remarks:					
UpperPerforation:	15110	LowerPerforation:	15111		
Formation:	3 RD BONE SPRINGS	ChargeType:	Deep Penetrating	PressOver/UnderBal:	0
Company:	Cornell Wireline	ShotsFoot:	6	FluidType:	
PerforatingGuns:	Casing	Phasing:	60	FluidLevelInitial:	0
GunSize:	3 1/8"	HoleCondition:		FluidLevelFinal:	
Remarks:					
UpperPerforation:	12701	LowerPerforation:	12702		
Formation:	3 RD BONE SPRINGS	ChargeType:	Deep Penetrating	PressOver/UnderBal:	0
Company:	Cornell Wireline	ShotsFoot:	6	FluidType:	
PerforatingGuns:	Casing	Phasing:	60	FluidLevelInitial:	0
GunSize:	3 1/8"	HoleCondition:		FluidLevelFinal:	
Remarks:					
UpperPerforation:	15037	LowerPerforation:	15038		
Formation:	3 RD BONE SPRINGS	ChargeType:	Deep Penetrating	PressOver/UnderBal:	0
Company:	Cornell Wireline	ShotsFoot:	6	FluidType:	
PerforatingGuns:	Casing	Phasing:	60	FluidLevelInitial:	0
GunSize:	3 1/8"	HoleCondition:		FluidLevelFinal:	
Remarks:					
UpperPerforation:	14964	LowerPerforation:	14965		
Formation:	3 RD BONE SPRINGS	ChargeType:	Deep Penetrating	PressOver/UnderBal:	0
Company:	Cornell Wireline	ShotsFoot:	6	FluidType:	
PerforatingGuns:	Casing	Phasing:	60	FluidLevelInitial:	0
GunSize:	3 1/8"	HoleCondition:		FluidLevelFinal:	
Remarks:					
UpperPerforation:	14891	LowerPerforation:	14892		
Formation:	3 RD BONE SPRINGS	ChargeType:	Deep Penetrating	PressOver/UnderBal:	0
Company:	Cornell Wireline	ShotsFoot:	6	FluidType:	
PerforatingGuns:	Casing	Phasing:	60	FluidLevelInitial:	0
GunSize:	3 1/8"	HoleCondition:		FluidLevelFinal:	
Remarks:					

Report Date	Well User ID	Well Name	Supervisor	Primary Activity	Daily Costs	Cum Costs
8/27/2014	43UNI431804	UNIVERSITY 43-18 4H	Simmons / Mike	Frac	\$10,500	\$456,900



**Energen Resources Corp.**

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**R E S O U R C E S**

**Wellwork AFE Daily Report**

**Date : 8/27/2014**

UpperPerforation:		14818		LowerPerforation:		14819	
Formation:	3 RD BONE SPRINGS	ChargeType:	Deep Penetrating	PressOver/UnderBal:	0		
Company:	Cornell Wireline	ShotsFoot:	6	FluidType:			
PerforatingGuns:	Casing	Phasing:	60	FluidLevelInitial:	0		
GunSize:	3 1/8"	HoleCondition:		FluidLevelFinal:			
Remarks:							
UpperPerforation:		14745		LowerPerforation:		14746	
Formation:	3 RD BONE SPRINGS	ChargeType:	Deep Penetrating	PressOver/UnderBal:	0		
Company:	Cornell Wireline	ShotsFoot:	6	FluidType:			
PerforatingGuns:	Casing	Phasing:	60	FluidLevelInitial:	0		
GunSize:	3 1/8"	HoleCondition:		FluidLevelFinal:			
Remarks:							
UpperPerforation:		14672		LowerPerforation:		14673	
Formation:	3 RD BONE SPRINGS	ChargeType:	Deep Penetrating	PressOver/UnderBal:	0		
Company:	Cornell Wireline	ShotsFoot:	6	FluidType:			
PerforatingGuns:	Casing	Phasing:	60	FluidLevelInitial:	0		
GunSize:	3 1/8"	HoleCondition:		FluidLevelFinal:			
Remarks:							
UpperPerforation:		14599		LowerPerforation:		14600	
Formation:	3 RD BONE SPRINGS	ChargeType:	Deep Penetrating	PressOver/UnderBal:	0		
Company:	Cornell Wireline	ShotsFoot:	6	FluidType:			
PerforatingGuns:	Casing	Phasing:	60	FluidLevelInitial:	0		
GunSize:	3 1/8"	HoleCondition:		FluidLevelFinal:			
Remarks:							
UpperPerforation:		14526		LowerPerforation:		14527	
Formation:	3 RD BONE SPRINGS	ChargeType:	Deep Penetrating	PressOver/UnderBal:	0		
Company:	Cornell Wireline	ShotsFoot:	6	FluidType:			
PerforatingGuns:	Casing	Phasing:	60	FluidLevelInitial:	0		
GunSize:	3 1/8"	HoleCondition:		FluidLevelFinal:			
Remarks:							
UpperPerforation:		14453		LowerPerforation:		14454	
Formation:	3 RD BONE SPRINGS	ChargeType:	Deep Penetrating	PressOver/UnderBal:	0		
Company:	Cornell Wireline	ShotsFoot:	6	FluidType:			
PerforatingGuns:	Casing	Phasing:	60	FluidLevelInitial:	0		
GunSize:	3 1/8"	HoleCondition:		FluidLevelFinal:			
Remarks:							
UpperPerforation:		14380		LowerPerforation:		14381	
Formation:	3 RD BONE SPRINGS	ChargeType:	Deep Penetrating	PressOver/UnderBal:	0		
Company:	Cornell Wireline	ShotsFoot:	6	FluidType:			
PerforatingGuns:	Casing	Phasing:	60	FluidLevelInitial:	0		
GunSize:	3 1/8"	HoleCondition:		FluidLevelFinal:			
Remarks:							
UpperPerforation:		14307		LowerPerforation:		14308	
Formation:	3 RD BONE SPRINGS	ChargeType:	Deep Penetrating	PressOver/UnderBal:	0		
Company:	Cornell Wireline	ShotsFoot:	6	FluidType:			
PerforatingGuns:	Casing	Phasing:	60	FluidLevelInitial:	0		
GunSize:	3 1/8"	HoleCondition:		FluidLevelFinal:			
Remarks:							

Report Date	Well User ID	Well Name	Supervisor	Primary Activity	Daily Costs	Cum Costs
8/27/2014	43UNI431804	UNIVERSITY 43-18 4H	Simmons / Mike	Frac	\$10,500	\$456,900





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**R E S O U R C E S**

## Wellwork AFE Daily Report

**Date :** 8/27/2014

UpperPerforation:		14234		LowerPerforation:		14235	
Formation:	3 RD BONE SPRINGS	ChargeType:	Deep Penetrating	PressOver/UnderBal:	0		
Company:	Cornell Wireline	ShotsFoot:	6	FluidType:			
PerforatingGuns:	Casing	Phasing:	60	FluidLevelInitial:	0		
GunSize:	3 1/8"	HoleCondition:		FluidLevelFinal:			
Remarks:							
UpperPerforation:		14161		LowerPerforation:		14162	
Formation:	3 RD BONE SPRINGS	ChargeType:	Deep Penetrating	PressOver/UnderBal:	0		
Company:	Cornell Wireline	ShotsFoot:	6	FluidType:			
PerforatingGuns:	Casing	Phasing:	60	FluidLevelInitial:	0		
GunSize:	3 1/8"	HoleCondition:		FluidLevelFinal:			
Remarks:							
UpperPerforation:		14088		LowerPerforation:		14089	
Formation:	3 RD BONE SPRINGS	ChargeType:	Deep Penetrating	PressOver/UnderBal:	0		
Company:	Cornell Wireline	ShotsFoot:	6	FluidType:			
PerforatingGuns:	Casing	Phasing:	60	FluidLevelInitial:	0		
GunSize:	3 1/8"	HoleCondition:		FluidLevelFinal:			
Remarks:							
UpperPerforation:		14015		LowerPerforation:		14016	
Formation:	3 RD BONE SPRINGS	ChargeType:	Deep Penetrating	PressOver/UnderBal:	0		
Company:	Cornell Wireline	ShotsFoot:	6	FluidType:			
PerforatingGuns:	Casing	Phasing:	60	FluidLevelInitial:	0		
GunSize:	3 1/8"	HoleCondition:		FluidLevelFinal:			
Remarks:							
UpperPerforation:		13942		LowerPerforation:		13943	
Formation:	3 RD BONE SPRINGS	ChargeType:	Deep Penetrating	PressOver/UnderBal:	0		
Company:	Cornell Wireline	ShotsFoot:	6	FluidType:			
PerforatingGuns:	Casing	Phasing:	60	FluidLevelInitial:	0		
GunSize:	3 1/8"	HoleCondition:		FluidLevelFinal:			
Remarks:							
UpperPerforation:		13869		LowerPerforation:		13870	
Formation:	3 RD BONE SPRINGS	ChargeType:	Deep Penetrating	PressOver/UnderBal:	0		
Company:	Cornell Wireline	ShotsFoot:	6	FluidType:			
PerforatingGuns:	Casing	Phasing:	60	FluidLevelInitial:	0		
GunSize:	3 1/8"	HoleCondition:		FluidLevelFinal:			
Remarks:							
UpperPerforation:		13796		LowerPerforation:		13797	
Formation:	3 RD BONE SPRINGS	ChargeType:	Deep Penetrating	PressOver/UnderBal:	0		
Company:	Cornell Wireline	ShotsFoot:	6	FluidType:			
PerforatingGuns:	Casing	Phasing:	60	FluidLevelInitial:	0		
GunSize:	3 1/8"	HoleCondition:		FluidLevelFinal:			
Remarks:							
UpperPerforation:		13723		LowerPerforation:		13724	
Formation:	3 RD BONE SPRINGS	ChargeType:	Deep Penetrating	PressOver/UnderBal:	0		
Company:	Cornell Wireline	ShotsFoot:	6	FluidType:			
PerforatingGuns:	Casing	Phasing:	60	FluidLevelInitial:	0		
GunSize:	3 1/8"	HoleCondition:		FluidLevelFinal:			
Remarks:							

