



Well Name: UNIVERSITY 17-18 2H

Surface Location: 400 FSWL, 567 FNWL / Bottom Hole Location: 200 FNEL, 567 FNWL - WARD, TX

Report No:	1	Rpt T. Activity:	Move & RU	AFE #:	PB100912		
Operation Desc:	MIRU			AFE Total:	\$7,621,000		
Spud Date:	11/23/2012	API Code:	4247536255	AFE DHC:	\$4,095,500		
Days from Spud:	-4	Rig Supervisor 1:	() -	Daily Costs:	\$489,350		
Field Name:	EORGES (BONE S	Rig Supervisor 2:	() -	This AFE DHC to Date:	\$489,350		
Sec/Twn/Rng:	17 / /	Tool Pusher:	() -	This AFE CWC to Date:	\$489,350		
Start Depth(ft):	0	Formation:		Total Project Costs:	\$1,269,073		
Ending Depth(ft):	0	RKB to MSL:	2690	RKB to THF:	0	Total w/ Assoc AFEs:	\$1,269,073
TVD:	0	RKB to LMF:	0	RKB to CHF:	0	Daily Mud Costs:	\$0
Rig Company:	NABORS DRILLIN	24 Hr. Footage:	0	Develop To:	0	Cum Mud Costs:	\$0
Rig Name:	NABORS RIG #F-	Location Survey:	UNIVERSITY LAND SURVEY	Abstract:	U96		

24-Hour Summary/Remarks:
RD ON BUSHMASTER 1-58 #3 AND START MOVE TO LOCATION.

0 HRS RIG DOWNTIME
DAILY COST- \$ 489,350
CUMULATIVE COST- \$489,350
CMOL: FRED RAY

Next Day Operations: MIRU

Surveys											
Survey No.	Survey Date	Tie In	Meas. Depth	Inclination	Azimuth	Des Azi	TVD	Vert Sect	N/S(+/-)	E/W(+/-)	DLS
8	11/26/2011	<input type="checkbox"/>	3753	1.20	0.00	0.00	3341.00	69.63	69.63	0.00	0.07
9	11/26/2011	<input type="checkbox"/>	3869	1.40	0.00	0.00	3456.98	72.26	72.26	0.00	0.17
10	11/26/2011	<input type="checkbox"/>	4242	1.00	0.00	0.00	3829.89	80.07	80.07	0.00	0.11

BOP Test and Inspection Dates			
Last BOP Test:		Days Since BOP Tested:	0
Last BOP Drill Date:		BOP Test Due:	

Hours Summary (Daily / Cumulative)											
Drilling	0.00 / 0	Rotating	0.00 / 0	Trips	0.00 / 0	Circulating	0.00 / 0	Down	0.00 / 0	Other	24.00 / 24

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	24.00	MR	RD AT BUSHMASTER 1-58 #3. START MOVE TO LOCATION.	0	0	NIH
Total:	24.00					

Drilling Data							
Hook Load:	0	Pick Up:	0	Slack Off:	0	Over Pull:	0
ROP:	0.00	Pres on Bot:	0	Press Off Bot:	0	Kickoff Depth:	0
WOB:		Rotary RPM:	0	Motor RPM:	0	Torque:	0
BHA Hours:	0.00	Crew Status:		Remarks:			

Daily Bits																	
BHA	Bit	Date In	Size	Manufac.	Type	Serial No.	In	Out	Ftg	Tot Ftg	Hrs	Tot Hrs	ROP	WOB	RPM	MRPM	Torq
2	2	11/29/2011	8.75	SMITH	MSI813	JS3403	4884	4884	0	0	0.00	0.00	0.0	0.0			0
Date Out			Jets	12 / 12 / 12 / 12 / 12 / 12 / 12 / 0 / 0	TFA	0.66	Char (I/O/D/O/L/B/G/R)										///////

Drilling Assembly						
Component	Qty	Length	OD Avg	ID Avg	Tot Length	Remarks
Bit - PDC - Fixed Cutter	1	1.00	8.750	0.000	1.00	SMITH, JG3403
Motor	1	32.13	6.500	0.000	33.13	BAKER, .28 RPG
Sub - Shock	1	10.40	6.500	2.500	43.53	
Teledrift	1	4.95	6.500	3.250	48.48	
Drill collar	1	30.94	6.500	2.750	79.42	
Stab - Roller Reamer	1	6.54	8.500	2.375	85.96	
Drill collar	1	31.94	6.500	2.750	117.90	
Stab - IB	1	6.91	8.500	2.500	124.81	
Drill collar	15	496.00	6.500	2.750	620.81	
Sub - XO	1	6.50	6.500	2.750	627.31	

Personnel Data							
Company	Service	Qty.	Hours	Company	Service	Qty.	Hours
ERVIN WELLSITE CON	Fred Ray	1	24.00				
Totals		1.00	24.00				

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
11/20/2012	1	0	Move & RU		\$489,350	\$489,350	\$7,621,000



Well Name: UNIVERSITY 17-18 2H					
Daily Cost Details					
IDC	Code	Vendor	Remarks	Daily Exp	Cum Exp
IDC - COMPANY SUPER	20.950.020	Ervin Wellsite Consultin	SUPERVISION	\$1,500	\$15,000
IDC - ROAD & SITE CON	20.950.030	Butch's Rathole	LINE RESERVE PITS	\$20,000	\$195,000
IDC - ROAD & SITE CON	20.950.030		BUILD LOCATION	\$175,000	\$195,000
IDC - DRILL - BIT & STA	20.950.101				\$12,500
IDC - DRILL - CEMENT &	20.950.102				\$176,591
IDC - DRILL - CONTRAC	20.950.103	NABORS F05	RIG	\$22,500	\$225,000
IDC - DRILL - MUD & CH	20.950.104	Venture Mud	DAILY MUD	\$0	\$16,985
IDC - DRILL - EQUIPMEN	20.950.105	YOUNGS	CAMP TRAILERS	\$1,050	\$26,520
IDC - DRILL - EQUIPMEN	20.950.105	EBI	PHONES, INTERNET, INTERC	\$150	\$26,520
IDC - DRILL - EQUIPMEN	20.950.105	CAN RIG	ROCKET	\$500	\$26,520
IDC - DRILL - EQUIPMEN	20.950.105	VENTURE EQUIPMENT	PREMIX PIT	\$150	\$26,520
IDC - DRILL - FUEL POW	20.950.106				\$67,863
IDC - DRILL - HAULING	20.950.107	Butch's Rathole	MOVE RIG	\$128,500	\$132,595
IDC - DRILL - FLUIDS	20.950.108	MR PANDO RELIABLE	FILL RESERVE PITS	\$100,000	\$102,800
IDC - F&C - SPECIAL SE	20.950.206				\$35,033
Total IDC:				\$449,350	\$1,038,267
TDC	Code	Vendor	Remarks	Daily Exp	Cum Exp
TDC - DE - CONDUCTO	20.940.101	Butch's Rathole	CONDUCTOR MOUSE HOLE	\$40,000	\$40,000
TDC - DE - SURFACE CA	20.940.106				\$184,651
TDC - SE - CASING/ WE	20.940.201				\$6,155
Total TDC:				\$40,000	\$230,806
Total Cumulative Well Costs:				\$489,350	\$1,269,073

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
11/20/2012	1	0	Move & RU		\$489,350	\$489,350	\$7,621,000



Well Name: UNIVERSITY 17-18 2H

Surface Location: 400 FSWL, 567 FNWL / Bottom Hole Location: 200 FNEL, 567 FNWL - WARD, TX

Report No:	2	Rpt T. Activity:	Move & RU	AFE #:	PB100912		
Operation Desc:	MIRU			AFE Total:	\$7,621,000		
Spud Date:	11/23/2012	API Code:	4247536255	AFE DHC:	\$4,095,500		
Days from Spud:	-3	Rig Supervisor 1:	() -	Daily Costs:	\$26,513		
Field Name:	EORGES (BONE S	Rig Supervisor 2:	() -	This AFE DHC to Date:	\$515,863		
Sec/Twn/Rng:	17 / /	Tool Pusher:	() -	This AFE CWC to Date:	\$515,863		
Start Depth(ft):	0	Formation:		Total Project Costs:	\$1,269,073		
Ending Depth(ft):	0	RKB to MSL:	2690	RKB to THF:	0	Total w/ Assoc AFEs:	\$1,269,073
TVD:	0	RKB to LMF:	0	RKB to CHF:	0	Daily Mud Costs:	\$0
Rig Company:	NABORS DRILLIN	24 Hr. Footage:	0	Develop To:	0	Cum Mud Costs:	\$0
Rig Name:	NABORS RIG #F-	Location Survey:	UNIVERSITY LAND SURVEY	Abstract:	U96		

24-Hour Summary/Remarks:
RD ON BUSHMASTER 1-58 #3 AND START MOVE TO LOCATION.

0 HRS RIG DOWNTIME
DAILY COST- \$ 26,513
CUMULATIVE COST- \$515,863
CMOL: FRED RAY

Next Day Operations: MIRU

Surveys												
Survey No.	Survey Date	Tie In	Meas. Depth	Inclination	Azimuth	Des Azi	TVD	Vert Sect	N/S(+/-)	E/W(+/-)	DLS	
8	11/26/2011	<input type="checkbox"/>	3753	1.20	0.00	0.00	3341.00	69.63	69.63	0.00	0.07	
9	11/26/2011	<input type="checkbox"/>	3869	1.40	0.00	0.00	3456.98	72.26	72.26	0.00	0.17	
10	11/26/2011	<input type="checkbox"/>	4242	1.00	0.00	0.00	3829.89	80.07	80.07	0.00	0.11	

BOP Test and Inspection Dates			
Last BOP Test:	Days Since BOP Tested:	Last Inspection:	
Last BOP Drill Date:	BOP Test Due:		

Hours Summary (Daily / Cumulative)									
Drilling	Rotating	Trips	Circulating	Down	Other				
0.00 / 0	0.00 / 0	0.00 / 0	0.00 / 0	0.00 / 0	24.00 / 48				

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	24.00	MR	MIRU NABORS F05.	0	0	NIH
Total:		24.00				

Drilling Data						
Hook Load:	Pick Up:	Slack Off:	Over Pull:			
0	0	0	0			
ROP:	Pres on Bot:	Press Off Bot:	Kickoff Depth:			
0.00	0	0	0			
WOB:	Rotary RPM:	Motor RPM:	Torque:			
	0	0	0			
BHA Hours:	Crew Status:	Remarks:				
0.00						

Daily Bits																	
BHA	Bit	Date In	Size	Manufac.	Type	Serial No.	In	Out	Ftg	Tot Ftg	Hrs	Tot Hrs	ROP	WOB	RPM	MRPM	Torq
2	2	11/29/2011	8.75	SMITH	MSI813	JS3403	4884	4884	0	0	0.00	0.00	0.0	0.0			0
Date Out		Jets		12 / 12 / 12 / 12 / 12 / 12 / 0 / 0		TFA	0.66	Char (I/O/D/O/L/B/G/R)									

Drilling Assembly						
Component	Qty	Length	OD Avg	ID Avg	Tot Length	Remarks
Bit - PDC - Fixed Cutter	1	1.00	8.750	0.000	1.00	SMITH, JG3403
Motor	1	32.13	6.500	0.000	33.13	BAKER, .28 RPG
Sub - Shock	1	10.40	6.500	2.500	43.53	
Teledrift	1	4.95	6.500	3.250	48.48	
Drill collar	1	30.94	6.500	2.750	79.42	
Stab - Roller Reamer	1	6.54	8.500	2.375	85.96	
Drill collar	1	31.94	6.500	2.750	117.90	
Stab - IB	1	6.91	8.500	2.500	124.81	
Drill collar	15	496.00	6.500	2.750	620.81	
Sub - XO	1	6.50	6.500	2.750	627.31	

Personnel Data							
Company	Service	Qty.	Hours	Company	Service	Qty.	Hours
ERC	Fred Ray	1	24.00				
Totals		1.00	24.00				

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
11/21/2012	2	0	Move & RU		\$26,513	\$515,863	\$7,621,000



Well Name: UNIVERSITY 17-18 2H					
Daily Cost Details					
IDC	Code	Vendor	Remarks	Daily Exp	Cum Exp
IDC - COMPANY SUPER	20.950.020	Ervin Wellsite Consultin	SUPERVISION	\$1,500	\$15,000
IDC - ROAD & SITE CON	20.950.030				\$195,000
IDC - DRILL - BIT & STA	20.950.101				\$12,500
IDC - DRILL - CEMENT &	20.950.102				\$176,591
IDC - DRILL - CONTRAC	20.950.103	NABORS F05	RIG	\$22,500	\$225,000
IDC - DRILL - MUD & CH	20.950.104	Venture Mud	DAILY MUD	\$0	\$16,985
IDC - DRILL - EQUIPMEN	20.950.105	EBI	PHONES, INTERNET, INTERC	\$150	\$26,520
IDC - DRILL - EQUIPMEN	20.950.105	CAN RIG	ROCKET	\$500	\$26,520
IDC - DRILL - EQUIPMEN	20.950.105	ENERGY BROADBAND	PHONE, INTERCOM	\$205	\$26,520
IDC - DRILL - EQUIPMEN	20.950.105	YOUNGS	CAMP TRAILERS	\$1,050	\$26,520
IDC - DRILL - EQUIPMEN	20.950.105	VENTURE EQUIPMENT	PREMIX PIT	\$150	\$26,520
IDC - DRILL - FUEL POW	20.950.106				\$67,863
IDC - DRILL - HAULING	20.950.107	PACCAR	HAUL BAKER AND STABIL DR	\$458	\$132,595
IDC - DRILL - FLUIDS	20.950.108				\$102,800
IDC - F&C - SPECIAL SE	20.950.206				\$35,033
Total IDC:				\$26,513	\$1,038,267
TDC	Code	Vendor	Remarks	Daily Exp	Cum Exp
TDC - DE - CONDUCTO	20.940.101				\$40,000
TDC - DE - SURFACE CA	20.940.106				\$184,651
TDC - SE - CASING/ WE	20.940.201				\$6,155
Total TDC:					\$230,806
Total Cumulative Well Costs:				\$26,513	\$1,269,073

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
11/21/2012	2	0	Move & RU		\$26,513	\$515,863	\$7,621,000



Well Name: UNIVERSITY 17-18 2H

Surface Location: 400 FSWL, 567 FNWL / Bottom Hole Location: 200 FNEL, 567 FNWL - WARD, TX

Report No:	3	Rpt T. Activity:	Move & RU	AFE #:	PB100912		
Operation Desc:	MIRU	AFE Total:	\$7,621,000				
Spud Date:	11/23/2012	API Code:	4247536255	AFE DHC:	\$4,095,500		
Days from Spud:	-2	Rig Supervisor 1:	() -	Daily Costs:	\$71,892		
Field Name:	EORGES (BONE S	Rig Supervisor 2:	() -	This AFE DHC to Date:	\$587,755		
Sec/Twn/Rng:	17 / /	Tool Pusher:	() -	This AFE CWC to Date:	\$587,755		
Start Depth(ft):	0	Formation:		Total Project Costs:	\$1,269,073		
Ending Depth(ft):	0	RKB to MSL:	2690	RKB to THF:	0	Total w/ Assoc AFEs:	\$1,269,073
TVD:	0	RKB to LMF:	0	RKB to CHF:	0	Daily Mud Costs:	\$0
Rig Company:	NABORS DRILLIN	24 Hr. Footage:	0	Develop To:	0	Cum Mud Costs:	\$0
Rig Name:	NABORS RIG #F-	Location Survey:	UNIVERSITY LAND SURVEY	Abstract:	U96		

24-Hour Summary/Remarks:
MIRU NABORS F05. RAISE SUB AND DERRICK,
0 HRS RIG DOWNTIME
DAILY COST- \$ 71,882
CUMULATIVE COST- \$587,755
CMOL: FRED RAY

Next Day Operations: RU EQUIPMENT.

Surveys											
Survey No.	Survey Date	Tie In	Meas. Depth	Inclination	Azimuth	Des Azi	TVD	Vert Sect	N/S(+/-)	E/W(+/-)	DLS
8	11/26/2011	<input type="checkbox"/>	3753	1.20	0.00	0.00	3341.00	69.63	69.63	0.00	0.07
9	11/26/2011	<input type="checkbox"/>	3869	1.40	0.00	0.00	3456.98	72.26	72.26	0.00	0.17
10	11/26/2011	<input type="checkbox"/>	4242	1.00	0.00	0.00	3829.89	80.07	80.07	0.00	0.11

BOP Test and Inspection Dates			
Last BOP Test:	Days Since BOP Tested:	Last Inspection:	
Last BOP Drill Date:	BOP Test Due:		

Hours Summary (Daily / Cumulative)											
Drilling	0.00 / 0	Rotating	0.00 / 0	Trips	0.00 / 0	Circulating	0.00 / 0	Down	0.00 / 0	Other	24.00 / 72

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	24.00	MR	MIRU NABORS F05. RAISE SUB AND DERRICK.	0	0	NIH
Total:	24.00					

Drilling Data							
Hook Load:	0	Pick Up:	0	Slack Off:	0	Over Pull:	0
ROP:	0.00	Pres on Bot:	0	Press Off Bot:	0	Kickoff Depth:	0
WOB:		Rotary RPM:	0	Motor RPM:	0	Torque:	0
BHA Hours:	0.00	Crew Status:		Remarks:			

Daily Bits																	
BHA	Bit	Date In	Size	Manufac.	Type	Serial No.	In	Out	Ftg	Tot Ftg	Hrs	Tot Hrs	ROP	WOB	RPM	MRPM	Torq
2	2	11/29/2011	8.75	SMITH	MSI813	JS3403	4884	4884	0	0	0.00	0.00	0.0			0	0
Date Out		Jets	12 / 12 / 12 / 12 / 12 / 12 / 0 / 0	TFA	0.66	Char	(I/O/D/O/L/B/G/R)		/ / / / / / /								

Drilling Assembly						
Component	Qty	Length	OD Avg	ID Avg	Tot Length	Remarks
Bit - PDC - Fixed Cutter	1	1.00	8.750	0.000	1.00	SMITH, JG3403
Motor	1	32.13	6.500	0.000	33.13	BAKER, .28 RPG
Sub - Shock	1	10.40	6.500	2.500	43.53	
Teledrift	1	4.95	6.500	3.250	48.48	
Drill collar	1	30.94	6.500	2.750	79.42	
Stab - Roller Reamer	1	6.54	8.500	2.375	85.96	
Drill collar	1	31.94	6.500	2.750	117.90	
Stab - IB	1	6.91	8.500	2.500	124.81	
Drill collar	15	496.00	6.500	2.750	620.81	
Sub - XO	1	6.50	6.500	2.750	627.31	

Personnel Data							
Company	Service	Qty.	Hours	Company	Service	Qty.	Hours
ERVIN WELLSITE CON	Fred Ray	1	24.00				
Totals		1.00	24.00				

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
11/22/2012	3	0	Move & RU		\$71,892	\$587,755	\$7,621,000



Well Name: UNIVERSITY 17-18 2H					
Daily Cost Details					
IDC	Code	Vendor	Remarks	Daily Exp	Cum Exp
IDC - COMPANY SUPER	20.950.020	Ervin Wellsite Consultin	SUPERVISION	\$1,500	\$15,000
IDC - ROAD & SITE CON	20.950.030				\$195,000
IDC - DRILL - BIT & STA	20.950.101				\$12,500
IDC - DRILL - CEMENT &	20.950.102				\$176,591
IDC - DRILL - CONTRAC	20.950.103	NABORS F05	RIG	\$22,500	\$225,000
IDC - DRILL - MUD & CH	20.950.104	Venture Mud	DAILY MUD	\$0	\$16,985
IDC - DRILL - EQUIPMEN	20.950.105	EBI	PHONES, INTERNET, INTERC	\$205	\$26,520
IDC - DRILL - EQUIPMEN	20.950.105	VENTURE EQUIPMENT	PREMIX PIT	\$150	\$26,520
IDC - DRILL - EQUIPMEN	20.950.105	CAN RIG	ROCKET	\$500	\$26,520
IDC - DRILL - EQUIPMEN	20.950.105	YOUNGS	CAMP TRAILERS	\$1,050	\$26,520
IDC - DRILL - EQUIPMEN	20.950.105	ENERGY BROADBAND	PHONE, INTERCOM	\$205	\$26,520
IDC - DRILL - FUEL POW	20.950.106	WESTERN	DIESEL	\$42,982	\$67,863
IDC - DRILL - HAULING	20.950.107				\$132,595
IDC - DRILL - FLUIDS	20.950.108	PRIMETIME	WATER	\$2,800	\$102,800
IDC - F&C - SPECIAL SE	20.950.206				\$35,033
Total IDC:				\$71,892	\$1,038,267
TDC	Code	Vendor	Remarks	Daily Exp	Cum Exp
TDC - DE - CONDUCTO	20.940.101				\$40,000
TDC - DE - SURFACE CA	20.940.106				\$184,651
TDC - SE - CASING/ WE	20.940.201				\$6,155
Total TDC:					\$230,806
Total Cumulative Well Costs:				\$71,892	\$1,269,073

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
11/22/2012	3	0	Move & RU		\$71,892	\$587,755	\$7,621,000



Energen Resources Corp.

605 Richard Arrington Blvd.
Birmingham, AL 35205
(800) 292-4005

Drilling Report

Report No: 4
Report Date: 11/23/2012

Well Name: UNIVERSITY 17-18 2H

Surface Location: 400 FSWL, 567 FNWL / Bottom Hole Location: 200 FNEL, 567 FNWL - WARD, TX

Report No:	4	Rpt T. Activity:	Move & RU	AFE #:	PB100912
Operation Desc:	RU EQUIPMENT.			AFE Total:	\$7,621,000
Spud Date:	11/23/2012	API Code:	4247536255	AFE DHC:	\$4,095,500
Days from Spud:	-1	Rig Supervisor 1:	TOM HICKS 713-489-1919	Daily Costs:	\$34,121
Field Name:	EORGES (BONE S	Rig Supervisor 2:	FRED RAY 713-489-1919	This AFE DHC to Date:	\$621,876
Sec/Twn/Rng:	17 / /	Tool Pusher:	() -	This AFE CWC to Date:	\$621,876
Start Depth(ft):	0	Formation:		Total Project Costs:	\$1,269,073
Ending Depth(ft):	0	RKB to MSL:	2690 RKB to THF: 0	Total w/ Assoc AFEs:	\$1,269,073
TVD:	0	RKB to LMF:	0 RKB to CHF: 0	Daily Mud Costs:	\$5,636
Rig Company:	NABORS DRILLIN	24 Hr. Footage:	0 Develop To: 0	Cum Mud Costs:	\$5,636
Rig Name:	NABORS RIG #F-	Location Survey:	UNIVERSITY LAND SURVEY	Abstract:	U96

24-Hour Summary/Remarks:
MIRU NABORS F05. RU BACK YARD AND FLOOR. TROUBLE SHOOT PUMPS, DRAW WORKS, AND TOP DRIVE. WELD ON CONDUCTOR AND FLOWLINE. START PU BHA. RU EQUIPMENT.

0 HRS RIG DOWNTIME
DAILY COST- \$ 32,721
CUMULATIVE COST- \$620,476
CMOL: FRED RAY

Next Day Operations: FINISH RU EQUIPMENT. SPUD.

Surveys											
Survey No.	Survey Date	Tie In	Meas. Depth	Inclination	Azimuth	Des Azi	TVD	Vert Sect	N/S(+/-)	E/W(+/-)	DLS
8	11/26/2011	<input type="checkbox"/>	3753	1.20	0.00	0.00	3341.00	69.63	69.63	0.00	0.07
9	11/26/2011	<input type="checkbox"/>	3869	1.40	0.00	0.00	3456.98	72.26	72.26	0.00	0.17
10	11/26/2011	<input type="checkbox"/>	4242	1.00	0.00	0.00	3829.89	80.07	80.07	0.00	0.11

BOP Test and Inspection Dates			
Last BOP Test:	Days Since BOP Tested:	Last Inspection:	
Last BOP Drill Date:	BOP Test Due:		

Hours Summary (Daily / Cumulative)											
Drilling	0.00 / 0	Rotating	0.00 / 0	Trips	2.00 / 2	Circulating	0.00 / 0	Down	0.00 / 0	Other	22.00 / 94

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	21.00	MR	RU. RU BACK YARD AND FLOOR. WELD ON CONDUCTOR AND FLOW LINE.	0	0	NIH
3:00	2.00	06	PU BHA	0	0	NIH
5:00	1.00	MR	RU. INSPECT HYDRAULIC SYSTEMS.	0	0	NIH
Total:	24.00					

Drilling Data							
Hook Load:	0	Pick Up:	0	Slack Off:	0	Over Pull:	0
ROP:	0.00	Pres on Bot:	0	Press Off Bot:	0	Kickoff Depth:	0
WOB:		Rotary RPM:	0	Motor RPM:	0	Torque:	0
BHA Hours:	0.00	Crew Status:		Remarks:			

Daily Bits																		
BHA	Bit	Date In	Size	Manufac.	Type	Serial No.	In	Out	Ftg	Tot Ftg	Hrs	Tot Hrs	ROP	WOB	RPM	MRPM	Torq	
2	2	11/29/2011	8.75	SMITH	MSI813	JS3403	4884	4884	0	0	0.00	0.00	0.0				0	0
Date Out		Jets	12 / 12 / 12 / 12 / 12 / 12 / 0 / 0	TFA	0.66	Char (I/O/D/O/L/B/G/R)												

Drilling Assembly						
Component	Qty	Length	OD Avg	ID Avg	Tot Length	Remarks
Bit - PDC - Fixed Cutter	1	1.00	8.750	0.000	1.00	SMITH, JG3403
Motor	1	32.13	6.500	0.000	33.13	BAKER, .28 RPG
Sub - Shock	1	10.40	6.500	2.500	43.53	
Teledrift	1	4.95	6.500	3.250	48.48	
Drill collar	1	30.94	6.500	2.750	79.42	
Stab - Roller Reamer	1	6.54	8.500	2.375	85.96	
Drill collar	1	31.94	6.500	2.750	117.90	
Stab - IB	1	6.91	8.500	2.500	124.81	
Drill collar	15	496.00	6.500	2.750	620.81	
Sub - XO	1	6.50	6.500	2.750	627.31	

Personnel Data							
Company	Service	Qty.	Hours	Company	Service	Qty.	Hours
ERVIN WELLSITE CON	Fred Ray	1	24.00	New Tech Engineering	Tom Hicks	0	0.00
Totals		1.00	24.00				

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
11/23/2012	4	0	Move & RU		\$34,121	\$621,876	\$7,621,000



Well Name: UNIVERSITY 17-18 2H					
Daily Cost Details					
IDC	Code	Vendor	Remarks	Daily Exp	Cum Exp
IDC - COMPANY SUPER	20.950.020	Ervin Wellsite Consultin	SUPERVISION	\$1,500	\$15,000
IDC - ROAD & SITE CON	20.950.030				\$195,000
IDC - DRILL - BIT & STA	20.950.101				\$12,500
IDC - DRILL - CEMENT &	20.950.102				\$176,591
IDC - DRILL - CONTRAC	20.950.103	NABORS F05	RIG	\$22,500	\$225,000
IDC - DRILL - MUD & CH	20.950.104	OMEGA	CORROSION CHEMICAL	\$5,636	\$16,985
IDC - DRILL - MUD & CH	20.950.104	Venture Mud	DAILY MUD	\$0	\$16,985
IDC - DRILL - EQUIPMEN	20.950.105	EBI	PHONES, INTERNET, INTERC	\$205	\$26,520
IDC - DRILL - EQUIPMEN	20.950.105	VENTURE EQUIPMENT	PREMIX PIT	\$150	\$26,520
IDC - DRILL - EQUIPMEN	20.950.105	RUDY ORTIZ	WELD ON CONDUCTOR, FLO	\$975	\$26,520
IDC - DRILL - EQUIPMEN	20.950.105	JS CONSTRUCTION	SHOOT LOCATION, DITCHES.	\$1,400	\$26,520
IDC - DRILL - EQUIPMEN	20.950.105	YOUNGS	CAMP TRAILERS	\$1,050	\$26,520
IDC - DRILL - EQUIPMEN	20.950.105	CAN RIG	ROCKET	\$500	\$26,520
IDC - DRILL - EQUIPMEN	20.950.105	ENERGY BROADBAND	PHONE, INTERCOM	\$205	\$26,520
IDC - DRILL - FUEL POW	20.950.106				\$67,863
IDC - DRILL - HAULING	20.950.107				\$132,595
IDC - DRILL - FLUIDS	20.950.108				\$102,800
IDC - F&C - SPECIAL SE	20.950.206				\$35,033
Total IDC:				\$34,121	\$1,038,267
TDC	Code	Vendor	Remarks	Daily Exp	Cum Exp
TDC - DE - CONDUCTO	20.940.101				\$40,000
TDC - DE - SURFACE CA	20.940.106				\$184,651
TDC - SE - CASING/ WE	20.940.201				\$6,155
Total TDC:					\$230,806
Total Cumulative Well Costs:				\$34,121	\$1,269,073

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
11/23/2012	4	0	Move & RU		\$34,121	\$621,876	\$7,621,000



Well Name: UNIVERSITY 17-18 2H

Surface Location: 400 FSWL, 567 FNWL / Bottom Hole Location: 200 FNEL, 567 FNWL - WARD, TX

Report No:	5	Rpt T. Activity:	02 - Drilling	AFE #:	PB100912		
Operation Desc:	DRILL 12.25 HOLE			AFE Total:	\$7,621,000		
Spud Date:	11/23/2012	API Code:	4247536255	AFE DHC:	\$4,095,500		
Days from Spud:	1	Rig Supervisor 1:	TOM HICKS	713-489-1919	Daily Costs:	\$53,695	
Field Name:	EORGES (BONE S	Rig Supervisor 2:	FRED RAY	713-489-1919	This AFE DHC to Date:	\$675,571	
Sec/Twn/Rng:	17 / /	Tool Pusher:	() -		This AFE CWC to Date:	\$675,571	
Start Depth(ft):	120	Formation:			Total Project Costs:	\$1,269,073	
Ending Depth(ft):	1487	RKB to MSL:	2690	RKB to THF:	0	Total w/ Assoc AFEs:	\$1,269,073
TVD:	0	RKB to LMF:	0	RKB to CHF:	0	Daily Mud Costs:	\$0
Rig Company:	NABORS DRILLIN	24 Hr. Footage:	1367	Develop To:	0	Cum Mud Costs:	\$5,636
Rig Name:	NABORS RIG #F-	Location Survey:	UNIVERSITY LAND SURVEY		Abstract:	U96	

24-Hour Summary/Remarks:
DRILLED FROM 100 - 1487 = 1387
ROP 86.68' FPH
WOB=18
MW =9.5
SURVEY 411-.50 DEG
SURVEY 850, .30 DEG
SURVEY 1227, .30 DEG
SPUD 13:30, 11/23/2012

0 HRS RIG DOWNTIME
DAILY COST- \$ 53695
CUMULATIVE COST- \$675571
CMOL: FRED RAY

Next Day Operations: DRILL SURFACE HOLE

Surveys											
Survey No.	Survey Date	Tie In	Meas. Depth	Inclination	Azimuth	Des Azi	TVD	Vert Sect	N/S(+/-)	E/W(+/-)	DLS
8	11/26/2011	<input type="checkbox"/>	3753	1.20	0.00	0.00	3341.00	69.63	69.63	0.00	0.07
9	11/26/2011	<input type="checkbox"/>	3869	1.40	0.00	0.00	3456.98	72.26	72.26	0.00	0.17
10	11/26/2011	<input type="checkbox"/>	4242	1.00	0.00	0.00	3829.89	80.07	80.07	0.00	0.11

BOP Test and Inspection Dates			
Last BOP Test:	Days Since BOP Tested:	Last Inspection:	
Last BOP Drill Date:	BOP Test Due:		

Mud Properties															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
		0.00	0.00	0	0	0	0/0/0	0.0	0.0	0	0.00	0.0%	0.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Lost	
0.0	0.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0	0	0.00		0	
Water Lost	LCM	ECD	FL Temp	Remarks											
0	0.0	0.0	0												

Hours Summary (Daily / Cumulative)											
Drilling	16.00 / 16	Rotating	16.00 / 16	Trips	0.00 / 2	Circulating	0.00 / 0	Down	0.00 / 0	Other	8.00 / 102

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	7.50	01	RU AND BUILD SPUD MUD	0	0	NIH
13:30	4.50	02	DRILL 100-390	120	390	1
18:00	0.50	07	SERVICE RIG,	390	390	1
18:30	11.50	02	DRILL 390- 1487	390	1487	1
Total:	24.00					

Drilling Data							
Hook Load:	0	Pick Up:	0	Slack Off:	0	Over Pull:	0
ROP:	85.44	Pres on Bot:	0	Press Off Bot:	0	Kickoff Depth:	0
WOB:	15	Rotary RPM:	76	Motor RPM:	137	Torque:	4500
BHA Hours:	0.00	Crew Status:		Remarks:			

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
11/24/2012	5	1487	02 - Drilling	0	\$53,695	\$675,571	\$7,621,000



Well Name: UNIVERSITY 17-18 2H																	
Daily Bits																	
BHA	Bit	Date In	Size	Manufac.	Type	Serial No.	In	Out	Ftg	Tot Ftg	Hrs	Tot Hrs	ROP	WOB	RPM	MRPM	Torq
2	2	11/29/2011	8.75	SMITH	MSI813	JS3403	4884	4884	0	0	0.00	0.00	0.0			0	0
Date Out		Jets		12 / 12 / 12 / 12 / 12 / 12 / 0 / 0			TFA	0.66	Char (I/O/D/O/L/B/G/R)			/ / / / / / /					
Drilling Assembly																	
Component			Qty	Length	OD Avg	ID Avg	Tot Length		Remarks								
Bit - PDC - Fixed Cutter			1	1.00	8.750	0.000	1.00		SMITH, JG3403								
Motor			1	32.13	6.500	0.000	33.13		BAKER, .28 RPG								
Sub - Shock			1	10.40	6.500	2.500	43.53										
Teledrift			1	4.95	6.500	3.250	48.48										
Drill collar			1	30.94	6.500	2.750	79.42										
Stab - Roller Reamer			1	6.54	8.500	2.375	85.96										
Drill collar			1	31.94	6.500	2.750	117.90										
Stab - IB			1	6.91	8.500	2.500	124.81										
Drill collar			15	496.00	6.500	2.750	620.81										
Sub - XO			1	6.50	6.500	2.750	627.31										
Mud Pumps																	
Pump No	Model	Liner Size	Stroke	Max PSI	Max SPM	SPM	GPM	Press.	Slow Pump Rates/Pres.								
1		6	12	4667	115	60	246	1080	0/0	0/0	0/0						
2		6	12	4667	1156	60	246	1080	0/0	0/0	0/0						
Personnel Data																	
Company		Service		Qty.	Hours	Company		Service		Qty.	Hours						
ERVIN WELLSITE CON		Fred Ray		1	24.00	New Tech Engineering		Tom Hicks		1	1.00						
Totals				2.00	25.00												
Daily Cost Details																	
IDC	Code	Vendor		Remarks		Daily Exp	Cum Exp										
IDC - COMPANY SUPER	20.950.020	Ervin Wellsite Consultin		SUPERVISION		\$1,500	\$15,000										
IDC - ROAD & SITE CON	20.950.030						\$195,000										
IDC - DRILL - BIT & STA	20.950.101	DB BITS		12.25 PDC BIT 55616XU		\$12,500	\$12,500										
IDC - DRILL - CEMENT &	20.950.102						\$176,591										
IDC - DRILL - CONTRAC	20.950.103	NABORS F05		RIG		\$22,500	\$225,000										
IDC - DRILL - MUD & CH	20.950.104	Venture Mud		DAILY MUD		\$0	\$16,985										
IDC - DRILL - EQUIPMEN	20.950.105	EBI		PHONES, INTERNET, INTERC		\$205	\$26,520										
IDC - DRILL - EQUIPMEN	20.950.105	VENTURE EQUIPMENT		PREMIX PIT		\$150	\$26,520										
IDC - DRILL - EQUIPMEN	20.950.105	CAN RIG		ROCKET		\$500	\$26,520										
IDC - DRILL - EQUIPMEN	20.950.105	YOUNGS		CAMP TRAILERS		\$1,050	\$26,520										
IDC - DRILL - EQUIPMEN	20.950.105	ENERGY BROADBAND		PHONE, INTERCOM		\$205	\$26,520										
IDC - DRILL - FUEL POW	20.950.106						\$67,863										
IDC - DRILL - HAULING	20.950.107						\$132,595										
IDC - DRILL - FLUIDS	20.950.108						\$102,800										
IDC - F&C - SPECIAL SE	20.950.206						\$35,033										
Total IDC:						\$38,610	\$1,038,267										
TDC	Code	Vendor		Remarks		Daily Exp	Cum Exp										
TDC - DE - CONDUCTO	20.940.101						\$40,000										
TDC - DE - SURFACE CA	20.940.106						\$184,651										
TDC - SE - CASING/ WE	20.940.201						\$6,155										
Total TDC:							\$230,806										
Total Cumulative Well Costs:						\$38,610	\$1,269,073										

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
11/24/2012	5	1487	02 - Drilling	0	\$53,695	\$675,571	\$7,621,000



Well Name: UNIVERSITY 17-18 2H

Surface Location: 400 FSWL, 567 FNWL / Bottom Hole Location: 200 FNEL, 567 FNWL - WARD, TX

Report No:	6	Rpt T. Activity:	02 - Drilling	AFE #:	PB100912		
Operation Desc:	DRILLING SURFACE			AFE Total:	\$7,621,000		
Spud Date:	11/23/2012	API Code:	4247536255	AFE DHC:	\$4,095,500		
Days from Spud:	2	Rig Supervisor 1:	TOM HICKS	713-489-1919	Daily Costs:	\$48,652	
Field Name:	EORGES (BONE S	Rig Supervisor 2:	FRED RAY	713-489-1919	This AFE DHC to Date:	\$724,223	
Sec/Twn/Rng:	17 / /	Tool Pusher:	() -		This AFE CWC to Date:	\$724,223	
Start Depth(ft):	1487	Formation:			Total Project Costs:	\$1,269,073	
Ending Depth(ft):	3225	RKB to MSL:	2690	RKB to THF:	0	Total w/ Assoc AFEs:	\$1,269,073
TVD:	0	RKB to LMF:	0	RKB to CHF:	0	Daily Mud Costs:	\$10,416
Rig Company:	NABORS DRILLIN	24 Hr. Footage:	1738	Develop To:	0	Cum Mud Costs:	\$16,052
Rig Name:	NABORS RIG #F-	Location Survey:	UNIVERSITY LAND SURVEY		Abstract:	U96	

24-Hour Summary/Remarks:
DRILLED FROM 1487' = 3225'
ROP75.5' FPH
WOB=18
MW =9.9
SURVEY 2358, 3 DEG
SURVEY2831, .1.6 DEG
SURVEY 3018, .70 DEG