Report Date	Well User ID	Well Name	Supervisor	Primary Activity	Daily Costs	Cum Costs
8/27/2014	43UNI431804	UNIVERSITY 43-18 4H	Simmons / Mike	Frac	\$10,500	\$456,900



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**R E S O U R C E S**

**Wellwork AFE Daily Report**

**Date : 8/27/2014**

UpperPerforation:		13650		LowerPerforation:		13651	
Formation:	3 RD BONE SPRINGS	ChargeType:	Deep Penetrating	PressOver/UnderBal:	0		
Company:	Cornell Wireline	ShotsFoot:	6	FluidType:			
PerforatingGuns:	Casing	Phasing:	60	FluidLevelInitial:	0		
GunSize:	3 1/8"	HoleCondition:		FluidLevelFinal:			
Remarks:							
UpperPerforation:		13577		LowerPerforation:		13578	
Formation:	3 RD BONE SPRINGS	ChargeType:	Deep Penetrating	PressOver/UnderBal:	0		
Company:	Cornell Wireline	ShotsFoot:	6	FluidType:			
PerforatingGuns:	Casing	Phasing:	60	FluidLevelInitial:	0		
GunSize:	3 1/8"	HoleCondition:		FluidLevelFinal:			
Remarks:							
UpperPerforation:		13504		LowerPerforation:		13508	
Formation:	3 RD BONE SPRINGS	ChargeType:	Deep Penetrating	PressOver/UnderBal:	0		
Company:	Cornell Wireline	ShotsFoot:	6	FluidType:			
PerforatingGuns:	Casing	Phasing:	60	FluidLevelInitial:	0		
GunSize:	3 1/8"	HoleCondition:		FluidLevelFinal:			
Remarks:							
UpperPerforation:		13431		LowerPerforation:		13432	
Formation:	3 RD BONE SPRINGS	ChargeType:	Deep Penetrating	PressOver/UnderBal:	0		
Company:	Cornell Wireline	ShotsFoot:	6	FluidType:			
PerforatingGuns:	Casing	Phasing:	60	FluidLevelInitial:	0		
GunSize:	3 1/8"	HoleCondition:		FluidLevelFinal:			
Remarks:							
UpperPerforation:		13358		LowerPerforation:		13359	
Formation:	3 RD BONE SPRINGS	ChargeType:	Deep Penetrating	PressOver/UnderBal:	0		
Company:	Cornell Wireline	ShotsFoot:	6	FluidType:			
PerforatingGuns:	Casing	Phasing:	60	FluidLevelInitial:	0		
GunSize:	3 1/8"	HoleCondition:		FluidLevelFinal:			
Remarks:							
UpperPerforation:		13285		LowerPerforation:		13286	
Formation:	3 RD BONE SPRINGS	ChargeType:	Deep Penetrating	PressOver/UnderBal:	0		
Company:	Cornell Wireline	ShotsFoot:	6	FluidType:			
PerforatingGuns:	Casing	Phasing:	60	FluidLevelInitial:	0		
GunSize:	3 1/8"	HoleCondition:		FluidLevelFinal:			
Remarks:							
UpperPerforation:		13212		LowerPerforation:		13213	
Formation:	3 RD BONE SPRINGS	ChargeType:	Deep Penetrating	PressOver/UnderBal:	0		
Company:	Cornell Wireline	ShotsFoot:	6	FluidType:			
PerforatingGuns:	Casing	Phasing:	60	FluidLevelInitial:	0		
GunSize:	3 1/8"	HoleCondition:		FluidLevelFinal:			
Remarks:							
UpperPerforation:		13139		LowerPerforation:		13140	
Formation:	3 RD BONE SPRINGS	ChargeType:	Deep Penetrating	PressOver/UnderBal:	0		
Company:	Cornell Wireline	ShotsFoot:	6	FluidType:			
PerforatingGuns:	Casing	Phasing:	60	FluidLevelInitial:	0		
GunSize:	3 1/8"	HoleCondition:		FluidLevelFinal:			
Remarks:							

Report Date	Well User ID	Well Name	Supervisor	Primary Activity	Daily Costs	Cum Costs
8/27/2014	43UNI431804	UNIVERSITY 43-18 4H	Simmons / Mike	Frac	\$10,500	\$456,900



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**R E S O U R C E S**

**Wellwork AFE Daily Report**

**Date : 8/27/2014**

UpperPerforation:		13066	LowerPerforation:		13067
Formation:	3 RD BONE SPRINGS	ChargeType:	Deep Penetrating	PressOver/UnderBal:	0
Company:	Cornell Wireline	ShotsFoot:	6	FluidType:	
PerforatingGuns:	Casing	Phasing:	60	FluidLevelInitial:	0
GunSize:	3 1/8"	HoleCondition:		FluidLevelFinal:	
Remarks:					
UpperPerforation:		12993	LowerPerforation:		12994
Formation:	3 RD BONE SPRINGS	ChargeType:	Deep Penetrating	PressOver/UnderBal:	0
Company:	Cornell Wireline	ShotsFoot:	6	FluidType:	
PerforatingGuns:	Casing	Phasing:	60	FluidLevelInitial:	0
GunSize:	3 1/8"	HoleCondition:		FluidLevelFinal:	
Remarks:					
UpperPerforation:		12920	LowerPerforation:		12921
Formation:	3 RD BONE SPRINGS	ChargeType:	Deep Penetrating	PressOver/UnderBal:	0
Company:	Cornell Wireline	ShotsFoot:	6	FluidType:	
PerforatingGuns:	Casing	Phasing:	60	FluidLevelInitial:	0
GunSize:	3 1/8"	HoleCondition:		FluidLevelFinal:	
Remarks:					
UpperPerforation:		12847	LowerPerforation:		12848
Formation:	3 RD BONE SPRINGS	ChargeType:	Deep Penetrating	PressOver/UnderBal:	0
Company:	Cornell Wireline	ShotsFoot:	6	FluidType:	
PerforatingGuns:	Casing	Phasing:	60	FluidLevelInitial:	0
GunSize:	3 1/8"	HoleCondition:		FluidLevelFinal:	
Remarks:					
UpperPerforation:		12774	LowerPerforation:		12775
Formation:	3 RD BONE SPRINGS	ChargeType:	Deep Penetrating	PressOver/UnderBal:	0
Company:	Cornell Wireline	ShotsFoot:	6	FluidType:	
PerforatingGuns:	Casing	Phasing:	60	FluidLevelInitial:	0
GunSize:	3 1/8"	HoleCondition:		FluidLevelFinal:	
Remarks:					
UpperPerforation:		12628	LowerPerforation:		12629
Formation:	3 RD BONE SPRINGS	ChargeType:	Deep Penetrating	PressOver/UnderBal:	0
Company:	Cornell Wireline	ShotsFoot:	6	FluidType:	
PerforatingGuns:	Casing	Phasing:	60	FluidLevelInitial:	0
GunSize:	3 1/8"	HoleCondition:		FluidLevelFinal:	
Remarks:					
UpperPerforation:		12555	LowerPerforation:		12556
Formation:	3 RD BONE SPRINGS	ChargeType:	Deep Penetrating	PressOver/UnderBal:	0
Company:	Cornell Wireline	ShotsFoot:	6	FluidType:	
PerforatingGuns:	Casing	Phasing:	60	FluidLevelInitial:	0
GunSize:	3 1/8"	HoleCondition:		FluidLevelFinal:	
Remarks:					
UpperPerforation:		12482	LowerPerforation:		12483
Formation:	3 RD BONE SPRINGS	ChargeType:	Deep Penetrating	PressOver/UnderBal:	0
Company:	Cornell Wireline	ShotsFoot:	6	FluidType:	
PerforatingGuns:	Casing	Phasing:	60	FluidLevelInitial:	0
GunSize:	3 1/8"	HoleCondition:		FluidLevelFinal:	
Remarks:					

Report Date	Well User ID	Well Name	Supervisor	Primary Activity	Daily Costs	Cum Costs
8/27/2014	43UNI431804	UNIVERSITY 43-18 4H	Simmons / Mike	Frac	\$10,500	\$456,900



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**R E S O U R C E S**

**Wellwork AFE Daily Report**

**Date : 8/27/2014**

UpperPerforation:		0		LowerPerforation:		0	
Formation:		ChargeType:	Deep Penetrating	PressOver/UnderBal:	0		
Company:		ShotsFoot:	6	FluidType:			
PerforatingGuns:	Casing	Phasing:	60	FluidLevelInitial:	0		
GunSize:	3 1/8"	HoleCondition:		FluidLevelFinal:			
Remarks:							
UpperPerforation:		0		LowerPerforation:		0	
Formation:		ChargeType:	Deep Penetrating	PressOver/UnderBal:	0		
Company:		ShotsFoot:	6	FluidType:			
PerforatingGuns:	Casing	Phasing:	60	FluidLevelInitial:	0		
GunSize:	3 1/8"	HoleCondition:		FluidLevelFinal:			
Remarks:							

Report Date	Well User ID	Well Name	Supervisor	Primary Activity	Daily Costs	Cum Costs
8/27/2014	43UNI431804	UNIVERSITY 43-18 4H	Simmons / Mike	Frac	\$10,500	\$456,900



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R E S O U R C E S

## Wellwork AFE Daily Report

Date : 8/28/2014

Well Name : UNIVERSITY 43-18 4H					
Prospect:	Sandridge			AFE #:	PB031514
Sec/Twp/Rge:	43 / /			AFE Total:	\$6,834,750
API #:	4247536680	Field:	GEORGES (BONE SP	Daily Cost:	\$1,482,551
Work Type:	Completion	County , St.:	WARD, TX	Project Cost:	\$1,939,451
Operator:	gen Resources Corpora	Supervisor:	ell Simmons / Mike Lar	This AFE Cost:	\$2,536,663
Rig Name:		Phone:		Total with Assoc:	\$2,536,663
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:
<p>Daily Detail : University 43-18 #4H (Completion)</p> <p>Morning Report for 8/28/14. Operations Report for 8/27/14.</p> <p>Held PJSM w/ personnel on location. (Stage 11 WL being completed from previous report period as follows)</p> <p>WL Stage 11</p> <p>Pump down: 7 bpm at 4730 max psi using 31bbls</p> <p>Set Boss Hog 4- 1/2 inch un-caged CFP at 12440'. PUH pulling guns into zone @ 20 ft/min and perforate as follows:</p> <p>12409 - 12410' (9), 12336 - 12337' (9), 12263 - 12264' (9), and 12190 - 12191' (9).</p> <p>With 3-1/8" cased guns loaded w/Owen SDP-3375-311NT 21.5 gram charge w/.42" hole &amp; 35.6" penetration / 6 JSPF @60 degree phasing.</p> <p>Correlate DV tool &amp; TOL to Apollo Wireline CBL ran on 8/2/14. Confirmed all guns fired.</p> <p>Frac Stage 11</p> <p>OWU: 4267 psi Break at 4267 psi at 0.18 bpm</p> <p>Pump 3770 gals of 15% HCL - 4006 bbls (Clean) pumped</p> <p>ISIP: 5305 psi FG: 0.91 psi/ft 5 min: 4850 psi</p> <p>MP: 7938 psi MR: 83.21 bpm AP: 6288.71 psi AR: 83.21 bpm MPC: 4.33 ppg</p> <p>Total 100 Mesh: 5000 lbs. Tot 20/40 Ottawa: 187840 lbs. Total 20/40 OP: 34000 lbs.</p> <p>OFFSET WELL: University 17-18-1 500 psig</p> <p>OFFSET WELL: University 43-18-1 1200 psig</p> <p>OFFSET WELL: University 43-18-3 1800 psig</p> <p>WL Stage 12</p> <p>Pump down: 7 bpm at 4839 max psi using 33bbls</p> <p>Set Boss Hog 4- 1/2 inch un-caged CFP at 12148'. PUH pulling guns into zone @ 20 ft/min and perforate as follows:</p> <p>12117 - 12118' (9), 12044 - 12045' (9), 11971 - 11972' (9), and 11898 - 11899' (9).</p> <p>with 3-1/8" cased guns loaded w/Owen SDP-3375-311NT 21.5 gram charge w/.42" hole &amp; 35.6" penetration / 6 JSPF @60 degree phasing.</p> <p>Correlate DV tool &amp; TOL to Apollo Wireline CBL ran on 8/2/14.</p> <p>Frac Stage 12</p> <p>OWU: 4295 psi Break at 5116 psi at 17 bpm</p> <p>Pump 5582 gals of 15% HCL - 5938 bbls (Clean) pumped</p> <p>ISIP: 5319 psi FG: 0.91 psi/ft 5 min: 4840 psi</p> <p>MP: 8497 psi MR: 79.93 bpm AP: 6302 psi AR: 79.18 bpm MPC: 4.27 ppg</p> <p>Total 100 Mesh: 5000 lbs. Tot 20/40 Ottawa: 272220 lbs. Total 20/40 OP: 34000 lbs.</p> <p>OFFSET WELL: University 17-18-1 500 psig</p> <p>OFFSET WELL: University 43-18-1 1200 psig</p> <p>OFFSET WELL: University 43-18-3 1800 psig</p> <p>WL Stage 13</p> <p>Pump down: 7 bpm at 4790 max psi using 30bbls</p> <p>Set Boss Hog 4- 1/2 inch un-caged CFP at 11856'. PUH pulling guns into zone @ 20 ft/min and perforate as follows:</p>					

Report Date	Well User ID	Well Name	Supervisor	Primary Activity	Daily Costs	Cum Costs
8/28/2014	43UNI431804	UNIVERSITY 43-18 4H	Simmons / Mike	Frac	\$1,482,551	\$1,939,451

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R E S O U R C E S

**Wellwork AFE Daily Report****Date : 8/28/2014**

11825 - 11826' (9), 11752 - 11753' (9), 11679 - 11680' (9), and 11606 - 11607' (9).□□□□□□  
 with 3-1/8" cased guns loaded w/Owen SDP-3375-311NT 21.5 gram charge w/.42" hole & 35.6"  
 penetration / 6 JSPF @60 degree phasing.□□□□□□  
 Correlate DV tool & TOL to Apollo Wireline CBL ran on 8/2/14.  
 Frac Stage 13□□□□□□  
 OWU: 4265 psi Break at 6089 psi at 19 bpm□□□□□□  
 Pump 4516 gals of 15% HCL - 3610 bbls (Clean) pumped□□□□□□  
 ISIP: 5171 psi FG: 0.9 psi/ft 5 min: 4705 psi□□□□□□  
 MP: 8580 psi MR: 83.12 bpm AP: 6329.31 psi AR: 82 bpm MPC: 4.22 ppg□□□□□□  
 Total 100 Mesh: 5000 lbs. Tot 20/40 Ottawa: 188040 lbs. Total 20/40 OP: 34000 lbs.□□□□□□  
 □□□□□□OFFSET WELL: University 17-18-1 500 psig□□□□□□  
 OFFSET WELL: University 43-18-1 1050 psig□□□□□□  
 OFFSET WELL: University 43-18-3 1900 psig□□□□□□  
 SWI @ 16:08 hrs.  
 Proppant & chemical totals:  
 15% HCL Acid - 37,949 gals  
 A1-150 - 153 gals  
 AS-290 - 267 gals  
 SU-15 / Tote - 1,136 gals  
 FR-1B - 1,581 gals  
 CC-70 - 1,984 gals  
 BIO-CIDE - 4450 - 1,107 gals  
 FPG-912 - 5,348 gals  
 PH-29 - 497 gals  
 XL-3 - 1,379 gals  
 XL-7 - 1,389 gals  
 BR-31B - 715 gals  
 BR-34 - 650 gals  
 AC-307 - 153 gals  
 Soda Ash - 450#  
 100 Mesh - 65,520 lbs  
 20/40 White - 2,518,400 lbs (25,1840 Sks)  
 20/40 OP - 442,000 lbs (RC)  
 Total BLWTR = 54,425 bbls  
 RDMO C & J frac equip. RDMO Cornell WLU & press equip. RDMO Riley Crane Service. Top off  
 frac tanks. ND Goat head. Prep location for CTU.  
 Secure location. Well montured by Broncs personnel. SDFN.  
 Next day operation 8/28/14 MIRU CTU & DO plgs.  
 Daily cost: \$1,482,551.00 Cumulative cost: \$1,995,066.00

Report Date	Well User ID	Well Name	Supervisor	Primary Activity	Daily Costs	Cum Costs
8/28/2014	43UNI431804	UNIVERSITY 43-18 4H	Simmons / Mike	Frac	\$1,482,551	\$1,939,451