0 HRS RIG DOWNTIME
DAILY COST- \$48652
CUMULATIVE COST- \$724223
CMOL: TOM HICKS

Next Day Operations: DRILLING SURFACE

Surveys											
Survey No.	Survey Date	Tie In	Meas. Depth	Inclination	Azimuth	Des Azi	TVD	Vert Sect	N/S(+/-)	E/W(+/-)	DLS
8	11/26/2011	<input type="checkbox"/>	3753	1.20	0.00	0.00	3341.00	69.63	69.63	0.00	0.07
9	11/26/2011	<input type="checkbox"/>	3869	1.40	0.00	0.00	3456.98	72.26	72.26	0.00	0.17
10	11/26/2011	<input type="checkbox"/>	4242	1.00	0.00	0.00	3829.89	80.07	80.07	0.00	0.11

BOP Test and Inspection Dates			
Last BOP Test:		Days Since BOP Tested:	
Last BOP Drill Date:		BOP Test Due:	
		Last Inspection:	

Mud Properties															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
2000	11:00	9.90	0.00	29	0	0	0/0/0	0.0	0.0	0	0.00	10.4%	89.6%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Lost	
0.0	8.00	0.00	0.00	0.00	168000	3800	0	0.00	0.00	0	0	0.00		0	
Water Lost	LCM	ECD	FL Temp	Remarks											
0	0.0	0.0	0												

Hours Summary (Daily / Cumulative)											
Drilling	23.00 / 39	Rotating	23.00 / 39	Trips	0.00 / 2	Circulating	0.00 / 0	Down	0.00 / 0	Other	1.00 / 103

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	0.50	07	SERVICE RIG	1487	1487	1
6:30	11.50	02	DRILL 1487-2430	1487	2430	1
18:00	0.50	07	SERVICE RIG	2430	2430	1
18:30	11.50	02	DRILL 2430-3225	2430	3225	1
Total:	24.00					

Drilling Data					
Hook Load:	155	Pick Up:	165	Slack Off:	145
ROP:	75.57	Pres on Bot:	0	Press Off Bot:	0
WOB:	22	Rotary RPM:	76	Motor RPM:	137
BHA Hours:	0.00	Crew Status:		Remarks:	
				Over Pull:	10
				Kickoff Depth:	0
				Torque:	5500

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
11/25/2012	6	3225	02 - Drilling	9.9	\$48,652	\$724,223	\$7,621,000



Well Name: UNIVERSITY 17-18 2H

Daily Bits																	
BHA	Bit	Date In	Size	Manufac.	Type	Serial No.	In	Out	Ftg	Tot Ftg	Hrs	Tot Hrs	ROP	WOB	RPM	MRPM	Torq
2	2	11/29/2011	8.75	SMITH	MSI813	JS3403	4884	4884	0	0	0.00	0.00	0.0			0	0
Date Out		Jets		12 / 12 / 12 / 12 / 12 / 12 / 12 / 12 / 0 / 0		TFA	0.66	Char (I/O/D/O/L/B/G/R)									

Drilling Assembly						
Component	Qty	Length	OD Avg	ID Avg	Tot Length	Remarks
Bit - PDC - Fixed Cutter	1	1.00	8.750	0.000	1.00	SMITH, JG3403
Motor	1	32.13	6.500	0.000	33.13	BAKER, .28 RPG
Sub - Shock	1	10.40	6.500	2.500	43.53	
Teledrift	1	4.95	6.500	3.250	48.48	
Drill collar	1	30.94	6.500	2.750	79.42	
Stab - Roller Reamer	1	6.54	8.500	2.375	85.96	
Drill collar	1	31.94	6.500	2.750	117.90	
Stab - IB	1	6.91	8.500	2.500	124.81	
Drill collar	15	496.00	6.500	2.750	620.81	
Sub - XO	1	6.50	6.500	2.750	627.31	

Mud Pumps											
Pump No	Model	Liner Size	Stroke	Max PSI	Max SPM	SPM	GPM	Press.	Slow Pump Rates/Pres.		
1		6	12	4667	115	80	328	2060	0/0	0/0	0/0
2		6	12	4667	1156	80	328	2060	0/0	0/0	0/0

Drilling Breaks and Shows									
BGRD Gas:	3	Trip Gas:		Surv Gas:		Conn Gas:	13	Peak Gas:	13
Shale %:	5.0	Sand %:	0.0	Others %:	95.0	Shale Den:	0.0	D'Exp:	0.0
Depth:	0.0	Pore Press:	0.0	H2S:	0.0	Cir. Temp:	0.0		
Desc: 30 ANHY, 65 SALT									

Personnel Data							
Company	Service	Qty.	Hours	Company	Service	Qty.	Hours
ERVIN WELLSITE CON	Fred Ray	1	0.00	New Tech Engineering	Tom Hicks	1	24.00
Totals		2.00	24.00				

Daily Cost Details					
IDC	Code	Vendor	Remarks	Daily Exp	Cum Exp
IDC - COMPANY SUPER	20.950.020	Ervin Wellsite Consultin	SUPERVISION	\$1,500	\$15,000
IDC - ROAD & SITE CON	20.950.030				\$195,000
IDC - DRILL - BIT & STA	20.950.101				\$12,500
IDC - DRILL - CEMENT &	20.950.102				\$176,591
IDC - DRILL - CONTRAC	20.950.103	NABORS F05	RIG	\$22,500	\$225,000
IDC - DRILL - MUD & CH	20.950.104	Venture Mud	DAILY MUD COST	\$10,416	\$16,985
IDC - DRILL - MUD & CH	20.950.104	Venture Mud	DAILY MUD	\$0	\$16,985
IDC - DRILL - EQUIPMEN	20.950.105	CAN RIG	ROCKET	\$500	\$26,520
IDC - DRILL - EQUIPMEN	20.950.105	VENTURE EQUIPMENT	PREMIX PIT	\$150	\$26,520
IDC - DRILL - EQUIPMEN	20.950.105	ENERGY BROADBAND	PHONE, INTERCOM	\$205	\$26,520
IDC - DRILL - EQUIPMEN	20.950.105	EBI	PHONES, INTERNET, INTERC	\$205	\$26,520
IDC - DRILL - EQUIPMEN	20.950.105	YOUNGS	CAMP TRAILERS	\$1,050	\$26,520
IDC - DRILL - EQUIPMEN	20.950.105	Man Welding Services	RU SEPERATOR	\$3,360	\$26,520
IDC - DRILL - FUEL POW	20.950.106				\$67,863
IDC - DRILL - HAULING	20.950.107	PACCAR	HOT SHOT	\$468	\$132,595
IDC - DRILL - FLUIDS	20.950.108				\$102,800
IDC - F&C - SPECIAL SE	20.950.206	HOBBS RENTAL	CLEAN CSG	\$2,513	\$35,033
Total IDC:				\$42,867	\$1,038,267
TDC	Code	Vendor	Remarks	Daily Exp	Cum Exp
TDC - DE - CONDUCTO	20.940.101				\$40,000
TDC - DE - SURFACE CA	20.940.106				\$184,651
TDC - SE - CASING/ WE	20.940.201				\$6,155
Total TDC:				\$230,806	\$230,806
Total Cumulative Well Costs:				\$42,867	\$1,269,073

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
11/25/2012	6	3225	02 - Drilling	9.9	\$48,652	\$724,223	\$7,621,000



Well Name: UNIVERSITY 17-18 2H

Surface Location: 400 FSWL, 567 FNWL / Bottom Hole Location: 200 FNEL, 567 FNWL - WARD, TX

Report No:	7	Rpt T. Activity:	02 - Drilling	AFE #:	PB100912		
Operation Desc:	DRILLING SURFACE			AFE Total:	\$7,621,000		
Spud Date:	11/23/2012	API Code:	4247536255	AFE DHC:	\$4,095,500		
Days from Spud:	3	Rig Supervisor 1:	TOM HICKS	713-489-1919	Daily Costs:	\$31,173	
Field Name:	EORGES (BONE S	Rig Supervisor 2:	FRED RAY	713-489-1919	This AFE DHC to Date:	\$755,396	
Sec/Twn/Rng:	17 / /	Tool Pusher:	() -		This AFE CWC to Date:	\$755,396	
Start Depth(ft):	3225	Formation:			Total Project Costs:	\$1,269,073	
Ending Depth(ft):	4409	RKB to MSL:	2690	RKB to THF:	0	Total w/ Assoc AFEs:	\$1,269,073
TVD:	0	RKB to LMF:	0	RKB to CHF:	0	Daily Mud Costs:	\$0
Rig Company:	NABORS DRILLIN	24 Hr. Footage:	1184	Develop To:	0	Cum Mud Costs:	\$16,052
Rig Name:	NABORS RIG #F-	Location Survey:	UNIVERSITY LAND SURVEY		Abstract:	U96	

24-Hour Summary/Remarks:
DRILLED FROM 3225 ' = 4409'
ROP ' 51.4 FPH
WOB=27
MW =9.9
SURVEY 3753 1.2 DEG DEG
SURVEY 3869 1.4 DEG
SURVEY4242 1 DEG

0 HRS RIG DOWNTIME
DAILY COST- \$31173
CUMULATIVE COST- \$755396
CMOL: TOM HICKS

Next Day Operations: DRILLING SURFACE

Surveys											
Survey No.	Survey Date	Tie In	Meas. Depth	Inclination	Azimuth	Des Azi	TVD	Vert Sect	N/S(+/-)	E/W(+/-)	DLS
8	11/26/2011	<input type="checkbox"/>	3753	1.20	0.00	0.00	3341.00	69.63	69.63	0.00	0.07
9	11/26/2011	<input type="checkbox"/>	3869	1.40	0.00	0.00	3456.98	72.26	72.26	0.00	0.17
10	11/26/2011	<input type="checkbox"/>	4242	1.00	0.00	0.00	3829.89	80.07	80.07	0.00	0.11

BOP Test and Inspection Dates			
Last BOP Test:		Days Since BOP Tested:	
Last BOP Drill Date:		BOP Test Due:	
		Last Inspection:	

Mud Properties															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
3225	11:00	9.90	0.00	29	0	0	0/0/0	0.0	0.0	0	0.00	10.4%	89.6%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Lost	
0.0	8.00	0.00	0.00	0.00	168000	3800	0	0.00	0.00	0	0	0.00		0	
Water Lost	LCM	ECD	FL Temp	Remarks											
0	0.0	0.0	0												

Hours Summary (Daily / Cumulative)											
Drilling	23.00 / 62	Rotating	23.00 / 62	Trips	0.00 / 2	Circulating	0.00 / 0	Down	0.00 / 0	Other	1.00 / 104

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	0.50	07	RIG SERVICE	3225	3225	1
6:30	11.50	02	DRILL 3225'-3848'	3225	3848	1
18:00	0.50	07	RIG SERVICE	3848	3848	1
18:30	11.50	02	DRILL 3848-4409,	3848	4409	1
Total:	24.00					

Drilling Data					
Hook Load:	155	Pick Up:	165	Slack Off:	145
ROP:	51.48	Pres on Bot:	0	Press Off Bot:	0
WOB:	22	Rotary RPM:	76	Motor RPM:	137
BHA Hours:	0.00	Crew Status:		Remarks:	
Over Pull:	10	Kickoff Depth:	0	Torque:	5500

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
11/26/2012	7	4409	02 - Drilling	9.9	\$31,173	\$755,396	\$7,621,000



Well Name: UNIVERSITY 17-18 2H

Daily Bits																	
BHA	Bit	Date In	Size	Manufac.	Type	Serial No.	In	Out	Ftg	Tot Ftg	Hrs	Tot Hrs	ROP	WOB	RPM	MRPM	Torq
2	2	11/29/2011	8.75	SMITH	MSI813	JS3403	4884	4884	0	0	0.00	0.00	0.0				0
Date Out		Jets		12 / 12 / 12 / 12 / 12 / 12 / 12 / 12 / 0 / 0	TFA	0.66	Char (I/O/D/O/L/B/G/R)										//////

Drilling Assembly						
Component	Qty	Length	OD Avg	ID Avg	Tot Length	Remarks
Bit - PDC - Fixed Cutter	1	1.00	8.750	0.000	1.00	SMITH, JG3403
Motor	1	32.13	6.500	0.000	33.13	BAKER, .28 RPG
Sub - Shock	1	10.40	6.500	2.500	43.53	
Teledrift	1	4.95	6.500	3.250	48.48	
Drill collar	1	30.94	6.500	2.750	79.42	
Stab - Roller Reamer	1	6.54	8.500	2.375	85.96	
Drill collar	1	31.94	6.500	2.750	117.90	
Stab - IB	1	6.91	8.500	2.500	124.81	
Drill collar	15	496.00	6.500	2.750	620.81	
Sub - XO	1	6.50	6.500	2.750	627.31	

Mud Pumps											
Pump No	Model	Liner Size	Stroke	Max PSI	Max SPM	SPM	GPM	Press.	Slow Pump Rates/Pres.		
1		6	12	4667	115	85	349	2348	0/0	0/0	0/0
2		6	12	4667	1156	85	349	2348	0/0	0/0	0/0

Drilling Breaks and Shows									
BGRD Gas:	5	Trip Gas:	Surv Gas:	Conn Gas:	Peak Gas:	9			
Shale %:	0.0	Sand %:	0.0	Others %:	0.0	Shale Den:	0.0	D'Exp:	0.0
Depth:	0.0	Pore Press:	0.0	H2S:	0.0	Cir. Temp:	0.0		
Desc: 55 LS, 30 SALT, 15 SN									

Personnel Data							
Company	Service	Qty.	Hours	Company	Service	Qty.	Hours
ERVIN WELLSITE CON	Fred Ray	1	0.00	New Tech Engineering	Tom Hicks	1	24.00
Totals		2.00	24.00				

Daily Cost Details					
IDC	Code	Vendor	Remarks	Daily Exp	Cum Exp
IDC - COMPANY SUPER	20.950.020	Ervin Wellsite Consultin	SUPERVISION	\$1,500	\$15,000
IDC - ROAD & SITE CON	20.950.030				\$195,000
IDC - DRILL - BIT & STA	20.950.101				\$12,500
IDC - DRILL - CEMENT &	20.950.102				\$176,591
IDC - DRILL - CONTRAC	20.950.103	NABORS F05	RIG	\$22,500	\$225,000
IDC - DRILL - MUD & CH	20.950.104	Venture Mud	DAILY MUD	\$0	\$16,985
IDC - DRILL - EQUIPMEN	20.950.105	VENTURE EQUIPMENT	PREMIX PIT	\$150	\$26,520
IDC - DRILL - EQUIPMEN	20.950.105	YOUNGS	CAMP TRAILERS	\$1,050	\$26,520
IDC - DRILL - EQUIPMEN	20.950.105	CAN RIG	ROCKET	\$500	\$26,520
IDC - DRILL - EQUIPMEN	20.950.105	ENERGY BROADBAND	PHONE, INTERCOM	\$205	\$26,520
IDC - DRILL - EQUIPMEN	20.950.105	EBI	PHONES, INTERNET, INTERC	\$205	\$26,520
IDC - DRILL - FUEL POW	20.950.106				\$67,863
IDC - DRILL - HAULING	20.950.107				\$132,595
IDC - DRILL - FLUIDS	20.950.108				\$102,800
IDC - F&C - SPECIAL SE	20.950.206				\$35,033
Total IDC:				\$26,110	\$1,038,267
TDC	Code	Vendor	Remarks	Daily Exp	Cum Exp
TDC - DE - CONDUCTO	20.940.101				\$40,000
TDC - DE - SURFACE CA	20.940.106				\$184,651
TDC - SE - CASING/ WE	20.940.201				\$6,155
Total TDC:					\$230,806
Total Cumulative Well Costs:				\$26,110	\$1,269,073

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
11/26/2012	7	4409	02 - Drilling	9.9	\$31,173	\$755,396	\$7,621,000



Energen Resources Corp.

605 Richard Arrington Blvd.
Birmingham, AL 35205
(800) 292-4005

Drilling Report

Report No: 8
Report Date: 11/27/2012

Well Name: UNIVERSITY 17-18 2H

Surface Location: 400 FSWL, 567 FNWL / Bottom Hole Location: 200 FNEL, 567 FNWL - WARD, TX

Report No:	8	Rpt T. Activity:	08 - Rig Repair	AFE #:	PB100912		
Operation Desc:	RUNNING CSG			AFE Total:	\$7,621,000		
Spud Date:	11/23/2012	API Code:	4247536255	AFE DHC:	\$4,095,500		
Days from Spud:	4	Rig Supervisor 1:	TOM HICKS	713-489-1919	Daily Costs:	\$214,968	
Field Name:	EORGES (BONE S	Rig Supervisor 2:	FRED RAY	713-489-1919	This AFE DHC to Date:	\$970,364	
Sec/Twn/Rng:	17 / /	Tool Pusher:	() -		This AFE CWC to Date:	\$970,364	
Start Depth(ft):	4409	Formation:			Total Project Costs:	\$1,269,073	
Ending Depth(ft):	4884	RKB to MSL:	2690	RKB to THF:	0	Total w/ Assoc AFEs:	\$1,269,073
TVD:	0	RKB to LMF:	0	RKB to CHF:	0	Daily Mud Costs:	\$933
Rig Company:	NABORS DRILLIN	24 Hr. Footage:	475	Develop To:	0	Cum Mud Costs:	\$16,985
Rig Name:	NABORS RIG #F-	Location Survey:	UNIVERSITY LAND SURVEY	Abstract:	U96		

24-Hour Summary/Remarks:

DRILL 4409- 4884, ROP 59.37 FPH
SURVEY @ 4809, 1.2 DEG
TD SURFACE HOLE @ 14:30, 11/26/2012

TOH. LD BHA. SAFETY MEETING. RU TESCO. RUN CASING TO 4882

9 5/8" CSG BREAKDOWN:

ELEVATION = 30.80'
46 JTS 40# L-80 LT&C CSG = 2019.04
STAGE TOOL = 2.50'
51 JTS 40# L-80 LT&C CSG = 2770.98
FLOAT COLLAR = 1.40'
2 JTS 40# L-80 LT&C CSG = 88.48
GUIDE SHOE = 1.60'
TOTAL = 4884

2 REGULAR BOWSPRING PER JT ON 2 SHOE JTS. 1 TURBOLIZER ON EVERY 3RD JT. REGULAR BOWSPRING CENTRALIZERS FOR THE 2 JTS IN BETWEEN FOR A TOTAL OF 26 BOWSPRING AND 10 TURBOLIZERS.

- BOW SPRING CENTRALIZER @ 4872 TURBOLIZER @ 4703
- BOW SPRING CENTRALIZER @ 4848 2. TURBOLIZER @ 4571
- BOW SPRING CENTRALIZER @ 4784 3. TURBOLIZER @ 4440
- BOW SPRING CENTRALIZER @ 4854 TURBOLIZER @ 4311
- BOW SPRING CENTRALIZER @ 3607' TURBOLIZER @ 4178'
- BOW SPRING CENTRALIZER @ 3519 6. TURBOLIZER @ 4049
- BOW SPRING CENTRALIZER @ 3343 7. TURBOLIZER @ 3916
- BOW SPRING CENTRALIZER @ 3299 8. TURBOLIZER @ 3784
- BOW SPRING CENTRALIZER @ 3166 9. TUBOLIZER @ 3696
- BOW SPRING CENTRALIZER @ 2993 10 TUBOLIZER @ 3651
- BOW SPRING CENTRALIZER @ 2816
- BOW SPRING CENTRALIZER @ 2639
- BOW SPRING CENTRALIZER @ 2507
- BOW SPRING CENTRALIZER @ 2286'
- BOW SPRING CENTRALIZER @ 2065
- BOW SPRING CENTRALIZER @ 1933
- BOW SPRING CENTRALIZER @ 1757
- BOW SPRING CENTRALIZER @ 1581'
- BOW SPRING CENTRALIZER @ 1404'
- BOW SPRING CENTRALIZER @ 1228
- BOW SPRING CENTRALIZER @ 1052'
- BOW SPRING CENTRALIZER @ 875
- BOW SPRING CENTRALIZER @ 700
- BOW SPRING CENTRALIZER @ 524'
- BOW SPRING CENTRALIZER @ 348
- BOW SPRING CENTRALIZER @ 80'

FLUID CALIPER @ TD 3663 CU FT
1878 CU FT @ 2000'

DAILY COST 214968 COST\$970364

Next Day Operations: RUNNING CSG

Surveys											
Survey No.	Survey Date	Tie In	Meas. Depth	Inclination	Azimuth	Des Azi	TVD	Vert Sect	N/S(+/-)	E/W(+/-)	DLS
8	11/26/2011	<input type="checkbox"/>	3753	1.20	0.00	0.00	3341.00	69.63	69.63	0.00	0.07
9	11/26/2011	<input type="checkbox"/>	3869	1.40	0.00	0.00	3456.98	72.26	72.26	0.00	0.17
10	11/26/2011	<input type="checkbox"/>	4242	1.00	0.00	0.00	3829.89	80.07	80.07	0.00	0.11

Casing										
Type	Date Run	Casing Top	Set Depth	Size	Weight	Grade	Drift	Hole Size	TD	Shoe Test
Surface	11/27/2012	30.00	4972.21	9.625	40.00	L-80	8.835	12.250	4884.00	

Cement Top										
Stage	Reciprocate	Bump Plug	Fluid Returns	Cement Top	Distance	Rotate	Pressure	Hold	Description	Determined
1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		0	<input type="checkbox"/>	0	<input checked="" type="checkbox"/>	FULL	Circulated
No.1	Lead, 0, 1100, 35/65 POZ, Class C, 2.09, 12.6									
No.2	Tail, 0, 300, NEAT, Class C, 1.35, 14.8									

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
11/27/2012	8	4884	08 - Rig Repair	10.1	\$214,968	\$970,364	\$7,621,000
11/27/2012	8	4884	08 - Rig Repair	9.9	\$214,968	\$970,364	\$7,621,000



Energen Resources Corp.

605 Richard Arrington Blvd.
Birmingham, AL 35205
(800) 292-4005

Drilling Report

Report No: 8
Report Date: 11/27/2012

Well Name: UNIVERSITY 17-18 2H																	
Stage	Reciprocate	<input type="checkbox"/>	Bump Plug	<input checked="" type="checkbox"/>	Fluid Returns				<input checked="" type="checkbox"/>	Cement Top							
2	Distance	0	Rotate	<input type="checkbox"/>	Pressure	0	Hold	<input checked="" type="checkbox"/>	Description	FULL	Fill%	0	Circ.Vol	0	ft.	Determined	Circulated
No.1 Lead, 0, 1450, CLASS C, Class C, 1.8, 13.5																	
No.2 Tail, 0, 200, CLASS C NEAT, Class C, 1.35, 14.8																	
BOP Test and Inspection Dates																	
Last BOP Test:				Days Since BOP Tested:				Last Inspection:									
Last BOP Drill Date:				BOP Test Due:													
Mud Properties																	
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand		
4772		10.10	0.00	29	0	0	0/0/0	0.0	0.0	0	0.00	11.8%	88.2%	0.0%	0.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Lost			
0.0	9.00	0.00	0.00	0.00	175000	5000	0	0.00	0.00	0	0	0.00		0			
Water Lost		LCM	ECD	FL Temp	Remarks												
0		0.0	0.0	0													
Hours Summary (Daily / Cumulative)																	
Drilling	8.00 / 70		Rotating	8.00 / 70		Trips	7.00 / 9		Circulating	1.00 / 1		Down	1.00 / 1		Other	7.00 / 111	
Operations																	
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run			
6:00	0.50	07	RIG SERVICE									4409	4409	1			
6:30	8.00	02	DRILL 4909-4884'									4409	4884	1			
14:30	1.00	05	CIRC AND COND. HOLE, RUN FLUID CALIPER									4884	4884	1			
15:30	7.00	06	TOH, RUN FLUID CAL @ 2000', LD TOOLS									4884	4884	1			
22:30	6.50	12	RUN CSG.									4884	4884	1			
5:00	1.00	08	AUTO CATWALK DOWN									4884	4884	1			
Total	24.00																
Drilling Data																	
Hook Load:		155		Pick Up:		165		Slack Off:		145		Over Pull:		10			
ROP:		59.38		Pres on Bot:		0		Press Off Bot:		0		Kickoff Depth:		0			
WOB:		22		Rotary RPM:		76		Motor RPM:		137		Torque:		5500			
BHA Hours:		0.00		Crew Status:		Remarks:											
Daily Bits																	
BHA	Bit	Date In	Size	Manufac.	Type	Serial No.	In	Out	Ftg	Tot Ftg	Hrs	Tot Hrs	ROP	WOB	RPM	MRPM	Torq
2	2	11/29/2011	8.75	SMITH	MSI813	JS3403	4884	4884	0	0	0.00	0.00	0.0			0	0
Date Out		Jets		12 / 12 / 12 / 12 / 12 / 12 / 0 / 0			TFA	0.66		Char (I/O/D/O/L/B/G/R)		/ / / / / / / /					
Drilling Assembly																	
Component		Qty	Length	OD Avg	ID Avg	Tot Length		Remarks									
Bit - PDC - Fixed Cutter		1	1.00	8.750	0.000	1.00		SMITH, JG3403									
Motor		1	32.13	6.500	0.000	33.13		BAKER, .28 RPG									
Sub - Shock		1	10.40	6.500	2.500	43.53											
Teledrift		1	4.95	6.500	3.250	48.48											
Drill collar		1	30.94	6.500	2.750	79.42											
Stab - Roller Reamer		1	6.54	8.500	2.375	85.96											
Drill collar		1	31.94	6.500	2.750	117.90											
Stab - IB		1	6.91	8.500	2.500	124.81											
Drill collar		15	496.00	6.500	2.750	620.81											
Sub - XO		1	6.50	6.500	2.750	627.31											
Mud Pumps																	
Pump No	Model	Liner Size	Stroke	Max PSI	Max SPM	SPM	GPM	Press.	Slow Pump Rates/Pres.								
1		6	12	4667	115	85	349	2348	0/0	0/0	0/0						
2		6	12	4667	1156	85	349	2348	0/0	0/0	0/0						
Personnel Data																	
Company		Service		Qty.	Hours	Company		Service		Qty.	Hours						
ERVIN WELLSITE CON		Fred Ray		1	0.00	New Tech Engineering		Tom Hicks		1	24.00						
Totals				2.00		24.00											

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
11/27/2012	8	4884	08 - Rig Repair	10.1	\$214,968	\$970,364	\$7,621,000
11/27/2012	8	4884	08 - Rig Repair	9.9	\$214,968	\$970,364	\$7,621,000



Energen Resources Corp.

605 Richard Arrington Blvd.
Birmingham, AL 35205
(800) 292-4005

Drilling Report

Report No: 8
Report Date: 11/27/2012

Well Name: UNIVERSITY 17-18 2H					
Daily Cost Details					
IDC	Code	Vendor	Remarks	Daily Exp	Cum Exp
IDC - COMPANY SUPER	20.950.020	Ervin Wellsite Consultin	SUPERVISION	\$1,500	\$15,000
IDC - ROAD & SITE CON	20.950.030				\$195,000
IDC - DRILL - BIT & STA	20.950.101				\$12,500
IDC - DRILL - CEMENT &	20.950.102				\$176,591
IDC - DRILL - CONTRAC	20.950.103	NABORS F05	RIG	\$22,500	\$225,000
IDC - DRILL - MUD & CH	20.950.104	Venture Mud	DAILY MUD COST	\$933	\$16,985
IDC - DRILL - MUD & CH	20.950.104	Venture Mud	DAILY MUD	\$0	\$16,985
IDC - DRILL - EQUIPMEN	20.950.105	ENERGY BROADBAND	PHONE, INTERCOM	\$205	\$26,520
IDC - DRILL - EQUIPMEN	20.950.105	EBI	PHONES, INTERNET, INTERC	\$205	\$26,520
IDC - DRILL - EQUIPMEN	20.950.105	VENTURE EQUIPMENT	PREMIX PIT	\$150	\$26,520
IDC - DRILL - EQUIPMEN	20.950.105	YOUNGS	CAMP TRAILERS	\$1,050	\$26,520
IDC - DRILL - EQUIPMEN	20.950.105	CAN RIG	ROCKET	\$500	\$26,520
IDC - DRILL - FUEL POW	20.950.106				\$67,863
IDC - DRILL - HAULING	20.950.107				\$132,595
IDC - DRILL - FLUIDS	20.950.108				\$102,800
IDC - F&C - SPECIAL SE	20.950.206	ELLISON FLUID CAL	FLUID CALIPER	\$3,274	\$35,033
Total IDC:				\$30,317	\$1,038,267
TDC	Code	Vendor	Remarks	Daily Exp	Cum Exp
TDC - DE - CONDUCTO	20.940.101				\$40,000
TDC - DE - SURFACE CA	20.940.106	Sooner Pipe, L.L.P.	SURFACE CSG(9 5/8)	\$184,651	\$184,651
TDC - SE - CASING/ WE	20.940.201				\$6,155
Total TDC:				\$184,651	\$230,806
Total Cumulative Well Costs:				\$214,968	\$1,269,073

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
11/27/2012	8	4884	08 - Rig Repair	10.1	\$214,968	\$970,364	\$7,621,000
11/27/2012	8	4884	08 - Rig Repair	9.9	\$214,968	\$970,364	\$7,621,000



Energen Resources Corp.

605 Richard Arrington Blvd.
Birmingham, AL 35205
(800) 292-4005

Drilling Report

Report No: 9
Report Date: 11/28/2012

Well Name: UNIVERSITY 17-18 2H

Surface Location: 400 FSWL, 567 FNWL / Bottom Hole Location: 200 FNEL, 567 FNWL - WARD, TX

Report No:	9	Rpt T. Activity:	13 - Wait-On Cement	AFE #:	PB100912
Operation Desc:	NIPPLE UP			AFE Total:	\$7,621,000
Spud Date:	11/23/2012	API Code:	4247536255	AFE DHC:	\$4,095,500
Days from Spud:	5	Rig Supervisor 1:	TOM HICKS 713-489-1919	Daily Costs:	\$255,822
Field Name:	EORGES (BONE S	Rig Supervisor 2:	FRED RAY 713-489-1919	This AFE DHC to Date:	\$1,226,186
Sec/Twn/Rng:	17 / /	Tool Pusher:	() -	This AFE CWC to Date:	\$1,226,186
Start Depth(ft):	4884	Formation:		Total Project Costs:	\$1,269,073
Ending Depth(ft):	4884	RKB to MSL:	2690	RKB to THF:	0
TVD:	0	RKB to LMF:	0	RKB to CHF:	0
Rig Company:	NABORS DRILLIN	24 Hr. Footage:	0	Develop To:	0
Rig Name:	NABORS RIG #F-	Location Survey:	UNIVERSITY LAND SURVEY	Cum Mud Costs:	\$16,985
				Abstract:	U96

24-Hour Summary/Remarks:
FINISH RUNNING CSG.
CIRC CSG. FULL RETURNS. HELD PJSM W/ ALL PERSONNEL INVOLVED.

PRESS TEST LINES 500/3000 PSI, PUMP 1ST STAGE LEAD: 20 BBLS FW AHEAD+ 1100 SKS (334BBLS) 35/65 POZ C + 5% D044 + 6% DO20 + 3PPS D042 + .125 PPS D130 + .2% D046+.5% D201, .30% DO13, 29 PPS DO35.
LEAD CMT MIXED @ 12.6 PPG W/ A YIELD OF 2.09 FT3/SK, MIX WATER 11.08 GAL/SK. - FOLLOWED BY 1ST STAGE TAIL: 300 SKS (72 BBLS) CLASS C+.25% D201 + .2% D046 + 3 PPS D042 + .125 PPS D130. CMT MIXED @ 14.8 PPG W/ YIELD OF 1.35 FT3 / SK, MIX WATER 6.17 GAL/SK. DROPPED PLUG & DISP W/ 324 BBLS & BUMPED PLUG W/ 500 PSI OVER. RELEASED PRESS & FLOAT HELD.
.DROP BOMB & OPEN DV TOOL,CIRC APPROX 111 BBLS CMT @ FLOWLINE.
CIRC. 6 HR'S BETWEEN STAGES

PUMP 2ND STAGE LEAD CMT: 20 BBLS FW AHEAD+ 1450 SKS (459 BBLS) CLASS C + 5% D044 + 3% D020 + .2 % D046 + 3PPS D042+.125PPS D130+ .3% D 201. MIX @13.5 PPG, YIELD 1.80 FT3/SK, MIX WATER 9.318 GAL/SK. 2ND STAGE TAIL: 200 SKS CLASS C (48 BBLS) +.25% D201+ .2% D046 + 3 PPS D042+.125PPS D130. MIX @14.8 PPG W/ YIELD OF 1.35 FT3/SK, MIX WATER 6.19 GAL/SK.DROP PLUG & DISP. W/ 113 BBLS BW.
BUMP PLUG W/ 500 PSI, INCREASE TO 2000 PSI & HELD 3 MINS, BLEED OFF.
CIRC APPROX 120 BBLS CMT BACK TO SURFACE.

DAILY COST \$ 255,822
ACC COST \$ 1,226,186

Next Day Operations: NIPPLE UP BOPE AND TEST

Surveys												
Survey No.	Survey Date	Tie In	Meas. Depth	Inclination	Azimuth	Des Azi	TVD	Vert Sect	N/S(+/-)	E/W(+/-)	DLS	
8	11/26/2011	<input type="checkbox"/>	3753	1.20	0.00	0.00	3341.00	69.63	69.63	0.00	0.07	
9	11/26/2011	<input type="checkbox"/>	3869	1.40	0.00	0.00	3456.98	72.26	72.26	0.00	0.17	
10	11/26/2011	<input type="checkbox"/>	4242	1.00	0.00	0.00	3829.89	80.07	80.07	0.00	0.11	

Casing													
Type	Date Run	Casing Top	Set Depth	Size	Weight	Grade	Drift	Hole Size	TD	Shoe Test			
Surface	11/27/2012	30.00	4972.21	9.625	40.00	L-80	8.835	12.250	4884.00				
Stage	Reciprocate <input type="checkbox"/>	Bump Plug <input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>	Cement Top	Distance	Rotate	Pressure	Hold	Description	Fill%	Circ.Vol	ft.	Determined
1	0	<input type="checkbox"/>	0	<input checked="" type="checkbox"/>	FULL						0	0	Circulated
No.1	Lead, 0, 1100, 35/65 POZ, Class C, 2.09, 12.6												
No.2	Tail, 0, 300, NEAT, Class C, 1.35, 14.8												
Stage	Reciprocate <input type="checkbox"/>	Bump Plug <input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>	Cement Top	Distance	Rotate	Pressure	Hold	Description	Fill%	Circ.Vol	ft.	Determined
2	0	<input type="checkbox"/>	0	<input checked="" type="checkbox"/>	FULL						0	0	Circulated
No.1	Lead, 0, 1450, CLASS C, Class C, 1.8, 13.5												
No.2	Tail, 0, 200, CLASS C NEAT, Class C, 1.35, 14.8												

BOP Test and Inspection Dates			
Last BOP Test:		Days Since BOP Tested:	
Last BOP Drill Date:		BOP Test Due:	
Last Inspection:			

Mud Properties															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
4884	11:00	9.90	0.00	29	0	0	0/0/0	0.0	0.0	0	0.00	10.4%	89.6%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Lost	
0.0	8.00	0.00	0.00	0.00	168000	3800	0	0.00	0.00	0	0	0.00		0	
Water Lost	LCM	ECD	FL Temp	Remarks											
0	0.0	0.0	0												

Hours Summary (Daily / Cumulative)											
Drilling	0.00 / 70	Rotating	0.00 / 70	Trips	0.00 / 9	Circulating	6.00 / 7	Down	0.00 / 1	Other	18.00 / 129

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
11/28/2012	9	4884	13 - Wait-On Cement	9.9	\$255,822	\$1,226,186	\$7,621,000



Well Name: UNIVERSITY 17-18 2H

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	7:00	12	RUN 9.625 CSG	4884	4884	1
13:00	0.50	12	RU CSG BAILS FOR CEMENTING	4884	4884	1
13:30	4.50	12	CEMENT FIRST STAGE	4884	4884	1
18:00	6.00	05	CIRC BETWEEN STAGES	4884	4884	1
0:00	3.50	12	CEMENT SECOND STAGE	4884	4884	1
3:30	2.50	13	WOC,	4884	4884	1
Total:		24.00				

Drilling Data							
Hook Load:	155	Pick Up:	165	Slack Off:	145	Over Pull:	10
ROP:	0.00	Pres on Bot:	0	Press Off Bot:	0	Kickoff Depth:	0
WOB:	22	Rotary RPM:	76	Motor RPM:	137	Torque:	5500
BHA Hours:	0.00	Crew Status:		Remarks:			

Daily Bits																				
BHA	Bit	Date In	Size	Manufac.	Type	Serial No.	In	Out	Ftg	Tot Ftg	Hrs	Tot Hrs	ROP	WOB	RPM	MRPM	Torq			
2	2	11/29/2011	8.75	SMITH	MSI813	JS3403	4884	4884	0	0	0.00	0.00	0.0			0	0			
Date Out			Jets	12 / 12 / 12 / 12 / 12 / 12 / 0 / 0													TFA	0.66	Char (I/O/D/O/L/B/G/R)	////////

Drilling Assembly						
Component	Qty	Length	OD Avg	ID Avg	Tot Length	Remarks
Bit - PDC - Fixed Cutter	1	1.00	8.750	0.000	1.00	SMITH, JG3403
Motor	1	32.13	6.500	0.000	33.13	BAKER, .28 RPG
Sub - Shock	1	10.40	6.500	2.500	43.53	
Teledrift	1	4.95	6.500	3.250	48.48	
Drill collar	1	30.94	6.500	2.750	79.42	
Stab - Roller Reamer	1	6.54	8.500	2.375	85.96	
Drill collar	1	31.94	6.500	2.750	117.90	
Stab - IB	1	6.91	8.500	2.500	124.81	
Drill collar	15	496.00	6.500	2.750	620.81	
Sub - XO	1	6.50	6.500	2.750	627.31	

Mud Pumps										
Pump No	Model	Liner Size	Stroke	Max PSI	Max SPM	SPM	GPM	Press.	Slow Pump Rates/Pres.	
1		6	12	4667	115	85	349	2348	0/0	0/0
2		6	12	4667	1156	85	349	2348	0/0	0/0

Personnel Data							
Company	Service	Qty.	Hours	Company	Service	Qty.	Hours
ERVIN WELLSITE CON	Fred Ray	1	0.00	New Tech Engineering	Tom Hicks	1	24.00
Totals		2.00	24.00				