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**R E S O U R C E S**

**Wellwork AFE Daily Report**

**Date : 8/28/2014**

Daily Cost Details					
Cost Type	Code	Vendor	Remarks	Daily Exp	Cum Exp
IDC - COMPANY SUPER	20.950.020	DOC Consulting	Supervision	\$1,500	\$7,500
IDC - DRILL - SURFACE	20.950.114	Light Tower Power	Trailer Rental	\$500	\$12,500
IDC - F&C - SPECIAL SE	20.950.206	Complpete Energy Servic	Water Transfer	\$28,204	\$182,739
IDC - F&C - SPECIAL SE	20.950.206	Cornell WL	WLU & equip	\$78,535	\$182,739
IDC - F&C - SPECIAL SE	20.950.206	Reliable Trucking	Vac Trucks	\$5,000	\$182,739
IDC - F&C - STIMULATIO	20.950.207	Baker Hughes Inteq	Scale Sorb	\$119,015	\$1,365,312
IDC - F&C - STIMULATIO	20.950.207	C & J	FRAC	\$1,246,297	\$1,365,312
IDC - F&C - SURFACE R	20.950.212	Broncs	Frac Stack	\$2,400	\$106,900
IDC - F&C - SURFACE R	20.950.212	Light Tower Power	Lights	\$400	\$106,900
IDC - F&C - SURFACE R	20.950.212	Sun Belt	Man & Fork Lift	\$700	\$106,900
<b>Total for IDC:</b>				\$1,482,551	\$1,934,451
<b>Daily / Well Cumulative Total:</b>				\$1,482,551	
<b>Total Project Cost:</b>					\$1,939,451

Perforating					
UpperPerforation:		12190	LowerPerforation:		12191
Formation:	3 RD BONE SPRINGS	ChargeType:	Deep Penetrating	PressOver/UnderBal:	0
Company:	Cornell Wireline	ShotsFoot:	6	FluidType:	
PerforatingGuns:	Casing	Phasing:	60	FluidLevelInitial:	0
GunSize:	3 1/8"	HoleCondition:		FluidLevelFinal:	
Remarks:					
UpperPerforation:		12263	LowerPerforation:		12264
Formation:	3 RD BONE SPRINGS	ChargeType:	Deep Penetrating	PressOver/UnderBal:	0
Company:	Cornell Wireline	ShotsFoot:	6	FluidType:	
PerforatingGuns:	Casing	Phasing:	60	FluidLevelInitial:	0
GunSize:	3 1/8"	HoleCondition:		FluidLevelFinal:	
Remarks:					
UpperPerforation:		12336	LowerPerforation:		12337
Formation:	3 RD BONE SPRINGS	ChargeType:	Deep Penetrating	PressOver/UnderBal:	0
Company:	Cornell Wireline	ShotsFoot:	6	FluidType:	
PerforatingGuns:	Casing	Phasing:	60	FluidLevelInitial:	0
GunSize:	3 1/8"	HoleCondition:		FluidLevelFinal:	
Remarks:					
UpperPerforation:		12409	LowerPerforation:		12410
Formation:	3 RD BONE SPRINGS	ChargeType:	Deep Penetrating	PressOver/UnderBal:	0
Company:	Cornell Wireline	ShotsFoot:	6	FluidType:	
PerforatingGuns:	Casing	Phasing:	60	FluidLevelInitial:	0
GunSize:	3 1/8"	HoleCondition:		FluidLevelFinal:	
Remarks:					

Report Date	Well User ID	Well Name	Supervisor	Primary Activity	Daily Costs	Cum Costs
8/28/2014	43UNI431804	UNIVERSITY 43-18 4H	Simmons / Mike	Frac	\$1,482,551	\$1,939,451



**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 : 8/29/2014

Well Name : UNIVERSITY 43-18 4H																																																			
Prospect:	Sandridge			AFE #:	PB031514																																														
Sec/Twp/Rge:	43 / /			AFE Total:	\$6,834,750																																														
API #:	4247536680	Field:	GEORGES (BONE SP	Daily Cost:	\$85,000																																														
Work Type:	Completion	County , St.:	WARD, TX	Project Cost:	\$2,024,451																																														
Operator:	ngen Resources Corpora	Supervisor:	ell Simmons / Mike Lar	This AFE Cost:	\$2,823,983																																														
Rig Name:		Phone:		Total with Assoc:	\$2,823,983																																														
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0																																													
Daily Detail : University 43-18 #4H (Completion)																																																			
<p>Morning Report for 08/29/14. Operations report for 08/28/14.</p> <p>WSI. Held PJSM w/crews. SICIP 4,000 psig. MIRU Redzone 2"CTU &amp; equip. RU pump &amp; Lines. PT to 8,000 psig. Test OK. Released pressure. PU head &amp; lubricator. Load 2"coil. Assemble 2.88" x 2" coil connector. Function test BOP's. Test OK. Pull test 30K. Test good. Assemble 2.88"DBPV/2.88"Fau Hydraulic Disconnect, 2.88"dual circ sub. PT 2"coil tbg to 3,000 psig for 5 min. Tested OK. Released pressure. Attach Tempress Hydro Pull tool, 2.88"X-treme NAVI mud motor &amp; 3.70" Butterfly Opticut Mill. Perform motor function test @ 2.5 BPM. Test OK. NU injector head &amp; lubricator w/tls. PT stack, flow back manifold, lubricator &amp; BOP's to 8,000 psig for 10 min. Tested OK. Released pressure down to 4,100 psig. Equalize w/well press. OWU. RIH @ 90 FPM while circu .5 BPM in .5 BPM out. Weight check @ 10,200' (pulling 24K up 15K dwn). Kick out pump. Taged TOL @ 10,287' (CTD). Drlg &amp; tbg rpts TOL @ 10,280'. Enter liner @ 10,287' (CTD). Increase pmp rate to 2.5 BPM in w/3.0 BPM out. Tagged 1st CBP @ 11,856' CTM. DO "Boss Hog" CFP's.</p> <table border="1"> <thead> <tr> <th>WL set Depth</th> <th>CTU Depth</th> <th>Mins to Drill</th> </tr> </thead> <tbody> <tr> <td>1. 11,856'</td> <td>11,856'</td> <td>3</td> </tr> <tr> <td>2. 12,148'</td> <td>12,141'</td> <td>8</td> </tr> <tr> <td>3. 12,440'</td> <td>12,440'</td> <td>5</td> </tr> <tr> <td>4. 12,732'</td> <td>12729'</td> <td>7</td> </tr> </tbody> </table> <p>Pumped 10 bbls sweep after each drill out. Make 2 passes through drilled interval. After 4th CFP drilled, pushed debris to 5th and made short trip out of liner at 35'/min to 10,642' CTM. RIH to drill next 4 CFP's:</p> <table border="1"> <thead> <tr> <th>WL set Depth</th> <th>CTU Depth</th> <th>Mins to Drill</th> </tr> </thead> <tbody> <tr> <td>5. 13,024'</td> <td>13,022'</td> <td>3</td> </tr> <tr> <td>6. 13,316'</td> <td>13,308'</td> <td>8</td> </tr> <tr> <td>7. 13,608'</td> <td>13,763'</td> <td>18</td> </tr> <tr> <td>8. 13,900'</td> <td>13,893'</td> <td>7</td> </tr> </tbody> </table> <p>Pumped 10 bbls sweep after each drill out. Make 2 passes through drilled interval. After 8th CBP drilled, pushed debris to 9th plug and made short trip out of liner at 35'/min to 10,692' CTM. RIH to drill next 4 CFP's:</p> <table border="1"> <thead> <tr> <th>WL set Depth</th> <th>CTU Depth</th> <th>Mins to Drill</th> </tr> </thead> <tbody> <tr> <td>9. 14,192'</td> <td>14,180'</td> <td>4</td> </tr> <tr> <td>10. 14,484'</td> <td>14,477'</td> <td>13</td> </tr> <tr> <td>11. 14,776'</td> <td>14,774'</td> <td>12</td> </tr> <tr> <td>12. 15,068'</td> <td>15,058'</td> <td>4</td> </tr> </tbody> </table> <p>Con't RIH. Taged Kickstart RDV sleeve @ 15,393' CTM. Pick up 20' off Sleeve. Pumped 20 bbls sweep, 10 bbls spacer, and 20 bbls sweep. Circ until final sweep cleared coil + 30 bbls. POH. Up wt. = 35K. At 15309' pulled 5k over to 40k. Pump another sweep. Lower CT and allow sweep to clear end of coil. Pull back up to 15309', again 5k over pull. Flowback bleeding down offset wells to 0 psi. Instructed them to SI and 43-18-3 pressure back up to 1200 psi. WH 3650 psi on 43-18#4H. Start N2 at 500K SCF and fluid at 2.7 bpm. Circulate and allow N2 to clear end of coil. Lower CT and tag RDV sleeve, PUH to 15289' and then over pull 5-6K. Lower coil back to neutral pos. Continue pumping N2 and sweeps circulating well. On each of the pulls, flowback surged plug catcher to help dis lodge</p>							WL set Depth	CTU Depth	Mins to Drill	1. 11,856'	11,856'	3	2. 12,148'	12,141'	8	3. 12,440'	12,440'	5	4. 12,732'	12729'	7	WL set Depth	CTU Depth	Mins to Drill	5. 13,024'	13,022'	3	6. 13,316'	13,308'	8	7. 13,608'	13,763'	18	8. 13,900'	13,893'	7	WL set Depth	CTU Depth	Mins to Drill	9. 14,192'	14,180'	4	10. 14,484'	14,477'	13	11. 14,776'	14,774'	12	12. 15,068'	15,058'	4
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Report Date	Well User ID	Well Name	Supervisor	Primary Activity	Daily Costs	Cum Costs
8/29/2014	43UNI431804	UNIVERSITY 43-18 4H	Simmons / Mike	RU CTU. DO Plugs.	\$85,000	\$2,024,451





**Energen Resources Corp.**

605 Richard Arrington Blvd.

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R E S O U R C E S

## Wellwork AFE Daily Report

Date : 8/29/2014

debris etc. Bring N2 up to 1200 and fluid to 1 bpm and have flowback to surge well. Cut N2, bring fluid rate to 3 bpm w/ 4.5 bpm returns. Have made hole from 15320 to 15277 since 03:00 AM. Pumping gel sweeps, pipe on pipe and circulating at time continue to work coil up lateral at time of this report. Pumped 2640 bbls fluid w/drill out. Recovered 3540 bbls total. CP 3,450 psig.SDFN. Total BLWTR = 53,525 bbls Next Day's Operations: RU WL. Set pkr. ND frac stack. MI & spot service unit & tbq. Daily Cost: \$85,000.00 Cumulative Cost: \$2,080,066.00
--

Daily Cost Details					
Cost Type	Code	Vendor	Remarks	Daily Exp	Cum Exp
IDC - COMPANY SUPER	20.950.020	DOC Consulting	Consultant	\$1,500	\$10,500
IDC - COMPANY SUPER	20.950.020	MEL Consulting LLC	Consultant	\$1,500	\$10,500
IDC - DRILL - DOWNHOL	20.950.113	Baker Hughes Inteq	Mill, motor, & BHA	\$18,000	\$22,000
IDC - DRILL - DOWNHOL	20.950.113	Broncs	Flow back manifold, plug catch	\$4,000	\$22,000
IDC - F&C - EQUIPMENT	20.950.203	Light Tower Power	Lights	\$400	\$400
IDC - F&C - COIL TUBIN	20.950.209	Red Zone	2" CT	\$56,000	\$56,000
IDC - F&C - SURFACE R	20.950.212	Broncs	Stack rental	\$2,400	\$110,500
IDC - F&C - SURFACE R	20.950.212	Light Tower Power	Trailer rental	\$500	\$110,500
IDC - F&C - SURFACE R	20.950.212	Sunbelt	Man & forklift	\$700	\$110,500
<b>Total for IDC:</b>				\$85,000	\$2,019,451
<b>Daily / Well Cumulative Total:</b>				\$85,000	
<b>Total Project Cost:</b>					\$2,024,451

Report Date	Well User ID	Well Name	Supervisor	Primary Activity	Daily Costs	Cum Costs
8/29/2014	43UNI431804	UNIVERSITY 43-18 4H	Simmons / Mike	RU CTU. DO Plugs.	\$85,000	\$2,024,451



**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 : 8/30/2014

<b>Well Name : UNIVERSITY 43-18 4H</b>					
Prospect:	Sandridge			AFE #:	PB031514
Sec/Twp/Rge:	43 / /			AFE Total:	\$6,834,750
API #:	4247536680	Field:	GEORGES (BONE SP	Daily Cost:	\$70,170
Work Type:	Completion	County , St.:	WARD, TX	Project Cost:	\$70,170
Operator:	Energen Resources Corp.	Supervisor:	Greg Foster	This AFE Cost:	\$2,823,983
Rig Name:		Phone:		Total with Assoc:	\$2,823,983
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:
<b>Daily Detail :</b> Morning Report for 8/30/14 Operation report for 8/29/14 hold safety meeting POOH W/coil tbg. Bump up in lubricator close well in bleed psi off lubricator.L/D mill and motor ,N/D BOP ,R/D coil unit ,hook pump to csg. 400 bbls of PKR fluid R/D pump.MIRU Cornell wireline and crane N/U lubricator N/U BOP and pick up pkr 7" Arrowset 10K WL PKR with 2.31 XN nipple on top,with 2 7/8" sub w/ 10K glass disk,2 7/8"wireline re-entry guide bottom .Test lubricator to 8000 psi did not test L/D Lubricator repair hi psi line P/U lubricator retest pump broke down .Open well RIH PKR assembly and set pkr @ 10,080' PUH 50' RIH tag PKR POOH w/wireline.Bleed off pkr insure pkr holding.RDMO Cornell and crane .N/D flowcross N/D frac stack above bottom frac valve N/U broncs 10K BOP w / 2 7/8" rams.MIRU WOR and laydown machine. Secure well for the night.in morning TIH w/tbg Daily cost 70,170.00 cumulative cost 2,094621.00					

Daily Cost Details					
Cost Type	Code	Vendor	Remarks	Daily Exp	Cum Exp
IDC - COMPANY SUPER	20.950.020	MEL Consulting LLC	Consultant	\$1,500	\$12,000
IDC - VEHICLES	20.950.050	Riley Industrial Services	crane	\$5,500	\$5,500
IDC - DRILL - DOWNHOL	20.950.113	Broncs	Flow back manifold, plug catch	\$4,000	\$31,550
IDC - DRILL - DOWNHOL	20.950.113	Paker		\$5,550	\$31,550
IDC - F&C - SPECIAL SE	20.950.206	Cornell wireline	wireline	\$9,020	\$191,759
IDC - F&C - COIL TUBIN	20.950.209	Red Zone	2" CT	\$41,500	\$97,500
IDC - F&C - SURFACE R	20.950.212	B&M	toilets and trash trailer	\$200	\$113,600
IDC - F&C - SURFACE R	20.950.212	Broncs	Stack rental	\$2,400	\$113,600
IDC - F&C - SURFACE R	20.950.212	Light Tower Power	trailer and light plants	\$500	\$113,600
<b>Total for IDC:</b>				\$70,170	\$70,170
<b>Daily / Well Cumulative Total:</b>				\$70,170	
<b>Total Project Cost:</b>					\$70,170

Report Date	Well User ID	Well Name	Supervisor	Primary Activity	Daily Costs	Cum Costs
8/30/2014	43UNI431804	UNIVERSITY 43-18 4H	Greg Foster	coil tbg R/U wireline set	\$70,170	\$70,170



**Energen Resources Corp.**

605 Richard Arrington Blvd.

Birmingham, AL 35205

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R E S O U R C E S

## Wellwork AFE Daily Report

Date : 8/30/2014

<b>Well Name : UNIVERSITY 43-18 4H</b>					
Prospect:	Sandridge			AFE #:	PB031514
Sec/Twp/Rge:	43 / /			AFE Total:	\$6,834,750
API #:	4247536680	Field:	GEORGES (BONE SP	Daily Cost:	\$71,920
Work Type:	Completion	County , St.:	WARD, TX	Project Cost:	\$2,096,371
Operator:	Energen Resources Corp.	Supervisor:	Greg Foster	This AFE Cost:	\$2,823,983
Rig Name:		Phone:		Total with Assoc:	\$2,823,983
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:
Daily Detail : Morning Report for 8/30/14 Operation report for 8/29/14 hold safety meeting POOH W/coil tbg. Bump up in lubricator close well in bleed psi off lubricator.L/D mill and motor ,N/D BOP ,R/D coil unit ,hook pump to csg. 400 bbls of PKR fluid R/D pump.MIRU Cornell wireline and crane N/U lubricator N/U BOP and pick up pkr 7" Arrowset 10K WL PKR with 2.31 XN nipple on top,with 2 7/8" sub w/ 10K glass disk,2 7/8"wireline re-entry guide bottom .Test lubricator to 8000 psi did not test L/D Lubricator repair hi psi line P/U lubricator retest pump broke down .Open well RIH PKR assembly and set pkr @ 10,080' PUH 50' RIH tag PKR POOH w/wireline.Bleed off pkr insure pkr holding.RDMO Cornell and crane .N/D flowcross N/D frac stack above bottom frac valve N/U broncs 10K BOP w / 2 7/8" rams.MIRU WOR and laydown machine. Secure well for the night.in morning TIH w/tbg Daily cost 70,170.00 cumulative cost 2,094621.00					