Daily Cost Details					
IDC	Code	Vendor	Remarks	Daily Exp	Cum Exp
IDC - COMPANY SUPER	20.950.020	Ervin Wellsite Consultin	SUPERVISION	\$1,500	\$15,000
IDC - ROAD & SITE CON	20.950.030				\$195,000
IDC - DRILL - BIT & STA	20.950.101				\$12,500
IDC - DRILL - CEMENT &	20.950.102	Weatherford	FLOAT EQ.& SERVICE MAN	\$14,591	\$176,591
IDC - DRILL - CEMENT &	20.950.102	Schlumberger CEMENTI	CEMENT SURFACE	\$162,000	\$176,591
IDC - DRILL - CONTRAC	20.950.103	NABORS F05	RIG	\$22,500	\$225,000
IDC - DRILL - MUD & CH	20.950.104	Venture Mud	DAILY MUD	\$0	\$16,985
IDC - DRILL - EQUIPMEN	20.950.105	EBI	PHONES, INTERNET, INTERC	\$205	\$26,520
IDC - DRILL - EQUIPMEN	20.950.105	CAN RIG	ROCKET	\$500	\$26,520
IDC - DRILL - EQUIPMEN	20.950.105	VENTURE EQUIPMENT	PREMIX PIT	\$150	\$26,520
IDC - DRILL - EQUIPMEN	20.950.105	YOUNGS	CAMP TRAILERS	\$1,050	\$26,520
IDC - DRILL - EQUIPMEN	20.950.105	ENERGY BROADBAND	PHONE, INTERCOM	\$205	\$26,520
IDC - DRILL - FUEL POW	20.950.106	WESTERN PET	DIESEL FUEL	\$24,881	\$67,863
IDC - DRILL - HAULING	20.950.107	PACCAR	HOT SHOT	\$458	\$132,595
IDC - DRILL - FLUIDS	20.950.108				\$102,800
IDC - F&C - SPECIAL SE	20.950.206	TESCO	CSG CREW	\$20,460	\$35,033
IDC - F&C - SPECIAL SE	20.950.206	EXPRESS`	LAY DN MACHINE	\$875	\$35,033
Total IDC:				\$249,375	\$1,038,267
TDC	Code	Vendor	Remarks	Daily Exp	Cum Exp
TDC - DE - CONDUCTO	20.940.101				\$40,000
TDC - DE - SURFACE CA	20.940.106				\$184,651
TDC - SE - CASING/ WE	20.940.201				\$6,155
Total TDC:					\$230,806
Total Cumulative Well Costs:				\$249,375	\$1,269,073

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
11/28/2012	9	4884	13 - Wait-On Cement	9.9	\$255,822	\$1,226,186	\$7,621,000



Well Name: UNIVERSITY 17-18 2H

Surface Location: 400 FSWL, 567 FNWL / Bottom Hole Location: 200 FNEL, 567 FNWL - WARD, TX

Report No:	10	Rpt T. Activity:	06 - Trips	AFE #:	PB100912		
Operation Desc:	DRILLING SHOE TRACT			AFE Total:	\$7,621,000		
Spud Date:	11/23/2012	API Code:	4247536255	AFE DHC:	\$4,095,500		
Days from Spud:	6	Rig Supervisor 1:	TOM HICKS	713-489-1919	Daily Costs:	\$42,887	
Field Name:	EORGES (BONE S	Rig Supervisor 2:	FRED RAY	713-489-1919	This AFE DHC to Date:	\$1,269,073	
Sec/Twn/Rng:	17 / /	Tool Pusher:	() -		This AFE CWC to Date:	\$1,269,073	
Start Depth(ft):	4884	Formation:			Total Project Costs:	\$1,269,073	
Ending Depth(ft):	4884	RKB to MSL:	2690	RKB to THF:	0	Total w/ Assoc AFEs:	\$1,269,073
TVD:	0	RKB to LMF:	0	RKB to CHF:	0	Daily Mud Costs:	\$0
Rig Company:	NABORS DRILLIN	24 Hr. Footage:	0	Develop To:	0	Cum Mud Costs:	\$16,985
Rig Name:	NABORS RIG #F-	Location Survey:	UNIVERSITY LAND SURVEY		Abstract:	U96	

24-Hour Summary/Remarks:
WOC, NIPPLE UP TEST BOPE 200 LOW/ 5000 PSI HIGH, TIH TO DV TOOL,

DAILY COST \$ 42877,
ACC COST \$ 1,269,073

Next Day Operations: DRILL NEW FORMATION

Surveys											
Survey No.	Survey Date	Tie In	Meas. Depth	Inclination	Azimuth	Des Azi	TVD	Vert Sect	N/S(+/-)	E/W(+/-)	DLS
8	11/26/2011	<input type="checkbox"/>	3753	1.20	0.00	0.00	3341.00	69.63	69.63	0.00	0.07
9	11/26/2011	<input type="checkbox"/>	3869	1.40	0.00	0.00	3456.98	72.26	72.26	0.00	0.17
10	11/26/2011	<input type="checkbox"/>	4242	1.00	0.00	0.00	3829.89	80.07	80.07	0.00	0.11

Casing											
Type	Date Run	Casing Top	Set Depth	Size	Weight	Grade	Drift	Hole Size	TD	Shoe Test	
Surface	11/27/2012	30.00	4972.21	9.625	40.00	L-80	8.835	12.250	4884.00		
Stage	Reciprocate	<input type="checkbox"/>	Bump Plug	<input checked="" type="checkbox"/>	Fluid Returns			<input checked="" type="checkbox"/>	Cement Top		
	Distance	Rotate	Pressure	Hold	Description			Fill%	Circ. Vol	ft.	Determined
1	0	<input type="checkbox"/>	0	<input checked="" type="checkbox"/>	FULL				0	0	Circulated
No.1		Lead, 0, 1100, 35/65 POZ, Class C, 2.09, 12.6									
No.2		Tail, 0, 300, NEAT, Class C, 1.35, 14.8									
Stage	Reciprocate	<input type="checkbox"/>	Bump Plug	<input checked="" type="checkbox"/>	Fluid Returns			<input checked="" type="checkbox"/>	Cement Top		
	Distance	Rotate	Pressure	Hold	Description			Fill%	Circ. Vol	ft.	Determined
2	0	<input type="checkbox"/>	0	<input checked="" type="checkbox"/>	FULL				0	0	Circulated
No.1		Lead, 0, 1450, CLASS C, Class C, 1.8, 13.5									
No.2		Tail, 0, 200, CLASS C NEAT, Class C, 1.35, 14.8									

BOP Test and Inspection Dates		
Last BOP Test:		Days Since BOP Tested:
Last BOP Drill Date:		BOP Test Due:
		Last Inspection:

Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
4884	11:00	9.90	0.00	29	0	0	0/0/0	0.0	0.0	0	0.00	10.4%	89.6%	0.0%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Lost		
0.0	8.00	0.00	0.00	0.00	168000	3800	0	0.00	0.00	0	0	0.00		0		
Water Lost	LCM	ECD	FL Temp	Remarks												
0	0.0	0.0	0													

Hours Summary (Daily / Cumulative)											
Drilling	0.00 / 70	Rotating	0.00 / 70	Trips	7.50 / 17	Circulating	0.00 / 7	Down	0.00 / 1	Other	16.50 / 146

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.50	13	WOC	4884	4884	2
7:30	10.50	14	INSTALL WH, NIPPLE UP BOPE	4884	4884	2
18:00	4.50	15	TEST BOPE	4884	4884	2
22:30	7.50	06	PU BHA # 2, TIH TO DV TOOL	4884	4884	2
Total:	24.00					

Drilling Data							
Hook Load:	155	Pick Up:	165	Slack Off:	145	Over Pull:	10
ROP:	0.00	Pres on Bot:	0	Press Off Bot:	0	Kickoff Depth:	0
WOB:	22	Rotary RPM:	76	Motor RPM:	137	Torque:	5500
BHA Hours:	0.00	Crew Status:		Remarks:			

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
11/29/2012	10	4884	06 - Trips	9.9	\$42,887	\$1,269,073	\$7,621,000



Well Name: UNIVERSITY 17-18 2H																	
Daily Bits																	
BHA	Bit	Date In	Size	Manufac.	Type	Serial No.	In	Out	Ftg	Tot Ftg	Hrs	Tot Hrs	ROP	WOB	RPM	MRPM	Torq
2	2	11/29/2011	8.75	SMITH	MSI813	JS3403	4884	4884	0	0	0.00	0.00	0.0			0	0
Date Out		Jets		12 / 12 / 12 / 12 / 12 / 12 / 0 / 0		TFA	0.66		Char (I/O/D/O/L/B/G/R)		/ / / / / / /						
Drilling Assembly																	
Component			Qty	Length	OD Avg	ID Avg	Tot Length		Remarks								
Bit - PDC - Fixed Cutter			1	1.00	8.750	0.000	1.00		SMITH, JG3403								
Motor			1	32.13	6.500	0.000	33.13		BAKER, .28 RPG								
Sub - Shock			1	10.40	6.500	2.500	43.53										
Teledrift			1	4.95	6.500	3.250	48.48										
Drill collar			1	30.94	6.500	2.750	79.42										
Stab - Roller Reamer			1	6.54	8.500	2.375	85.96										
Drill collar			1	31.94	6.500	2.750	117.90										
Stab - IB			1	6.91	8.500	2.500	124.81										
Drill collar			15	496.00	6.500	2.750	620.81										
Sub - XO			1	6.50	6.500	2.750	627.31										
Mud Pumps																	
Pump No	Model	Liner Size	Stroke	Max PSI	Max SPM	SPM	GPM	Press.	Slow Pump Rates/Pres.								
1		6	12	4667	115	85	349	2348	0/0	0/0	0/0						
2		6	12	4667	1156	85	349	2348	0/0	0/0	0/0						
Personnel Data																	
Company		Service		Qty.	Hours	Company		Service		Qty.	Hours						
ERVIN WELLSITE CON		Fred Ray		1	0.00	New Tech Engineering		Tom Hicks		1	24.00						
Totals				2.00	24.00												
Daily Cost Details																	
IDC	Code	Vendor		Remarks		Daily Exp	Cum Exp										
IDC - COMPANY SUPER	20.950.020	Ervin Wellsite Consultin		SUPERVISION		\$1,500	\$15,000										
IDC - ROAD & SITE CON	20.950.030						\$195,000										
IDC - DRILL - BIT & STA	20.950.101						\$12,500										
IDC - DRILL - CEMENT &	20.950.102						\$176,591										
IDC - DRILL - CONTRAC	20.950.103	NABORS F05		RIG		\$22,500	\$225,000										
IDC - DRILL - MUD & CH	20.950.104	Venture Mud		DAILY MUD		\$0	\$16,985										
IDC - DRILL - EQUIPMEN	20.950.105	YOUNGS		CAMP TRAILERS		\$1,050	\$26,520										
IDC - DRILL - EQUIPMEN	20.950.105	ENERGY BROADBAND		PHONE, INTERCOM		\$205	\$26,520										
IDC - DRILL - EQUIPMEN	20.950.105	VENTURE EQUIPMENT		PREMIX PIT		\$150	\$26,520										
IDC - DRILL - EQUIPMEN	20.950.105	CAN RIG		ROCKET		\$500	\$26,520										
IDC - DRILL - EQUIPMEN	20.950.105	EBI		PHONES, INTERNET, INTERC		\$205	\$26,520										
IDC - DRILL - FUEL POW	20.950.106						\$67,863										
IDC - DRILL - HAULING	20.950.107	PACCAR		HOT SHOT SCOUT TOOL		\$1,875	\$132,595										
IDC - DRILL - HAULING	20.950.107	PACCAR		HOT SHOT		\$836	\$132,595										
IDC - DRILL - FLUIDS	20.950.108						\$102,800										
IDC - F&C - SPECIAL SE	20.950.206	Monahans Nipple-Up		BOP TESTER		\$1,920	\$35,033										
IDC - F&C - SPECIAL SE	20.950.206	Monahans Nipple-Up		CSG CREW		\$4,485	\$35,033										
IDC - F&C - SPECIAL SE	20.950.206	JAMIE WELDING		WELDER		\$1,506	\$35,033										
Total IDC:						\$36,732	\$1,038,267										
TDC	Code	Vendor		Remarks		Daily Exp	Cum Exp										
TDC - DE - CONDUCTO	20.940.101						\$40,000										
TDC - DE - SURFACE CA	20.940.106						\$184,651										
TDC - SE - CASING/ WE	20.940.201	CAMERON		WELL HEAD		\$6,155	\$6,155										
Total TDC:						\$6,155	\$230,806										
Total Cumulative Well Costs:						\$42,887	\$1,269,073										

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
11/29/2012	10	4884	06 - Trips	9.9	\$42,887	\$1,269,073	\$7,621,000



Energen Resources Corp.

605 Richard Arrington Blvd.
Birmingham, AL 35205
(800) 292-4005

Drilling Report

Report No: 11
Report Date: 11/30/2012

Well Name: UNIVERSITY 17-18 2H

Surface Location: 400 FSWL, 567 FNWL / Bottom Hole Location: 200 FNEL, 567 FNWL - WARD, TX

Report No:	11	Rpt T. Activity:	02 - Drilling	AFE #:	PB100912		
Operation Desc:	DRILLING 8.75 HOLE			AFE Total:	\$7,621,000		
Spud Date:	11/23/2012	API Code:	4247536255	AFE DHC:	\$4,095,500		
Days from Spud:	7	Rig Supervisor 1:	TOM HICKS	713-489-1919	Daily Costs:	\$44,840	
Field Name:	EORGES (BONE S	Rig Supervisor 2:	FRED RAY	713-489-1919	This AFE DHC to Date:	\$1,313,913	
Sec/Twn/Rng:	17 / /	Tool Pusher:	() -		This AFE CWC to Date:	\$1,313,913	
Start Depth(ft):	4884	Formation:			Total Project Costs:	\$1,313,913	
Ending Depth(ft):	7055	RKB to MSL:	2690	RKB to THF:	0	Total w/ Assoc AFEs:	\$1,313,913
TVD:	0	RKB to LMF:	0	RKB to CHF:	0	Daily Mud Costs:	\$812
Rig Company:	NABORS DRILLIN	24 Hr. Footage:	2171	Develop To:	0	Cum Mud Costs:	\$17,797
Rig Name:	NABORS RIG #F-	Location Survey:	UNIVERSITY LAND SURVEY		Abstract:	U96	

24-Hour Summary/Remarks:
DRILLED FROM 4884-7055 ' 2171
ROP 94 FPH
WOB=18
MW =9.1
SURVEY 6719 .30 DEG
SURVEY 2831, .6815 .30 DEG

0 HRS RIG DOWNTIME
DAILY COST- \$44840
CUMULATIVE COST- \$1,313,913
CMOL: TOM HICKS

Next Day Operations: DRILLING 8.75 HOLE

Surveys											
Survey No.	Survey Date	Tie In	Meas. Depth	Inclination	Azimuth	Des Azi	TVD	Vert Sect	N/S(+/-)	E/W(+/-)	DLS
15	11/30/2012	<input type="checkbox"/>	6624	0.30	0.00	0.00	6211.73	107.35	107.35	0.00	0.00
16	11/30/2012	<input type="checkbox"/>	6719	0.30	0.00	0.00	6306.73	107.85	107.85	0.00	0.00
17	11/30/2012	<input type="checkbox"/>	6818	0.30	0.00	0.00	6405.73	108.37	108.37	0.00	0.00

Casing											
Type	Date Run	Casing Top	Set Depth	Size	Weight	Grade	Drift	Hole Size	TD	Shoe Test	
Surface	11/27/2012	30.00	4972.21	9.625	40.00	L-80	8.835	12.250	4884.00		
Stage	Reciprocate <input type="checkbox"/>	Bump Plug <input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>	Cement Top							
1	Distance 0	Rotate <input type="checkbox"/>	Pressure 0	Hold <input checked="" type="checkbox"/>	Description FULL	Fill%	Circ.Vol 0	ft. 0	Determined	Circulated	
No.1	Lead, 0, 1100, 35/65 POZ, Class C, 2.09, 12.6										
No.2	Tail, 0, 300, NEAT, Class C, 1.35, 14.8										
Stage	Reciprocate <input type="checkbox"/>	Bump Plug <input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>	Cement Top							
2	Distance 0	Rotate <input type="checkbox"/>	Pressure 0	Hold <input checked="" type="checkbox"/>	Description FULL	Fill%	Circ.Vol 0	ft. 0	Determined	Circulated	
No.1	Lead, 0, 1450, CLASS C, Class C, 1.8, 13.5										
No.2	Tail, 0, 200, CLASS C NEAT, Class C, 1.35, 14.8										

BOP Test and Inspection Dates			
Last BOP Test:		Days Since BOP Tested:	
Last BOP Drill Date:		BOP Test Due:	
		Last Inspection:	

Mud Properties															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
5340	12:00	91.00	0.00	29	0	0	0/0/0	0.0	0.0	0	0.00	5.7%	94.3%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Lost	
0.0	8.00	0.00	0.00	0.00	90000	4000	0	0.00	0.00	0	0	0.00		0	
Water Lost	LCM	ECD	FL Temp	Remarks											
0	0.0	0.0	0												

Hours Summary (Daily / Cumulative)											
Drilling	23.00 / 93	Rotating	23.00 / 93	Trips	0.00 / 17	Circulating	0.00 / 7	Down	0.00 / 1	Other	1.00 / 147

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	11.00	02	DRILL 4884-5818'	4884	5818	2
17:00	1.00	07	RIG SERVICE,	5818	5818	2
18:00	12.00	02	DRILL 5818'-7055'	5818	7055	2
Total	24.00					

Drilling Data					
Hook Load:	190	Pick Up:	195	Slack Off:	185
ROP:	94.39	Pres on Bot:	0	Press Off Bot:	0
WOB:	22	Rotary RPM:	66	Motor RPM:	160
BHA Hours:	0.00	Crew Status:		Torque:	11000
		Remarks:			

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
11/30/2012	11	7055	02 - Drilling	91	\$44,840	\$1,313,913	\$7,621,000
11/30/2012	11	7055	02 - Drilling	9.9	\$44,840	\$1,313,913	\$7,621,000



Energen Resources Corp.

605 Richard Arrington Blvd.
Birmingham, AL 35205
(800) 292-4005

Drilling Report

Report No: 11
Report Date: 11/30/2012

Well Name: UNIVERSITY 17-18 2H																	
Daily Bits																	
BHA	Bit	Date In	Size	Manufac.	Type	Serial No.	In	Out	Ftg	Tot Ftg	Hrs	Tot Hrs	ROP	WOB	RPM	MRPM	Torq
2	2	11/29/2011	8.75	SMITH	MSI813	JS3403	4884	7055	2171	2171	23.00	23.00	94.4			0	0
Date Out		Jets		12 / 12 / 12 / 12 / 12 / 12 / 0 / 0	TFA	0.66	Char (I/O/D/O/L/B/G/R)										//////
Drilling Assembly																	
Component			Qty	Length	OD Avg	ID Avg	Tot Length		Remarks								
Bit - PDC - Fixed Cutter			1	1.00	8.750	0.000	1.00		SMITH, JG3403								
Motor			1	32.13	6.500	0.000	33.13		BAKER, .28 RPG								
Sub - Shock			1	10.40	6.500	2.500	43.53										
Teledrift			1	4.95	6.500	3.250	48.48										
Drill collar			1	30.94	6.500	2.750	79.42										
Stab - Roller Reamer			1	6.54	8.500	2.375	85.96										
Drill collar			1	31.94	6.500	2.750	117.90										
Stab - IB			1	6.91	8.500	2.500	124.81										
Drill collar			15	496.00	6.500	2.750	620.81										
Sub - XO			1	6.50	6.500	2.750	627.31										
Mud Pumps																	
Pump No	Model	Liner Size	Stroke	Max PSI	Max SPM	SPM	GPM	Press.	Slow Pump Rates/Pres.								
1		6	12	4667	115	70	287	2348	0/0	0/0	0/0						
2		6	12	4667	1156	70	287	2348	0/0	0/0	0/0						
Drilling Breaks and Shows																	
BGRD Gas:	10	Trip Gas:		Surv Gas:		Conn Gas:	64	Peak Gas:	102								
Shale %:	35.0	Sand %:	0.0	Others %:	65.0	Shale Den:	0.0	D'Exp:	0.0								
Depth:	0.0	Pore Press:	0.0	H2S:	0.0	Cir. Temp:	0.0										
Desc:		35 SN, 30 LS															
Personnel Data																	
Company	Service	Qty.	Hours	Company	Service	Qty.	Hours										
ERVIN WELLSITE CON	Fred Ray	1	0.00	New Tech Engineering	Tom Hicks	1	24.00										
Totals		2.00	24.00														
Daily Cost Details																	
IDC	Code	Vendor	Remarks	Daily Exp	Cum Exp												
IDC - COMPANY SUPER	20.950.020	Ervin Wellsite Consultin	SUPERVISION	\$1,500	\$16,500												
IDC - ROAD & SITE CON	20.950.030				\$195,000												
IDC - DRILL - BIT & STA	20.950.101	Smith International	8.75 BIT	\$9,500	\$22,000												
IDC - DRILL - CEMENT &	20.950.102				\$176,591												
IDC - DRILL - CONTRAC	20.950.103	NABORS F05	RIG	\$22,500	\$247,500												
IDC - DRILL - MUD & CH	20.950.104	Venture Mud	DAILY MUD	\$0	\$17,797												
IDC - DRILL - MUD & CH	20.950.104	Venture Mud	DAILY MUD COST	\$812	\$17,797												
IDC - DRILL - EQUIPMEN	20.950.105	YOUNGS	CAMP TRAILERS	\$1,050	\$28,630												
IDC - DRILL - EQUIPMEN	20.950.105	ENERGY BROADBAND	PHONE, INTERCOM	\$205	\$28,630												
IDC - DRILL - EQUIPMEN	20.950.105	CAN RIG	ROCKET	\$500	\$28,630												
IDC - DRILL - EQUIPMEN	20.950.105	EBI	PHONES, INTERNET, INTERC	\$205	\$28,630												
IDC - DRILL - EQUIPMEN	20.950.105	VENTURE EQUIPMENT	PREMIX PIT	\$150	\$28,630												
IDC - DRILL - FUEL POW	20.950.106				\$67,863												
IDC - DRILL - HAULING	20.950.107	PACCAR	HOT SHOT	\$418	\$133,013												
IDC - DRILL - FLUIDS	20.950.108				\$102,800												
IDC - F&C - SPECIAL SE	20.950.206	ENERGEN	CONTINGENCY	\$8,000	\$43,033												
Total IDC:				\$44,840	\$1,083,107												
TDC	Code	Vendor	Remarks	Daily Exp	Cum Exp												
TDC - DE - CONDUCTO	20.940.101				\$40,000												
TDC - DE - SURFACE CA	20.940.106				\$184,651												
TDC - SE - CASING/ WE	20.940.201				\$6,155												
Total TDC:					\$230,806												
Total Cumulative Well Costs:				\$44,840	\$1,313,913												

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
11/30/2012	11	7055	02 - Drilling	91	\$44,840	\$1,313,913	\$7,621,000
11/30/2012	11	7055	02 - Drilling	9.9	\$44,840	\$1,313,913	\$7,621,000



Well Name: UNIVERSITY 17-18 2H											
Surface Location: 400 FSWL, 567 FNWL / Bottom Hole Location: 200 FNEL, 567 FNWL - WARD, TX											
Report No:	12	Rpt T. Activity:	02 - Drilling			AFE #:	PB100912				
Operation Desc:						AFE Total:	\$7,621,000				
Spud Date:	11/23/2012	API Code:	4247536255			AFE DHC:	\$4,095,500				
Days from Spud:	8	Rig Supervisor 1:	TOM HICKS	713-489-1919		Daily Costs:	\$162,610				
Field Name:	EORGES (BONE S	Rig Supervisor 2:	FRED RAY	713-489-1919		This AFE DHC to Date:	\$1,476,523				
Sec/Twn/Rng:	17 / /	Tool Pusher:	() -			This AFE CWC to Date:	\$1,476,523				
Start Depth(ft):	7055	Formation:				Total Project Costs:	\$1,585,087				
Ending Depth(ft):	8164	RKB to MSL:	2690	RKB to THF:	0	Total w/ Assoc AFEs:	\$1,585,087				
TVD:	0	RKB to LMF:	0	RKB to CHF:	0	Daily Mud Costs:	\$0				
Rig Company:	NABORS DRILLIN	24 Hr. Footage:	1109	Develop To:	0	Cum Mud Costs:	\$17,797				
Rig Name:	NABORS RIG #F-	Location Survey:	UNIVERSITY LAND SURVEY			Abstract:	U96				

24-Hour Summary/Remarks:
 DRILLED FROM 7055-8164 ' 1109
 ROP47 FPH
 WOB=18
 MW =9.1
 SURVEY 7290, 80 DEG
 SURVEY 7760-.30 DEG
 0 HRS RIG DOWNTIME
 DAILY COST- \$162,610
 CUMULATIVE COST- \$1,476,523
 CMOL: TOM HICKS

Surveys											
Survey No.	Survey Date	Tie In	Meas. Depth	Inclination	Azimuth	Des Azi	TVD	Vert Sect	N/S(+/-)	E/W(+/-)	DLS
20	12/1/2012	<input type="checkbox"/>	7195	0.90	0.00	0.00	6782.71	111.34	111.34	0.00	0.32
21	12/1/2012	<input type="checkbox"/>	7290	0.80	0.00	0.00	6877.70	112.75	112.75	0.00	0.11
22	12/1/2012	<input type="checkbox"/>	7760	0.30	0.00	0.00	7347.68	117.26	117.26	0.00	0.11

Casing											
Type	Date Run	Casing Top	Set Depth	Size	Weight	Grade	Drift	Hole Size	TD	Shoe Test	
Surface	11/27/2012	30.00	4972.21	9.625	40.00	L-80	8.835	12.250	4884.00		
Stage		Reciprocate <input type="checkbox"/>	Bump Plug <input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>			Cement Top				
1	0	<input type="checkbox"/>	0	<input checked="" type="checkbox"/>	Description		Fill%	Circ.Vol	ft.	Determined	
No.1		Lead, 0, 1100, 35/65 POZ, Class C, 2.09, 12.6									
No.2		Tail, 0, 300, NEAT, Class C, 1.35, 14.8									
Stage		Reciprocate <input type="checkbox"/>	Bump Plug <input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>			Cement Top				
2	0	<input type="checkbox"/>	0	<input checked="" type="checkbox"/>	Description		Fill%	Circ.Vol	ft.	Determined	
No.1		Lead, 0, 1450, CLASS C, Class C, 1.8, 13.5									
No.2		Tail, 0, 200, CLASS C NEAT, Class C, 1.35, 14.8									

BOP Test and Inspection Dates			
Last BOP Test:		Days Since BOP Tested:	
Last BOP Drill Date:		BOP Test Due:	
Last Inspection:			

Mud Properties															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
7055	11:00	9.10	9.20	29	0	0	0/0/0	0.0	0.0	0	0.00	10.4%	89.6%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Lost	
0.0	8.00	0.00	0.00	0.00		3800	0	0.00	0.00	0	0	0.00		0	
Water Lost	LCM	ECD	FL Temp	Remarks											
0	0.0	0.0	0												

Hours Summary (Daily / Cumulative)											
Drilling	23.50 / 117	Rotating	23.50 / 117	Trips	0.00 / 17	Circulating	0.00 / 7	Down	0.00 / 1	Other	0.50 / 147

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	11.50	02	DRILL 7055-7711	7055	7711	2
17:30	0.50	07	SERVICE RIG	7711	7711	2
18:00	12.00	02	DRILL 7711-8164	7711	8164	2
Total:	24.00					

Drilling Data					
Hook Load:	190	Pick Up:	195	Slack Off:	185
ROP:	47.19	Pres on Bot:	0	Press Off Bot:	0
WOB:	22	Rotary RPM:	66	Motor RPM:	160
BHA Hours:	0.00	Crew Status:		Torque:	11000
		Remarks:			

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
12/1/2012	12	8164	02 - Drilling	9.1	\$162,610	\$1,476,523	\$7,621,000



Well Name: UNIVERSITY 17-18 2H

Daily Bits																	
BHA	Bit	Date In	Size	Manufac.	Type	Serial No.	In	Out	Ftg	Tot Ftg	Hrs	Tot Hrs	ROP	WOB	RPM	MRPM	Torq
2	2	11/29/2011	8.75	SMITH	MSI813	JS3403	4884	8977	4093	4093	71.50	71.50	57.2			0	0
Date Out		12/2/2012	Jets	12 / 12 / 12 / 12 / 12 / 12 / 12 / 12 / 0 / 0			TFA	0.66	Char (I/O/D/O/L/B/G/R)				6 / 6 / CR / CR / S / 0 / 1 / PR				

Drilling Assembly						
Component	Qty	Length	OD Avg	ID Avg	Tot Length	Remarks
Bit - PDC - Fixed Cutter	1	1.00	8.750	0.000	1.00	SMITH, JG3403
Motor	1	32.13	6.500	0.000	33.13	BAKER, .28 RPG
Sub - Shock	1	10.40	6.500	2.500	43.53	
Teledrift	1	4.95	6.500	3.250	48.48	
Drill collar	1	30.94	6.500	2.750	79.42	
Stab - Roller Reamer	1	6.54	8.500	2.375	85.96	
Drill collar	1	31.94	6.500	2.750	117.90	
Stab - IB	1	6.91	8.500	2.500	124.81	
Drill collar	15	496.00	6.500	2.750	620.81	
Sub - XO	1	6.50	6.500	2.750	627.31	

Mud Pumps										
Pump No	Model	Liner Size	Stroke	Max PSI	Max SPM	SPM	GPM	Press.	Slow Pump Rates/Pres.	
1		6	12	4667	115	70	287	2450	0/0	0/0
2		6	12	4667	1156	70	287	2450	0/0	0/0

Drilling Breaks and Shows									
BGRD Gas:	10	Trip Gas:	Surv Gas:	Conn Gas:	46	Peak Gas:	46		
Shale %:	0.0	Sand %:	0.0	Others %:	0.0	Shale Den:	0.0	D'Exp:	0.0
Depth:	0.0	Pore Press:	0.0	H2S:	0.0	Cir. Temp:	0.0		
Desc:									

Personnel Data							
Company	Service	Qty.	Hours	Company	Service	Qty.	Hours
ERVIN WELLSITE CON	Fred Ray	1	0.00	New Tech Engineering	Tom Hicks	1	24.00
Totals		2.00	24.00				

Daily Cost Details					
IDC	Code	Vendor	Remarks	Daily Exp	Cum Exp
IDC - COMPANY SUPER	20.950.020	Ervin Wellsite Consultin	SUPERVISION	\$1,500	\$18,000
IDC - ROAD & SITE CON	20.950.030				\$195,000
IDC - DRILL - BIT & STA	20.950.101				\$22,000
IDC - DRILL - CEMENT &	20.950.102				\$176,591
IDC - DRILL - CONTRAC	20.950.103	NABORS F05	RIG	\$22,500	\$270,000
IDC - DRILL - MUD & CH	20.950.104	Venture Mud	DAILY MUD	\$0	\$17,797
IDC - DRILL - EQUIPMEN	20.950.105	YOUNGS	CAMP TRAILERS	\$1,050	\$30,740
IDC - DRILL - EQUIPMEN	20.950.105	ENERGY BROADBAND	PHONE, INTERCOM	\$205	\$30,740
IDC - DRILL - EQUIPMEN	20.950.105	EBI	PHONES, INTERNET, INTERC	\$205	\$30,740
IDC - DRILL - EQUIPMEN	20.950.105	CAN RIG	ROCKET	\$500	\$30,740
IDC - DRILL - EQUIPMEN	20.950.105	VENTURE EQUIPMENT	PREMIX PIT	\$150	\$30,740
IDC - DRILL - FUEL POW	20.950.106				\$67,863
IDC - DRILL - HAULING	20.950.107				\$133,013
IDC - DRILL - FLUIDS	20.950.108				\$102,800
IDC - F&C - SPECIAL SE	20.950.206	ENERGEN	CONTINGENCY	\$8,000	\$51,033
Total IDC:				\$34,110	\$1,245,717
TDC	Code	Vendor	Remarks	Daily Exp	Cum Exp
TDC - DE - CONDUCTO	20.940.101				\$40,000
TDC - DE - SURFACE CA	20.940.106				\$184,651
TDC - SE - CASING/ WE	20.940.201				\$6,155
Total TDC:					\$230,806
Total Cumulative Well Costs:				\$34,110	\$1,476,523

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
12/1/2012	12	8164	02 - Drilling	9.1	\$162,610	\$1,476,523	\$7,621,000



Energen Resources Corp.

605 Richard Arrington Blvd.
Birmingham, AL 35205
(800) 292-4005

Drilling Report

Report No: 13
Report Date: 12/2/2012

Well Name: UNIVERSITY 17-18 2H

Surface Location: 400 FSWL, 567 FNWL / Bottom Hole Location: 200 FNEL, 567 FNWL - WARD, TX

Report No:	13	Rpt T. Activity:	02 - Drilling		AFE #:	PB100912
Operation Desc:					AFE Total:	\$7,621,000
Spud Date:	11/23/2012	API Code:	4247536255		AFE DHC:	\$4,095,500
Days from Spud:	9	Rig Supervisor 1:	TOM HICKS	713-489-1919	Daily Costs:	\$40,389
Field Name:	EORGES (BONE S	Rig Supervisor 2:	FRED RAY	713-489-1919	This AFE DHC to Date:	\$1,516,912
Sec/Twn/Rng:	17 / /	Tool Pusher:	() -		This AFE CWC to Date:	\$1,516,912
Start Depth(ft):	8164	Formation:			Total Project Costs:	\$1,585,087
Ending Depth(ft):	8957	RKB to MSL:	2690	RKB to THF: 0	Total w/ Assoc AFEs:	\$1,585,087
TVD:	0	RKB to LMF:	0	RKB to CHF: 0	Daily Mud Costs:	\$4,849
Rig Company:	NABORS DRILLIN	24 Hr. Footage:	793	Develop To: 0	Cum Mud Costs:	\$22,646
Rig Name:	NABORS RIG #F-	Location Survey:	UNIVERSITY LAND SURVEY		Abstract:	U96

24-Hour Summary/Remarks:
DRILLED FROM 8164-8957 ' 793
ROP 33.7 FPH
WOB=18

MW = 9.3
SURVEY 8527 .70 DEG
SURVEY 8812 1.30 DEG

0 HRS RIG DOWNTIME
DAILY COST- \$40389
CUMULATIVE COST- \$1,516,912
CMOL: TOM HICKS

Surveys

Survey No.	Survey Date	Tie In	Meas. Depth	Inclination	Azimuth	Des Azi	TVD	Vert Sect	N/S(+/-)	E/W(+/-)	DLS
25	12/2/2012	<input type="checkbox"/>	8622	0.60	0.00	0.00	8209.64	125.02	125.02	0.00	0.11
26	12/2/2012	<input type="checkbox"/>	8716	0.70	0.00	0.00	8303.64	126.09	126.09	0.00	0.11
27	12/2/2012	<input type="checkbox"/>	8812	1.30	0.00	0.00	8399.62	127.76	127.76	0.00	0.63

Casing

Type	Date Run	Casing Top	Set Depth	Size	Weight	Grade	Drift	Hole Size	TD	Shoe Test	
Surface	11/27/2012	30.00	4972.21	9.625	40.00	L-80	8.835	12.250	4884.00		
Stage		Reciprocate <input type="checkbox"/>	Bump Plug <input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>			Cement Top				
	Distance	Rotate <input type="checkbox"/>	Pressure	Hold	Description	Fill%	Circ.Vol	ft.	Determined		
1	0	<input type="checkbox"/>	0	<input checked="" type="checkbox"/>	FULL		0	0	Circulated		
No.1		Lead, 0, 1100, 35/65 POZ, Class C, 2.09, 12.6									
No.2		Tail, 0, 300, NEAT, Class C, 1.35, 14.8									
Stage		Reciprocate <input type="checkbox"/>	Bump Plug <input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>			Cement Top				
	Distance	Rotate <input type="checkbox"/>	Pressure	Hold	Description	Fill%	Circ.Vol	ft.	Determined		
2	0	<input type="checkbox"/>	0	<input checked="" type="checkbox"/>	FULL		0	0	Circulated		
No.1		Lead, 0, 1450, CLASS C, Class C, 1.8, 13.5									
No.2		Tail, 0, 200, CLASS C NEAT, Class C, 1.35, 14.8									

BOP Test and Inspection Dates

Last BOP Test:		Days Since BOP Tested:		Last Inspection:	
Last BOP Drill Date:		BOP Test Due:			

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
8310	10:30	9.30	0.00	29	0	0	0/0/0	0.0	0.0	0	0.00	6.2%	93.8%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Lost	
0.0	8.50	0.00	0.00	0.00	95000	3200	0	0.00	0.00	0	0	0.00		0	
Water Lost	LCM	ECD	FL Temp	Remarks											
0	0.0	0.0	0												

Hours Summary (Daily / Cumulative)

Drilling	23.50 / 140	Rotating	23.50 / 140	Trips	0.00 / 17	Circulating	0.00 / 7	Down	0.00 / 1	Other	0.50 / 148
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Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	7:00	02	DRILL 8164- 8386	8164	8386	2
13:00	0.50	07	RIG SERVICE	8386	8386	2
13:30	16.50	02	DRILL 8366-8957	8386	8957	2
Total:	24.00					

Drilling Data

Hook Load:	190	Pick Up:	195	Slack Off:	185	Over Pull:	5
ROP:	33.74	Pres on Bot:	0	Press Off Bot:	0	Kickoff Depth:	0
WOB:	22	Rotary RPM:	66	Motor RPM:	160	Torque:	13000
BHA Hours:	0.00	Crew Status:		Remarks:			

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
12/2/2012	13	8957	02 - Drilling	9.3	\$40,389	\$1,516,912	\$7,621,000
12/2/2012	13	8957	02 - Drilling	9.1	\$40,389	\$1,516,912	\$7,621,000



Well Name: UNIVERSITY 17-18 2H

Surface Location: 400 FSWL, 567 FNWL / Bottom Hole Location: 200 FNEL, 567 FNWL - WARD, TX

Report No:	14	Rpt T. Activity:	02 - Drilling	AFE #:	PB100912		
Operation Desc:				AFE Total:	\$7,621,000		
Spud Date:	11/23/2012	API Code:	4247536255	AFE DHC:	\$4,095,500		
Days from Spud:	10	Rig Supervisor 1:	TOM HICKS	713-489-1919	Daily Costs:	\$68,175	
Field Name:	EORGES (BONE S	Rig Supervisor 2:	FRED RAY	713-489-1919	This AFE DHC to Date:	\$1,585,087	
Sec/Twn/Rng:	17 / /	Tool Pusher:	() -		This AFE CWC to Date:	\$1,585,087	
Start Depth(ft):	8957	Formation:				Total Project Costs:	\$1,585,087
Ending Depth(ft):	9310	RKB to MSL:	2690	RKB to THF:	0	Total w/ Assoc AFEs:	\$1,585,087
TVD:	0	RKB to LMF:	0	RKB to CHF:	0	Daily Mud Costs:	\$0
Rig Company:	NABORS DRILLIN	24 Hr. Footage:	353	Develop To:	0	Cum Mud Costs:	\$22,646
Rig Name:	NABORS RIG #F-	Location Survey:	UNIVERSITY LAND SURVEY	Abstract:	U96		

24-Hour Summary/Remarks:
DRILLED FROM -8957, 8977
TOH FOR BHA # 3
DRILLED FROM 8977-9310, 333'
ROP 28.9 FPH
WOB=22

MW = 9.3
SURVEY 9046-1.2, DEG
SURVEY 9195,- 1.6 DEG

0 HRS RIG DOWNTIME
DAILY COST- \$68175
CUMULATIVE COST- \$1,585,087
CMOL: TOM HICKS

Surveys											
Survey No.	Survey Date	Tie In	Meas. Depth	Inclination	Azimuth	Des Azi	TVD	Vert Sect	N/S(+/-)	E/W(+/-)	DLS
28	12/3/2012	<input type="checkbox"/>	9046	1.20	0.00	0.00	8633.57	132.87	132.87	0.00	0.04
29	12/3/2012	<input type="checkbox"/>	9100	0.90	0.00	0.00	8687.56	133.86	133.86	0.00	0.56
30	12/3/2012	<input type="checkbox"/>	9195	1.60	0.00	0.00	8782.54	135.93	135.93	0.00	0.74

Casing												
Type	Date Run	Casing Top	Set Depth	Size	Weight	Grade	Drift	Hole Size	TD	Shoe Test		
Surface	11/27/2012	30.00	4972.21	9.625	40.00	L-80	8.835	12.250	4884.00			
Stage	Reciprocate <input type="checkbox"/>	Bump Plug <input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>	Cement Top								
	Distance	Rotate	Pressure	Hold	Description			Fill%	Circ.Vol	ft.	Determined	
1	0	<input type="checkbox"/>	0	<input checked="" type="checkbox"/>	FULL				0	0	Circulated	
	No.1	Lead, 0, 1100, 35/65 POZ, Class C, 2.09, 12.6										
	No.2	Tail, 0, 300, NEAT, Class C, 1.35, 14.8										
Stage	Reciprocate <input type="checkbox"/>	Bump Plug <input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>	Cement Top								
	Distance	Rotate	Pressure	Hold	Description			Fill%	Circ.Vol	ft.	Determined	
2	0	<input type="checkbox"/>	0	<input checked="" type="checkbox"/>	FULL				0	0	Circulated	
	No.1	Lead, 0, 1450, CLASS C, Class C, 1.8, 13.5										
	No.2	Tail, 0, 200, CLASS C NEAT, Class C, 1.35, 14.8										

BOP Test and Inspection Dates		
Last BOP Test:	Days Since BOP Tested:	Last Inspection:
Last BOP Drill Date:	BOP Test Due:	

Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
8957	11:00	9.10	9.20	29	0	0	0/0/0	0.0	0.0	0	0.00	10.4%	89.6%	0.0%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Lost		
0.0	8.00	0.00	0.00	0.00		3800	0	0.00	0.00	0	0	0.00		0		
Water Lost	LCM	ECD	FL Temp	Remarks												
0	0.0	0.0	0													

Hours Summary (Daily / Cumulative)											
Drilling	13.00 / 153	Rotating	13.00 / 153	Trips	10.50 / 27	Circulating	0.00 / 7	Down	0.00 / 1	Other	0.50 / 148

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.50	02	DRILL 8957-8977	8957	8977	2
7:30	10.50	06	TRIP FOR BHA # 3	8977	8977	3
18:00	0.50	07	RIG SERVICE	8977	8977	3
18:30	11.50	02	DRILL 8977-9310	8977	9310	3
Total	24.00					

Drilling Data							
Hook Load:	285	Pick Up:	320	Slack Off:	245	Over Pull:	35
ROP:	27.15	Pres on Bot:	0	Press Off Bot:	0	Kickoff Depth:	0
WOB:	22	Rotary RPM:	66	Motor RPM:	92	Torque:	13000
BHA Hours:	0.00	Crew Status:		Remarks:			

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
12/3/2012	14	9310	02 - Drilling	9.1	\$68,175	\$1,585,087	\$7,621,000



Energen Resources Corp.