Daily Cost Details					
Cost Type	Code	Vendor	Remarks	Daily Exp	Cum Exp
IDC - COMPANY SUPER	20.950.020	BedRock	Supervision	\$1,500	\$13,500
IDC - DRILL - SURFACE	20.950.114	Light Tower Power	Trailer Rental	\$500	\$13,000
IDC - F&C - EQUIPMENT	20.950.203	Riley Industrial Services	Crane rental	\$5,500	\$5,900
IDC - F&C - SPECIAL SE	20.950.206	Cornell	wireline	\$9,020	\$205,779
IDC - F&C - SPECIAL SE	20.950.206	Reliable Trucking	Vac Trucks	\$5,000	\$205,779
IDC - F&C - COIL TUBIN	20.950.209	Red Zone	coiltbg	\$41,400	\$138,900
IDC - F&C - DOWNHOLE	20.950.211	Baker Hughes Inteq	motor and mill	\$5,500	\$5,500
IDC - F&C - SURFACE R	20.950.212	Broncs	Frac Stack	\$2,400	\$117,100
IDC - F&C - SURFACE R	20.950.212	Light Tower Power	Lights	\$400	\$117,100
IDC - F&C - SURFACE R	20.950.212	Sun Belt	Man & Fork Lift	\$700	\$117,100
<b>Total for IDC:</b>				\$71,920	\$2,091,371
<b>Daily / Well Cumulative Total:</b>				\$71,920	
<b>Total Project Cost:</b>					\$2,096,371

Report Date	Well User ID	Well Name	Supervisor	Primary Activity	Daily Costs	Cum Costs
8/30/2014	43UNI431804	UNIVERSITY 43-18 4H	Greg Foster	Coil-Tubing Unit RU wire	\$71,920	\$2,096,371



**Energen Resources Corp.**

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**R E S O U R C E S**

## Wellwork AFE Daily Report

Date : 8/31/2014

Well Name : UNIVERSITY 43-18 4H									
Prospect:		Sandridge			AFE #:		PB031514		
Sec/Twp/Rge:		43 / /			AFE Total:		\$6,834,750		
API #:		4247536680	Field:		GEORGES (BONE SP		Daily Cost:	\$30,290	
Work Type:		Completion	County , St.:		WARD, TX		Project Cost:	\$100,460	
Operator:		gen Resources Corpora		Supervisor:		Greg Foster		This AFE Cost:	\$2,823,983
Rig Name:			Phone:			Total with Assoc:		\$2,823,983	
Production Current/Expected		Oil:	0 / 0		Gas:	0 / 0		Water:	0 / 0
Daily Detail :		Morning report for 8/31/14 operation report for 8/30/14 Hold safety meeting check pressure 0 psi.TIH w /tbg 2 7/8" L-80 6.5# 8rd W/on off tool overshot .Land tbg 12 pnts. compression space out tbg 306 jnts 2 7/8"L-80 6.5#, 1 6' 2 7/8L-80 6.5#, pup 1 10' 2 7/8" L-80 6.5# 1jnt 32'.67" 2 7/8" L-80 6.5#.N/D BOP and N/U 10K production tree .PSI test inner seal to 5K .RU Precision slick line and pump truck RIH w/dual chisel assembly break disk in PKR. POOH w/slickline RD Precision slick line and pump truck.RDMO work over rig.Turn well over to flow back flow test 12/64 choke.							

Daily Cost Details					
Cost Type	Code	Vendor	Remarks	Daily Exp	Cum Exp
IDC - COMPANY SUPER	20.950.020	Bedrock	consulting	\$1,500	\$15,000
IDC - F&C - EQUIPMENT	20.950.203	Sunbelt	forklift manlift	\$250	\$6,150
IDC - F&C - HAULING &	20.950.205	RTI	Vaccum trucks and pumptruck	\$6,500	\$31,000
IDC - F&C - SPECIAL SE	20.950.206	Precision pressure	slick line	\$2,800	\$218,319
IDC - F&C - SPECIAL SE	20.950.206	Whitaker	PKR	\$9,740	\$218,319
IDC - F&C - COMPLETIO	20.950.208	Choctaw	work over rig	\$5,500	\$5,500
IDC - F&C - SURFACE R	20.950.212	Bronc	choke and manifold and flow ba	\$3,500	\$121,100
IDC - F&C - SURFACE R	20.950.212	Light Tower Power	trailer light plants	\$500	\$121,100
Total for IDC:				\$30,290	\$100,460
Daily / Well Cumulative Total:				\$30,290	
Total Project Cost:					\$100,460

Report Date	Well User ID	Well Name	Supervisor	Primary Activity	Daily Costs	Cum Costs
8/31/2014	43UNI431804	UNIVERSITY 43-18 4H	Greg Foster	G, ND BOP, NU WH, FIN	\$30,290	\$100,460



**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 : 8/31/2014**

Well Name : UNIVERSITY 43-18 4H							
Prospect:	Sandridge				AFE #:	PB031514	
Sec/Twp/Rge:	43 / /				AFE Total:	\$6,834,750	
API #:	4247536680	Field:	GEORGES (BONE SP		Daily Cost:	\$0	
Work Type:	Completion	County , St.:	WARD, TX		Project Cost:	\$0	
Operator:	Energen Resources Corp.	Supervisor:	Greg Foster		This AFE Cost:	\$2,823,983	
Rig Name:		Phone:			Total with Assoc:	\$2,823,983	
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0	
Daily Detail :	Morning report for 8/31/14 operation report for 8/30/14 Hold safety meeting check pressure 0 psi.TIH w /tbg 2 7/8" L-80 6.5# 8rd W/on off tool overshot .Land tbg 12 pnts. compression space out tbg 306 jnts 2 7/8"L-80 6.5#, 1 6' 2 7/8L-80 6.5#, pup 1 10' 2 7/8" L-80 6.5# 1jnt 32'.67" 2 7/8" L-80 6.5#.N/D BOP and N/U 10K production tree .PSI test inner seal to 5K .RU Precision slick line and pump truck RIH w/dual chisel assembly break disk in PKR. POOH w/slickline RD Precision slick line and pump truck.RDMO work over rig.Turn well over to flow back flow test 12/64 choke.						

Report Date	Well User ID	Well Name	Supervisor	Primary Activity	Daily Costs	Cum Costs
8/31/2014	43UNI431804	UNIVERSITY 43-18 4H	Greg Foster	TIH LAND TUBING	\$0	\$0



**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 : 8/31/2014

Well Name : UNIVERSITY 43-18 4H									
Prospect:		Sandridge			AFE #:		PB031514		
Sec/Twp/Rge:		43 / /			AFE Total:		\$6,834,750		
API #:		4247536680	Field:		GEORGES (BONE SP		Daily Cost:	\$29,940	
Work Type:		Completion	County , St.:		WARD, TX		Project Cost:	\$2,126,311	
Operator:		gen Resources Corpora		Supervisor:		Greg Foster		This AFE Cost:	\$2,823,983
Rig Name:			Phone:			Total with Assoc:		\$2,823,983	
Production Current/Expected		Oil:	0 / 0		Gas:	0 / 0		Water:	0 / 0
Daily Detail :		Morning report for 8/31/14 operation report for 8/30/14 Hold safety meeting check pressure 0 psi.TIH w /tbg 2 7/8" L-80 6.5# 8rd W/on off tool overshot .Land tbg 12 pnts. compression space out tbg 306 jnts 2 7/8"L-80 6.5#, 1 6' 2 7/8L-80 6.5#, pup 1 10' 2 7/8" L-80 6.5# 1jnt 32'.67" 2 7/8" L-80 6.5#.N/D BOP and N/U 10K production tree .PSI test inner seal to 5K .RU Precision slick line and pump truck RIH w/dual chisel assembly break disk in PKR. POOH w/slickline RD Precision slick line and pump truck.RDMO work over rig.Turn well over to flow back flow test 12/64 choke.open well 3000 psi							

Daily Cost Details					
Cost Type	Code	Vendor	Remarks	Daily Exp	Cum Exp
IDC - COMPANY SUPER	20.950.020	Bedrock	consultant	\$1,500	\$16,500
IDC - F&C - HAULING &	20.950.205	RTI	pump truck vaccum trucks	\$5,500	\$36,500
IDC - F&C - SPECIAL SE	20.950.206	Precision Pressure	Slick line	\$2,800	\$230,859
IDC - F&C - SPECIAL SE	20.950.206	Whitaker	pkr	\$9,740	\$230,859
IDC - F&C - COMPLETIO	20.950.208	Choctaw	completion rig	\$4,500	\$10,000
IDC - F&C - SURFACE R	20.950.212	B&M	toilets trash	\$200	\$127,000
IDC - F&C - SURFACE R	20.950.212	Bronc	flow back equipment flow back	\$4,500	\$127,000
IDC - F&C - SURFACE R	20.950.212	Light Tower Power	trailer light plants	\$500	\$127,000
IDC - F&C - SURFACE R	20.950.212	Sunbelt	fork lift man lift	\$700	\$127,000
Total for IDC:				\$29,940	\$2,121,311
Daily / Well Cumulative Total:				\$29,940	
Total Project Cost:					\$2,126,311

Report Date	Well User ID	Well Name	Supervisor	Primary Activity	Daily Costs	Cum Costs
8/31/2014	43UNI431804	UNIVERSITY 43-18 4H	Greg Foster	ND TBG,ND BOP NU we	\$29,940	\$2,126,311



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R E S O U R C E S

## Wellwork AFE Daily Report

Date : 9/4/2014

Well Name : UNIVERSITY 43-18 4H					
Prospect:	Sandridge			AFE #:	PB031514
Sec/Twp/Rge:	43 / /			AFE Total:	\$6,834,750
API #:	4247536680	Field:	GEORGES (BONE SP	Daily Cost:	\$9,900
Work Type:	Completion	County , St.:	WARD, TX	Project Cost:	\$2,165,911
Operator:	gen Resources Corpora	Supervisor:	Wendell Simmons	This AFE Cost:	\$2,863,583
Rig Name:		Phone:		Total with Assoc:	\$2,863,583
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:
Daily Detail : University 43-18 #4H (Completion) Morning Report for 9/4/14- Operations on 9/3/14 Flow test well for 24 hours on 20/64 choke @ 3,100 FTP. 0 SICP. Oil 118 bbls. Avg rate 4.9 bbls/hr. Gas spot rate: 351 MCF. Gas Sales 275 MCF/D. Turned well through test separator @ 11:00 AM sending gas & water to production battery. H2O 1,747 bbls. Avg rate 72.79 bbl/hr. Light trace of sand. Chlorides 21,841 PPM. Original frac load to recover is 54,425 bbls. Total LYTR is 47,799 bbls. 12 % of load recovered. 9 loads H2O hauled to Public SWD. Total oil sold for day: 0 Oil on location: 252 bbls. Chemical Use: Defoamer: 0 GPD. Emulsifier: 0 GPD. Daily Cost-\$9,900.00 Cumulative Cost-\$2,165,911.00 Next Day's Operations 9/4/14: Flow test well on 22/64 choke.					

Daily Cost Details					
Cost Type	Code	Vendor	Remarks	Daily Exp	Cum Exp
IDC - COMPANY LABOR	20.950.010	DOC	Supervision	\$1,500	\$6,000
IDC - F&C - SPECIAL SE	20.950.206	Reliable Transport	Vac Trucks	\$2,500	\$240,859
IDC - F&C - SURFACE R	20.950.212	B&M	toilets trash	\$200	\$150,600
IDC - F&C - SURFACE R	20.950.212	Bronc	flow back equipment flow back	\$4,500	\$150,600
IDC - F&C - SURFACE R	20.950.212	Light Tower Power	trailer light plants	\$500	\$150,600
IDC - F&C - SURFACE R	20.950.212	Sunbelt	fork lift man lift	\$700	\$150,600
Total for IDC:				\$9,900	\$2,160,911
Daily / Well Cumulative Total:				\$9,900	
Total Project Cost:					\$2,165,911

Report Date	Well User ID	Well Name	Supervisor	Primary Activity	Daily Costs	Cum Costs
9/4/2014	43UNI431804	UNIVERSITY 43-18 4H	Wendell Simmon	Flow Test	\$9,900	\$2,165,911



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**R E S O U R C E S**

**Wellwork AFE Daily Report**

**Date : 9/5/2014**

Well Name : UNIVERSITY 43-18 4H										
Prospect:		Sandridge				AFE #:		PB031514		
Sec/Twp/Rge:		43 / /				AFE Total:		\$6,834,750		
API #:		4247536680		Field:		GEORGES (BONE SP		Daily Cost:		\$9,900
Work Type:		Completion		County , St.:		WARD, TX		Project Cost:		\$2,175,811
Operator:		gen Resources Corpora		Supervisor:		Wendell Simmons		This AFE Cost:		\$2,873,483
Rig Name:				Phone:				Total with Assoc:		\$2,873,483
Production Current/Expected		Oil:	0 / 0		Gas:	0 / 0		Water:	0 / 0	

Daily Detail :	University 43-18 #4H (Completion)
	Morning Report for 9/5/14- Operations on 9/4/14
	Flow test well for 24 hour through test separator on 22/64 choke @ 2,700 FTP. 0 SICP.
	Oil 243 bbls. Avg rate 10 bbls/hr.
	Gas spot rate: 1435 MCF. Gas Sales 1379 MCF/D sending gas & water to production battery.
	H2O 2,099 bbls. Avg rate 89 bbl/hr.
	Light trace of sand. Chlorides 23,528 PPM. Original frac load to recover is 54,425 bbls. Total LYTR is 45,700 bbls. 16 % of load recovered. 2 loads H2O hauled to Public SWD.
	Total oil sold for day: 0 Oil on location: 495 bbls.
	Chemical Use: Defoamer: 4.5 GPD. Emulsifier: 2.5 GPD.
	Daily Cost-\$9,900.00 Cumulative Cost-\$2,175,811.00 Next Day's Operations 9/5/14: Flow test well on 24/64" choke for IP Test.

Daily Cost Details					
Cost Type	Code	Vendor	Remarks	Daily Exp	Cum Exp
IDC - COMPANY LABOR	20.950.010	DOC	Supervision	\$1,500	\$7,500
IDC - F&C - SPECIAL SE	20.950.206	Reliable Transport	Vac Trucks	\$2,500	\$243,359
IDC - F&C - SURFACE R	20.950.212	B&M	toilets trash	\$200	\$156,500
IDC - F&C - SURFACE R	20.950.212	Bronc	flow back equipment flow back	\$4,500	\$156,500
IDC - F&C - SURFACE R	20.950.212	Light Tower Power	trailer light plants	\$500	\$156,500
IDC - F&C - SURFACE R	20.950.212	Sunbelt	fork lift man lift	\$700	\$156,500
<b>Total for IDC:</b>				\$9,900	\$2,170,811
<b>Daily / Well Cumulative Total:</b>				\$9,900	
<b>Total Project Cost:</b>					\$2,175,811

Report Date	Well User ID	Well Name	Supervisor	Primary Activity	Daily Costs	Cum Costs
9/5/2014	43UNI431804	UNIVERSITY 43-18 4H	Wendell Simmons	Test on 24/64" ck for 24	\$9,900	\$2,175,811





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**R E S O U R C E S**

**Wellwork AFE Daily Report**

**Date : 9/6/2014**

Well Name : UNIVERSITY 43-18 4H										
Prospect:		Sandridge				AFE #:		PB031514		
Sec/Twp/Rge:		43 / /				AFE Total:		\$6,834,750		
API #:		4247536680		Field:		GEORGES (BONE SP		Daily Cost:		\$9,900
Work Type:		Completion		County , St.:		WARD, TX		Project Cost:		\$2,185,711
Operator:		ngen Resources Corpora		Supervisor:		Wendell Simmons		This AFE Cost:		\$2,903,183
Rig Name:				Phone:				Total with Assoc:		\$2,903,183
Production Current/Expected		Oil:	0 / 0		Gas:	0 / 0		Water:	0 / 0	

Daily Detail :	University 43-18 #4H (Completion)
	Morning Report for 9/6/14- Operations on 9/5/14
	Flow test well for 24 hour through test separator on 24/64 choke for IP test @ 2,600 FTP. 0 SICP.
	Oil 328 bbls. Avg rate 13.6 bbls/hr.
	Gas spot rate: 1679 MCF. Gas Sales 1491 MCF/D sending gas & water to production battery.
	H2O 2,489 bbls. Avg rate 103.7 bbl/hr.
	Medium trace of sand. Chlorides 23,258 PPM. Original frac load to recover is 54,425 bbls. Total LYTR is 43,211 bbls. 20.6 % of load recovered. 2 loads H2O hauled to Public SWD.
	Total oil sold for day: 0 Oil on location: 823 bbls.
	Chemical Use: Defoamer: 4.5 GPD. Emulsifier: 2.5 GPD.
	Daily Cost-\$9,900.00. Cumulative Cost - \$2,185,711.00 Next Day's Operations 9/6/14: Flow test well on 24/64" choke.