605 Richard Arrington Blvd.
Birmingham, AL 35205
(800) 292-4005

Drilling Report

Report No: 14
Report Date: 12/3/2012

Well Name: UNIVERSITY 17-18 2H																	
Daily Bits																	
BHA	Bit	Date In	Size	Manufac.	Type	Serial No.	In	Out	Ftg	Tot Ftg	Hrs	Tot Hrs	ROP	WOB	RPM	MRPM	Torq
2	2	11/29/2011	8.75	SMITH	MSI813	JS3403	4884	8977	4093	4093	71.50	71.50	57.2			0	0
Date Out		12/2/2012	Jets	12 / 12 / 12 / 12 / 12 / 12 / 0 / 0			TFA	0.66	Char (I/O/D/O/L/B/G/R)			6 / 6 / CR / CR / S / 0 / 1 / PR					
BHA	Bit	Date In	Size	Manufac.	Type	Serial No.	In	Out	Ftg	Tot Ftg	Hrs	Tot Hrs	ROP	WOB	RPM	MRPM	Torq
3	3	12/2/2012	8.75	ULTERR	MSI811M	M15649	8977	9310	333	333	11.50	11.50	29.0			0	0
Date Out			Jets	12 / 12 / 12 / 12 / 12 / 12 / 12 / 12			TFA	0.88	Char (I/O/D/O/L/B/G/R)			/ / / / / / /					
Drilling Assembly																	
Component	Qty	Length	OD Avg	ID Avg	Tot Length	Remarks											
Bit - PDC - Fixed Cutter	1	1.00	8.750	0.000	1.00												
Motor	1	32.13	6.500	0.000	33.13												
Sub - Shock	1	10.40	6.500	2.500	43.53												
Teledrift	1	4.95	6.500	3.250	48.48												
Drill collar	1	31.94	6.500	2.750	80.42												
Stab - IB	1	6.91	8.500	2.500	87.33												
Drill collar	16	496.00	6.500	2.750	583.33												
Sub - XO	1	6.50	6.500	2.750	589.83												
Mud Pumps																	
Pump No	Model	Liner Size	Stroke	Max PSI	Max SPM	SPM	GPM	Press.	Slow Pump Rates/Pres.								
1		6	12	4667	115	70	287	2280	0/0	0/0	0/0						
2		6	12	4667	1156	70	287	2280	0/0	0/0	0/0						
Personnel Data																	
Company	Service	Qty.	Hours	Company	Service	Qty.	Hours										
ERVIN WELLSITE CON	Fred Ray	1	0.00	New Tech Engineering	Tom Hicks	1	24.00										
Totals		2.00	24.00														
Daily Cost Details																	
IDC	Code	Vendor	Remarks	Daily Exp	Cum Exp												
IDC - COMPANY SUPER	20.950.020	Ervin Wellsite Consultin	SUPERVISION	\$1,500	\$21,000												
IDC - ROAD & SITE CON	20.950.030				\$195,000												
IDC - DRILL - BIT & STA	20.950.101	Ulterra Bits	PDC BIT, 811	\$9,800	\$31,800												
IDC - DRILL - CEMENT &	20.950.102				\$176,591												
IDC - DRILL - CONTRAC	20.950.103	NABORS F05	RIG	\$22,500	\$315,000												
IDC - DRILL - MUD & CH	20.950.104	Venture Mud	DAILY MUD	\$0	\$22,646												
IDC - DRILL - EQUIPMEN	20.950.105	EBI	PHONES, INTERNET, INTERC	\$205	\$34,960												
IDC - DRILL - EQUIPMEN	20.950.105	VENTURE EQUIPMENT	PREMIX PIT	\$150	\$34,960												
IDC - DRILL - EQUIPMEN	20.950.105	CAN RIG	ROCKET	\$500	\$34,960												
IDC - DRILL - EQUIPMEN	20.950.105	YOUNGS	CAMP TRAILERS	\$1,050	\$34,960												
IDC - DRILL - EQUIPMEN	20.950.105	ENERGY BROADBAND	PHONE, INTERCOM	\$205	\$34,960												
IDC - DRILL - FUEL POW	20.950.106	WESTERN PET.	DESIEL FUEL	\$24,265	\$92,128												
IDC - DRILL - HAULING	20.950.107				\$134,443												
IDC - DRILL - FLUIDS	20.950.108				\$102,800												
IDC - F&C - SPECIAL SE	20.950.206	ENERGEN	CONTINGENCY	\$8,000	\$67,033												
Total IDC:				\$68,175	\$1,354,281												
TDC	Code	Vendor	Remarks	Daily Exp	Cum Exp												
TDC - DE - CONDUCTO	20.940.101				\$40,000												
TDC - DE - SURFACE CA	20.940.106				\$184,651												
TDC - SE - CASING/ WE	20.940.201				\$6,155												
Total TDC:					\$230,806												
Total Cumulative Well Costs:				\$68,175	\$1,585,087												

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
12/3/2012	14	9310	02 - Drilling	9.1	\$68,175	\$1,585,087	\$7,621,000



Energen Resources Corp.

605 Richard Arrington Blvd.
Birmingham, AL 35205
(800) 292-4005

Drilling Report

Report No: 15
Report Date: 12/4/2012

Well Name: UNIVERSITY 17-18 2H

Surface Location: 400 FSWL, 567 FNWL / Bottom Hole Location: 200 FNEL, 567 FNWL - WARD, TX

Report No:	15	Rpt T. Activity:	02 - Drilling	AFE #:	PB100912		
Operation Desc:	DRILLING 8.75 HOLE			AFE Total:	\$7,621,000		
Spud Date:	11/23/2012	API Code:	4247536255	AFE DHC:	\$4,095,500		
Days from Spud:	11	Rig Supervisor 1:	TOM HICKS	713-489-1919	Daily Costs:	\$35,504	
Field Name:	EORGES (BONE S	Rig Supervisor 2:	FRED RAY	713-489-1919	This AFE DHC to Date:	\$1,620,591	
Sec/Twn/Rng:	17 / /	Tool Pusher:	() -		This AFE CWC to Date:	\$1,620,591	
Start Depth(ft):	9310	Formation:			Total Project Costs:	\$1,620,591	
Ending Depth(ft):	9870	RKB to MSL:	2690	RKB to THF:	0	Total w/ Assoc AFEs:	\$1,620,591
TVD:	0	RKB to LMF:	0	RKB to CHF:	0	Daily Mud Costs:	\$646
Rig Company:	NABORS DRILLIN	24 Hr. Footage:	560	Develop To:	0	Cum Mud Costs:	\$23,292
Rig Name:	NABORS RIG #F-	Location Survey:	UNIVERSITY LAND SURVEY		Abstract:	U96	

24-Hour Summary/Remarks:
DRILLED FROM 9310- 9870, 560'
TRIP FOR WASH OUT 9538', 4250' FROM SURFACE, TIH

ROP 29.4FPH
WOB=22

MW = 9.3
SURVEY 9566, 1.20 DEG
SURVEY9661, .60 DEG

0 HRS RIG DOWNTIME
DAILY COST- \$35504
CUMULATIVE COST- \$1,620,591
CMOL: TOM HICKS

Next Day Operations: DRILL 8.75 HOLE

Surveys											
Survey No.	Survey Date	Tie In	Meas. Depth	Inclination	Azimuth	Des Azi	TVD	Vert Sect	N/S(+/-)	E/W(+/-)	DLS
28	12/3/2012	<input type="checkbox"/>	9046	1.20	0.00	0.00	8633.57	132.87	132.87	0.00	0.04
29	12/3/2012	<input type="checkbox"/>	9100	0.90	0.00	0.00	8687.56	133.86	133.86	0.00	0.56
30	12/3/2012	<input type="checkbox"/>	9195	1.60	0.00	0.00	8782.54	135.93	135.93	0.00	0.74

Casing											
Type	Date Run	Casing Top	Set Depth	Size	Weight	Grade	Drift	Hole Size	TD	Shoe Test	
Surface	11/27/2012	30.00	4972.21	9.625	40.00	L-80	8.835	12.250	4884.00		
Stage	Reciprocate <input type="checkbox"/>	Bump Plug <input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>	Cement Top							
	Distance	Rotate	Pressure	Hold	Description		Fill%	Circ.Vol	ft.	Determined	
1	0	<input type="checkbox"/>	0	<input checked="" type="checkbox"/>	FULL			0	0	Circulated	
	No.1	Lead, 0, 1100, 35/65 POZ, Class C, 2.09, 12.6									
	No.2	Tail, 0, 300, NEAT, Class C, 1.35, 14.8									
Stage	Reciprocate <input type="checkbox"/>	Bump Plug <input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>	Cement Top							
	Distance	Rotate	Pressure	Hold	Description		Fill%	Circ.Vol	ft.	Determined	
2	0	<input type="checkbox"/>	0	<input checked="" type="checkbox"/>	FULL			0	0	Circulated	
	No.1	Lead, 0, 1450, CLASS C, Class C, 1.8, 13.5									
	No.2	Tail, 0, 200, CLASS C NEAT, Class C, 1.35, 14.8									

BOP Test and Inspection Dates			
Last BOP Test:		Days Since BOP Tested:	
Last BOP Drill Date:		BOP Test Due:	
Last Inspection:			

Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
9410	10:30	9.30	0.00	0	0	0	0/0/0	0.0	0.0	0	0.00	6.2%	93.8%	0.0%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Lost		
0.0	11.00	0.00	0.00	0.00	95000	3300	0	0.00	0.00	0	0	0.00		0		
Water Lost	LCM	ECD	FL Temp	Remarks												
0	0.0	0.0	0													

Hours Summary (Daily / Cumulative)											
Drilling	19.00 / 172	Rotating	19.00 / 172	Trips	4.00 / 31	Circulating	0.00 / 7	Down	0.00 / 1	Other	1.00 / 149

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	5.00	02	DRILL 9010- 9426	9310	9426	3
11:00	0.50	07	RIG SERVICE	9426	9426	3
11:30	4.00	02	DRILL 9426-9538	9426	9538	3
15:30	0.50	07	CHANGE ROTATING RUBBER	9538	9538	3
16:00	4.00	06	ROUND TRIP TO 4250 FOR WASH OUT	9538	9538	3
20:00	10.00	02	DRILL 9538-9870	9538	9870	3
Total:	24.00					

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
12/4/2012	15	9870	02 - Drilling	9.3	\$35,504	\$1,620,591	\$7,621,000
12/4/2012	15	9870	02 - Drilling	9.1	\$35,504	\$1,620,591	\$7,621,000



Energen Resources Corp.

605 Richard Arrington Blvd.
Birmingham, AL 35205
(800) 292-4005

Drilling Report

Report No: 16
Report Date: 12/5/2012

Well Name: UNIVERSITY 17-18 2H											
Surface Location: 400 FSWL, 567 FNWL / Bottom Hole Location: 200 FNEL, 567 FNWL - WARD, TX											
Report No:	16	Rpt T. Activity:	06 - Trips	AFE #:	PB100912						
Operation Desc:	TIH	AFE Total:	\$7,621,000								
Spud Date:	11/23/2012	API Code:	4247536255								
Days from Spud:	12	Rig Supervisor 1:	TOM HICKS	713-489-1919	Daily Costs:	\$95,772					
Field Name:	EORGES (BONE S	Rig Supervisor 2:	FRED RAY	713-489-1919	This AFE DHC to Date:	\$1,716,363					
Sec/Twn/Rng:	17 / /	Tool Pusher:	() -			This AFE CWC to Date:	\$1,716,363				
Start Depth(ft):	9870	Formation:	Total Project Costs: \$1,818,631								
Ending Depth(ft):	10398	RKB to MSL:	2690	RKB to THF:	0	Total w/ Assoc AFEs:	\$1,818,631				
TVD:	0	RKB to LMF:	0	RKB to CHF:	0	Daily Mud Costs:	\$13,225				
Rig Company:	NABORS DRILLIN	24 Hr. Footage:	528	Develop To:	0	Cum Mud Costs:	\$36,517				
Rig Name:	NABORS RIG #F-	Location Survey:	UNIVERSITY LAND SURVEY			Abstract:	U96				

24-Hour Summary/Remarks:
DRILLED 9870 - 10398 = 528'
ROP 32
WOB= 20
MW = 9.3
LOST 200 PSI DP PRESSURE. TRIP 60 STANDS TO HOLE IN DP. 59xx.

SURVEY @ 10377 1.6 DEGREES
SURVEY @ 10282 1.8 DEGREES

0 HRS RIG DOWNTIME
DAILY COST- \$ 94,042
CUMULATIVE COST- \$1,714,633
CMOL: FRED RAY

Next Day Operations: DRILL TO KOP.

Surveys											
Survey No.	Survey Date	Tie In	Meas. Depth	Inclination	Azimuth	Des Azi	TVD	Vert Sect	N/S(+/-)	E/W(+/-)	DLS
30	12/3/2012	<input type="checkbox"/>	9195	1.60	0.00	0.00	8782.54	135.93	135.93	0.00	0.74
31	12/5/2012	<input type="checkbox"/>	10282	1.80	0.00	0.00	9869.06	168.18	168.18	0.00	0.02
32	12/5/2012	<input type="checkbox"/>	10377	1.60	0.00	0.00	9964.02	171.00	171.00	0.00	0.21

Casing											
Type	Date Run	Casing Top	Set Depth	Size	Weight	Grade	Drift	Hole Size	TD	Shoe Test	
Surface	11/27/2012	30.00	4972.21	9.625	40.00	L-80	8.835	12.250	4884.00		
Stage	Reciprocate <input type="checkbox"/>	Bump Plug <input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>	Cement Top							
	Distance	Rotate	Pressure	Hold	Description	Fill%	Circ.Vol	ft.	Determined		
1	0	<input type="checkbox"/>	0	<input checked="" type="checkbox"/>	FULL		0	0	Circulated		
	No.1	Lead, 0, 1100, 35/65 POZ, Class C, 2.09, 12.6									
	No.2	Tail, 0, 300, NEAT, Class C, 1.35, 14.8									
Stage	Reciprocate <input type="checkbox"/>	Bump Plug <input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>	Cement Top							
	Distance	Rotate	Pressure	Hold	Description	Fill%	Circ.Vol	ft.	Determined		
2	0	<input type="checkbox"/>	0	<input checked="" type="checkbox"/>	FULL		0	0	Circulated		
	No.1	Lead, 0, 1450, CLASS C, Class C, 1.8, 13.5									
	No.2	Tail, 0, 200, CLASS C NEAT, Class C, 1.35, 14.8									

BOP Test and Inspection Dates			
Last BOP Test:		Days Since BOP Tested:	
Last BOP Drill Date:		BOP Test Due:	
		Last Inspection:	

Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
10190	9:30	9.30	9.20	29	0	0	0/0/0	0.0	0.0	0	0.00	6.3%	92.7%	1.0%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Lost		
0.0	10.00	0.05	0.05	0.18	95000	2800	0	0.00	0.00	0	0	0.00	1/99	0		
Water Lost	LCM	ECD	FL Temp	Remarks												
0	0.0	9.5	0													

Hours Summary (Daily / Cumulative)											
Drilling	16.50 / 189	Rotating	16.50 / 189	Trips	7.00 / 38	Circulating	0.00 / 7	Down	0.00 / 1	Other	0.50 / 150

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	0.50	07	SERVICE RIG	9870	9870	3
6:30	16.50	02	DRILL 9870-10398. LOST 200 PSI PUMP PRESSURE. CHECK PUMPS.	9870	10398	3
23:00	7.00	06	ROUND TRIP 60 STANDS DP. HOLE 59 AND A DOUBLE.	10398	10398	3
Total	24.00					

Drilling Data					
Hook Load:	285	Pick Up:	320	Slack Off:	245
ROP:	32.00	Pres on Bot:	0	Press Off Bot:	0
WOB:	22	Rotary RPM:	70	Motor RPM:	92
BHA Hours:	0.00	Crew Status:		Torque:	13000
		Remarks:			

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
12/5/2012	16	10398	06 - Trips	9.3	\$95,772	\$1,716,363	\$7,621,000



Energen Resources Corp.

605 Richard Arrington Blvd.
Birmingham, AL 35205
(800) 292-4005

Drilling Report

Report No: 17
Report Date: 12/6/2012

Well Name: UNIVERSITY 17-18 2H

Surface Location: 400 FSWL, 567 FNWL / Bottom Hole Location: 200 FNEL, 567 FNWL - WARD, TX

Report No:	17	Rpt T. Activity:	06 - Trips	AFE #:	PB100912		
Operation Desc:	TIH	AFE Total:	\$7,621,000				
Spud Date:	11/23/2012	API Code:	4247536255				
Days from Spud:	13	Rig Supervisor 1:	TOM HICKS	713-489-1919	Daily Costs:	\$102,268	
Field Name:	EORGES (BONE S	Rig Supervisor 2:	FRED RAY	713-489-1919	This AFE DHC to Date:	\$1,818,631	
Sec/Twn/Rng:	17 / /	Tool Pusher:	() -				
Start Depth(ft):	10398	Formation:					
Ending Depth(ft):	10546	RKB to MSL:	2690	RKB to THF:	0	Total w/ Assoc AFEs:	\$1,818,631
TVD:	0	RKB to LMF:	0	RKB to CHF:	0	Daily Mud Costs:	\$4,015
Rig Company:	NABORS DRILLIN	24 Hr. Footage:	148	Develop To:	0	Cum Mud Costs:	\$40,532
Rig Name:	NABORS RIG #F-	Location Survey:	UNIVERSITY LAND SURVEY			Abstract:	U96

24-Hour Summary/Remarks:
DRILLED 10398 - 10546 = 148'
ROP 27
WOB= 20
MW = 9.3
LOST 200 PSI DP PRESSURE. CIRCULATE SWEEP.
RUN GYRO SURVEY. SPOT KILL MUD. TOH.
FOUND CRACK IN DP 43 STANDS.
PU PHOENIX BHA. TEST. START TIH.
STAGE OUT KILL MUD.

SURVEY @ 10421 1.10 DEGREES

0 HRS RIG DOWNTIME
DAILY COST- \$ 102,268
CUMULATIVE COST- \$1,818,631
CMOL: FRED RAY

Next Day Operations: FINISH TIH. DRILL CURVE.

Surveys											
Survey No.	Survey Date	Tie In	Meas. Depth	Inclination	Azimuth	Des Azi	TVD	Vert Sect	N/S(+/-)	E/W(+/-)	DLS
31	12/5/2012	<input type="checkbox"/>	10282	1.80	0.00	0.00	9869.06	168.18	0.00	0.00	0.02
32	12/5/2012	<input type="checkbox"/>	10377	1.60	0.00	0.00	9964.02	171.00	171.00	0.00	0.21
33	12/6/2012	<input type="checkbox"/>	10421	1.10	0.00	0.00	10008.00	172.03	172.03	0.00	1.14

Casing												
Type	Date Run	Casing Top	Set Depth	Size	Weight	Grade	Drift	Hole Size	TD	Shoe Test		
Surface	11/27/2012	30.00	4972.21	9.625	40.00	L-80	8.835	12.250	4884.00			
Stage		Reciprocate <input type="checkbox"/>	Bump Plug <input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>				Cement Top				
	Distance	Rotate	Pressure	Hold	Description			Fill%	Circ. Vol	ft.	Determined	
1	0	<input type="checkbox"/>	0	<input checked="" type="checkbox"/>	FULL				0	0	Circulated	
No.1		Lead, 0, 1100, 35/65 POZ, Class C, 2.09, 12.6										
No.2		Tail, 0, 300, NEAT, Class C, 1.35, 14.8										
Stage		Reciprocate <input type="checkbox"/>	Bump Plug <input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>				Cement Top				
	Distance	Rotate	Pressure	Hold	Description			Fill%	Circ. Vol	ft.	Determined	
2	0	<input type="checkbox"/>	0	<input checked="" type="checkbox"/>	FULL				0	0	Circulated	
No.1		Lead, 0, 1450, CLASS C, Class C, 1.8, 13.5										
No.2		Tail, 0, 200, CLASS C NEAT, Class C, 1.35, 14.8										

Pipe on Rack	12/6/2012	0.00	11132.00	7.000	29.00	P-110		8.750	11132.00	
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BOP Test and Inspection Dates			
Last BOP Test:		Days Since BOP Tested:	
Last BOP Drill Date:		BOP Test Due:	
		Last Inspection:	

Mud Properties															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
10398	9:30	9.30	9.20	29	0	0	0/0/0	0.0	0.0	0	0.00	6.3%	92.7%	1.0%	0.0%
	MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Lost
0.0	10.00	0.05	0.05	0.18	95000	2800	0	0.00	0.00	0	0	0.00		1/99	0
Water Lost		LCM	ECD	FL Temp	Remarks										
0	0.0	9.5	0												

Hours Summary (Daily / Cumulative)											
Drilling	5.50 / 194	Rotating	5.50 / 194	Trips	11.50 / 50	Circulating	3.50 / 11	Down	0.00 / 1	Other	3.50 / 153

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	0.50	06	FINISH TIH.	10398	10398	3
6:30	5.50	02	DRILL 10398-10546.	10398	10546	3
12:00	1.50	05	PUMP SWEEPS AND CIRCULATE CLEAN.	10546	10546	3
13:30	3.50	10	RUN GYRO SURVEY.	10546	10546	3
17:00	2.00	05	CIRCULATE BOTTOMS. SPOT KILL MUD.	10546	10546	3
19:00	6.00	06	TOH FOR CURVE BHA. CRACK IN DP 43 STANDS. LD DC.	10546	10546	3
1:00	5.00	06	PU PHOENIX BHA. TEST. TIH. STAGE OUT KILL MUD EVERY 1000'.	10546	10546	3
Total:	24.00					

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
12/6/2012	17	10546	06 - Trips	9.3	\$102,268	\$1,818,631	\$7,621,000



Well Name: UNIVERSITY 17-18 2H																	
Drilling Data																	
Hook Load:	285	Pick Up:	320	Slack Off:	245	Over Pull:	35										
ROP:	26.91	Pres on Bot:	0	Press Off Bot:	0	Kickoff Depth:	0										
WOB:	22	Rotary RPM:	70	Motor RPM:	92	Torque:	13000										
BHA Hours:	0.00	Crew Status:		Remarks:													
Daily Bits																	
BHA	Bit	Date In	Size	Manufac.	Type	Serial No.	In	Out	Ftg	Tot Ftg	Hrs	Tot Hrs	ROP	WOB	RPM	MRPM	Torq
3	3	12/2/2012	8.75	ULTERR	MSI811M	M15649	8977	10546	1569	1569	52.50	52.50	29.9	20	70	92	15
Date Out	12/6/2012	Jets	12 / 12 / 12 / 12 / 12 / 12 / 12 / 12 / 12	TFA	0.88	Char (I/O/D/O/L/B/G/R)	/ / / / / / / /										
Drilling Assembly																	
Component		Qty	Length	OD Avg	ID Avg	Tot Length	Remarks										
Bit - PDC - Fixed Cutter		1	1.00	8.750	0.000	1.00											
Motor		1	32.13	6.500	0.000	33.13											
Sub - Shock		1	10.40	6.500	2.500	43.53											
Teledrift		1	4.95	6.500	3.250	48.48											
Drill collar		1	31.94	6.500	2.750	80.42											
Stab - IB		1	6.91	8.500	2.500	87.33											
Drill collar		16	496.00	6.500	2.750	583.33											
Sub - XO		1	6.50	6.500	2.750	589.83											
BHA	Bit	Date In	Size	Manufac.	Type	Serial No.	In	Out	Ftg	Tot Ftg	Hrs	Tot Hrs	ROP	WOB	RPM	MRPM	Torq
4	4	12/6/2012	8.75	HUGHE	EP7187	9736	10546	0	0		0.00		0.0			0	0
Date Out		Jets	18 / 18 / 18 / 0 / 0 / 0 / 0 / 0	TFA	0.75	Char (I/O/D/O/L/B/G/R)	/ / / / / / / /										
Drilling Assembly																	
Component		Qty	Length	OD Avg	ID Avg	Tot Length	Remarks										
Bit - Insert - Tri-Cone		1	1.00	8.750	0.000	1.00	HUGHES EP7187										
Motor - steerable		1	26.96	6.500	0.000	27.96	7/8 5 STG 2.38										
Monel		1	9.31	6.500	2.875	37.27	PONY MONEL										
Sub - Orienting		1	2.75	6.500	2.875	40.02	UBHO										
Monel		1	31.06	6.625	2.875	71.08	SLICK MONEL										
Monel		1	30.72	6.500	2.875	101.80	FLEX MONEL										
Sub - XO		1	2.00	6.500	2.875	103.80	XO										
Mud Pumps																	
Pump No	Model	Liner Size	Stroke	Max PSI	Max SPM	SPM	GPM	Press.	Slow Pump Rates/Pres.								
1		6	12	4667	115	70	287	2280	0/0	0/0	0/0						
2		6	12	4667	1156	70	287	2280	0/0	0/0	0/0						
Personnel Data																	
Company		Service		Qty.	Hours	Company		Service		Qty.	Hours						
ERVIN WELLSITE CON		Fred Ray		1	24.00	New Tech Engineering		Tom Hicks		0	0.00						
Totals				1.00	24.00												

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
12/6/2012	17	10546	06 - Trips	9.3	\$102,268	\$1,818,631	\$7,621,000



Well Name: UNIVERSITY 17-18 2H					
Daily Cost Details					
IDC	Code	Vendor	Remarks	Daily Exp	Cum Exp
IDC - COMPANY SUPER	20.950.020	Ervin Wellsite Consultin	SUPERVISION	\$1,500	\$25,500
IDC - ROAD & SITE CON	20.950.030				\$195,000
IDC - DRILL - BIT & STA	20.950.101				\$31,800
IDC - DRILL - CEMENT &	20.950.102	ELLISON	FLUID CALIPER	\$2,426	\$179,017
IDC - DRILL - CONTRAC	20.950.103	NABORS F05	RIG	\$22,500	\$382,500
IDC - DRILL - MUD & CH	20.950.104	Venture Mud	DAILY MUD	\$4,015	\$40,532
IDC - DRILL - EQUIPMEN	20.950.105	YOUNGS	CAMP TRAILERS	\$1,050	\$66,262
IDC - DRILL - EQUIPMEN	20.950.105	Man Welding Services	GAS SEP	\$250	\$66,262
IDC - DRILL - EQUIPMEN	20.950.105	Permian	GENERATOR	\$150	\$66,262
IDC - DRILL - EQUIPMEN	20.950.105	SWACO	CHOKES	\$150	\$66,262
IDC - DRILL - EQUIPMEN	20.950.105	ENERGY BROADBAND	PHONE, INTERCOM	\$205	\$66,262
IDC - DRILL - EQUIPMEN	20.950.105	CAN RIG	ROCKET	\$500	\$66,262
IDC - DRILL - EQUIPMEN	20.950.105	EBI	PHONES, INTERNET, INTERC	\$205	\$66,262
IDC - DRILL - EQUIPMEN	20.950.105	VENTURE EQUIPMENT	PREMIX PIT	\$150	\$66,262
IDC - DRILL - EQUIPMEN	20.950.105	ASI	SAFETY	\$100	\$66,262
IDC - DRILL - EQUIPMEN	20.950.105	PHOENIX TECHNOLOG	DRILL CURVE	\$32,150	\$66,262
IDC - DRILL - FUEL POW	20.950.106	WESTERN	DIESEL	\$0	\$116,243
IDC - DRILL - HAULING	20.950.107				\$135,191
IDC - DRILL - FLUIDS	20.950.108				\$102,800
IDC - F&C - EQUIPMENT	20.950.203	LONE STAR	INSPECT 4" DP	\$21,945	\$21,945
IDC - F&C - SPECIAL SE	20.950.206	VAUGHN	GYRO SURVEY	\$6,972	\$98,005
IDC - F&C - SPECIAL SE	20.950.206	ENERGEN	CONTINGENCY	\$8,000	\$98,005
Total IDC:				\$102,268	\$1,587,825
TDC	Code	Vendor	Remarks	Daily Exp	Cum Exp
TDC - DE - CONDUCTO	20.940.101				\$40,000
TDC - DE - SURFACE CA	20.940.106				\$184,651
TDC - SE - CASING/ WE	20.940.201				\$6,155
Total TDC:					\$230,806
Total Cumulative Well Costs:				\$102,268	\$1,818,631

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
12/6/2012	17	10546	06 - Trips	9.3	\$102,268	\$1,818,631	\$7,621,000



Energen Resources Corp.

605 Richard Arrington Blvd.
Birmingham, AL 35205
(800) 292-4005

Drilling Report

Report No: 18
Report Date: 12/7/2012

Well Name: UNIVERSITY 17-18 2H															
Surface Location: 400 FSWL, 567 FNWL / Bottom Hole Location: 200 FNEL, 567 FNWL - WARD, TX															
Report No:	18	Rpt T. Activity:	02 - Drilling		AFE #:	PB100912									
Operation Desc:	DRILL CURVE			AFE Total:	\$7,621,000										
Spud Date:	11/23/2012	API Code:	4247536255			AFE DHC:	\$4,095,500								
Days from Spud:	14	Rig Supervisor 1:	TOM HICKS	713-489-1919	Daily Costs:	\$54,702									
Field Name:	EORGES (BONE S	Rig Supervisor 2:	FRED RAY	713-489-1919	This AFE DHC to Date:	\$1,873,333									
Sec/Twn/Rng:	17 / /	Tool Pusher:	() -			This AFE CWC to Date:	\$1,873,333								
Start Depth(ft):	10546	Formation:				Total Project Costs:	\$1,873,333								
Ending Depth(ft):	10700	RKB to MSL:	2690	RKB to THF:	0	Total w/ Assoc AFEs:	\$1,873,333								
TVD:		RKB to LMF:	0	RKB to CHF:	0	Daily Mud Costs:	\$4,277								
Rig Company:	NABORS DRILLIN	24 Hr. Footage:	154	Develop To:	0	Cum Mud Costs:	\$44,809								
Rig Name:	NABORS RIG #F-	Location Survey:	UNIVERSITY LAND SURVEY			Abstract:	U96								
24-Hour Summary/Remarks: DRILLED 10546 - 10700 = 154'. ROP = 10 WOB= 15 MW = 9.3 TIH. STAGE OUT KILL MUD EVERY 1000'. RUN GAMMA LOG 10045-10545.. SURVEY @ 10594 .2 DEGREES SURVEY @ 10626 3.1 DEGREES 0 HRS RIG DOWNTIME DAILY COST- \$ 54,702 CUMULATIVE COST- \$1,873,333 CMOL: FRED RAY															
Next Day Operations: DRILL CURVE															
Surveys															
Survey No.	Survey Date	Tie In	Meas. Depth	Inclination	Azimuth	Des Azi	TVD	Vert Sect	N/S(+/-)	E/W(+/-)	DLS				
34	12/7/2012	<input type="checkbox"/>	10562	0.50	262.20	0.00	10148.99	173.30	173.30	-0.61	0.90				
35	12/7/2012	<input type="checkbox"/>	10594	0.20	291.40	0.00	10180.99	173.30	173.30	-0.80	1.06				
36	12/7/2012	<input type="checkbox"/>	10626	3.10	73.20	0.00	10212.98	173.57	173.57	-0.02	10.19				
Casing															
Type	Date Run	Casing Top	Set Depth	Size	Weight	Grade	Drift	Hole Size	TD	Shoe Test					
Surface	11/27/2012	30.00	4972.21	9.625	40.00	L-80	8.835	12.250	4884.00						
Stage	Reciprocate <input type="checkbox"/>	Bump Plug <input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>				Cement Top								
	Distance	Rotate	Pressure	Hold	Description	Fill%	Circ.Vol	ft.	Determined						
1	0	<input type="checkbox"/>	0	<input checked="" type="checkbox"/>	FULL		0	0	Circulated						
No.1	Lead, 0, 1100, 35/65 POZ, Class C, 2.09, 12.6														
No.2	Tail, 0, 300, NEAT, Class C, 1.35, 14.8														
Stage	Reciprocate <input type="checkbox"/>	Bump Plug <input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>				Cement Top								
	Distance	Rotate	Pressure	Hold	Description	Fill%	Circ.Vol	ft.	Determined						
2	0	<input type="checkbox"/>	0	<input checked="" type="checkbox"/>	FULL		0	0	Circulated						
No.1	Lead, 0, 1450, CLASS C, Class C, 1.8, 13.5														
No.2	Tail, 0, 200, CLASS C NEAT, Class C, 1.35, 14.8														
Pipe on Rack	12/6/2012	0.00	11132.00	7.000	29.00	P-110		8.750	11132.00						
BOP Test and Inspection Dates															
Last BOP Test:		Days Since BOP Tested:		Last Inspection:											
Last BOP Drill Date:		BOP Test Due:													
Mud Properties															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
10546	9:30	9.30	9.20	29	0	0	0/0/0	0.0	0.0	0	0.00	6.3%	92.7%	1.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Lost	
0.0	10.00	0.05	0.05	0.18	95000	2800	0	0.00	0.00	0	0	0.00	1/99	0	
Water Lost	LCM	ECD	FL Temp	Remarks											
0	0.0	9.5	0												
Hours Summary (Daily / Cumulative)															
Drilling	16.00 / 210	Rotating	16.00 / 210	Trips	8.00 / 58	Circulating	0.00 / 11	Down	0.00 / 1	Other	0.00 / 153				
Operations															
Start	Hrs	Code	Remarks							Start Depth	End Depth	Run			
6:00	8.00	06	TIH. STAGE OUT KILL MUD EVERY 1000'.							10546	10546	4			
14:00	6.50	20	RUN GAMMA LOG 10045-10546.							10546	10546	4			
20:30	9.50	02	DRILL 10546-10700							10546	10700	4			
Total:	24.00														
Drilling Data															
Hook Load:	290	Pick Up:	320	Slack Off:	280	Over Pull:	30								
ROP:	9.63	Pres on Bot:	0	Press Off Bot:	0	Kickoff Depth:	0								
WOB:	15	Rotary RPM:	15	Motor RPM:	115	Torque:	6000								
BHA Hours:	0.00	Crew Status:	Remarks:												

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
12/7/2012	18	10700	02 - Drilling	9.3	\$54,702	\$1,873,333	\$7,621,000



Well Name: UNIVERSITY 17-18 2H									
Surface Location: 400 FSWL, 567 FNWL / Bottom Hole Location: 200 FNEL, 567 FNWL - WARD, TX									
Report No:	19	Rpt T. Activity:	02 - Drilling			AFE #:	PB100912		
Operation Desc:	DRILL CURVE			AFE Total:	\$7,621,000				
Spud Date:	11/23/2012	API Code:	4247536255			AFE DHC:	\$4,095,500		
Days from Spud:	15	Rig Supervisor 1:	TOM HICKS	713-489-1919	Daily Costs:	\$109,816			
Field Name:	EORGES (BONE S	Rig Supervisor 2:	FRED RAY	713-489-1919	This AFE DHC to Date:	\$1,983,149			
Sec/Twn/Rng:	17 / /	Tool Pusher:	() -			This AFE CWC to Date:	\$1,983,149		
Start Depth(ft):	10700	Formation:				Total Project Costs:	\$2,411,312		
Ending Depth(ft):	11125	RKB to MSL:	2690	RKB to THF:	0	Total w/ Assoc AFEs:	\$2,411,312		
TVD:	0	RKB to LMF:	0	RKB to CHF:	0	Daily Mud Costs:	\$55,374		
Rig Company:	NABORS DRILLIN	24 Hr. Footage:	425	Develop To:	0	Cum Mud Costs:	\$100,183		
Rig Name:	NABORS RIG #F-	Location Survey:	UNIVERSITY LAND SURVEY			Abstract:	U96		

24-Hour Summary/Remarks:
 DRILLED 10700 - 11125 = 425'.
 WOB= 15
 MW = 9.3
 SURVEY @ 10847 29.1 DEGREES
 SURVEY @ 10878 33.5 DEGREES
 0 HRS RIG DOWNTIME
 DAILY COST- \$ 109,816
 CUMULATIVE COST- \$1,983,149
 CMOL: FRED RAY

Next Day Operations: DRILL CURVE											
Surveys											
Survey No.	Survey Date	Tie In	Meas. Depth	Inclination	Azimuth	Des Azi	TVD	Vert Sect	N/S(+/-)	E/W(+/-)	DLS
37	12/8/2012	<input type="checkbox"/>	10689	11.20	75.30	0.00	10275.49	175.62	175.62	7.53	12.86
38	12/8/2012	<input type="checkbox"/>	10784	21.00	71.30	0.00	10366.76	183.42	183.42	32.57	10.38
39	12/8/2012	<input type="checkbox"/>	10878	33.50	68.50	0.00	10450.33	198.33	198.33	72.66	13.36

Casing											
Type	Date Run	Casing Top	Set Depth	Size	Weight	Grade	Drift	Hole Size	TD	Shoe Test	
Surface	11/27/2012	30.00	4972.21	9.625	40.00	L-80	8.835	12.250	4884.00		
Stage	Reciprocate <input type="checkbox"/>	Bump Plug <input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>				Cement Top				
	Distance	Rotate	Pressure	Hold	Description	Fill%	Circ.Vol	ft.	Determined		
1	0	<input type="checkbox"/>	0	<input checked="" type="checkbox"/>	FULL		0	0	Circulated		
No.1	Lead, 0, 1100, 35/65 POZ, Class C, 2.09, 12.6										
No.2	Tail, 0, 300, NEAT, Class C, 1.35, 14.8										
Stage	Reciprocate <input type="checkbox"/>	Bump Plug <input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>				Cement Top				
	Distance	Rotate	Pressure	Hold	Description	Fill%	Circ.Vol	ft.	Determined		
2	0	<input type="checkbox"/>	0	<input checked="" type="checkbox"/>	FULL		0	0	Circulated		
No.1	Lead, 0, 1450, CLASS C, Class C, 1.8, 13.5										
No.2	Tail, 0, 200, CLASS C NEAT, Class C, 1.35, 14.8										

BOP Test and Inspection Dates			
Last BOP Test:	11/29/2012	Days Since BOP Tested:	9
Last BOP Drill Date:		BOP Test Due:	
Last Inspection:			

Mud Properties															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
10942	19:00	9.30	9.20	29	0	0	0/0/0	0.0	0.0	0	0.00	6.3%	92.7%	1.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Lost	
0.0	9.00	0.05	0.05	0.18	95000	2800	0	0.00	0.00	0	0	0.00	1/99	0	
Water Lost	LCM	ECD	FL Temp	Remarks											
0	0.0	9.5	0												

Hours Summary (Daily / Cumulative)											
Drilling	24.00 / 234	Rotating	24.00 / 234	Trips	0.00 / 58	Circulating	0.00 / 11	Down	0.00 / 1	Other	0.00 / 153

Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
6:00	24.00	02	DRILL 10700-11125	10700	11125	4	
Total:	24.00						

Drilling Data								
Hook Load:	290	Pick Up:	320	Slack Off:	280	Over Pull:	30	
ROP:	17.71	Pres on Bot:	0	Press Off Bot:	0	Kickoff Depth:	0	
WOB:	15	Rotary RPM:	15	Motor RPM:	138	Torque:	6000	
BHA Hours:	0.00	Crew Status:					Remarks:	

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
12/8/2012	19	11125	02 - Drilling	9.3	\$109,816	\$1,983,149	\$7,621,000



Energen Resources Corp.

605 Richard Arrington Blvd.
Birmingham, AL 35205
(800) 292-4005

Drilling Report

Report No: 19
Report Date: 12/8/2012

Well Name: UNIVERSITY 17-18 2H

Daily Bits																	
BHA	Bit	Date In	Size	Manufac.	Type	Serial No.	In	Out	Ftg	Tot Ftg	Hrs	Tot Hrs	ROP	WOB	RPM	MRPM	Torq
4	4	12/6/2012	8.75	HUGHE	EP7187	9736	10546	11215	669	669	50.50	50.50	13.2	15	15	115	6000
Date Out	12/9/2012	Jets	18 / 18 / 18 / 0 / 0 / 0 / 0 / 0	TFA	0.75	Char (I/O/D/O/L/B/G/R)	/ / / / / / / /										

Drilling Assembly						
Component	Qty	Length	OD Avg	ID Avg	Tot Length	Remarks
Bit - Insert - Tri-Cone	1	1.00	8.750	0.000	1.00	HUGHES EP7187
Motor - steerable	1	26.96	6.500	0.000	27.96	7/8 5 STG 2.38
Monel	1	9.31	6.500	2.875	37.27	PONY MONEL
Sub - Orienting	1	2.75	6.500	2.875	40.02	UBHO
Monel	1	31.06	6.625	2.875	71.08	SLICK MONEL
Monel	1	30.72	6.500	2.875	101.80	FLEX MONEL
Sub - XO	1	2.00	6.500	2.875	103.80	XO

Mud Pumps										
Pump No	Model	Liner Size	Stroke	Max PSI	Max SPM	SPM	GPM	Press.	Slow Pump Rates/Pres.	
1		6	12	4667	115	55	0	2000	0/0	0/0
2		6	12	4667	1156	55	0	2000	0/0	0/0

Drilling Breaks and Shows									
BGRD Gas:	35	Trip Gas:		Surv Gas:		Conn Gas:	95	Peak Gas:	129
Shale %:	65.0	Sand %:	5.0	Others %:	30.0	Shale Den:	0.0	D'Exp:	0.0
Depth:	0.0	Pore Press:	0.0	H2S:	0.0	Cir. Temp:	0.0		
Desc: 65 SHALE, 30 LIMESTONE, 5 SAND									

Personnel Data							
Company	Service	Qty.	Hours	Company	Service	Qty.	Hours
ERVIN WELLSITE CON	Fred Ray	1	24.00	New Tech Engineering	Tom Hicks	0	0.00
Totals		1.00	24.00				

Daily Cost Details					
IDC	Code	Vendor	Remarks	Daily Exp	Cum Exp
IDC - COMPANY SUPER	20.950.020	Ervin Wellsite Consultin	SUPERVISION	\$1,500	\$28,500
IDC - ROAD & SITE CON	20.950.030				\$195,000
IDC - DRILL - BIT & STA	20.950.101	Ulterra Bits	8.75 BIT	\$10,032	\$41,832
IDC - DRILL - CEMENT &	20.950.102				\$179,017
IDC - DRILL - CONTRAC	20.950.103	NABORS F05	RIG	\$22,500	\$427,500
IDC - DRILL - MUD & CH	20.950.104	OMEGA	CORROSION CHEMICAL	\$3,342	\$100,183
IDC - DRILL - MUD & CH	20.950.104	Venture Mud	DAILY MUD	\$52,032	\$100,183
IDC - DRILL - EQUIPMEN	20.950.105	CAN RIG	ROCKET	\$500	\$129,247
IDC - DRILL - EQUIPMEN	20.950.105	Man Welding Services	GAS SEP	\$250	\$129,247
IDC - DRILL - EQUIPMEN	20.950.105	Permian	GENERATOR	\$150	\$129,247
IDC - DRILL - EQUIPMEN	20.950.105	ASI	SAFETY	\$100	\$129,247
IDC - DRILL - EQUIPMEN	20.950.105	ENERGY BROADBAND	PHONE, INTERCOM	\$205	\$129,247
IDC - DRILL - EQUIPMEN	20.950.105	PHOENIX TECHNOLOG	DRILL CURVE	\$9,800	\$129,247
IDC - DRILL - EQUIPMEN	20.950.105	YOUNGS	CAMP TRAILERS	\$1,050	\$129,247
IDC - DRILL - EQUIPMEN	20.950.105	EBI	PHONES, INTERNET, INTERC	\$205	\$129,247
IDC - DRILL - EQUIPMEN	20.950.105	SWACO	CHOKES	\$150	\$129,247
IDC - DRILL - FUEL POW	20.950.106	WESTERN	DIESEL	\$0	\$116,243
IDC - DRILL - HAULING	20.950.107				\$135,191
IDC - DRILL - FLUIDS	20.950.108				\$102,800
IDC - F&C - EQUIPMENT	20.950.203				\$21,945
IDC - F&C - SPECIAL SE	20.950.206	ENERGEN	CONTINGENCY	\$8,000	\$114,005
Total IDC:				\$109,816	\$1,752,343
TDC	Code	Vendor	Remarks	Daily Exp	Cum Exp
TDC - DE - CONDUCTO	20.940.101				\$40,000
TDC - DE - SURFACE CA	20.940.106				\$184,651
TDC - SE - CASING/ WE	20.940.201				\$6,155
Total TDC:					\$230,806
Total Cumulative Well Costs:				\$109,816	\$1,983,149

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
12/8/2012	19	11125	02 - Drilling	9.3	\$109,816	\$1,983,149	\$7,621,000



Energen Resources Corp.

605 Richard Arrington Blvd.
Birmingham, AL 35205
(800) 292-4005

Drilling Report

Report No: 20
Report Date: 12/9/2012

Well Name: UNIVERSITY 17-18 2H

Surface Location: 400 FSWL, 567 FNWL / Bottom Hole Location: 200 FNEL, 567 FNWL - WARD, TX

Report No:	20	Rpt T. Activity:	06 - Trips	AFE #:	PB100912		
Operation Desc:	LD 5" DP	AFE Total:	\$7,621,000				
Spud Date:	11/23/2012	API Code:	4247536255				
Days from Spud:	16	Rig Supervisor 1:	TOM HICKS	713-489-1919	Daily Costs:	\$81,156	
Field Name:	EORGES (BONE S	Rig Supervisor 2:	FRED RAY	713-489-1919	This AFE DHC to Date:	\$2,064,305	
Sec/Twn/Rng:	17 / /	Tool Pusher:	() -				
Start Depth(ft):	11125	Formation:					
Ending Depth(ft):	11215	RKB to MSL:	2690	RKB to THF:	0	Total Project Costs:	\$2,735,131
TVD:	11052	RKB to LMF:	0	RKB to CHF:	0	Daily Mud Costs:	\$36,746
Rig Company:	NABORS DRILLIN	24 Hr. Footage:	90	Develop To:	0	Cum Mud Costs:	\$136,929
Rig Name:	NABORS RIG #F-	Location Survey:	UNIVERSITY LAND SURVEY			Abstract:	U96

24-Hour Summary/Remarks:
 DRILLED 11125 - 11215 = 90'.
 WOB= 15
 MW = 9.3
 CIRC SWEEPS. PUMP KILL MUD.
 START TOH. LD 5" DP.
 .
 SURVEY @ 11152 58.5 DEGREES 75.0 AZ
 PROJECTED 11215 66.7 DEGREES 74.0 AZ
 TVD 11080.86 NEED 4.5 DEGREES TO LAND
 0 HRS RIG DOWNTIME
 DAILY COST- \$ 109,816
 CUMULATIVE COST- \$1,983,149
 CMOL: FRED RAY
 ..

Next Day Operations: LD DP. RUN 7" CASING.

Surveys												
Survey No.	Survey Date	Tie In	Meas. Depth	Inclination	Azimuth	Des Azi	TVD	Vert Sect	N/S(+/-)	E/W(+/-)	DLS	
40	12/9/2012	<input type="checkbox"/>	10973	41.30	76.70	0.00	10525.80	215.15	215.15	127.57	9.73	
41	12/9/2012	<input type="checkbox"/>	11068	50.30	78.30	0.00	10592.03	229.77	229.77	193.86	9.55	
42	12/9/2012	<input type="checkbox"/>	11131	66.70	74.00	0.00	10624.94	242.66	242.66	245.40	26.66	

Casing												
Type	Date Run	Casing Top	Set Depth	Size	Weight	Grade	Drift	Hole Size	TD	Shoe Test		
Surface	11/27/2012	30.00	4972.21	9.625	40.00	L-80	8.835	12.250	4884.00			
Stage	Reciprocate	<input type="checkbox"/>	Bump Plug	<input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>			Cement Top				
	Distance	Rotate	Pressure	Hold	Description			Fill%	Circ.Vol	ft.	Determined	
1	0	<input type="checkbox"/>	0	<input checked="" type="checkbox"/>	FULL				0	0	Circulated	
	No.1	Lead, 0, 1100, 35/65 POZ, Class C, 2.09, 12.6										
	No.2	Tail, 0, 300, NEAT, Class C, 1.35, 14.8										
Stage	Reciprocate	<input type="checkbox"/>	Bump Plug	<input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>			Cement Top				
	Distance	Rotate	Pressure	Hold	Description			Fill%	Circ.Vol	ft.	Determined	
2	0	<input type="checkbox"/>	0	<input checked="" type="checkbox"/>	FULL				0	0	Circulated	
	No.1	Lead, 0, 1450, CLASS C, Class C, 1.8, 13.5										
	No.2	Tail, 0, 200, CLASS C NEAT, Class C, 1.35, 14.8										
Intermediate	12/9/2012	30.80	11201.27	7.000	29.00	P-110	6.184	8.750	11215.00			
Stage	Reciprocate	<input type="checkbox"/>	Bump Plug	<input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>			Cement Top				
	Distance	Rotate	Pressure	Hold	Description			Fill%	Circ.Vol	ft.	Determined	
1	0	<input type="checkbox"/>	1877	<input checked="" type="checkbox"/>	PARTIAL RETURNS			50%	0	5000	Calculated	
	No.1	Lead, 0, 800, TXI, Class H, 2.74, 11										
	No.2	Tail, 0, 400, TXI, Class H, 1.36, 13.2										
Stage	Reciprocate	<input type="checkbox"/>	Bump Plug	<input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>			Cement Top				
	Distance	Rotate	Pressure	Hold	Description			Fill%	Circ.Vol	ft.	Determined	
2	0	<input type="checkbox"/>	2024	<input checked="" type="checkbox"/>				100%	0	0	Circulated	
	No.1	Lead, 0, 250, TXI, Class H, 11, 2.78										
	No.2	Tail, 0, 201, TXI, Class H, 13.2, 1.36										

BOP Test and Inspection Dates			
Last BOP Test:	11/29/2012	Days Since BOP Tested:	10
Last BOP Drill Date:		BOP Test Due:	

Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
11125	19:00	9.30	9.20	29	0	0	0/0/0	0.0	0.0	0	0.00	6.3%	92.7%	1.0%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Lost		
0.0	9.00	0.05	0.05	0.18	95000	2800	0	0.00	0.00	0	0	0.00	1/99	0		
Water Lost	LCM	ECD	FL Temp	Remarks												
0	0.0	9.5	0													

Hours Summary (Daily / Cumulative)											
Drilling	10.50 / 245	Rotating	10.50 / 245	Trips	11.00 / 69	Circulating	2.50 / 13	Down	0.00 / 1	Other	0.00 / 153

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
12/9/2012	20	11215	06 - Trips	9.3	\$81,156	\$2,064,305	\$7,621,000



Well Name: UNIVERSITY 17-18 2H																	
Operations																	
Start	Hrs	Code	Remarks											Start Depth	End Depth	Run	
6:00	10.50	02	DRILL 11125-11215. 7" CASING POINT.											11125	11215	4	
16:30	2.50	05	PUMP SWEEPS AND CIRC. PUMP KILL MUD.											11215	11215	4	
19:00	11.00	06	TOH LD 5" DRILL PIPE..											11215	11215	4	
Total:		24.00															
Drilling Data																	
Hook Load:		290	Pick Up:		320	Slack Off:		280	Over Pull:		30						
ROP:		8.57	Pres on Bot:		0	Press Off Bot:		0	Kickoff Depth:		0						
WOB:		15	Rotary RPM:		15	Motor RPM:		138	Torque:		6000						
BHA Hours:		0.00	Crew Status:			Remarks:											
Daily Bits																	
BHA	Bit	Date In	Size	Manufac.	Type	Serial No.	In	Out	Ftg	Tot Ftg	Hrs	Tot Hrs	ROP	WOB	RPM	MRPM	Torq
4	4	12/6/2012	8.75	HUGHE	EP7187	9736	10546	11215	669	669	50.50	50.50	13.2	15	15	115	6000
Date Out:		12/9/2012	Jets:	18 / 18 / 18 / 0 / 0 / 0 / 0 / 0			TFA:	0.75	Char (I/O/D/O/L/B/G/R):		/ / / / / / / /						
Drilling Assembly																	
Component	Qty	Length	OD Avg	ID Avg	Tot Length	Remarks											
Bit - Insert - Tri-Cone	1	1.00	8.750	0.000	1.00	HUGHES EP7187											
Motor - steerable	1	26.96	6.500	0.000	27.96	7/8 5 STG 2.38											
Monel	1	9.31	6.500	2.875	37.27	PONY MONEL											
Sub - Orienting	1	2.75	6.500	2.875	40.02	UBHO											
Monel	1	31.06	6.625	2.875	71.08	SLICK MONEL											
Monel	1	30.72	6.500	2.875	101.80	FLEX MONEL											
Sub - XO	1	2.00	6.500	2.875	103.80	XO											
Mud Pumps																	
Pump No	Model	Liner Size	Stroke	Max PSI	Max SPM	SPM	GPM	Press.	Slow Pump Rates/Pres.								
1		6	12	4667	115	55	0	2000	0/0	0/0	0/0						
2		6	12	4667	1156	55	0	2000	0/0	0/0	0/0						
Drilling Breaks and Shows																	
BGRD Gas:	28	Trip Gas:		Surv Gas:		Conn Gas:		160	Peak Gas:		160						
Shale %:	55.0	Sand %:		0.0	Others %:		45.0	Shale Den:		0.0	D'Exp:		0.0				
Depth:	0.0	Pore Press:		0.0	H2S:		0.0	Cir. Temp:		0.0							
Desc:		55 SHALE, 45 LIMESTONE															
Personnel Data																	
Company	Service	Qty.	Hours	Company	Service	Qty.	Hours										
ERVIN WELLSITE CON	Fred Ray	1	24.00	New Tech Engineering	Tom Hicks	0	0.00										
Totals		1.00	24.00														
Daily Cost Details																	
IDC	Code	Vendor	Remarks	Daily Exp	Cum Exp												
IDC - COMPANY SUPER	20.950.020	Ervin Wellsite Consultin	SUPERVISION	\$1,500	\$30,000												
IDC - ROAD & SITE CON	20.950.030				\$195,000												
IDC - DRILL - BIT & STA	20.950.101				\$41,832												
IDC - DRILL - CEMENT &	20.950.102				\$179,017												
IDC - DRILL - CONTRAC	20.950.103	NABORS F05	RIG	\$22,500	\$450,000												
IDC - DRILL - MUD & CH	20.950.104	Venture Mud	DAILY MUD	\$33,404	\$136,929												
IDC - DRILL - MUD & CH	20.950.104	OMEGA	CORROSION CHEMICAL	\$3,342	\$136,929												
IDC - DRILL - EQUIPMEN	20.950.105	Man Welding Services	GAS SEP	\$250	\$141,657												
IDC - DRILL - EQUIPMEN	20.950.105	ENERGY BROADBAND	PHONE, INTERCOM	\$205	\$141,657												
IDC - DRILL - EQUIPMEN	20.950.105	YOUNGS	CAMP TRAILERS	\$1,050	\$141,657												
IDC - DRILL - EQUIPMEN	20.950.105	EBI	PHONES, INTERNET, INTERC	\$205	\$141,657												
IDC - DRILL - EQUIPMEN	20.950.105	PHOENIX TECHNOLOG	DRILL CURVE	\$9,800	\$141,657												
IDC - DRILL - EQUIPMEN	20.950.105	SWACO	CHOKES	\$150	\$141,657												
IDC - DRILL - EQUIPMEN	20.950.105	ASI	SAFETY	\$100	\$141,657												
IDC - DRILL - EQUIPMEN	20.950.105	Permian	GENERATOR	\$150	\$141,657												
IDC - DRILL - EQUIPMEN	20.950.105	CAN RIG	ROCKET	\$500	\$141,657												
IDC - DRILL - FUEL POW	20.950.106	WESTERN	DIESEL	\$0	\$116,243												
IDC - DRILL - HAULING	20.950.107				\$135,191												
IDC - DRILL - FLUIDS	20.950.108				\$102,800												
IDC - F&C - EQUIPMENT	20.950.203				\$21,945												
IDC - F&C - SPECIAL SE	20.950.206	ENERGEN	CONTINGENCY	\$8,000	\$122,005												
				Total IDC:	\$81,156	\$1,833,499											
TDC	Code	Vendor	Remarks	Daily Exp	Cum Exp												
TDC - DE - CONDUCTO	20.940.101				\$40,000												
TDC - DE - SURFACE CA	20.940.106				\$184,651												
TDC - SE - CASING/ WE	20.940.201				\$6,155												
				Total TDC:		\$230,806											
				Total Cumulative Well Costs:	\$81,156	\$2,064,305											

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
12/9/2012	20	11215	06 - Trips	9.3	\$81,156	\$2,064,305	\$7,621,000



Well Name: UNIVERSITY 17-18 2H							
Surface Location: 400 FSWL, 567 FNWL / Bottom Hole Location: 200 FNEL, 567 FNWL - WARD, TX							
Report No:	21	Rpt T. Activity:	12 - Run Casing & Cement		AFE #:	PB100912	
Operation Desc:	CEMENT 7" CASING			AFE Total:	\$7,621,000		
Spud Date:	11/23/2012	API Code:	4247536255		AFE DHC:	\$4,095,500	
Days from Spud:	17	Rig Supervisor 1:	TOM HICKS	713-489-1919	Daily Costs:	\$428,163	
Field Name:	EORGES (BONE S	Rig Supervisor 2:	FRED RAY	713-489-1919	This AFE DHC to Date:	\$2,411,312	
Sec/Twn/Rng:	17 / /	Tool Pusher:	() -		This AFE CWC to Date:	\$2,411,312	
Start Depth(ft):	11215	Formation:			Total Project Costs:	\$2,411,312	
Ending Depth(ft):	11215	RKB to MSL:	2690	RKB to THF:	0	Total w/ Assoc AFEs:	\$2,411,312
TVD:	0	RKB to LMF:	0	RKB to CHF:	0	Daily Mud Costs:	\$935
Rig Company:	NABORS DRILLIN	24 Hr. Footage:	0	Develop To:	0	Cum Mud Costs:	\$101,118
Rig Name:	NABORS RIG #F-	Location Survey:	UNIVERSITY LAND SURVEY		Abstract:	U96	

24-Hour Summary/Remarks:

TOH. LD 5" DP.
RUN 266 JTS 7" 29# P-110 CSG. DV TOOL @ 4733', ECP @ 4735'.
FC @ 11113', SHOE@ 11201', RIG DOWN TESCO CSG CREWS & CRT.
SAFETY MEETING. RU SCHLUMBERGER. TEST LINES.
PUMP 1ST STAGE CEMENT.

0 HRS RIG DOWNTIME
DAILY COST- \$ 428,163
CUMULATIVE COST- \$2,492,468
CMOL: FRED RAY

ELEVATION	30.80'
106 JTS 7" 29# P-110 LTC CSG.	4702.30'
DV TOOL	2.49'
ECP	25.93'
162 JTS 7" 29# P-110 LTC CSG.	6351.90'
FLOAT COLLAR	1.80'
2 JTS 7" 29# P-110 LTC CSG.	84.57'
FLOAT SHOE	1.50'
CASING SET @	11,201.27'

2 TURBOLIZERS PER JT ON FIRST 4 JTS, FOR A TOTAL OF 8 TURBOLIZERS.
1 RIGID CENTRALIZER EVERY 4TH JT FOR A TOTAL OF 10 RIGID CENTRALIZERS, AND 1 BOW SPRING CENTRALIZER EVERY 3RD JT FOR A TOTAL OF 37 BOW SPRING CENTRALIZERS..

- | | |
|------------------------|------------------------|
| 1. TURBOLIZER @ 11188' | 5. TURBOLIZER @ 11083' |
| 2. TURBOLIZER @ 11169' | 6. TURBOLIZER @ 11064' |
| 3. TURBOLIZER @ 11156' | 7. TURBOLIZER @ 11042' |
| 4. TURBOLIZER @ 11135' | 8. TURBOLIZER @ 11041' |

- | | |
|------------------------------|-----------------------------|
| 1. RIGID CENTRALIZER 10890'. | 6. RIGID CENTRALIZER 10075' |
| 2. RIGID CENTRALIZER 10721'. | 7. RIGID CENTRALIZER 9975' |
| 3. RIGID CENTRALIZER 10551'. | 8. RIGID CENTRALIZER 9707' |
| 4. RIGID CENTRALIZER 10413'. | 9. RIGID CENTRALIZER 9580' |
| 5. RIGID CENTRALIZER 10244'. | 10. RIGID CENTRALIZER 9260' |

1. BOW SPRING CENTRALIZER @ 9285'
2. BOW SPRING CENTRALIZER @ 9158'
3. BOW SPRING CENTRALIZER @ 9031'
4. BOW SPRING CENTRALIZER @ 8906'
5. BOW SPRING CENTRALIZER @ 8779'
6. BOW SPRING CENTRALIZER @ 8653'
7. BOW SPRING CENTRALIZER @ 8527'
8. BOW SPRING CENTRALIZER @ 8401'
9. BOW SPRING CENTRALIZER @ 8276'
10. BOW SPRING CENTRALIZER @ 8149'
11. BOW SPRING CENTRALIZER @ 8023'
12. BOW SPRING CENTRALIZER @ 7896'
13. BOW SPRING CENTRALIZER @ 7772'
14. BOW SPRING CENTRALIZER @ 7644'
15. BOW SPRING CENTRALIZER @ 7460'
16. BOW SPRING CENTRALIZER @ 7433'
17. BOW SPRING CENTRALIZER @ 7265'
18. BOW SPRING CENTRALIZER @ 7139'
19. BOW SPRING CENTRALIZER @ 7011'
20. BOW SPRING CENTRALIZER @ 6885'
21. BOW SPRING CENTRALIZER @ 6758'
22. BOW SPRING CENTRALIZER @ 6633'
23. BOW SPRING CENTRALIZER @ 6449'
24. BOW SPRING CENTRALIZER @ 6333'
25. BOW SPRING CENTRALIZER @ 6299'

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
12/10/2012	21	11215	12 - Run Casing & Cement	9.3	\$428,163	\$2,411,312	\$7,621,000



Well Name: UNIVERSITY 17-18 2H

- 26. BOW SPRING CENTRALIZER @ 6132'
- 27. BOW SPRING CENTRALIZER @ 6008'
- 28. BOW SPRING CENTRALIZER @ 5882'
- 29. BOW SPRING CENTRALIZER @ 5755'
- 30. BOW SPRING CENTRALIZER @ 5628'
- 31. BOW SPRING CENTRALIZER @ 5503'
- 32. BOW SPRING CENTRALIZER @ 5377'
- 33. BOW SPRING CENTRALIZER @ 5252'
- 34. BOW SPRING CENTRALIZER @ 5102'
- 35. BOW SPRING CENTRALIZER @ 4999'
- 36. BOW SPRING CENTRALIZER @ 4693'
- 37. BOW SPRING CENTRALIZER @ 4801'

Surveys											
Survey No.	Survey Date	Tie In	Meas. Depth	Inclination	Azimuth	Des Azi	TVD	Vert Sect	N/S(+/-)	E/W(+/-)	DLS
40	12/9/2012	<input type="checkbox"/>	10973	41.30	76.70	0.00	10525.80	215.15	215.15	127.57	9.73
41	12/9/2012	<input type="checkbox"/>	11068	50.30	78.30	0.00	10592.03	229.77	229.77	193.86	9.55
42	12/9/2012	<input type="checkbox"/>	11131	66.70	74.00	0.00	10624.94	242.66	242.66	245.40	26.66

Casing												
Type	Date Run	Casing Top	Set Depth	Size	Weight	Grade	Drift	Hole Size	TD	Shoe Test		
Surface	11/27/2012	30.00	4972.21	9.625	40.00	L-80	8.835	12.250	4884.00			
Stage		Reciprocate <input type="checkbox"/>	Bump Plug <input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>				Cement Top				
	Distance	Rotate <input type="checkbox"/>	Pressure	Hold	Description			Fill%	Circ. Vol	ft.	Determined	
1	0	<input type="checkbox"/>	0	<input checked="" type="checkbox"/>	FULL				0	0	Circulated	
No.1	Lead, 0, 1100, 35/65 POZ, Class C, 2.09, 12.6											
No.2	Tail, 0, 300, NEAT, Class C, 1.35, 14.8											
Stage		Reciprocate <input type="checkbox"/>	Bump Plug <input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>				Cement Top				
	Distance	Rotate <input type="checkbox"/>	Pressure	Hold	Description			Fill%	Circ. Vol	ft.	Determined	
2	0	<input type="checkbox"/>	0	<input checked="" type="checkbox"/>	FULL				0	0	Circulated	
No.1	Lead, 0, 1450, CLASS C, Class C, 1.8, 13.5											
No.2	Tail, 0, 200, CLASS C NEAT, Class C, 1.35, 14.8											
Intermediate	12/9/2012	-7.00	11201.27	7.000	29.00	P-110	6.184	8.750	11215.00			

BOP Test and Inspection Dates			
Last BOP Test:	11/29/2012	Days Since BOP Tested:	11
Last BOP Drill Date:		BOP Test Due:	
Last Inspection:			

Mud Properties															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
11215	19:00	9.30	9.20	29	0	0	0/0/0	0.0	0.0	0	0.00	6.3%	92.7%	1.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Lost	
0.0	9.00	0.05	0.05	0.18	95000	2800	0	0.00	0.00	0	0	0.00	1/99	0	
Water Lost	LCM	ECD	FL Temp	Remarks											
0	0.0	9.5	0												

Hours Summary (Daily / Cumulative)											
Drilling	0.00 / 245	Rotating	0.00 / 245	Trips	3.50 / 72	Circulating	0.00 / 13	Down	0.00 / 1	Other	20.50 / 174

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	3.50	06	TOH. LD 5" DP AND PHOENIX BHA	11215	11215	4
9:30	14.00	12	SAFETY MEETING. RU TESCO. RUN 7" 29# P110 LTC CASING	11215	11215	NIH
23:30	6.50	12	SAFETY MEETING. RU SCHLUMBERGER. TEST LINES. PUMP 1ST STAGE CEMENT.	11215	11215	NIH
Total:	24.00					

Drilling Data							
Hook Load:	290	Pick Up:	320	Slack Off:	280	Over Pull:	30
ROP:	0.00	Pres on Bot:	0	Press Off Bot:	0	Kickoff Depth:	0
WOB:	15	Rotary RPM:	15	Motor RPM:	138	Torque:	6000
BHA Hours:	0.00	Crew Status:		Remarks:			

Daily Bits																			
BHA	Bit	Date In	Size	Manufac.	Type	Serial No.	In	Out	Ftg	Tot Ftg	Hrs	Tot Hrs	ROP	WOB	RPM	MRPM	Torq		
4	4	12/6/2012	8.75	HUGHE	EP7187	9736	10546	11215	669	669	50.50	50.50	13.2	15	15	115	6000		
Date Out	12/9/2012	Jets	18 / 18 / 18 / 0 / 0 / 0 / 0 / 0													TFA	0.75	Char (I/O/D/O/L/B/G/R)	/ / / / / / /

Mud Pumps											
Pump No	Model	Liner Size	Stroke	Max PSI	Max SPM	SPM	GPM	Press.	Slow Pump Rates/Pres.		
1		6	12	4667	115	55	0	2000	0/0	0/0	0/0
2		6	12	4667	1156	55	0	2000	0/0	0/0	0/0

Personnel Data							
Company	Service	Qty.	Hours	Company	Service	Qty.	Hours
ERVIN WELLSITE CON	Fred Ray	1	24.00	New Tech Engineering	Tom Hicks	0	0.00
Totals		1.00	24.00				

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
12/10/2012	21	11215	12 - Run Casing & Cement	9.3	\$428,163	\$2,411,312	\$7,621,000



Well Name: UNIVERSITY 17-18 2H					
Daily Cost Details					
IDC	Code	Vendor	Remarks	Daily Exp	Cum Exp
IDC - COMPANY SUPER	20.950.020	Ervin Wellsite Consultin	SUPERVISION	\$1,500	\$30,000
IDC - ROAD & SITE CON	20.950.030				\$195,000
IDC - DRILL - BIT & STA	20.950.101				\$41,832
IDC - DRILL - CEMENT &	20.950.102				\$179,017
IDC - DRILL - CONTRAC	20.950.103	NABORS F05	RIG	\$22,500	\$450,000
IDC - DRILL - MUD & CH	20.950.104	Venture Mud	DAILY MUD	\$935	\$101,118
IDC - DRILL - MUD & CH	20.950.104	OMEGA	CORROSION CHEMICAL	\$0	\$101,118
IDC - DRILL - EQUIPMEN	20.950.105	CAN RIG	ROCKET	\$500	\$164,442
IDC - DRILL - EQUIPMEN	20.950.105	ENERGY BROADBAND	PHONE, INTERCOM	\$205	\$164,442
IDC - DRILL - EQUIPMEN	20.950.105	PHOENIX TECHNOLOG	DRILL CURVE	\$9,800	\$164,442
IDC - DRILL - EQUIPMEN	20.950.105	Permian	GENERATOR	\$150	\$164,442
IDC - DRILL - EQUIPMEN	20.950.105	ASI	SAFETY	\$100	\$164,442
IDC - DRILL - EQUIPMEN	20.950.105	TESCO	CASING CREW	\$22,785	\$164,442
IDC - DRILL - EQUIPMEN	20.950.105	EBI	PHONES, INTERNET, INTERC	\$205	\$164,442
IDC - DRILL - EQUIPMEN	20.950.105	YOUNGS	CAMP TRAILERS	\$1,050	\$164,442
IDC - DRILL - EQUIPMEN	20.950.105	Man Welding Services	GAS SEP	\$250	\$164,442
IDC - DRILL - EQUIPMEN	20.950.105	SWACO	CHOKES	\$150	\$164,442
IDC - DRILL - FUEL POW	20.950.106	WESTERN	DIESEL	\$22,798	\$139,041
IDC - DRILL - HAULING	20.950.107				\$135,191
IDC - DRILL - FLUIDS	20.950.108				\$102,800
IDC - F&C - EQUIPMENT	20.950.203				\$21,945
IDC - F&C - SPECIAL SE	20.950.206	ENERGEN	CONTINGENCY	\$8,000	\$122,005
Total IDC:				\$90,928	\$1,843,271
TDC	Code	Vendor	Remarks	Daily Exp	Cum Exp
TDC - DE - CONDUCTO	20.940.101				\$40,000
TDC - DE - PRODUCTIO	20.940.104	Sooner Pipe, L.L.P.	7" CASING	\$337,235	\$337,235
TDC - DE - SURFACE CA	20.940.106				\$184,651
TDC - SE - CASING/ WE	20.940.201				\$6,155
Total TDC:				\$337,235	\$568,041
Total Cumulative Well Costs:				\$428,163	\$2,411,312

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
12/10/2012	21	11215	12 - Run Casing & Cement	9.3	\$428,163	\$2,411,312	\$7,621,000



Well Name: UNIVERSITY 17-18 2H							
Surface Location: 400 FSWL, 567 FNWL / Bottom Hole Location: 200 FNEL, 567 FNWL - WARD, TX							
Report No:	22	Rpt T. Activity:	06 - Trips		AFE #:	PB100912	
Operation Desc:	PU 4" DP			AFE Total:	\$7,621,000		
Spud Date:	11/23/2012	API Code:	4247536255		AFE DHC:	\$4,095,500	
Days from Spud:	18	Rig Supervisor 1:	TOM HICKS	713-489-1919	Daily Costs:	\$77,993	
Field Name:	EORGES (BONE S	Rig Supervisor 2:	FRED RAY	713-489-1919	This AFE DHC to Date:	\$2,489,305	
Sec/Twn/Rng:	17 / /	Tool Pusher:	() -		This AFE CWC to Date:	\$2,489,305	
Start Depth(ft):	11215	Formation:			Total Project Costs:	\$2,489,305	
Ending Depth(ft):	11215	RKB to MSL:	2690	RKB to THF:	0	Total w/ Assoc AFEs:	\$2,489,305
TVD:	0	RKB to LMF:	0	RKB to CHF:	0	Daily Mud Costs:	\$935
Rig Company:	NABORS DRILLIN	24 Hr. Footage:	0	Develop To:	0	Cum Mud Costs:	\$102,053
Rig Name:	NABORS RIG #F-	Location Survey:	UNIVERSITY LAND SURVEY		Abstract:	U96	
24-Hour Summary/Remarks:							
FINISH CEMENTING 266 JTS 7" 29# P-110 CSG. DV TOOL @ 4733', ECP @ 4735'. FC @ 11113', SHOE@ 11201'. RD CEMENT EQUIPMENT. RELEASE CAMERON CASING LANDING JOINT. SET PACKOFF. TEST TO 2500 PSI. GOOD TEST. TIH. PICK UP 6 1/8 BIT AND 4" DP TO DRILL DV, FC, AND SHOE JOINT.							
0 HRS RIG DOWNTIME DAILY COST- \$ 77,993 CUMULATIVE COST- \$2,570,461 CMOL: FRED RAY							
ELEVATION 30.80' 106 JTS 7" 29# P-110 LTC CSG. 4702.30' DV TOOL 2.49' ECP 25.93' 162 JTS 7" 29# P-110 LTC CSG. 6351.90' FLOAT COLLAR 1.80' 2 JTS 7" 29# P-110 LTC CSG. 84.57' FLOAT SHOE 1.50' CASING SET @ 11,201.27'							
2 TURBOLIZERS PER JT ON FIRST 4 JTS, FOR A TOTAL OF 8 TURBOLIZERS. 1 RIGID CENTRALIZER EVERY 4TH JT FOR A TOTAL OF 10 RIGID CENTRALIZERS, AND 1 BOW SPRING CENTRALIZER EVERY 3RD JT FOR A TOTAL OF 37 BOW SPRING CENTRALIZERS..							
1. TURBOLIZER @ 11188' 5. TURBOLIZER @ 11083' 2. TURBOLIZER @ 11169' 6. TURBOLIZER @ 11064' 3. TURBOLIZER @ 11156' 7. TURBOLIZER @ 11042' 4. TURBOLIZER @ 11135' 8. TURBOLIZER @ 11041'							
1. RIGID CENTRALIZER 10890'. 6. RIGID CENTRALIZER 10075' 2. RIGID CENTRALIZER 10721'. 7. RIGID CENTRALIZER 9975' 3. RIGID CENTRALIZER 10551'. 8. RIGID CENTRALIZER 9707' 4. RIGID CENTRALIZER 10413'. 9. RIGID CENTRALIZER 9580' 5. RIGID CENTRALIZER 10244'. 10. RIGID CENTRALIZER 9260'							
1. BOW SPRING CENTRALIZER @ 9285' 2. BOW SPRING CENTRALIZER @ 9158 ' 3. BOW SPRING CENTRALIZER @ 9031 ' 4. BOW SPRING CENTRALIZER @ 8906 ' 5. BOW SPRING CENTRALIZER @ 8779 ' 6. BOW SPRING CENTRALIZER @ 8653 ' 7. BOW SPRING CENTRALIZER @ 8527 ' 8. BOW SPRING CENTRALIZER @ 8401 ' 9. BOW SPRING CENTRALIZER @ 8276 ' 10. BOW SPRING CENTRALIZER @ 8149 ' 11. BOW SPRING CENTRALIZER @ 8023 ' 12. BOW SPRING CENTRALIZER @ 7896 ' 13. BOW SPRING CENTRALIZER @ 7772 ' 14. BOW SPRING CENTRALIZER @ 7644 ' 15. BOW SPRING CENTRALIZER @ 7460 ' 16. BOW SPRING CENTRALIZER @ 7433 ' 17. BOW SPRING CENTRALIZER @ 7265 ' 18. BOW SPRING CENTRALIZER @ 7139 ' 19. BOW SPRING CENTRALIZER @ 7011 ' 20. BOW SPRING CENTRALIZER @ 6885 ' 21. BOW SPRING CENTRALIZER @ 6758 ' 22. BOW SPRING CENTRALIZER @ 6633'							

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
12/11/2012	22	11215	06 - Trips	9.3	\$77,993	\$2,489,305	\$7,621,000



Well Name: UNIVERSITY 17-18 2H

- 23. BOW SPRING CENTRALIZER @ 6449'
- 24. BOW SPRING CENTRALIZER @ 6333'
- 25. BOW SPRING CENTRALIZER @ 6299'
- 26. BOW SPRING CENTRALIZER @ 6132'
- 27. BOW SPRING CENTRALIZER @ 6008'
- 28. BOW SPRING CENTRALIZER @ 5882'
- 29. BOW SPRING CENTRALIZER @ 5755'
- 30. BOW SPRING CENTRALIZER @ 5628'
- 31. BOW SPRING CENTRALIZER @ 5503'
- 32. BOW SPRING CENTRALIZER @ 5377'
- 33. BOW SPRING CENTRALIZER @ 5252'
- 34. BOW SPRING CENTRALIZER @ 5102'
- 35. BOW SPRING CENTRALIZER @ 4999'
- 36. BOW SPRING CENTRALIZER @ 4693'
- 37. BOW SPRING CENTRALIZER @ 4801'

PUMP 2 STAGE CMT JOB.