Daily Cost Details					
Cost Type	Code	Vendor	Remarks	Daily Exp	Cum Exp
IDC - COMPANY LABOR	20.950.010	DOC	Supervision	\$1,500	\$9,000
IDC - F&C - SPECIAL SE	20.950.206	Reliable Transport	Vac Trucks	\$2,500	\$245,859
IDC - F&C - SURFACE R	20.950.212	B&M	toilets trash	\$200	\$162,400
IDC - F&C - SURFACE R	20.950.212	Bronc	flow back equipment flow back	\$4,500	\$162,400
IDC - F&C - SURFACE R	20.950.212	Light Tower Power	trailer light plants	\$500	\$162,400
IDC - F&C - SURFACE R	20.950.212	Sunbelt	fork lift man lift	\$700	\$162,400
<b>Total for IDC:</b>				\$9,900	\$2,180,711
<b>Daily / Well Cumulative Total:</b>				\$9,900	
<b>Total Project Cost:</b>					\$2,185,711

Report Date	Well User ID	Well Name	Supervisor	Primary Activity	Daily Costs	Cum Costs
9/6/2014	43UNI431804	UNIVERSITY 43-18 4H	Wendell Simmon	Flow Test	\$9,900	\$2,185,711



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R E S O U R C E S

## Wellwork AFE Daily Report

Date : 9/7/2014

Well Name : UNIVERSITY 43-18 4H					
Prospect:	Sandridge			AFE #:	PB031514
Sec/Twp/Rge:	43 / /			AFE Total:	\$6,834,750
API #:	4247536680	Field:	GEORGES (BONE SP	Daily Cost:	\$9,900
Work Type:	Completion	County , St.:	WARD, TX	Project Cost:	\$2,195,611
Operator:	gen Resources Corpora	Supervisor:	Wendell Simmons	This AFE Cost:	\$2,903,183
Rig Name:		Phone:		Total with Assoc:	\$2,903,183
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:
Daily Detail : University 43-18 #4H (Completion) Morning Report for 9/7/14- Operations on 9/6/14 Flow test well for 24 hour through test separator on 24/64 choke @ 2,550 FTP. 0 SICP. Oil 267 bbls. Avg rate 11.3 bbls/hr. Gas spot rate: 1487 MCF. Gas Sales 1537 MCF/D sending gas & water to production battery. H2O 2,378 bbls. Avg rate 101.2 bbl/hr. Medium trace of sand. Chlorides 26,362PPM. Original frac load to recover is 54,425 bbls. Total LYTR is 40,734 bbls. 25 % of load recovered. 2 loads H2O hauled to Public SWD. Total oil sold for day: 0 Oil on location: 1090 bbls. Chemical Use: Defoamer: 4.5 GPD. Emulsifier: 2.5 GPD. Daily Cost-\$9,900.00 Cumulative Cost- \$2,195,611.00. Next Day's Operations 9/7/14: Flow test well on 22/64" choke.					
Daily Cost Details					
Cost Type	Code	Vendor	Remarks	Daily Exp	Cum Exp
IDC - COMPANY LABOR	20.950.010	DOC	Supervision	\$1,500	\$10,500
IDC - F&C - SPECIAL SE	20.950.206	Reliable Transport	Vac Trucks	\$2,500	\$248,359
IDC - F&C - SURFACE R	20.950.212	B&M	toilets trash	\$200	\$168,300
IDC - F&C - SURFACE R	20.950.212	Bronc	flow back equipment flow back	\$4,500	\$168,300
IDC - F&C - SURFACE R	20.950.212	Light Tower Power	trailer light plants	\$500	\$168,300
IDC - F&C - SURFACE R	20.950.212	Sunbelt	fork lift man lift	\$700	\$168,300
<b>Total for IDC:</b>				\$9,900	\$2,190,611
<b>Daily / Well Cumulative Total:</b>				\$9,900	
<b>Total Project Cost:</b>					\$2,195,611

Report Date	Well User ID	Well Name	Supervisor	Primary Activity	Daily Costs	Cum Costs
9/7/2014	43UNI431804	UNIVERSITY 43-18 4H	Wendell Simmon	Flow Test	\$9,900	\$2,195,611



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R E S O U R C E S

## Wellwork AFE Daily Report

Date : 9/8/2014

Well Name : UNIVERSITY 43-18 4H					
Prospect:	Sandridge			AFE #:	PB031514
Sec/Twp/Rge:	43 / /			AFE Total:	\$6,834,750
API #:	4247536680	Field:	GEORGES (BONE SP	Daily Cost:	\$9,900
Work Type:	Completion	County , St.:	WARD, TX	Project Cost:	\$2,205,511
Operator:	ngen Resources Corpora	Supervisor:	Wendell Simmons	This AFE Cost:	\$2,903,183
Rig Name:		Phone:		Total with Assoc:	\$2,903,183
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:
Daily Detail : University 43-18 #4H (Completion) Morning Report for 9/8/14 - Operations on 9/7/14 Flow test well for 24 hour through test separator on 22/64 choke @ 2,450 FTP. 0 SICP. Oil 221 bbls. Avg rate 9.2 bbls/hr. Gas spot rate: 1631 MCF. Gas Sales 1619 MCF/D sending gas & water to production battery. H2O 2,230 bbls. Avg rate 92.91 bbl/hr. Light trace of sand. Chlorides 26,362PPM. Original frac load to recover is 54,425 bbls. Total LYTR is 38,513 bbls. 29.2 % of load recovered. 2 loads H2O hauled to Public SWD. Total oil sold for day: 0 bbls. Oil on location: 1310 bbls. Chemical Use: Defoamer: 4.5 GPD. Emulsifier: 2.5 GPD. Daily Cost-\$9,900.00 Cumulative Cost- \$2,205,511.00. Next Day's Operations 9/8/14: Flow test well on 22/64" choke. Turn oil to production battery. Monitor 24 hrs. TWOTP.					
Daily Cost Details					
Cost Type	Code	Vendor	Remarks	Daily Exp	Cum Exp
IDC - COMPANY LABOR	20.950.010	DOC	Supervision	\$1,500	\$12,000
IDC - F&C - SPECIAL SE	20.950.206	Reliable Transport	Vac Trucks	\$2,500	\$250,859
IDC - F&C - SURFACE R	20.950.212	B&M	toilets trash	\$200	\$174,200
IDC - F&C - SURFACE R	20.950.212	Bronc	flow back equipment flow back	\$4,500	\$174,200
IDC - F&C - SURFACE R	20.950.212	Light Tower Power	trailer light plants	\$500	\$174,200
IDC - F&C - SURFACE R	20.950.212	Sunbelt	fork lift man lift	\$700	\$174,200
<b>Total for IDC:</b>				\$9,900	\$2,200,511
<b>Daily / Well Cumulative Total:</b>				\$9,900	
<b>Total Project Cost:</b>					\$2,205,511

Report Date	Well User ID	Well Name	Supervisor	Primary Activity	Daily Costs	Cum Costs
9/8/2014	43UNI431804	UNIVERSITY 43-18 4H	Wendell Simmon	Flow Test	\$9,900	\$2,205,511



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R E S O U R C E S

## Wellwork AFE Daily Report

Date : 9/9/2014

Well Name : UNIVERSITY 43-18 4H					
Prospect:	Sandridge			AFE #:	PB031514
Sec/Twp/Rge:	43 / /			AFE Total:	\$6,834,750
API #:	4247536680	Field:	GEORGES (BONE SP	Daily Cost:	\$9,900
Work Type:	Completion	County , St.:	WARD, TX	Project Cost:	\$2,215,411
Operator:	gen Resources Corpora	Supervisor:	Wendell Simmons	This AFE Cost:	\$2,913,083
Rig Name:		Phone:		Total with Assoc:	\$2,913,083
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:
Daily Detail : University 43-18 #4H (Completion) Morning Report for 9/9/14 - Operations on 9/8/14 Flow test well for 12 hour through test separator on 22/64 choke @ 2,400 FTP. 0 SICP. Oil 112 bbls. Avg rate 9.3 bbls/hr. Gas spot rate: 1566 MCF. Gas Sales 802 MCF/D sending gas & water to production battery. H2O 1,025 bbls. Avg rate 85.4 bbl/hr. Light trace of sand. Chlorides 26,362PPM. Original frac load to recover is 54,425 bbls. Total LYTR is 37,488 bbls. 31 % of load recovered. 1 load H2O hauled to Public SWD. Total oil sold for day: 0 bbls. Oil on location: 1422 bbls. Chemical Use: Defoamer: 4.5 GPD. Emulsifier: 2.5 GPD. Turned Well through Production Facility @ 16:00 hrs. Flow Back crew will monitor production battery for 24 hrs. TWOTP. Release all rental equip. Final Report Daily Cost-\$9,900.00 Cumulative Cost- \$2,215,411.00. Next Day's Operations 9/8/14: Flow Back crew will Monitor battery for 24 hrs					

Daily Cost Details					
Cost Type	Code	Vendor	Remarks	Daily Exp	Cum Exp
IDC - COMPANY LABOR	20.950.010	DOC	Supervision	\$1,500	\$13,500
IDC - F&C - SPECIAL SE	20.950.206	Reliable Transport	Vac Trucks	\$2,500	\$253,359
IDC - F&C - SURFACE R	20.950.212	B&M	toilets trash	\$200	\$180,100
IDC - F&C - SURFACE R	20.950.212	Bronc	flow back equipment flow back	\$4,500	\$180,100
IDC - F&C - SURFACE R	20.950.212	Light Tower Power	trailer light plants	\$500	\$180,100
IDC - F&C - SURFACE R	20.950.212	Sunbelt	fork lift man lift	\$700	\$180,100
Total for IDC:				\$9,900	\$2,210,411
Daily / Well Cumulative Total:				\$9,900	
Total Project Cost:					\$2,215,411

Report Date	Well User ID	Well Name	Supervisor	Primary Activity	Daily Costs	Cum Costs
9/9/2014	43UNI431804	UNIVERSITY 43-18 4H	Wendell Simmon	Well to Prod Facility. TW	\$9,900	\$2,215,411