FIRST STAGE CEMENT:

MIX & PUMP 1ST STAGE CMT JOB: LEAD: 20 BBLs FW AHEAD + 20 BBLs CW + 800 SKS (390 BBLs) TXI +

8.0 % D020

3.0% D154

0.7 %D013

0.4% D207

0.4% D065

0.2% D046

5.0 LB/SK D042

0.125 LB/SK D130

0.150% D208

MIXED @ 11.0 PPG W/ YIELD OF 2.44 FT³/SK, MIX WATER 14.16 GAL/SK.

FOLLOWED BY 1ST STAGE TAIL: 400 SKS (97 BBLs) TXI +

0.3 D201

3.0 LB/SK D042

0.2 D046

0.125 LB/SK D130

0.2 D065

0.4 D207

MIXED @ 13.2 PPG W/ YIELD OF 1.36 FT³/SK, MIX WATER 6.62 GAL/SK. DISP W/413 BBLs. BUMP PLUG, FLOATS HELD. 0 BBLs CMT RETURNS TO SURFACE. PARTIAL RETURNS DURING JOB. INFLATE PKR. 3600 PSI.

SECOND STAGE CEMENT:

DROP BOMB, WAIT 30 MINS, OPEN DV TOOL W/ 595 PSI. MIX & PUMP 2ND STAGE LEAD: 20 BBLs FW + 250 SKS (124 BBLs) TXI +

10.0 % D020

3.0% D154

0.4%D167

0.2% D046

5.0 LB/SK D042

0.125 LB/SK D130

MIXED @ 11.0 PPG W/ YIELD OF 2.44 FT³/SK, MIX WATER 14.16 GAL/SK. -

FOLLOWED BY 2ND STAGE TAIL: 200 SKS (49 BBLs) TXI +

0.1% D201

3.0 LB/SK D042

0.2% D046

0.125 LB/SK D130

0.1% D065

0.4% D207

MIXED @ 13.2 PPG W/ YIELD OF 1.36 FT³/SK, MIX WATER 6.62 GAL/SK. DROP PLUG, DISPLACE W/ 176 BBLs & CLOSE DV TOOL W/2400 PSI. CIRC 30 BBLs CMT TO SURFACE. HAD FULL RETURNS DURING ENTIRE JOB.

RD SCHLUMBERGER CEMENT EQUIPMENT.

Next Day Operations: DRILL SHOE JOINT. DISP WITH MUD.

Surveys

Survey No.	Survey Date	Tie In	Meas. Depth	Inclination	Azimuth	Des Azi	TVD	Vert Sect	N/S(+/-)	E/W(+/-)	DLS
40	12/9/2012	<input type="checkbox"/>	10973	41.30	76.70	0.00	10525.80	215.15	215.15	127.57	9.73
41	12/9/2012	<input type="checkbox"/>	11068	50.30	78.30	0.00	10592.03	229.77	229.77	193.86	9.55
42	12/9/2012	<input type="checkbox"/>	11131	66.70	74.00	0.00	10624.94	242.66	242.66	245.40	26.66

Casing

Type	Date Run	Casing Top	Set Depth	Size	Weight	Grade	Drift	Hole Size	TD	Shoe Test
Surface	11/27/2012	30.00	4972.21	9.625	40.00	L-80	8.835	12.250	4884.00	

Stage	Reciprocate <input type="checkbox"/> Bump Plug <input checked="" type="checkbox"/>				Fluid Returns <input checked="" type="checkbox"/>			Cement Top		
	Distance	Rotate	Pressure	Hold	Description	Fill%	Circ.Vol	ft.	Determined	
1	0	<input type="checkbox"/>	0	<input checked="" type="checkbox"/>	FULL		0	0	Circulated	
	No.1	Lead, 0, 1100, 35/65 POZ, Class C, 2.09, 12.6								
	No.2	Tail, 0, 300, NEAT, Class C, 1.35, 14.8								

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
12/11/2012	22	11215	06 - Trips	9.3	\$77,993	\$2,489,305	\$7,621,000



Well Name: UNIVERSITY 17-18 2H																	
Stage	Reciprocate	<input type="checkbox"/>	Bump Plug	<input checked="" type="checkbox"/>	Fluid Returns				<input checked="" type="checkbox"/>	Cement Top							
	Distance	Rotate	Pressure	Hold	Description				Fill%	Circ.Vol	ft.	Determined					
2	0	<input type="checkbox"/>	0	<input checked="" type="checkbox"/>	FULL					0	0	Circulated					
	No.1	Lead, 0, 1450, CLASS C, Class C, 1.8, 13.5															
	No.2	Tail, 0, 200, CLASS C NEAT, Class C, 1.35, 14.8															
Intermediate	12/9/2012	30.80	11201.27	7.000	29.00	P-110	6.184	8.750	11215.00								
Stage	Reciprocate	<input type="checkbox"/>	Bump Plug	<input checked="" type="checkbox"/>	Fluid Returns				<input checked="" type="checkbox"/>	Cement Top							
	Distance	Rotate	Pressure	Hold	Description				Fill%	Circ.Vol	ft.	Determined					
1	0	<input type="checkbox"/>	1877	<input checked="" type="checkbox"/>	PARTIAL RETURNS				50%	0	5000	Calculated					
	No.1	Lead, 0, 800, TXI, Class H, 2.74, 11															
	No.2	Tail, 0, 400, TXI, Class H, 1.36, 13.2															
Stage	Reciprocate	<input type="checkbox"/>	Bump Plug	<input checked="" type="checkbox"/>	Fluid Returns				<input checked="" type="checkbox"/>	Cement Top							
	Distance	Rotate	Pressure	Hold	Description				Fill%	Circ.Vol	ft.	Determined					
2	0	<input type="checkbox"/>	2024	<input checked="" type="checkbox"/>					100%	0	0	Circulated					
	No.1	Lead, 0, 250, TXI, Class H, 11, 2.78															
	No.2	Tail, 0, 201, TXI, Class H, 13.2, 1.36															
BOP Test and Inspection Dates																	
Last BOP Test:				11/29/2012				Days Since BOP Tested:				12		Last Inspection:			
Last BOP Drill Date:								BOP Test Due:									
Mud Properties																	
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand		
11215	19:00	9.30	9.20	29	0	0	0/0/0	0.0	0.0	0	0.00	6.3%	92.7%	1.0%	0.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Lost			
0.0	9.00	0.05	0.05	0.18	95000	2800	0	0.00	0.00	0	0	0.00	1/99	0			
Water Lost	LCM	ECD	FL Temp	Remarks													
0	0.0	9.5	0														
Hours Summary (Daily / Cumulative)																	
Drilling	0.00 / 245	Rotating	0.00 / 245	Trips	0.00 / 72	Circulating	0.00 / 13	Down	0.00 / 1	Other	6.00 / 180						
Operations																	
Start	Hrs	Code	Remarks								Start Depth	End Depth	Run				
6:00	1.50	12	FINISH CEMENTING 7" CASING. RD SCHLUMBERGER.								11215	11215	NIH				
7:30	4.50	12	RELEASE CAMERON LANDING JOINT. RUN PACKOFF.								11215	11215	NIH				
12:00	0.00	06	TIH. PU 6 1/8 BIT AND 4" DP. DRILL DV 4733. TIH PU 4" DP.								11215	11215	NIH				
Total:	6.00																
Drilling Data																	
Hook Load:	290		Pick Up:	320		Slack Off:	280		Over Pull:	30							
ROP:	0.00		Pres on Bot:	0		Press Off Bot:	0		Kickoff Depth:	0							
WOB:	15		Rotary RPM:	15		Motor RPM:	138		Torque:	6000							
BHA Hours:	0.00		Crew Status:														
Mud Pumps																	
Pump No	Model	Liner Size	Stroke	Max PSI	Max SPM	SPM	GPM	Press.	Slow Pump Rates/Pres.								
1		6	12	4667	115	55	0	2000	0/0	0/0	0/0						
2		6	12	4667	1156	55	0	2000	0/0	0/0	0/0						
Personnel Data																	
Company		Service		Qty.	Hours	Company		Service		Qty.	Hours						
ERVIN WELLSITE CON		Fred Ray		1	24.00	New Tech Engineering		Tom Hicks		0	0.00						
Totals				1.00	24.00												

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
12/11/2012	22	11215	06 - Trips	9.3	\$77,993	\$2,489,305	\$7,621,000



Well Name: UNIVERSITY 17-18 2H					
Daily Cost Details					
IDC	Code	Vendor	Remarks	Daily Exp	Cum Exp
IDC - COMPANY SUPER	20.950.020	Ervin Wellsite Consultin	SUPERVISION	\$1,500	\$31,500
IDC - ROAD & SITE CON	20.950.030				\$195,000
IDC - DRILL - BIT & STA	20.950.101				\$41,832
IDC - DRILL - CEMENT &	20.950.102				\$179,017
IDC - DRILL - CONTRAC	20.950.103	NABORS F05	RIG	\$22,500	\$472,500
IDC - DRILL - MUD & CH	20.950.104	Venture Mud	DAILY MUD	\$935	\$102,053
IDC - DRILL - MUD & CH	20.950.104	OMEGA	CORROSION CHEMICAL	\$0	\$102,053
IDC - DRILL - EQUIPMEN	20.950.105	CAN RIG	ROCKET	\$500	\$168,852
IDC - DRILL - EQUIPMEN	20.950.105	Man Welding Services	GAS SEP	\$250	\$168,852
IDC - DRILL - EQUIPMEN	20.950.105	Monahans Nipple-Up	TEST CASING PACKOFF	\$1,800	\$168,852
IDC - DRILL - EQUIPMEN	20.950.105	Permian	GENERATOR	\$150	\$168,852
IDC - DRILL - EQUIPMEN	20.950.105	SWACO	CHOKES	\$150	\$168,852
IDC - DRILL - EQUIPMEN	20.950.105	ASI	SAFETY	\$100	\$168,852
IDC - DRILL - EQUIPMEN	20.950.105	EBI	PHONES, INTERNET, INTERC	\$205	\$168,852
IDC - DRILL - EQUIPMEN	20.950.105	ENERGY BROADBAND	PHONE, INTERCOM	\$205	\$168,852
IDC - DRILL - EQUIPMEN	20.950.105	YOUNGS	CAMP TRAILERS	\$1,050	\$168,852
IDC - DRILL - FUEL POW	20.950.106	WESTERN	DIESEL	\$22,798	\$161,839
IDC - DRILL - HAULING	20.950.107				\$135,191
IDC - DRILL - FLUIDS	20.950.108				\$102,800
IDC - F&C - EQUIPMENT	20.950.203				\$21,945
IDC - F&C - SPECIAL SE	20.950.206	ENERGEN	CONTINGENCY	\$8,000	\$130,005
Total IDC:				\$60,143	\$1,903,414
TDC	Code	Vendor	Remarks	Daily Exp	Cum Exp
TDC - DE - CONDUCTO	20.940.101				\$40,000
TDC - DE - PRODUCTIO	20.940.104	Weatherford	CASING TOOLS SERVICE	\$10,125	\$347,360
TDC - DE - SURFACE CA	20.940.106				\$184,651
TDC - SE - CASING/ WE	20.940.201	CAMERON	WELLHEAD	\$7,725	\$13,880
Total TDC:				\$17,850	\$585,891
Total Cumulative Well Costs:				\$77,993	\$2,489,305

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
12/11/2012	22	11215	06 - Trips	9.3	\$77,993	\$2,489,305	\$7,621,000



Well Name: UNIVERSITY 17-18 2H

Surface Location: 400 FSWL, 567 FNWL / Bottom Hole Location: 200 FNEL, 567 FNWL - WARD, TX

Report No:	23	Rpt T. Activity:	06 - Trips	AFE #:	PB100912		
Operation Desc:	TIH	AFE Total:	\$7,621,000				
Spud Date:	11/23/2012	API Code:	4247536255				
Days from Spud:	19	Rig Supervisor 1:	TOM HICKS	713-489-1919	Daily Costs:	\$164,670	
Field Name:	EORGES (BONE S	Rig Supervisor 2:	FRED RAY	713-489-1919	This AFE DHC to Date:	\$2,735,131	
Sec/Twn/Rng:	17 / /	Tool Pusher:	() -		This AFE CWC to Date:	\$2,735,131	
Start Depth(ft):	11215	Formation:				Total Project Costs:	\$2,735,131
Ending Depth(ft):	11215	RKB to MSL:	2690	RKB to THF:	0	Total w/ Assoc AFEs:	\$2,735,131
TVD:	0	RKB to LMF:	0	RKB to CHF:	0	Daily Mud Costs:	\$935
Rig Company:	NABORS DRILLIN	24 Hr. Footage:	0	Develop To:	0	Cum Mud Costs:	\$139,734
Rig Name:	NABORS RIG #F-	Location Survey:	UNIVERSITY LAND SURVEY		Abstract:	U96	

24-Hour Summary/Remarks:
FINISH PU 4" DP. DRILL FC AND SHOE JOINTS.
DISPLACE HOLE WITH MUD. TOH.
PU SCHLUMBERGER ARCHER AND PERISCOPE BHA.
START TIH SLOW.

0 HRS RIG DOWNTIME
DAILY COST- \$ 127,170
CUMULATIVE COST- \$2,697,631
CMOL: FRED RAY

Next Day Operations: TIH TO DRILL BOTTOM CURVE.

Surveys												
Survey No.	Survey Date	Tie In	Meas. Depth	Inclination	Azimuth	Des Azi	TVD	Vert Sect	N/S(+/-)	E/W(+/-)	DLS	
40	12/9/2012	<input type="checkbox"/>	10973	41.30	76.70	0.00	10525.80	215.15	215.15	127.57	9.73	
41	12/9/2012	<input type="checkbox"/>	11068	50.30	78.30	0.00	10592.03	229.77	229.77	193.86	9.55	
42	12/9/2012	<input type="checkbox"/>	11131	66.70	74.00	0.00	10624.94	242.66	242.66	245.40	26.66	

Casing												
Type	Date Run	Casing Top	Set Depth	Size	Weight	Grade	Drift	Hole Size	TD	Shoe Test		
Surface	11/27/2012	30.00	4972.21	9.625	40.00	L-80	8.835	12.250	4884.00			
Stage	Reciprocate	<input type="checkbox"/>	Bump Plug	<input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>			Cement Top				
	Distance	Rotate	Pressure	Hold	Description			Fill%	Circ.Vol	ft.	Determined	
1	0	<input type="checkbox"/>	0	<input checked="" type="checkbox"/>	FULL				0	0	Circulated	
No.1		Lead, 0, 1100, 35/65 POZ, Class C, 2.09, 12.6										
No.2		Tail, 0, 300, NEAT, Class C, 1.35, 14.8										
Stage	Reciprocate	<input type="checkbox"/>	Bump Plug	<input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>			Cement Top				
	Distance	Rotate	Pressure	Hold	Description			Fill%	Circ.Vol	ft.	Determined	
2	0	<input type="checkbox"/>	0	<input checked="" type="checkbox"/>	FULL				0	0	Circulated	
No.1		Lead, 0, 1450, CLASS C, Class C, 1.8, 13.5										
No.2		Tail, 0, 200, CLASS C NEAT, Class C, 1.35, 14.8										
Intermediate	12/9/2012	30.80	11201.27	7.000	29.00	P-110	6.184	8.750	11215.00			
Stage	Reciprocate	<input type="checkbox"/>	Bump Plug	<input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>			Cement Top				
	Distance	Rotate	Pressure	Hold	Description			Fill%	Circ.Vol	ft.	Determined	
1	0	<input type="checkbox"/>	1877	<input checked="" type="checkbox"/>	PARTIAL RETURNS			50%	0	5000	Calculated	
No.1		Lead, 0, 800, TXI, Class H, 2.74, 11										
No.2		Tail, 0, 400, TXI, Class H, 1.36, 13.2										
Stage	Reciprocate	<input type="checkbox"/>	Bump Plug	<input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>			Cement Top				
	Distance	Rotate	Pressure	Hold	Description			Fill%	Circ.Vol	ft.	Determined	
2	0	<input type="checkbox"/>	2024	<input checked="" type="checkbox"/>				100%	0	0	Circulated	
No.1		Lead, 0, 250, TXI, Class H, 11, 2.78										
No.2		Tail, 0, 201, TXI, Class H, 13.2, 1.36										

BOP Test and Inspection Dates			
Last BOP Test:	11/29/2012	Days Since BOP Tested:	13
Last BOP Drill Date:		BOP Test Due:	

Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
11215	19:00	9.30	9.20	29	0	0	0/0/0	0.0	0.0	0	0.00	6.3%	92.7%	1.0%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Lost		
0.0	9.00	0.05	0.05	0.18	95000	2800	0	0.00	0.00	0	0	0.00	1/99	0		
Water Lost	LCM	ECD	FL Temp	Remarks												
0	0.0	9.5	0													

Hours Summary (Daily / Cumulative)											
Drilling	0.00 / 245	Rotating	0.00 / 245	Trips	19.00 / 91	Circulating	3.00 / 16	Down	0.00 / 1	Other	2.00 / 182

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
12/12/2012	23	11215	06 - Trips	9.3	\$164,670	\$2,735,131	\$7,621,000



Well Name: UNIVERSITY 17-18 2H

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	3.00	06	PU 4" DP. TIH.	11215	11215	NIH
9:00	2.00	32	DRILL FC AND SHOE TRACK.	11215	11215	NIH
11:00	3.00	05	DISPLACE HOLE WITH 13.3 MUD	11215	11215	NIH
14:00	6.00	06	TOH	11215	11215	NIH
20:00	10.00	06	PU SCHLUMBERGER LATERAL BHA.	11215	11215	NIH
Total:	24.00					

Drilling Data							
Hook Load:	290	Pick Up:	320	Slack Off:	280	Over Pull:	30
ROP:	0.00	Pres on Bot:	0	Press Off Bot:	0	Kickoff Depth:	0
WOB:	15	Rotary RPM:	15	Motor RPM:	138	Torque:	6000
BHA Hours:	0.00	Crew Status:		Remarks:			

Daily Bits																	
BHA	Bit	Date In	Size	Manufac.	Type	Serial No.	In	Out	Ftg	Tot Ftg	Hrs	Tot Hrs	ROP	WOB	RPM	MRPM	Torq
5	5	12/11/2012	6.125	SMITH	MDI611	JG4836	11215	0	0		0.00		0.0			0	0
Date Out		Jets	15 / 15 / 15 / 0 / 0 / 0 / 0 / 0	TFA	0.51	Char (I/O/D/O/L/B/G/R)	/ / / / / / / /										

Drilling Assembly						
Component	Qty	Length	OD Avg	ID Avg	Tot Length	Remarks
Bit - Core - PDC	1	0.65	6.125	0.000	0.65	SMITH
Motor - instrumented	1	16.21	4.688	0.000	16.86	ARCHER .6
MWD - pulser	1	7.06	4.688	0.000	23.92	SHORT HOP
MWD - pulser	1	23.50	4.813	0.000	47.42	PERISCOPE
Stab - IB	1	1.52	4.813	0.000	48.94	PERISCOPE STAB
MWD - pulser	1	29.60	4.750	0.000	78.54	SHORT PULSE
Monel	1	31.11	4.750	2.625	109.65	NMDC
Sub - Float	1	3.08	4.563	2.188	112.73	FLOAT
Sub - XO	1	3.04	4.563	2.250	115.77	CROSSOVER

Mud Pumps											
Pump No	Model	Liner Size	Stroke	Max PSI	Max SPM	SPM	GPM	Press.	Slow Pump Rates/Pres.		
1		6	12	4667	115	55	0	2000	0/0	0/0	0/0
2		6	12	4667	1156	55	0	2000	0/0	0/0	0/0

Personnel Data							
Company	Service	Qty.	Hours	Company	Service	Qty.	Hours
ERVIN WELLSITE CON	Fred Ray	1	24.00	New Tech Engineering	Tom Hicks	0	0.00
Totals		1.00	24.00				

Daily Cost Details					
IDC	Code	Vendor	Remarks	Daily Exp	Cum Exp
IDC - COMPANY SUPER	20.950.020	Ervin Wellsite Consultin	SUPERVISION	\$1,500	\$34,500
IDC - ROAD & SITE CON	20.950.030				\$195,000
IDC - DRILL - BIT & STA	20.950.101	Smith International	2 6 1/8 BITS	\$16,625	\$58,457
IDC - DRILL - CEMENT &	20.950.102				\$179,017
IDC - DRILL - CONTRAC	20.950.103	NABORS F05	RIG	\$22,500	\$517,500
IDC - DRILL - MUD & CH	20.950.104	Venture Mud	DAILY MUD	\$935	\$139,734
IDC - DRILL - MUD & CH	20.950.104	OMEGA	CORROSION CHEMICAL	\$0	\$139,734
IDC - DRILL - EQUIPMEN	20.950.105	SWACO	CHOKES	\$150	\$183,872
IDC - DRILL - EQUIPMEN	20.950.105	Permian	GENERATOR	\$150	\$183,872
IDC - DRILL - EQUIPMEN	20.950.105	ENERGY BROADBAND	PHONE, INTERCOM	\$205	\$183,872
IDC - DRILL - EQUIPMEN	20.950.105	CAN RIG	ROCKET	\$500	\$183,872
IDC - DRILL - EQUIPMEN	20.950.105	YOUNGS	CAMP TRAILERS	\$1,050	\$183,872
IDC - DRILL - EQUIPMEN	20.950.105	ASI	SAFETY	\$100	\$183,872
IDC - DRILL - EQUIPMEN	20.950.105	EBI	PHONES, INTERNET, INTERC	\$205	\$183,872
IDC - DRILL - EQUIPMEN	20.950.105	Man Welding Services	GAS SEP	\$250	\$183,872
IDC - DRILL - FUEL POW	20.950.106	WESTERN	DIESEL	\$0	\$161,839
IDC - DRILL - HAULING	20.950.107				\$135,191
IDC - DRILL - FLUIDS	20.950.108				\$102,800
IDC - F&C - EQUIPMENT	20.950.203				\$21,945
IDC - F&C - SPECIAL SE	20.950.206	ENERGEN	CONTINGENCY	\$8,000	\$146,005
Total IDC:				\$52,170	\$2,149,240
TDC	Code	Vendor	Remarks	Daily Exp	Cum Exp
TDC - DE - CONDUCTO	20.940.101				\$40,000
TDC - DE - PRODUCTIO	20.940.104				\$347,360
TDC - DE - SURFACE CA	20.940.106				\$184,651
TDC - SE - CASING/ WE	20.940.201				\$13,880
Total TDC:					\$585,891
Total Cumulative Well Costs:				\$52,170	\$2,735,131

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
12/12/2012	23	11215	06 - Trips	9.3	\$164,670	\$2,735,131	\$7,621,000



Well Name: UNIVERSITY 17-18 2H															
Surface Location: 400 FSWL, 567 FNWL / Bottom Hole Location: 200 FNEL, 567 FNWL - WARD, TX															
Report No:	24	Rpt T. Activity:	06 - Trips	AFE #:	PB100912										
Operation Desc:	TRIP FOR BHA 2			AFE Total:	\$7,621,000										
Spud Date:	11/23/2012	API Code:	4247536255	AFE DHC:	\$4,095,500										
Days from Spud:	20	Rig Supervisor 1:	TOM HICKS	713-489-1919	Daily Costs:	\$119,692									
Field Name:	EORGES (BONE S	Rig Supervisor 2:	FRED RAY	713-489-1919	This AFE DHC to Date:	\$2,873,308									
Sec/Twn/Rng:	17 / /	Tool Pusher:	() -	This AFE CWC to Date:	\$2,873,308										
Start Depth(ft):	11144	Formation:				Total Project Costs:	\$2,873,308								
Ending Depth(ft):	11215	RKB to MSL:	2690	RKB to THF:	0	Total w/ Assoc AFEs:	\$2,873,308								
TVD:	0	RKB to LMF:	0	RKB to CHF:	0	Daily Mud Costs:	\$14,812								
Rig Company:	NABORS DRILLIN	24 Hr. Footage:	71	Develop To:	0	Cum Mud Costs:	\$188,906								
Rig Name:	NABORS RIG #F-	Location Survey:	UNIVERSITY LAND SURVEY			Abstract:	U96								
24-Hour Summary/Remarks:															
DRILLED 11215 - 11286 = 71 ' . WOB= 10 MW = 9.0 SURVEY @ 111227 67.99 DEGREES SHORT HOP TOOL COMMUNICATION FAILURE. CIRC LOW VISC / HIGH VISC SWEEP TO UNSTICK TOOL. NO SUCCESS. CIRC SPOT SLUG. TOH FOR NEW TOOLS.															
0 HRS RIG DOWNTIME DAILY COST- \$ 153,582 CUMULATIVE COST- \$2,923,073															
CMOL: FRED RAY															
Next Day Operations: TIH															
Surveys															
Survey No.	Survey Date	Tie In	Meas. Depth	Inclination	Azimuth	Des Azi	TVD	Vert Sect	N/S(+/-)	E/W(+/-)	DLS				
41	12/9/2012	<input type="checkbox"/>	11068	50.30	78.30	0.00	10592.03	229.77	229.77	193.86	9.55				
42	12/9/2012	<input type="checkbox"/>	11131	66.70	74.00	0.00	10624.94	242.66	242.66	245.40	26.66				
43	12/13/2012	<input type="checkbox"/>	11227	67.99	74.40	0.00	10661.92	266.78	266.78	330.64	1.40				
Casing															
Type	Date Run	Casing Top	Set Depth	Size	Weight	Grade	Drift	Hole Size	TD	Shoe Test					
Surface	11/27/2012	30.00	4972.21	9.625	40.00	L-80	8.835	12.250	4884.00						
Stage	Reciprocate <input type="checkbox"/>	Bump Plug <input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>					Cement Top							
	Distance	Rotate	Pressure	Hold	Description	Fill%	Circ.Vol	ft.	Determined						
1	0	<input type="checkbox"/>	0	<input checked="" type="checkbox"/>	FULL		0	0	Circulated						
	No.1	Lead, 0, 1100, 35/65 POZ, Class C, 2.09, 12.6													
	No.2	Tail, 0, 300, NEAT, Class C, 1.35, 14.8													
Stage	Reciprocate <input type="checkbox"/>	Bump Plug <input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>					Cement Top							
	Distance	Rotate	Pressure	Hold	Description	Fill%	Circ.Vol	ft.	Determined						
2	0	<input type="checkbox"/>	0	<input checked="" type="checkbox"/>	FULL		0	0	Circulated						
	No.1	Lead, 0, 1450, CLASS C, Class C, 1.8, 13.5													
	No.2	Tail, 0, 200, CLASS C NEAT, Class C, 1.35, 14.8													
Intermediate	12/9/2012	30.80	11201.27	7.000	29.00	P-110	6.184	8.750	11215.00						
Stage	Reciprocate <input type="checkbox"/>	Bump Plug <input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>					Cement Top							
	Distance	Rotate	Pressure	Hold	Description	Fill%	Circ.Vol	ft.	Determined						
1	0	<input type="checkbox"/>	1877	<input checked="" type="checkbox"/>	PARTIAL RETURNS	50%	0	5000	Calculated						
	No.1	Lead, 0, 800, TXI, Class H, 2.74, 11													
	No.2	Tail, 0, 400, TXI, Class H, 1.36, 13.2													
Stage	Reciprocate <input type="checkbox"/>	Bump Plug <input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>					Cement Top							
	Distance	Rotate	Pressure	Hold	Description	Fill%	Circ.Vol	ft.	Determined						
2	0	<input type="checkbox"/>	2024	<input checked="" type="checkbox"/>		100%	0	0	Circulated						
	No.1	Lead, 0, 250, TXI, Class H, 11, 2.78													
	No.2	Tail, 0, 201, TXI, Class H, 13.2, 1.36													
BOP Test and Inspection Dates															
Last BOP Test:			11/29/2012	Days Since BOP Tested:			14	Last Inspection:							
Last BOP Drill Date:				BOP Test Due:											
Mud Properties															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
11287	21:00	13.10	13.10	45	312	12	4/6/0	7.0	0.0	0	0.00	24.0%	76.0%	1.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Lost	
0.0	9.00	0.21	0.07	0.49	166000	880	0	0.00	0.00	0	0	0.00	1/99	0	
Water Lost	LCM	ECD	FL Temp	Remarks											
0	0.0	14.1	94												
Hours Summary (Daily / Cumulative)															
Drilling	8.00 / 253	Rotating	8.00 / 253	Trips	14.00 / 105	Circulating	2.00 / 18	Down	0.00 / 1	Other	0.00 / 182				

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
12/13/2012	24	11215	06 - Trips	13.1	\$119,692	\$2,873,308	\$7,621,000



Well Name: UNIVERSITY 17-18 2H																	
Operations																	
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run		
6:00	6.00	06	TIH WITH ARCHER BHA SLOW. FILL EVERY 10 STANDS.										11215	11215	NIH		
12:00	6.00	02	DRILL 11215-11286. SHORT HOP TOOL LOST COMMUNICATION.										11215	11286	5		
18:00	2.00	20	PUMP LOW VISC/HIGH VISC SWEEP TO CLEAR TOOL. NO SUCCESS. . CIRC BOTTOMS UP.										11215	11215	5		
20:00	2.00	05	CIRC. BUILD AND PUMP SLUG.										11215	11215	5		
22:00	6.00	06	TOH. LD BHA. DIRECTIONAL WORK.										11215	11215	5		
4:00	2.00	06	PU BHA. TOOL ORIENTATION										11215	11215	5		
Total:	24.00																
Drilling Data																	
Hook Load:	172	Pick Up:	182	Slack Off:	162	Over Pull:	10										
ROP:	8.88	Pres on Bot:	0	Press Off Bot:	0	Kickoff Depth:	0										
WOB:	10	Rotary RPM:	75	Motor RPM:		Torque:	6000										
BHA Hours:	0.00	Crew Status:															
Daily Bits																	
BHA	Bit	Date In	Size	Manufac.	Type	Serial No.	In	Out	Ftg	Tot Ftg	Hrs	Tot Hrs	ROP	WOB	RPM	MRPM	Torq
5	5	12/11/2012	6.125	SMITH	MDI611	JG4836	11215	11215	71	71	8.00	8.00	8.9	10	70	0	7000
Date Out		Jets	15 / 15 / 15 / 0 / 0 / 0 / 0 / 0			TFA	0.51	Char (I/O/D/O/L/B/G/R) / / / / / / / /									
Drilling Assembly																	
Component	Qty	Length	OD Avg	ID Avg	Tot Length	Remarks											
Bit - Core - PDC	1	0.65	6.125	0.000	0.65	SMITH JG2521											
Motor - instrumented	1	16.21	4.688	0.000	16.86	ARCHER .6											
MWD - pulser	1	7.06	4.688	0.000	23.92	SHORT HOP											
MWD - pulser	1	23.50	4.813	0.000	47.42	PERISCOPE											
Stab - IB	1	1.52	4.813	0.000	48.94	PERISCOPE STAB											
MWD - pulser	1	29.60	4.750	0.000	78.54	SHORT PULSE											
Monel	1	31.11	4.750	2.625	109.65	NMDC											
Sub - Float	1	3.08	4.563	2.188	112.73	FLOAT											
Sub - XO	1	3.04	4.563	2.250	115.77	CROSSOVER											
Mud Pumps																	
Pump No	Model	Liner Size	Stroke	Max PSI	Max SPM	SPM	GPM	Press.	Slow Pump Rates/Pres.								
1		6	12	4667	115	62	0	3200	0/0	0/0	0/0						
2		6	12	4667	1156	0	0	0	0/0	0/0	0/0						
Drilling Breaks and Shows																	
BGRD Gas:	8	Trip Gas:		Surv Gas:		Conn Gas:		Peak Gas:	14								
Shale %:	50.0	Sand %:	40.0	Others %:	10.0	Shale Den:	0.0	D'Exp:	0.0								
Depth:	0.0	Pore Press:	0.0	H2S:	0.0	Cir. Temp:	0.0										
Desc:	50 SHALE, 40 SAND, 10 LIMESTONE																
Personnel Data																	
Company	Service	Qty.	Hours	Company	Service	Qty.	Hours										
ERVIN WELLSITE CON	Fred Ray	1	24.00	New Tech Engineering	Tom Hicks	0	0.00										
Totals		1.00	24.00														

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
12/13/2012	24	11215	06 - Trips	13.1	\$119,692	\$2,873,308	\$7,621,000



Well Name: UNIVERSITY 17-18 2H					
Daily Cost Details					
IDC	Code	Vendor	Remarks	Daily Exp	Cum Exp
IDC - COMPANY SUPER	20.950.020	Ervin Wellsite Consultin	SUPERVISION	\$1,500	\$36,000
IDC - ROAD & SITE CON	20.950.030				\$195,000
IDC - DRILL - BIT & STA	20.950.101				\$58,457
IDC - DRILL - CEMENT &	20.950.102				\$179,017
IDC - DRILL - CONTRAC	20.950.103	NABORS F05	RIG	\$25,000	\$542,500
IDC - DRILL - MUD & CH	20.950.104	OMEGA	CORROSION CHEMICAL	\$0	\$188,906
IDC - DRILL - MUD & CH	20.950.104	Venture Mud	DAILY MUD	\$14,812	\$188,906
IDC - DRILL - EQUIPMEN	20.950.105	SWACO	CHOKES	\$150	\$186,482
IDC - DRILL - EQUIPMEN	20.950.105	YOUNGS	CAMP TRAILERS	\$1,050	\$186,482
IDC - DRILL - EQUIPMEN	20.950.105	EBI	PHONES, INTERNET, INTERC	\$205	\$186,482
IDC - DRILL - EQUIPMEN	20.950.105	CAN RIG	ROCKET	\$500	\$186,482
IDC - DRILL - EQUIPMEN	20.950.105	Man Welding Services	GAS SEP	\$250	\$186,482
IDC - DRILL - EQUIPMEN	20.950.105	ASI	SAFETY	\$100	\$186,482
IDC - DRILL - EQUIPMEN	20.950.105	Permian	GENERATOR	\$150	\$186,482
IDC - DRILL - EQUIPMEN	20.950.105	ENERGY BROADBAND	PHONE, INTERCOM	\$205	\$186,482
IDC - DRILL - FUEL POW	20.950.106	WESTERN	DIESEL	\$0	\$161,839
IDC - DRILL - HAULING	20.950.107				\$135,191
IDC - DRILL - FLUIDS	20.950.108				\$102,800
IDC - F&C - EQUIPMENT	20.950.203				\$21,945
IDC - F&C - SPECIAL SE	20.950.206	ENERGEN	CONTINGENCY	\$8,000	\$154,005
Total IDC:				\$51,922	\$2,287,417
TDC	Code	Vendor	Remarks	Daily Exp	Cum Exp
TDC - DE - CONDUCTO	20.940.101				\$40,000
TDC - DE - PRODUCTIO	20.940.104				\$347,360
TDC - DE - SURFACE CA	20.940.106				\$184,651
TDC - SE - CASING/ WE	20.940.201				\$13,880
Total TDC:					\$585,891
Total Cumulative Well Costs:				\$51,922	\$2,873,308

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
12/13/2012	24	11215	06 - Trips	13.1	\$119,692	\$2,873,308	\$7,621,000



Well Name: UNIVERSITY 17-18 2H															
Surface Location: 400 FSWL, 567 FNWL / Bottom Hole Location: 200 FNEL, 567 FNWL - WARD, TX															
Report No:	25	Rpt T. Activity:	02 - Drilling		AFE #:	PB100912									
Operation Desc:	DRILL LATERAL				AFE Total:	\$7,621,000									
Spud Date:	11/23/2012	API Code:	4247536255		AFE DHC:	\$4,095,500									
Days from Spud:	21	Rig Supervisor 1:	TOM HICKS	713-489-1919	Daily Costs:	\$115,686									
Field Name:	EORGES (BONE S	Rig Supervisor 2:	FRED RAY	713-489-1919	This AFE DHC to Date:	\$2,988,994									
Sec/Twn/Rng:	17 / /	Tool Pusher:	() -		This AFE CWC to Date:	\$2,988,994									
Start Depth(ft):	11286	Formation:				Total Project Costs:	\$2,988,994								
Ending Depth(ft):	11710	RKB to MSL:	2690	RKB to THF:	0	Total w/ Assoc AFEs:	\$2,988,994								
TVD:	0	RKB to LMF:	0	RKB to CHF:	0	Daily Mud Costs:	\$14,648								
Rig Company:	NABORS DRILLIN	24 Hr. Footage:	424	Develop To:	0	Cum Mud Costs:	\$203,554								
Rig Name:	NABORS RIG #F-	Location Survey:	UNIVERSITY LAND SURVEY			Abstract:	U96								
24-Hour Summary/Remarks:															
FINISH TIH SLOW. LOG 11201-11286.															
DRILLED 11286 - 11710 = 424 '.															
ROP= 25															
WOB= 8															
MW = 13.1															
SURVEY @ 11574 81.75 DEGREES															
SURVEY @ 11637 83.67 DEGREES															
0 HRS RIG DOWNTIME															
DAILY COST- \$ 115,686															
CUMULATIVE COST- \$2,988,994															
CMOL: FRED RAY															
Next Day Operations: DRILL LATERAL															
Surveys															
Survey No.	Survey Date	Tie In	Meas. Depth	Inclination	Azimuth	Des Azi	TVD	Vert Sect	N/S(+/-)	E/W(+/-)	DLS				
49	12/14/2012	<input type="checkbox"/>	11480	7759.00	78.26	0.00	10782.18	307.32	307.32	505.28	132.14				
50	12/14/2012	<input type="checkbox"/>	11574	81.75	77.09	0.00	10854.59	314.60	314.60	535.63	124.73				
51	12/14/2012	<input type="checkbox"/>	11637	83.67	75.76	0.00	10862.58	329.26	329.26	596.36	3.70				
Casing															
Type	Date Run	Casing Top	Set Depth	Size	Weight	Grade	Drift	Hole Size	TD	Shoe Test					
Surface	11/27/2012	30.00	4972.21	9.625	40.00	L-80	8.835	12.250	4884.00						
Stage	Reciprocate <input type="checkbox"/>	Bump Plug <input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>				Cement Top								
	Distance	Rotate	Pressure	Hold	Description	Fill%	Circ.Vol	ft.	Determined						
1	0	<input type="checkbox"/>	0	<input checked="" type="checkbox"/>	FULL		0	0	Circulated						
	No.1	Lead, 0, 1100, 35/65 POZ, Class C, 2.09, 12.6													
	No.2	Tail, 0, 300, NEAT, Class C, 1.35, 14.8													
Stage	Reciprocate <input type="checkbox"/>	Bump Plug <input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>				Cement Top								
	Distance	Rotate	Pressure	Hold	Description	Fill%	Circ.Vol	ft.	Determined						
2	0	<input type="checkbox"/>	0	<input checked="" type="checkbox"/>	FULL		0	0	Circulated						
	No.1	Lead, 0, 1450, CLASS C, Class C, 1.8, 13.5													
	No.2	Tail, 0, 200, CLASS C NEAT, Class C, 1.35, 14.8													
Intermediate	12/9/2012	30.80	11201.27	7.000	29.00	P-110	6.184	8.750	11215.00						
Stage	Reciprocate <input type="checkbox"/>	Bump Plug <input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>				Cement Top								
	Distance	Rotate	Pressure	Hold	Description	Fill%	Circ.Vol	ft.	Determined						
1	0	<input type="checkbox"/>	1877	<input checked="" type="checkbox"/>	PARTIAL RETURNS	50%	0	5000	Calculated						
	No.1	Lead, 0, 800, TXI, Class H, 2.74, 11													
	No.2	Tail, 0, 400, TXI, Class H, 1.36, 13.2													
Stage	Reciprocate <input type="checkbox"/>	Bump Plug <input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>				Cement Top								
	Distance	Rotate	Pressure	Hold	Description	Fill%	Circ.Vol	ft.	Determined						
2	0	<input type="checkbox"/>	2024	<input checked="" type="checkbox"/>		100%	0	0	Circulated						
	No.1	Lead, 0, 250, TXI, Class H, 11, 2.78													
	No.2	Tail, 0, 201, TXI, Class H, 13.2, 1.36													
BOP Test and Inspection Dates															
Last BOP Test:	11/29/2012	Days Since BOP Tested:	15	Last Inspection:											
Last BOP Drill Date:		BOP Test Due:													
Mud Properties															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
11215	21:00	13.10	13.10	45	13	11	5/7/0	7.0	0.0	0	0.00	24.0%	76.0%	1.0%	1.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Lost	
0.0	9.00	0.16	0.03	0.31	155000	600	0	0.00	0.00	0	0	0.00	1/99	0	
Water Lost	LCM	ECD	FL Temp	Remarks											
0	0.0	14.1	94												
Hours Summary (Daily / Cumulative)															
Drilling	17.00 / 270	Rotating	17.00 / 270	Trips	7.00 / 112	Circulating	0.00 / 18	Down	0.00 / 1	Other	0.00 / 182				

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
12/14/2012	25	11710	02 - Drilling	13.1	\$115,686	\$2,988,994	\$7,621,000



Well Name: UNIVERSITY 17-18 2H																	
Operations																	
Start	Hrs	Code	Remarks											Start Depth	End Depth	Run	
6:00	7:00	06	TIH SLOW. FILL EVERY 10 STANDS. CIRC 5 MIN.											11286	11286	5	
13:00	1:50	20	CHECK TOOL. LOG 11201-11286											11286	11286	5	
14:30	15:50	02	DRILL 11286-11710											11286	11710	5	
Total:		24.00															
Drilling Data																	
Hook Load:		172	Pick Up:		182	Slack Off:		162	Over Pull:			10					
ROP:		24.94	Pres on Bot:		0	Press Off Bot:		0	Kickoff Depth:			0					
WOB:		8	Rotary RPM:		150	Motor RPM:			Torque:			6000					
BHA Hours:		0.00	Crew Status:			Remarks:											
Daily Bits																	
BHA	Bit	Date In	Size	Manufac.	Type	Serial No.	In	Out	Ftg	Tot Ftg	Hrs	Tot Hrs	ROP	WOB	RPM	MRPM	Torq
5	5	12/11/2012	6.125	SMITH	MDI611	JG4836	11215	11710	495	495	25.00	25.00	19.8	10	70	0	7000
Date Out			Jets		15 / 15 / 15 / 0 / 0 / 0 / 0 / 0	TFA		0.51	Char (I/O/D/O/L/B/G/R)		/ / / / / / / /						
Drilling Assembly																	
Component			Qty	Length	OD Avg	ID Avg	Tot Length		Remarks								
Bit - Core - PDC			1	0.65	6.125	0.000	0.65		SMITH JG2521								
Motor - instrumented			1	16.21	4.688	0.000	16.86		ARCHER .6								
MWD - pulser			1	7.06	4.688	0.000	23.92		SHORT HOP								
MWD - pulser			1	23.50	4.813	0.000	47.42		PERISCOPE								
Stab - IB			1	1.52	4.813	0.000	48.94		PERISCOPE STAB								
MWD - pulser			1	29.60	4.750	0.000	78.54		SHORT PULSE								
Monel			1	31.11	4.750	2.625	109.65		NMDC								
Sub - Float			1	3.08	4.563	2.188	112.73		FLOAT								
Sub - XO			1	3.04	4.563	2.250	115.77		CROSSOVER								
Mud Pumps																	
Pump No	Model	Liner Size	Stroke	Max PSI	Max SPM	SPM	GPM	Press.	Slow Pump Rates/Pres.								
1		6	12	4667	115	62	0	33	30/335	0/0	0/0						
2		6	12	4667	1156	0	0	0	30/335	0/0	0/0						
Drilling Breaks and Shows																	
BGRD Gas:		10	Trip Gas:			Surv Gas:			Conn Gas:			Peak Gas:		25			
Shale %:		20.0	Sand %:		80.0	Others %:		0.0	Shale Den:		0.0	D'Exp:		0.0			
Depth:		0.0	Pore Press:		0.0	H2S:		0.0	Cir. Temp:		0.0						
Desc:		80 SAND, 20 SHALE															
Personnel Data																	
Company		Service		Qty.	Hours	Company		Service		Qty.	Hours						
ERVIN WELLSITE CON		Fred Ray		1	24.00	New Tech Engineering		Tom Hicks		0	0.00						
Totals				1.00	24.00												

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
12/14/2012	25	11710	02 - Drilling	13.1	\$115,686	\$2,988,994	\$7,621,000



Well Name: UNIVERSITY 17-18 2H					
Daily Cost Details					
IDC	Code	Vendor	Remarks	Daily Exp	Cum Exp
IDC - COMPANY SUPER	20.950.020	Ervin Wellsite Consultin	SUPERVISION	\$1,500	\$37,500
IDC - ROAD & SITE CON	20.950.030				\$195,000
IDC - DRILL - BIT & STA	20.950.101				\$58,457
IDC - DRILL - CEMENT &	20.950.102				\$179,017
IDC - DRILL - CONTRAC	20.950.103	NABORS F05	RIG	\$25,000	\$567,500
IDC - DRILL - MUD & CH	20.950.104	Venture Mud	DAILY MUD	\$10,153	\$203,554
IDC - DRILL - MUD & CH	20.950.104	OMEGA	CORROSION CHEMICAL	\$4,495	\$203,554
IDC - DRILL - EQUIPMEN	20.950.105	CAN RIG	ROCKET	\$500	\$189,092
IDC - DRILL - EQUIPMEN	20.950.105	Man Welding Services	GAS SEP	\$250	\$189,092
IDC - DRILL - EQUIPMEN	20.950.105	Permian	GENERATOR	\$150	\$189,092
IDC - DRILL - EQUIPMEN	20.950.105	ASI	SAFETY	\$100	\$189,092
IDC - DRILL - EQUIPMEN	20.950.105	ENERGY BROADBAND	PHONE, INTERCOM	\$205	\$189,092
IDC - DRILL - EQUIPMEN	20.950.105	EBI	PHONES, INTERNET, INTERC	\$205	\$189,092
IDC - DRILL - EQUIPMEN	20.950.105	YOUNGS	CAMP TRAILERS	\$1,050	\$189,092
IDC - DRILL - EQUIPMEN	20.950.105	SWACO	CHOKES	\$150	\$189,092
IDC - DRILL - FUEL POW	20.950.106	WESTERN	DIESEL	\$0	\$161,839
IDC - DRILL - HAULING	20.950.107	PACCAR	3 HOT SHOT RUNS PACKERS	\$1,419	\$136,610
IDC - DRILL - FLUIDS	20.950.108				\$102,800
IDC - F&C - EQUIPMENT	20.950.203				\$21,945
IDC - F&C - SPECIAL SE	20.950.206	ENERGEN	CONTINGENCY	\$8,000	\$162,005
Total IDC:				\$53,177	\$2,403,103
TDC	Code	Vendor	Remarks	Daily Exp	Cum Exp
TDC - DE - CONDUCTO	20.940.101				\$40,000
TDC - DE - PRODUCTIO	20.940.104				\$347,360
TDC - DE - SURFACE CA	20.940.106				\$184,651
TDC - SE - CASING/ WE	20.940.201				\$13,880
Total TDC:					\$585,891
Total Cumulative Well Costs:				\$53,177	\$2,988,994

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
12/14/2012	25	11710	02 - Drilling	13.1	\$115,686	\$2,988,994	\$7,621,000



Well Name: UNIVERSITY 17-18 2H

Surface Location: 400 FSWL, 567 FNWL / Bottom Hole Location: 200 FNEL, 567 FNWL - WARD, TX

Report No:	26	Rpt T. Activity:	02 - Drilling	AFE #:	PB100912		
Operation Desc:	DRILL LATERAL			AFE Total:	\$7,621,000		
Spud Date:	11/23/2012	API Code:	4247536255	AFE DHC:	\$4,095,500		
Days from Spud:	22	Rig Supervisor 1:	TOM HICKS	713-489-1919	Daily Costs:	\$198,417	
Field Name:	EORGES (BONE S	Rig Supervisor 2:	FRED RAY	713-489-1919	This AFE DHC to Date:	\$3,187,411	
Sec/Twn/Rng:	17 / /	Tool Pusher:	() -		This AFE CWC to Date:	\$3,187,411	
Start Depth(ft):	11710	Formation:			Total Project Costs:	\$3,604,333	
Ending Depth(ft):	13170	RKB to MSL:	2690	RKB to THF:	0	Total w/ Assoc AFEs:	\$3,604,333
TVD:	11160	RKB to LMF:	0	RKB to CHF:	0	Daily Mud Costs:	\$11,776
Rig Company:	NABORS DRILLIN	24 Hr. Footage:	1460	Develop To:	0	Cum Mud Costs:	\$215,330
Rig Name:	NABORS RIG #F-	Location Survey:	UNIVERSITY LAND SURVEY		Abstract:	U96	

24-Hour Summary/Remarks:
DRILLED 11710 - 13170 = 1460 '
ROP= 63.5
WOB= 15
MW = 13.1
SURVEY @ 12989 92.06 DEGREES
TVD 11159.68

0 HRS RIG DOWNTIME
DAILY COST- \$ 198,417
CUMULATIVE COST- \$3,187,417
CMOL: FRED RAY

Next Day Operations: DRILL LATERAL

Surveys											
Survey No.	Survey Date	Tie In	Meas. Depth	Inclination	Azimuth	Des Azi	TVD	Vert Sect	N/S(+/-)	E/W(+/-)	DLS
56	12/15/2012	<input type="checkbox"/>	12518	92.65	73.08	0.00	10922.17	569.92	569.92	1433.21	7.50
57	12/15/2012	<input type="checkbox"/>	12801	91.65	72.97	0.00	10911.55	652.48	652.48	1703.68	0.36
58	12/15/2012	<input type="checkbox"/>	12989	92.06	71.03	0.00	10905.46	710.54	710.54	1882.36	1.05

Casing											
Type	Date Run	Casing Top	Set Depth	Size	Weight	Grade	Drift	Hole Size	TD	Shoe Test	
Surface	11/27/2012	30.00	4972.21	9.625	40.00	L-80	8.835	12.250	4884.00		
Stage	Reciprocate <input type="checkbox"/>	Bump Plug <input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>				Cement Top				
	Distance	Rotate	Pressure	Hold	Description	Fill%	Circ.Vol	ft.	Determined		
1	0	<input type="checkbox"/>	0	<input checked="" type="checkbox"/>	FULL		0	0	Circulated		
	No.1	Lead, 0, 1100, 35/65 POZ, Class C, 2.09, 12.6									
	No.2	Tail, 0, 300, NEAT, Class C, 1.35, 14.8									
Stage	Reciprocate <input type="checkbox"/>	Bump Plug <input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>				Cement Top				
	Distance	Rotate	Pressure	Hold	Description	Fill%	Circ.Vol	ft.	Determined		
2	0	<input type="checkbox"/>	0	<input checked="" type="checkbox"/>	FULL		0	0	Circulated		
	No.1	Lead, 0, 1450, CLASS C, Class C, 1.8, 13.5									
	No.2	Tail, 0, 200, CLASS C NEAT, Class C, 1.35, 14.8									
Intermediate	12/9/2012	30.80	11201.27	7.000	29.00	P-110	6.184	8.750	11215.00		
Stage	Reciprocate <input type="checkbox"/>	Bump Plug <input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>				Cement Top				
	Distance	Rotate	Pressure	Hold	Description	Fill%	Circ.Vol	ft.	Determined		
1	0	<input type="checkbox"/>	1877	<input checked="" type="checkbox"/>	PARTIAL RETURNS	50%	0	5000	Calculated		
	No.1	Lead, 0, 800, TXI, Class H, 2.74, 11									
	No.2	Tail, 0, 400, TXI, Class H, 1.36, 13.2									
Stage	Reciprocate <input type="checkbox"/>	Bump Plug <input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>				Cement Top				
	Distance	Rotate	Pressure	Hold	Description	Fill%	Circ.Vol	ft.	Determined		
2	0	<input type="checkbox"/>	2024	<input checked="" type="checkbox"/>		100%	0	0	Circulated		
	No.1	Lead, 0, 250, TXI, Class H, 11, 2.78									
	No.2	Tail, 0, 201, TXI, Class H, 13.2, 1.36									

BOP Test and Inspection Dates			
Last BOP Test:	11/29/2012	Days Since BOP Tested:	16
Last BOP Drill Date:		BOP Test Due:	
Last Inspection:			

Mud Properties															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
11940	10:00	13.10	13.10	44	13	14	5/7/0	8.0	0.0	0	0.00	25.0%	75.0%	1.0%	1.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Lost	
0.0	10.00	0.18	0.10	0.35	147000	440	0	0.00	0.00	0	0	0.00	1/99	0	
Water Lost	LCM	ECD	FL Temp	Remarks											
0	0.0	14.1	92												

Hours Summary (Daily / Cumulative)											
Drilling	23.00 / 293	Rotating	23.00 / 293	Trips	0.00 / 112	Circulating	0.00 / 18	Down	0.00 / 1	Other	1.00 / 183

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
12/15/2012	26	13170	02 - Drilling	13.1	\$198,417	\$3,187,411	\$7,621,000



Well Name: UNIVERSITY 17-18 2H

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	6.50	02	DRILL 11710-12104	11710	12104	5
12:30	0.50	07	SERVICE RIG. SAFETY STAND DOWN. HIGH WIND.	12104	12104	5
13:00	14.00	02	DRILL 12104-12953	12104	12953	5
3:00	0.50	07	SERVICE TOP DRIVE	12953	12953	5
3:30	2.50	02	DRILL 12953-13170	12953	13170	5
Total:	24.00					

Drilling Data

Hook Load:	180	Pick Up:	200	Slack Off:	165	Over Pull:	20
ROP:	63.48	Pres on Bot:	0	Press Off Bot:	0	Kickoff Depth:	0
WOB:	15	Rotary RPM:	150	Motor RPM:		Torque:	8000
BHA Hours:	0.00	Crew Status:		Remarks:			

Daily Bits

BHA	Bit	Date In	Size	Manufac.	Type	Serial No.	In	Out	Ftg	Tot Ftg	Hrs	Tot Hrs	ROP	WOB	RPM	MRPM	Torq
5	5	12/11/2012	6.125	SMITH	MDI611	JG4836	11215	15125	3601	3601	83.50	83.50	43.1	15	120	0	11500
Date Out		Jets	15 / 15 / 15 / 0 / 0 / 0 / 0 / 0	TFA	0.51	Char (I/O/D/O/L/B/G/R)	/ / / / / / / /										

Drilling Assembly

Component	Qty	Length	OD Avg	ID Avg	Tot Length	Remarks
Bit - Core - PDC	1	0.65	6.125	0.000	0.65	SMITH JG2521
Motor - instrumented	1	16.21	4.688	0.000	16.86	ARCHER .6
MWD - pulser	1	7.06	4.688	0.000	23.92	SHORT HOP
MWD - pulser	1	23.50	4.813	0.000	47.42	PERISCOPE
Stab - IB	1	1.52	4.813	0.000	48.94	PERISCOPE STAB
MWD - pulser	1	29.60	4.750	0.000	78.54	SHORT PULSE
Monel	1	31.11	4.750	2.625	109.65	NMDC
Sub - Float	1	3.08	4.563	2.188	112.73	FLOAT
Sub - XO	1	3.04	4.563	2.250	115.77	CROSSOVER

Mud Pumps

Pump No	Model	Liner Size	Stroke	Max PSI	Max SPM	SPM	GPM	Press.	Slow Pump Rates/Pres.
1		6	12	4667	115	62	0	3600	30/335 0/0 0/0
2		6	12	4667	1156	0	0	0	30/335 0/0 0/0

Drilling Breaks and Shows

BGRD Gas:	80	Trip Gas:		Surv Gas:		Conn Gas:	510	Peak Gas:	810
Shale %:	0.0	Sand %:	100.0	Others %:	0.0	Shale Den:	0.0	D'Exp:	0.0
Depth:	0.0	Pore Press:	0.0	H2S:	0.0	Cir. Temp:	0.0		
Desc:	100 SAND								

Personnel Data

Company	Service	Qty.	Hours	Company	Service	Qty.	Hours
ERVIN WELLSITE CON	Fred Ray	1	24.00	New Tech Engineering	Tom Hicks	0	0.00
Totals		1.00	24.00				

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
12/15/2012	26	13170	02 - Drilling	13.1	\$198,417	\$3,187,411	\$7,621,000



Well Name: UNIVERSITY 17-18 2H					
Daily Cost Details					
IDC	Code	Vendor	Remarks	Daily Exp	Cum Exp
IDC - COMPANY SUPER	20.950.020	Ervin Wellsite Consultin	SUPERVISION	\$1,500	\$39,000
IDC - ROAD & SITE CON	20.950.030				\$195,000
IDC - DRILL - BIT & STA	20.950.101				\$58,457
IDC - DRILL - CEMENT &	20.950.102				\$179,017
IDC - DRILL - CONTRAC	20.950.103	NABORS F05	RIG	\$25,000	\$592,500
IDC - DRILL - MUD & CH	20.950.104	OMEGA	CORROSION CHEMICAL	\$0	\$215,330
IDC - DRILL - MUD & CH	20.950.104	Venture Mud	DAILY MUD	\$11,776	\$215,330
IDC - DRILL - EQUIPMEN	20.950.105	YOUNGS	CAMP TRAILERS	\$1,050	\$191,802
IDC - DRILL - EQUIPMEN	20.950.105	ASI	SAFETY	\$100	\$191,802
IDC - DRILL - EQUIPMEN	20.950.105	SWACO	CHOKES	\$150	\$191,802
IDC - DRILL - EQUIPMEN	20.950.105	Man Welding Services	GAS SEP	\$250	\$191,802
IDC - DRILL - EQUIPMEN	20.950.105	Permian 2	GENERATOR	\$250	\$191,802
IDC - DRILL - EQUIPMEN	20.950.105	ENERGY BROADBAND	PHONE, INTERCOM	\$205	\$191,802
IDC - DRILL - EQUIPMEN	20.950.105	EBI	PHONES, INTERNET, INTERC	\$205	\$191,802
IDC - DRILL - EQUIPMEN	20.950.105	CAN RIG	ROCKET	\$500	\$191,802
IDC - DRILL - FUEL POW	20.950.106	WESTERN	DIESEL	\$0	\$161,839
IDC - DRILL - HAULING	20.950.107				\$136,610
IDC - DRILL - FLUIDS	20.950.108	MR PANDO	2 INVOICES HAUL WATER	\$21,371	\$124,171
IDC - F&C - EQUIPMENT	20.950.203				\$21,945
IDC - F&C - SPECIAL SE	20.950.206	ENERGEN	CONTINGENCY	\$8,000	\$170,005
Total IDC:				\$70,357	\$2,601,520
TDC	Code	Vendor	Remarks	Daily Exp	Cum Exp
TDC - DE - CONDUCTO	20.940.101				\$40,000
TDC - DE - PRODUCTIO	20.940.104				\$347,360
TDC - DE - SURFACE CA	20.940.106				\$184,651
TDC - SE - CASING/ WE	20.940.201				\$13,880
Total TDC:					\$585,891
Total Cumulative Well Costs:				\$70,357	\$3,187,411

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
12/15/2012	26	13170	02 - Drilling	13.1	\$198,417	\$3,187,411	\$7,621,000



Energen Resources Corp.

605 Richard Arrington Blvd.
Birmingham, AL 35205
(800) 292-4005

Drilling Report

Report No: 27
Report Date: 12/16/2012

Well Name: UNIVERSITY 17-18 2H															
Surface Location: 400 FSWL, 567 FNWL / Bottom Hole Location: 200 FNEL, 567 FNWL - WARD, TX															
Report No:	27	Rpt T. Activity:	02 - Drilling		AFE #:	PB100912									
Operation Desc:	DRILL LATERAL			AFE Total:	\$7,621,000										
Spud Date:	11/23/2012	API Code:	4247536255		AFE DHC:	\$4,095,500									
Days from Spud:	23	Rig Supervisor 1:	TOM HICKS	713-489-1919	Daily Costs:	\$223,625									
Field Name:	EOORGES (BONE S	Rig Supervisor 2:	FRED RAY	713-489-1919	This AFE DHC to Date:	\$3,411,036									
Sec/Twn/Rng:	17 / /	Tool Pusher:	() -		This AFE CWC to Date:	\$3,411,036									
Start Depth(ft):	13170	Formation:			Total Project Costs:	\$3,604,333									
Ending Depth(ft):	14460	RKB to MSL:	2690	RKB to THF:	0	Total w/ Assoc AFEs:	\$3,604,333								
TVD:	11119	RKB to LMF:	0	RKB to CHF:	0	Daily Mud Costs:	\$37,817								
Rig Company:	NABORS DRILLIN	24 Hr. Footage:	1290	Develop To:	0	Cum Mud Costs:	\$253,147								
Rig Name:	NABORS RIG #F-	Location Survey:	UNIVERSITY LAND SURVEY		Abstract:	U96									
24-Hour Summary/Remarks:															
DRILLED 13170 - 14460 = 1290'.															
ROP= 63.5															
WOB= 15															
MW = 13.1															
SURVEY @ 14311 90.62 DEGREES															
TVD 11119															
0 HRS RIG DOWNTIME															
DAILY COST- \$ 223,625															
CUMULATIVE COST- \$3,411,036															
CMOL: FRED RAY															
Next Day Operations:															
DRILL LATERAL															
Surveys															
Survey No.	Survey Date	Tie In	Meas. Depth	Inclination	Azimuth	Des Azi	TVD	Vert Sect	N/S(+/-)	E/W(+/-)	DLS				
62	12/16/2012	<input type="checkbox"/>	14122	89.69	75.74	0.00	10869.41	1020.43	1020.43	2970.90	1.38				
63	12/16/2012	<input type="checkbox"/>	14217	91.13	72.94	0.00	10868.73	1046.06	1046.06	3062.34	3.31				
64	12/16/2012	<input type="checkbox"/>	14311	90.62	71.84	0.00	10867.29	1074.50	1074.50	3151.92	1.29				
Casing															
Type	Date Run	Casing Top	Set Depth	Size	Weight	Grade	Drift	Hole Size	TD	Shoe Test					
Surface	11/27/2012	30.00	4972.21	9.625	40.00	L-80	8.835	12.250	4884.00						
Stage	Reciprocate	<input type="checkbox"/>	Bump Plug	<input checked="" type="checkbox"/>	Fluid Returns			<input checked="" type="checkbox"/>	Cement Top						
	Distance	Rotate	Pressure	Hold	Description			Fill%	Circ.Vol	ft.	Determined				
1	0	<input type="checkbox"/>	0	<input checked="" type="checkbox"/>	FULL				0	0	Circulated				
No.1		Lead, 0, 1100, 35/65 POZ, Class C, 2.09, 12.6													
No.2		Tail, 0, 300, NEAT, Class C, 1.35, 14.8													
Stage	Reciprocate	<input type="checkbox"/>	Bump Plug	<input checked="" type="checkbox"/>	Fluid Returns			<input checked="" type="checkbox"/>	Cement Top						
	Distance	Rotate	Pressure	Hold	Description			Fill%	Circ.Vol	ft.	Determined				
2	0	<input type="checkbox"/>	0	<input checked="" type="checkbox"/>	FULL				0	0	Circulated				
No.1		Lead, 0, 1450, CLASS C, Class C, 1.8, 13.5													
No.2		Tail, 0, 200, CLASS C NEAT, Class C, 1.35, 14.8													
Intermediate	12/9/2012	30.80	11201.27	7.000	29.00	P-110	6.184	8.750	11215.00						
Stage	Reciprocate	<input type="checkbox"/>	Bump Plug	<input checked="" type="checkbox"/>	Fluid Returns			<input checked="" type="checkbox"/>	Cement Top						
	Distance	Rotate	Pressure	Hold	Description			Fill%	Circ.Vol	ft.	Determined				
1	0	<input type="checkbox"/>	1877	<input checked="" type="checkbox"/>	PARTIAL RETURNS			50%	0	5000	Calculated				
No.1		Lead, 0, 800, TXI, Class H, 2.74, 11													
No.2		Tail, 0, 400, TXI, Class H, 1.36, 13.2													
Stage	Reciprocate	<input type="checkbox"/>	Bump Plug	<input checked="" type="checkbox"/>	Fluid Returns			<input checked="" type="checkbox"/>	Cement Top						
	Distance	Rotate	Pressure	Hold	Description			Fill%	Circ.Vol	ft.	Determined				
2	0	<input type="checkbox"/>	2024	<input checked="" type="checkbox"/>				100%	0	0	Circulated				
No.1		Lead, 0, 250, TXI, Class H, 11, 2.78													
No.2		Tail, 0, 201, TXI, Class H, 13.2, 1.36													
Pipe on Rack	12/16/2012	0.00	0.00	0.000	0.00			0.000	0.00						
BOP Test and Inspection Dates															
Last BOP Test:	11/29/2012	Days Since BOP Tested:	17	Last Inspection:											
Last BOP Drill Date:		BOP Test Due:													
Mud Properties															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
13736	16:00	13.30	13.15	47	150	17	20/6/9	10.0	0.0	0	0.00	26.0%	74.0%		1.5%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Lost	
0.0	9.00	0.21	0.05	0.51	154000	420	0	0.00	0.00	0	0	0.00		0	
Water Lost	LCM	ECD	FL Temp	Remarks											
0	0.0	14.4	95	,35											
Hours Summary (Daily / Cumulative)															
Drilling	23.00 / 316	Rotating	23.00 / 316	Trips	0.00 / 112	Circulating	0.00 / 18	Down	0.00 / 1	Other	1.00 / 184				

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
12/16/2012	27	14460	02 - Drilling	13.3	\$223,625	\$3,411,036	\$7,621,000



Well Name: UNIVERSITY 17-18 2H																	
Operations																	
Start	Hrs	Code	Remarks						Start Depth	End Depth	Run						
6:00	1.00	07	RIG SERVICE AND TOP DRIVE						13170	13479	5						
7:00	23.00	02	DRILL 13170-14460						13479	14460	5						
Total:		24.00															
Drilling Data																	
Hook Load:		180	Pick Up:		200	Slack Off:		165	Over Pull:		20						
ROP:		56.09	Pres on Bot:		0	Press Off Bot:		0	Kickoff Depth:		0						
WOB:		15	Rotary RPM:		150	Motor RPM:			Torque:		11500						
BHA Hours:		0.00	Crew Status:			Remarks:											
Daily Bits																	
BHA	Bit	Date In	Size	Manufac.	Type	Serial No.	In	Out	Ftg	Tot Ftg	Hrs	Tot Hrs	ROP	WOB	RPM	MRPM	Torq
5	5	12/11/2012	6.125	SMITH	MDI611	JG4836	11215	15125	3601	3601	83.50	83.50	43.1	15	120	0	11500
Date Out			Jets	15 / 15 / 15 / 0 / 0 / 0 / 0 / 0			TFA	0.51	Char (I/O/D/O/L/B/G/R)			/ / / / / / / /					
Drilling Assembly																	
Component		Qty	Length	OD Avg	ID Avg	Tot Length		Remarks									
Bit - Core - PDC		1	0.65	6.125	0.000	0.65		SMITH JG2521									
Motor - instrumented		1	16.21	4.688	0.000	16.86		ARCHER 6									
MWD - pulser		1	7.06	4.688	0.000	23.92		SHORT HOP									
MWD - pulser		1	23.50	4.813	0.000	47.42		PERISCOPE									
Stab - IB		1	1.52	4.813	0.000	48.94		PERISCOPE STAB									
MWD - pulser		1	29.60	4.750	0.000	78.54		SHORT PULSE									
Monel		1	31.11	4.750	2.625	109.65		NMDC									
Sub - Float		1	3.08	4.563	2.188	112.73		FLOAT									
Sub - XO		1	3.04	4.563	2.250	115.77		CROSSOVER									
Mud Pumps																	
Pump No	Model	Liner Size	Stroke	Max PSI	Max SPM	SPM	GPM	Press.	Slow Pump Rates/Pres.								
1		6	12	4667	115	60	0	3640	30/335	0/0	0/0						
2		6	12	4667	1156	0	0	0	30/335	0/0	0/0						
Drilling Breaks and Shows																	
BGRD Gas:	350	Trip Gas:		Surv Gas:		Conn Gas:		1480	Peak Gas:		1480						
Shale %:	0.0	Sand %:		100.0	Others %:		0.0	Shale Den:		0.0	D'Exp:	0.0					
Depth:	0.0	Pore Press:		0.0	H2S:		0.0	Cir. Temp:		0.0							
Desc:		100 SAND															
Personnel Data																	
Company	Service	Qty.	Hours	Company	Service	Qty.	Hours										
ERVIN WELLSITE CON	Fred Ray	1	24.00	New Tech Engineering	Tom Hicks	0	0.00										
Totals		1.00	24.00														
Daily Cost Details																	
IDC	Code	Vendor	Remarks	Daily Exp	Cum Exp												
IDC - COMPANY SUPER	20.950.020	Ervin Wellsite Consultin	SUPERVISION	\$1,500	\$40,500												
IDC - ROAD & SITE CON	20.950.030				\$195,000												
IDC - DRILL - BIT & STA	20.950.101				\$58,457												
IDC - DRILL - CEMENT &	20.950.102				\$179,017												
IDC - DRILL - CONTRAC	20.950.103	NABORS F05	RIG	\$25,000	\$617,500												
IDC - DRILL - MUD & CH	20.950.104	Venture Mud	DAILY MUD	\$37,817	\$253,147												
IDC - DRILL - MUD & CH	20.950.104	OMEGA	CORROSION CHEMICAL	\$0	\$253,147												
IDC - DRILL - EQUIPMEN	20.950.105	YOUNGS	CAMP TRAILERS	\$1,050	\$194,512												
IDC - DRILL - EQUIPMEN	20.950.105	Permian 2	GENERATOR	\$250	\$194,512												
IDC - DRILL - EQUIPMEN	20.950.105	Man Welding Services	GAS SEP	\$250	\$194,512												
IDC - DRILL - EQUIPMEN	20.950.105	ASI	SAFETY	\$100	\$194,512												
IDC - DRILL - EQUIPMEN	20.950.105	CAN RIG	ROCKET	\$500	\$194,512												
IDC - DRILL - EQUIPMEN	20.950.105	ENERGY BROADBAND	PHONE, INTERCOM	\$205	\$194,512												
IDC - DRILL - EQUIPMEN	20.950.105	EBI	PHONES, INTERNET, INTERC	\$205	\$194,512												
IDC - DRILL - EQUIPMEN	20.950.105	SWACO	CHOKES	\$150	\$194,512												
IDC - DRILL - FUEL POW	20.950.106	WESTERN	DIESEL	\$22,764	\$184,603												
IDC - DRILL - HAULING	20.950.107	PACCAR	CROSSOVER JT, ULTRA	\$528	\$137,138												
IDC - DRILL - FLUIDS	20.950.108				\$124,171												
IDC - F&C - EQUIPMENT	20.950.203				\$21,945												
IDC - F&C - SPECIAL SE	20.950.206	ENERGEN	CONTINGENCY	\$8,000	\$178,005												
Total IDC:				\$98,319	\$2,825,145												
TDC	Code	Vendor	Remarks	Daily Exp	Cum Exp												
TDC - DE - CONDUCTO	20.940.101				\$40,000												
TDC - DE - PRODUCTIO	20.940.104				\$347,360												
TDC - DE - SURFACE CA	20.940.106				\$184,651												
TDC - SE - CASING/ WE	20.940.201				\$13,880												
Total TDC:					\$585,891												
Total Cumulative Well Costs:				\$98,319	\$3,411,036												

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
12/16/2012	27	14460	02 - Drilling	13.3	\$223,625	\$3,411,036	\$7,621,000



Well Name: UNIVERSITY 17-18 2H

Surface Location: 400 FSWL, 567 FNWL / Bottom Hole Location: 200 FNEL, 567 FNWL - WARD, TX

Report No:	28	Rpt T. Activity:	05 - Condition Mud & Circulate	AFE #:	PB100912
Operation Desc:	CIRC			AFE Total:	\$7,621,000
Spud Date:	11/23/2012	API Code:	4247536255	AFE DHC:	\$4,095,500
Days from Spud:	24	Rig Supervisor 1:	TOM HICKS 713-489-1919	Daily Costs:	\$193,297
Field Name:	EORGES (BONE S	Rig Supervisor 2:	FRED RAY 713-489-1919	This AFE DHC to Date:	\$3,604,333
Sec/Twn/Rng:	17 / /	Tool Pusher:	() -	This AFE CWC to Date:	\$3,604,333
Start Depth(ft):	14460	Formation:		Total Project Costs:	\$3,604,333
Ending Depth(ft):	15125	RKB to MSL:	2690 RKB to THF: 0	Total w/ Assoc AFEs:	\$3,604,333
TVD:	11086	RKB to LMF:	0 RKB to CHF: 0	Daily Mud Costs:	\$29,788
Rig Company:	NABORS DRILLIN	24 Hr. Footage:	665 Develop To: 0	Cum Mud Costs:	\$282,935
Rig Name:	NABORS RIG #F-	Location Survey:	UNIVERSITY LAND SURVEY	Abstract:	U96

24-Hour Summary/Remarks:
 DRILLED 14460 - 15125 = 665'. TD.
 ROP= 53.2
 WOB= 15
 MW = 13.4
 SURVEY @ 15125 94.96 DEGREES
 TVD 11086.20

FLOW INCREASE AT 14560. SI. CIRC CLEAN.
 PULL 2 STANDS TO CHECK DP SCREEN.
 DRILL TO TD. DRILL OUT OF ZONE.
 CIRCULATE AT TD. 120 RPM. WORK PIPE 90'.
 SPOT KILL MUD. CHECK FOR FLOW.
 PREP TOH FOR REAMER BHA.

0 HRS RIG DOWNTIME
 DAILY COST- \$ 211,697
 CUMULATIVE COST- \$3,622,733
 CMOL: FRED RAY

Next Day Operations: CHECK FLOW. TOH FOR REAMER

Surveys

Survey No.	Survey Date	Tie In	Meas. Depth	Inclination	Azimuth	Des Azi	TVD	Vert Sect	N/S(+/-)	E/W(+/-)	DLS
66	12/17/2012	<input type="checkbox"/>	14877	92.34	75.36	0.00	10850.35	1249.49	1249.49	3689.20	1.40
67	12/17/2012	<input type="checkbox"/>	14972	93.86	75.45	0.00	10845.21	1273.39	1273.39	3780.99	1.60
68	12/17/2012	<input type="checkbox"/>	15125	94.96	75.42	0.00	10833.45	1311.75	1311.75	3928.63	0.72

Casing

Type	Date Run	Casing Top	Set Depth	Size	Weight	Grade	Drift	Hole Size	TD	Shoe Test	
Surface	11/27/2012	30.00	4972.21	9.625	40.00	L-80	8.835	12.250	4884.00		
Stage		Reciprocate <input type="checkbox"/>	Bump Plug <input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>			Cement Top				
	Distance	Rotate <input type="checkbox"/>	Pressure	Hold <input checked="" type="checkbox"/>	Description			Fill%	Circ.Vol	ft.	Determined
1	0	<input type="checkbox"/>	0	<input checked="" type="checkbox"/>	FULL				0	0	Circulated
	No.1	Lead, 0, 1100, 35/65 POZ, Class C, 2.09, 12.6									
	No.2	Tail, 0, 300, NEAT, Class C, 1.35, 14.8									
Stage		Reciprocate <input type="checkbox"/>	Bump Plug <input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>			Cement Top				
	Distance	Rotate <input type="checkbox"/>	Pressure	Hold <input checked="" type="checkbox"/>	Description			Fill%	Circ.Vol	ft.	Determined
2	0	<input type="checkbox"/>	0	<input checked="" type="checkbox"/>	FULL				0	0	Circulated
	No.1	Lead, 0, 1450, CLASS C, Class C, 1.8, 13.5									
	No.2	Tail, 0, 200, CLASS C NEAT, Class C, 1.35, 14.8									
Intermediate	12/9/2012	30.80	11201.27	7.000	29.00	P-110	6.184	8.750	11215.00		
Stage		Reciprocate <input type="checkbox"/>	Bump Plug <input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>			Cement Top				
	Distance	Rotate <input type="checkbox"/>	Pressure	Hold <input checked="" type="checkbox"/>	Description			Fill%	Circ.Vol	ft.	Determined
1	0	<input type="checkbox"/>	1877	<input checked="" type="checkbox"/>	PARTIAL RETURNS			50%	0	5000	Calculated
	No.1	Lead, 0, 800, TXI, Class H, 2.74, 11									
	No.2	Tail, 0, 400, TXI, Class H, 1.36, 13.2									
Stage		Reciprocate <input type="checkbox"/>	Bump Plug <input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>			Cement Top				
	Distance	Rotate <input type="checkbox"/>	Pressure	Hold <input checked="" type="checkbox"/>	Description			Fill%	Circ.Vol	ft.	Determined
2	0	<input type="checkbox"/>	2024	<input checked="" type="checkbox"/>				100%	0	0	Circulated
	No.1	Lead, 0, 250, TXI, Class H, 11, 2.78									
	No.2	Tail, 0, 201, TXI, Class H, 13.2, 1.36									
Pipe on Rack	12/16/2012	0.00	0.00	0.000	0.00			0.000	0.00		

BOP Test and Inspection Dates

Last BOP Test:	11/29/2012	Days Since BOP Tested:	18	Last Inspection:	
Last BOP Drill Date:		BOP Test Due:			

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
12/17/2012	28	15125	05 - Condition Mud & Circulate	13.4	\$193,297	\$3,604,333	\$7,621,000



Energen Resources Corp.

605 Richard Arrington Blvd.
Birmingham, AL 35205
(800) 292-4005

Drilling Report

Report No: 28
Report Date: 12/17/2012

Well Name: UNIVERSITY 17-18 2H																	
Mud Properties																	
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand		
14920	16:30	13.40	13.15	46	16	23	9/16/0	10.0	0.0	0	0.00	26.5%	72.5%	1.0%	1.5%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Lost			
0.0	10.00	0.38	0.17	0.91	170000	120	0	0.00	0.00	0	0	0.00	1/99	0			
Water Lost	LCM	ECD	FL Temp	Remarks													
0	0.0	14.7	95														
Hours Summary (Daily / Cumulative)																	
Drilling	12.50 / 328	Rotating	12.50 / 328	Trips	0.00 / 112	Circulating	11.50 / 30	Down	0.00 / 1	Other	0.00 / 184						
Operations																	
Start	Hrs	Code	Remarks											Start Depth	End Depth	Run	
6:00	2.50	02	DRILL 14460-15560											14460	14560	5	
8:30	2.00	05	CIRC ON CHOKE. DUMP GAS CUT MUD. PULL 2 STDS DP TO CHECK DP SCREEN.											14560	14560	5	
10:30	10.00	02	DRILL 15560-15125. DRILL OUT OF ZONE.											14560	15125	5	
20:30	7.50	05	CIRC. 120 RPM. WORK PIPE 90'.											15125	15125	5	
4:00	2.00	05	SPOT KILL MUD. CHECK FOR FLOW.											15125	15125	5	
Total	24.00																
Drilling Data																	
Hook Load:	180			Pick Up:	200			Slack Off:	165			Over Pull:	20				
ROP:	53.20			Pres on Bot:	0			Press Off Bot:	0			Kickoff Depth:	0				
WOB:	15			Rotary RPM:	150			Motor RPM:				Torque:	11500				
BHA Hours:	0.00			Crew Status:	Remarks:												
Daily Bits																	
BHA	Bit	Date In	Size	Manufac.	Type	Serial No.	In	Out	Ftg	Tot Ftg	Hrs	Tot Hrs	ROP	WOB	RPM	MRPM	Torq
5	5	12/11/2012	6.125	SMITH	MDI611	JG4836	11215	15125	3601	3601	83.50	83.50	43.1	15	120	0	11500
Date Out			Jets	15 / 15 / 15 / 0 / 0 / 0 / 0 / 0			TFA	0.51	Char (I/O/D/O/L/B/G/R)			/ / / / / / / /					
Drilling Assembly																	
Component	Qty	Length	OD Avg	ID Avg	Tot Length	Remarks											
Bit - Core - PDC	1	0.65	6.125	0.000	0.65	SMITH JG2521											
Motor - instrumented	1	16.21	4.688	0.000	16.86	ARCHER .6											
MWD - pulser	1	7.06	4.688	0.000	23.92	SHORT HOP											
MWD - pulser	1	23.50	4.813	0.000	47.42	PERISCOPE											
Stab - IB	1	1.52	4.813	0.000	48.94	PERISCOPE STAB											
MWD - pulser	1	29.60	4.750	0.000	78.54	SHORT PULSE											
Monel	1	31.11	4.750	2.625	109.65	NMDC											
Sub - Float	1	3.08	4.563	2.188	112.73	FLOAT											
Sub - XO	1	3.04	4.563	2.250	115.77	CROSSOVER											
Mud Pumps																	
Pump No	Model	Liner Size	Stroke	Max PSI	Max SPM	SPM	GPM	Press.	Slow Pump Rates/Pres.								
1		6	12	4667	115	60	0	3920	30/335	0/0	0/0						
2		6	12	4667	1156	0	0	0	30/335	0/0	0/0						
Drilling Breaks and Shows																	
BGRD Gas:	350		Trip Gas:				Surv Gas:				Conn Gas:	1410		Peak Gas:	1410		
Shale %:	15.0		Sand %:	85.0			Others %:	0.0			Shale Den:	0.0		D'Exp:	0.0		
Depth:	0.0		Pore Press:	0.0			H2S:	0.0			Cir. Temp:	0.0					
Desc:	85 SAND, 15 SHALE																
Personnel Data																	
Company	Service			Qty.	Hours	Company	Service			Qty.	Hours						
ERVIN WELLSITE CON	Fred Ray			1	24.00	New Tech Engineering	Tom Hicks			0	0.00						
Totals				1.00	24.00												

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
12/17/2012	28	15125	05 - Condition Mud & Circulate	13.4	\$193,297	\$3,604,333	\$7,621,000



Well Name: UNIVERSITY 17-18 2H					
Daily Cost Details					
IDC	Code	Vendor	Remarks	Daily Exp	Cum Exp
IDC - COMPANY SUPER	20.950.020	Ervin Wellsite Consultin	SUPERVISION	\$1,500	\$42,000
IDC - ROAD & SITE CON	20.950.030				\$195,000
IDC - DRILL - BIT & STA	20.950.101				\$58,457
IDC - DRILL - CEMENT &	20.950.102				\$179,017
IDC - DRILL - CONTRAC	20.950.103	NABORS F05	RIG	\$25,000	\$642,500
IDC - DRILL - MUD & CH	20.950.104	OMEGA	CORROSION CHEMICAL	\$0	\$282,935
IDC - DRILL - MUD & CH	20.950.104	Venture Mud	DAILY MUD	\$29,788	\$282,935
IDC - DRILL - EQUIPMEN	20.950.105	ASI	SAFETY	\$100	\$197,222
IDC - DRILL - EQUIPMEN	20.950.105	EBI	PHONES, INTERNET, INTERC	\$205	\$197,222
IDC - DRILL - EQUIPMEN	20.950.105	YOUNGS	CAMP TRAILERS	\$1,050	\$197,222
IDC - DRILL - EQUIPMEN	20.950.105	ENERGY BROADBAND	PHONE, INTERCOM	\$205	\$197,222
IDC - DRILL - EQUIPMEN	20.950.105	SWACO	CHOKES	\$150	\$197,222
IDC - DRILL - EQUIPMEN	20.950.105	Permian 2	GENERATOR	\$250	\$197,222
IDC - DRILL - EQUIPMEN	20.950.105	CAN RIG	ROCKET	\$500	\$197,222
IDC - DRILL - EQUIPMEN	20.950.105	Man Welding Services	GAS SEP	\$250	\$197,222
IDC - DRILL - FUEL POW	20.950.106	WESTERN	DIESEL	\$22,764	\$207,367
IDC - DRILL - HAULING	20.950.107				\$137,138
IDC - DRILL - FLUIDS	20.950.108				\$124,171
IDC - F&C - EQUIPMENT	20.950.203				\$21,945
IDC - F&C - SPECIAL SE	20.950.206	ENERGEN	CONTINGENCY	\$8,000	\$186,005
Total IDC:				\$89,762	\$3,018,442
TDC	Code	Vendor	Remarks	Daily Exp	Cum Exp
TDC - DE - CONDUCTO	20.940.101				\$40,000
TDC - DE - PRODUCTIO	20.940.104				\$347,360
TDC - DE - SURFACE CA	20.940.106				\$184,651
TDC - SE - CASING/ WE	20.940.201				\$13,880
Total TDC:					\$585,891
Total Cumulative Well Costs:				\$89,762	\$3,604,333

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
12/17/2012	28	15125	05 - Condition Mud & Circulate	13.4	\$193,297	\$3,604,333	\$7,621,000



Well Name: UNIVERSITY 17-18 2H

Surface Location: 400 FSWL, 567 FNWL / Bottom Hole Location: 200 FNEL, 567 FNWL - WARD, TX

Report No:	29	Rpt T. Activity:	07 - Rig Service	AFE #:	PB100912
Operation Desc:	PREP TO RUN LINER			AFE Total:	\$7,621,000
Spud Date:	11/23/2012	API Code:	4247536255	AFE DHC:	\$4,095,500
Days from Spud:	25	Rig Supervisor 1:	TOM HICKS 713-489-1919	Daily Costs:	\$76,999
Field Name:	EORGES (BONE S	Rig Supervisor 2:	FRED RAY 713-489-1919	This AFE DHC to Date:	\$3,681,332
Sec/Twn/Rng:	17 / /	Tool Pusher:	() -	This AFE CWC to Date:	\$3,681,332
Start Depth(ft):	15125	Formation:		Total Project Costs:	\$3,681,332
Ending Depth(ft):	15125	RKB to MSL:	2690	RKB to THF:	0
TVD:	0	RKB to LMF:	0	RKB to CHF:	0
Rig Company:	NABORS DRILLIN	24 Hr. Footage:	0	Develop To:	0
Rig Name:	NABORS RIG #F-	Location Survey:	UNIVERSITY LAND SURVEY	Cum Mud Costs:	\$298,064
				Abstract:	U96

24-Hour Summary/Remarks:
CHECK FOR FLOW. TOH TO 9000'. HAD FLOW.
MIX AND PUMP 60 BBLS KILL MUD. TOH LD SCHLUMBERGER BHA.
PU BIT AND REAMER ASSEMBLY.
TIH TO TD AND TOH. NO PROBLEMS.
PREP TO RUN 4 1/2 LINER.

0 HRS RIG DOWNTIME
DAILY COST- \$ 76,999
CUMULATIVE COST- \$3,681,332
CMOL: FRED RAY

Next Day Operations: RU TESCO. RUN 4/12 LINER

Surveys											
Survey No.	Survey Date	Tie In	Meas. Depth	Inclination	Azimuth	Des Azi	TVD	Vert Sect	N/S(+/-)	E/W(+/-)	DLS
66	12/17/2012	<input type="checkbox"/>	14877	92.34	75.36	0.00	10850.35	1249.49	1249.49	3689.20	1.40
67	12/17/2012	<input type="checkbox"/>	14972	93.86	75.45	0.00	10845.21	1273.39	1273.39	3780.99	1.60
68	12/17/2012	<input type="checkbox"/>	15125	94.96	75.42	0.00	10833.45	1311.75	1311.75	3928.63	0.72

Casing										
Type	Date Run	Casing Top	Set Depth	Size	Weight	Grade	Drift	Hole Size	TD	Shoe Test
Surface	11/27/2012	30.00	4972.21	9.625	40.00	L-80	8.835	12.250	4884.00	

Stage	Reciprocate <input type="checkbox"/> Bump Plug <input checked="" type="checkbox"/>				Fluid Returns <input checked="" type="checkbox"/>			Cement Top		
	Distance	Rotate	Pressure	Hold	Description	Fill%	Circ.Vol	ft.	Determined	
1	0	<input type="checkbox"/>	0	<input checked="" type="checkbox"/>	FULL		0	0	Circulated	
No.1		Lead, 0, 1100, 35/65 POZ, Class C, 2.09, 12.6								
No.2		Tail, 0, 300, NEAT, Class C, 1.35, 14.8								

Stage	Reciprocate <input type="checkbox"/> Bump Plug <input checked="" type="checkbox"/>				Fluid Returns <input checked="" type="checkbox"/>			Cement Top		
	Distance	Rotate	Pressure	Hold	Description	Fill%	Circ.Vol	ft.	Determined	
2	0	<input type="checkbox"/>	0	<input checked="" type="checkbox"/>	FULL		0	0	Circulated	
No.1		Lead, 0, 1450, CLASS C, Class C, 1.8, 13.5								
No.2		Tail, 0, 200, CLASS C NEAT, Class C, 1.35, 14.8								

Intermediate										
Type	Date Run	Casing Top	Set Depth	Size	Weight	Grade	Drift	Hole Size	TD	Shoe Test
Intermediate	12/9/2012	30.80	11201.27	7.000	29.00	P-110	6.184	8.750	11215.00	

Stage	Reciprocate <input type="checkbox"/> Bump Plug <input checked="" type="checkbox"/>				Fluid Returns <input checked="" type="checkbox"/>			Cement Top		
	Distance	Rotate	Pressure	Hold	Description	Fill%	Circ.Vol	ft.	Determined	
1	0	<input type="checkbox"/>	1877	<input checked="" type="checkbox"/>	PARTIAL RETURNS	50%	0	5000	Calculated	
No.1		Lead, 0, 800, TXI, Class H, 2.74, 11								
No.2		Tail, 0, 400, TXI, Class H, 1.36, 13.2								

Stage	Reciprocate <input type="checkbox"/> Bump Plug <input checked="" type="checkbox"/>				Fluid Returns <input checked="" type="checkbox"/>			Cement Top		
	Distance	Rotate	Pressure	Hold	Description	Fill%	Circ.Vol	ft.	Determined	
2	0	<input type="checkbox"/>	2024	<input checked="" type="checkbox"/>		100%	0	0	Circulated	
No.1		Lead, 0, 250, TXI, Class H, 11, 2.78								
No.2		Tail, 0, 201, TXI, Class H, 13.2, 1.36								

Pipe on Rack	12/16/2012	0.00	0.00	0.000	0.00			0.000	0.00
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BOP Test and Inspection Dates			
Last BOP Test:	11/29/2012	Days Since BOP Tested:	19
Last BOP Drill Date:		BOP Test Due:	
Last Inspection:			

Mud Properties															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
15125	16:30	13.40	13.15	46	14	23	9/16/0	9.5	0.0	0	0.00	25.5%	73.5%	1.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Lost	
0.0	10.00	0.34	0.13	0.88	147000	180	0	0.00	0.00	0	0	0.00	1/99	0	

Water Lost					Remarks				
LCM	ECD	FL Temp							
0	0.0	14.7	95						

Hours Summary (Daily / Cumulative)											
Drilling	0.00 / 328	Rotating	0.00 / 328	Trips	19.00 / 131	Circulating	3.50 / 33	Down	0.00 / 1	Other	1.50 / 185

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
12/18/2012	29	15125	07 - Rig Service	13.4	\$76,999	\$3,681,332	\$7,621,000



Energen Resources Corp.

605 Richard Arrington Blvd.
Birmingham, AL 35205
(800) 292-4005

Drilling Report

Report No: 29
Report Date: 12/18/2012

Well Name: UNIVERSITY 17-18 2H

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.50	06	CHECK FOR FLOW. START TOH TO 9000'. HAD FLOW.	15125	15125	5
8:30	3.50	87	MIX AND PUMP 60 BBL KILL MUD.	15125	15125	5
12:00	5.00	06	TOH. LD SCHLUMBERGER BHA.	15125	15125	5
17:00	0.50	07	RIG SERVICE	15125	15125	5
17:30	6.50	06	PU BIT AND REAMER ASSEMBLY. TIH TO TD. NO PROBLEMS.	15125	15125	NIH
0:00	5.00	06	TOH. NO PROBLEM.	15125	15125	NIH
5:00	1.00	07	SERVICE RIG	15125	15125	NIH
Total:		24.00				

Drilling Data							
Hook Load:	180	Pick Up:	200	Slack Off:	165	Over Pull:	20
ROP:	0.00	Pres on Bot:	0	Press Off Bot:	0	Kickoff Depth:	0
WOB:	15	Rotary RPM:	150	Motor RPM:		Torque:	11500
BHA Hours:	0.00	Crew Status:		Remarks:			

Daily Bits																	
BHA	Bit	Date In	Size	Manufac.	Type	Serial No.	In	Out	Ftg	Tot Ftg	Hrs	Tot Hrs	ROP	WOB	RPM	MRPM	Torq
5	5	12/11/2012	6.125	SMITH	MDI611	JG4836	11215	15125	3601	3601	83.50	83.50	43.1	15	120	0	11500
Date Out:		12/17/2012	Jets	15 / 15 / 15 / 0 / 0 / 0 / 0 / 0			TFA	0.51	Char (I/O/D/O/L/B/G/R)			1 / 1 / NO / NO / A / 0 / 1 / TD					

Mud Pumps											
Pump No	Model	Liner Size	Stroke	Max PSI	Max SPM	SPM	GPM	Press.	Slow Pump Rates/Pres.		
1		6	12	4667	115	60	0	3920	30/335	0/0	0/0
2		6	12	4667	1156	0	0	0	30/335	0/0	0/0

Drilling Breaks and Shows									
BGRD Gas:	20	Trip Gas:		Surv Gas:		Conn Gas:		Peak Gas:	260
Shale %:	15.0	Sand %:	85.0	Others %:	0.0	Shale Den:	0.0	D'Exp:	0.0
Depth:	0.0	Pore Press:	0.0	H2S:	0.0	Cir. Temp:	0.0		
Desc: 85 SAND, 15 SHALE									

Personnel Data							
Company	Service	Qty.	Hours	Company	Service	Qty.	Hours
ERVIN WELLSITE CON	Fred Ray	1	24.00	New Tech Engineering	Tom Hicks	0	0.00
Totals		1.00	24.00				

Daily Cost Details						
IDC	Code	Vendor	Remarks	Daily Exp	Cum Exp	
IDC - COMPANY SUPER	20.950.020	Ervin Wellsite Consultin	SUPERVISION	\$1,500	\$43,500	
IDC - ROAD & SITE CON	20.950.030				\$195,000	
IDC - DRILL - BIT & STA	20.950.101				\$58,457	
IDC - DRILL - CEMENT &	20.950.102				\$179,017	
IDC - DRILL - CONTRAC	20.950.103	NABORS F05	RIG	\$25,000	\$667,500	
IDC - DRILL - MUD & CH	20.950.104	Venture Mud	DAILY MUD	\$15,129	\$298,064	
IDC - DRILL - MUD & CH	20.950.104	OMEGA	CORROSION CHEMICAL	\$0	\$298,064	
IDC - DRILL - EQUIPMEN	20.950.105	YOUNGS	CAMP TRAILERS	\$1,050	\$199,932	
IDC - DRILL - EQUIPMEN	20.950.105	Man Welding Services	GAS SEP	\$250	\$199,932	
IDC - DRILL - EQUIPMEN	20.950.105	Permian 2	GENERATOR	\$250	\$199,932	
IDC - DRILL - EQUIPMEN	20.950.105	SWACO	CHOKES	\$150	\$199,932	
IDC - DRILL - EQUIPMEN	20.950.105	EBI	PHONES, INTERNET, INTERC	\$205	\$199,932	
IDC - DRILL - EQUIPMEN	20.950.105	ENERGY BROADBAND	PHONE, INTERCOM	\$205	\$199,932	
IDC - DRILL - EQUIPMEN	20.950.105	ASI	SAFETY	\$100	\$199,932	
IDC - DRILL - EQUIPMEN	20.950.105	CAN RIG	ROCKET	\$500	\$199,932	
IDC - DRILL - FUEL POW	20.950.106	WESTERN	DIESEL	\$0	\$207,367	
IDC - DRILL - HAULING	20.950.107				\$137,138	
IDC - DRILL - FLUIDS	20.950.108				\$124,171	
IDC - F&C - EQUIPMENT	20.950.203				\$21,945	
IDC - F&C - SPECIAL SE	20.950.206	ENERGEN	CONTINGENCY	\$8,000	\$194,005	
Total IDC:				\$52,339	\$3,095,441	

TDC	Code	Vendor	Remarks	Daily Exp	Cum Exp
TDC - DE - CONDUCTO	20.940.101				\$40,000
TDC - DE - PRODUCTIO	20.940.104				\$347,360
TDC - DE - SURFACE CA	20.940.106				\$184,651
TDC - SE - CASING/ WE	20.940.201				\$13,880
Total TDC:					\$585,891
Total Cumulative Well Costs:				\$52,339	\$3,681,332

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
12/18/2012	29	15125	07 - Rig Service	13.4	\$76,999	\$3,681,332	\$7,621,000



Energen Resources Corp.

605 Richard Arrington Blvd.
Birmingham, AL 35205
(800) 292-4005

Drilling Report

Report No: 30
Report Date: 12/19/2012

Well Name: UNIVERSITY 17-18 2H															
Surface Location: 400 FSWL, 567 FNWL / Bottom Hole Location: 200 FNEL, 567 FNWL - WARD, TX															
Report No:	30	Rpt T. Activity:	21 - Other		AFE #:	PB100912									
Operation Desc:	PUSH & PULL LINNER HANGAR				AFE Total:	\$7,621,000									
Spud Date:	11/23/2012	API Code:	4247536255		AFE DHC:	\$4,095,500									
Days from Spud:	26	Rig Supervisor 1:	TOM HICKS	713-489-1919	Daily Costs:	\$69,247									
Field Name:	EORGES (BONE S	Rig Supervisor 2:	FRED RAY	713-489-1919	This AFE DHC to Date:	\$3,750,579									
Sec/Twn/Rng:	17 / /	Tool Pusher:	() -		This AFE CWC to Date:	\$3,750,579									
Start Depth(ft):	15125	Formation:			Total Project Costs:	\$3,750,579									
Ending Depth(ft):	15125	RKB to MSL:	2690	RKB to THF:	0	Total w/ Assoc AFEs:	\$3,750,579								
TVD:	0	RKB to LMF:	0	RKB to CHF:	0	Daily Mud Costs:	\$16,064								
Rig Company:	NABORS DRILLIN	24 Hr. Footage:	0	Develop To:	0	Cum Mud Costs:	\$314,128								
Rig Name:	NABORS RIG #F-	Location Survey:	UNIVERSITY LAND SURVEY		Abstract:	U96									
24-Hour Summary/Remarks: RU CSG CREW AND RUN AND SET SHOE @ 15115' AND LINNER HANGAR @ 10602															
Next Day Operations: LAY DOWN DRILL PIPE															
Surveys															
Survey No.	Survey Date	Tie In	Meas. Depth	Inclination	Azimuth	Des Azi	TVD	Vert Sect	N/S(+/-)	E/W(+/-)	DLS				
66	12/17/2012	<input type="checkbox"/>	14877	92.34	75.36	0.00	10850.35	1249.49	1249.49	3689.20	1.40				
67	12/17/2012	<input type="checkbox"/>	14972	93.86	75.45	0.00	10845.21	1273.39	1273.39	3780.99	1.60				
68	12/17/2012	<input type="checkbox"/>	15125	94.96	75.42	0.00	10833.45	1311.75	1311.75	3928.63	0.72				
Casing															
Type	Date Run	Casing Top	Set Depth	Size	Weight	Grade	Drift	Hole Size	TD	Shoe Test					
Surface	11/27/2012	30.00	4972.21	9.625	40.00	L-80	8.835	12.250	4884.00						
Stage	Reciprocate	<input type="checkbox"/>	Bump Plug	<input checked="" type="checkbox"/>	Fluid Returns			<input checked="" type="checkbox"/>	Cement Top						
	Distance	Rotate	Pressure	Hold	Description			Fill%	Circ.Vol	ft.	Determined				
1	0	<input type="checkbox"/>	0	<input checked="" type="checkbox"/>	FULL				0	0	Circulated				
No.1	Lead, 0, 1100, 35/65 POZ, Class C, 2.09, 12.6														
No.2	Tail, 0, 300, NEAT, Class C, 1.35, 14.8														
Stage	Reciprocate	<input type="checkbox"/>	Bump Plug	<input checked="" type="checkbox"/>	Fluid Returns			<input checked="" type="checkbox"/>	Cement Top						
	Distance	Rotate	Pressure	Hold	Description			Fill%	Circ.Vol	ft.	Determined				
2	0	<input type="checkbox"/>	0	<input checked="" type="checkbox"/>	FULL				0	0	Circulated				
No.1	Lead, 0, 1450, CLASS C, Class C, 1.8, 13.5														
No.2	Tail, 0, 200, CLASS C NEAT, Class C, 1.35, 14.8														
Intermediate	12/9/2012	30.80	11201.27	7.000	29.00	P-110	6.184	8.750	11215.00						
Stage	Reciprocate	<input type="checkbox"/>	Bump Plug	<input checked="" type="checkbox"/>	Fluid Returns			<input checked="" type="checkbox"/>	Cement Top						
	Distance	Rotate	Pressure	Hold	Description			Fill%	Circ.Vol	ft.	Determined				
1	0	<input type="checkbox"/>	1877	<input checked="" type="checkbox"/>	PARTIAL RETURNS			50%	0	5000	Calculated				
No.1	Lead, 0, 800, TXI, Class H, 2.74, 11														
No.2	Tail, 0, 400, TXI, Class H, 1.36, 13.2														
Stage	Reciprocate	<input type="checkbox"/>	Bump Plug	<input checked="" type="checkbox"/>	Fluid Returns			<input checked="" type="checkbox"/>	Cement Top						
	Distance	Rotate	Pressure	Hold	Description			Fill%	Circ.Vol	ft.	Determined				
2	0	<input type="checkbox"/>	2024	<input checked="" type="checkbox"/>				100%	0	0	Circulated				
No.1	Lead, 0, 250, TXI, Class H, 11, 2.78														
No.2	Tail, 0, 201, TXI, Class H, 13.2, 1.36														
Pipe on Rack	12/16/2012	0.00	0.00	0.000	0.00			0.000	0.00						
BOP Test and Inspection Dates															
Last BOP Test:	11/29/2012	Days Since BOP Tested:	20		Last Inspection:										
Last BOP Drill Date:		BOP Test Due:													
Mud Properties															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
15125	16:30	13.40	13.15	46	14	23	9/16/0	9.5	0.0	0	0.00	25.5%	73.5%	1.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Lost	
0.0	10.00	0.34	0.13	0.88	147000	180	0	0.00	0.00	0	0	0.00	1/99	0	
Water Lost	LCM	ECD	FL Temp	Remarks											
0	0.0	14.7	95												
Hours Summary (Daily / Cumulative)															
Drilling	0.00 / 328	Rotating	0.00 / 328	Trips	0.00 / 131	Circulating	0.00 / 33	Down	0.00 / 1	Other	24.00 / 209				
Operations															
Start	Hrs	Code	Remarks								Start Depth	End Depth	Run		
6:00	2.00	12	RU CSG CREW , SAFTEY MEETING								15125	15125	NIH		
8:00	15.00	12	RUN 4.5 LINNER, TO 15115'								15125	15125	NIH		
23:00	7.00	21	DISPLACE AND SET LINNER HANGAR, 10601								15125	15125	NIH		
Total:	24.00														
Drilling Data															
Hook Load:	180	Pick Up:	200	Slack Off:	165	Over Pull:	20								
ROP:	0.00	Pres on Bot:	0	Press Off Bot:	0	Kickoff Depth:	0								
WOB:	15	Rotary RPM:	150	Motor RPM:		Torque:	11500								
BHA Hours:	0.00	Crew Status:			Remarks:										

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
12/19/2012	30	15125	21 - Other	13.4	\$69,247	\$3,750,579	\$7,621,000



Well Name: UNIVERSITY 17-18 2H											
Mud Pumps											
Pump No	Model	Liner Size	Stroke	Max PSI	Max SPM	SPM	GPM	Press.	Slow Pump Rates/Pres.		
1		6	12	4667	115	60	0	3920	30/335	0/0	0/0
2		6	12	4667	1156	0	0	0	30/335	0/0	0/0
Personnel Data											
Company		Service		Qty.	Hours	Company		Service		Qty.	Hours
ERVIN WELLSITE CON		Fred Ray		1	24.00	New Tech Engineering		Tom Hicks		0	0.00
Totals				1.00	24.00						
Daily Cost Details											
IDC	Code	Vendor		Remarks		Daily Exp	Cum Exp				
IDC - COMPANY SUPER	20.950.020	Ervin Wellsite Consultin		SUPERVISION		\$1,500	\$45,000				
IDC - ROAD & SITE CON	20.950.030						\$195,000				
IDC - DRILL - BIT & STA	20.950.101						\$58,457				
IDC - DRILL - CEMENT &	20.950.102	TESCO		TORQUE TURN		\$5,908	\$194,990				
IDC - DRILL - CEMENT &	20.950.102	TESCO		CSG CREW		\$10,065	\$194,990				
IDC - DRILL - CONTRAC	20.950.103	NABORS F05		RIG		\$25,000	\$692,500				
IDC - DRILL - MUD & CH	20.950.104	Venture Mud		DAILY MUD		\$15,129	\$314,128				
IDC - DRILL - MUD & CH	20.950.104	OMEGA		CORROSION CHEMICAL		\$0	\$314,128				
IDC - DRILL - MUD & CH	20.950.104	Venture Mud		DAILY MUD COST		\$935	\$314,128				
IDC - DRILL - EQUIPMEN	20.950.105	ASI		SAFETY		\$100	\$202,642				
IDC - DRILL - EQUIPMEN	20.950.105	Man Welding Services		GAS SEP		\$250	\$202,642				
IDC - DRILL - EQUIPMEN	20.950.105	SWACO		CHOKES		\$150	\$202,642				
IDC - DRILL - EQUIPMEN	20.950.105	YOUNGS		CAMP TRAILERS		\$1,050	\$202,642				
IDC - DRILL - EQUIPMEN	20.950.105	ENERGY BROADBAND		PHONE, INTERCOM		\$205	\$202,642				
IDC - DRILL - EQUIPMEN	20.950.105	CAN RIG		ROCKET		\$500	\$202,642				
IDC - DRILL - EQUIPMEN	20.950.105	EBI		PHONES, INTERNET, INTERC		\$205	\$202,642				
IDC - DRILL - EQUIPMEN	20.950.105	Permian 2		GENERATOR		\$250	\$202,642				
IDC - DRILL - FUEL POW	20.950.106	WESTERN		DIESEL		\$0	\$207,367				
IDC - DRILL - HAULING	20.950.107						\$137,138				
IDC - DRILL - FLUIDS	20.950.108						\$124,171				
IDC - F&C - EQUIPMENT	20.950.203						\$21,945				
IDC - F&C - SPECIAL SE	20.950.206	ENERGEN		CONTINGENCY		\$8,000	\$202,005				
Total IDC:						\$69,247	\$3,164,688				
TDC	Code	Vendor		Remarks		Daily Exp	Cum Exp				
TDC - DE - CONDUCTO	20.940.101						\$40,000				
TDC - DE - PRODUCTIO	20.940.104						\$347,360				
TDC - DE - SURFACE CA	20.940.106						\$184,651				
TDC - SE - CASING/ WE	20.940.201						\$13,880				
Total TDC:							\$585,891				
Total Cumulative Well Costs:						\$69,247	\$3,750,579				

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
12/19/2012	30	15125	21 - Other	13.4	\$69,247	\$3,750,579	\$7,621,000



Well Name: UNIVERSITY 17-18 2H															
Surface Location: 400 FSWL, 567 FNWL / Bottom Hole Location: 200 FNEL, 567 FNWL - WARD, TX															
Report No:	31	Rpt T. Activity:	21 - Other		AFE #:	PB100912									
Operation Desc:	CLEAN PITS				AFE Total:	\$7,621,000									
Spud Date:	11/23/2012	API Code:	4247536255				AFE DHC:	\$4,095,500							
Days from Spud:	27	Rig Supervisor 1:	TOM HICKS	713-489-1919		Daily Costs:	\$281,382								
Field Name:	EORGES (BONE S	Rig Supervisor 2:	FRED RAY	713-489-1919		This AFE DHC to Date:	\$4,031,961								
Sec/Twn/Rng:	17 / /	Tool Pusher:	() -		This AFE CWC to Date:	\$4,031,961									
Start Depth(ft):	15125	Formation:					Total Project Costs:	\$4,031,961							
Ending Depth(ft):	15125	RKB to MSL:	2690	RKB to THF:	0	Total w/ Assoc AFEs:	\$4,031,961								
TVD:	0	RKB to LMF:	0	RKB to CHF:	0	Daily Mud Costs:	\$15,129								
Rig Company:	NABORS DRILLIN	24 Hr. Footage:	0	Develop To:	0	Cum Mud Costs:	\$329,257								
Rig Name:	NABORS RIG #F-	Location Survey:	UNIVERSITY LAND SURVEY			Abstract:	U96								
24-Hour Summary/Remarks: DISPLACE MUD W/ BW, LAY DN DP AND TOOLS AND NIPPLE DN BOPE AND INSTALL WELL HEAD AND CLEAN PITS Next Day Operations: RIG DOWN ROTARY TOOLS															
Surveys															
Survey No.	Survey Date	Tie In	Meas. Depth	Inclination	Azimuth	Des Azi	TVD	Vert Sect	N/S(+/-)	E/W(+/-)	DLS				
66	12/17/2012	<input type="checkbox"/>	14877	92.34	75.36	0.00	10850.35	1249.49	1249.49	3689.20	1.40				
67	12/17/2012	<input type="checkbox"/>	14972	93.86	75.45	0.00	10845.21	1273.39	1273.39	3780.99	1.60				
68	12/17/2012	<input type="checkbox"/>	15125	94.96	75.42	0.00	10833.45	1311.75	1311.75	3928.63	0.72				
Casing															
Type	Date Run	Casing Top	Set Depth	Size	Weight	Grade	Drift	Hole Size	TD	Shoe Test					
Surface	11/27/2012	30.00	4972.21	9.625	40.00	L-80	8.835	12.250	4884.00						
Stage	Reciprocate	<input type="checkbox"/>	Bump Plug	<input checked="" type="checkbox"/>	Fluid Returns			<input checked="" type="checkbox"/>	Cement Top						
	Distance	Rotate	Pressure	Hold	Description			Fill%	Circ.Vol	ft.	Determined				
1	0	<input type="checkbox"/>	0	<input checked="" type="checkbox"/>	FULL				0	0	Circulated				
	No.1	Lead, 0, 1100, 35/65 POZ, Class C, 2.09, 12.6													
	No.2	Tail, 0, 300, NEAT, Class C, 1.35, 14.8													
Stage	Reciprocate	<input type="checkbox"/>	Bump Plug	<input checked="" type="checkbox"/>	Fluid Returns			<input checked="" type="checkbox"/>	Cement Top						
	Distance	Rotate	Pressure	Hold	Description			Fill%	Circ.Vol	ft.	Determined				
2	0	<input type="checkbox"/>	0	<input checked="" type="checkbox"/>	FULL				0	0	Circulated				
	No.1	Lead, 0, 1450, CLASS C, Class C, 1.8, 13.5													
	No.2	Tail, 0, 200, CLASS C NEAT, Class C, 1.35, 14.8													
Intermediate	12/9/2012	30.80	11201.27	7.000	29.00	P-110	6.184	8.750	11215.00						
Stage	Reciprocate	<input type="checkbox"/>	Bump Plug	<input checked="" type="checkbox"/>	Fluid Returns			<input checked="" type="checkbox"/>	Cement Top						
	Distance	Rotate	Pressure	Hold	Description			Fill%	Circ.Vol	ft.	Determined				
1	0	<input type="checkbox"/>	1877	<input checked="" type="checkbox"/>	PARTIAL RETURNS			50%	0	5000	Calculated				
	No.1	Lead, 0, 800, TXI, Class H, 2.74, 11													
	No.2	Tail, 0, 400, TXI, Class H, 1.36, 13.2													
Stage	Reciprocate	<input type="checkbox"/>	Bump Plug	<input checked="" type="checkbox"/>	Fluid Returns			<input checked="" type="checkbox"/>	Cement Top						
	Distance	Rotate	Pressure	Hold	Description			Fill%	Circ.Vol	ft.	Determined				
2	0	<input type="checkbox"/>	2024	<input checked="" type="checkbox"/>				100%	0	0	Circulated				
	No.1	Lead, 0, 250, TXI, Class H, 11, 2.78													
	No.2	Tail, 0, 201, TXI, Class H, 13.2, 1.36													
Pipe on Rack	12/18/2012	10582.19	15115.00	4.500	11.60	P-110	4.000	6.250	10525.00						
BOP Test and Inspection Dates															
Last BOP Test:	11/29/2012	Days Since BOP Tested:	21				Last Inspection:								
Last BOP Drill Date:		BOP Test Due:													
Mud Properties															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFC	FC	HTFC	Solid	Water	Oil	Sand
15125	16:30	13.40	13.15	46	14	23	9/16/0	9.5	0.0	0	0.00	25.5%	73.5%	1.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Lost	
0.0	10.00	0.34	0.13	0.88	147000	180	0	0.00	0.00	0	0	0.00	1/99	0	
Water Lost	LCM	ECD	FL Temp	Remarks											
0	0.0	14.7	95												
Hours Summary (Daily / Cumulative)															
Drilling	0.00 / 328	Rotating	0.00 / 328	Trips	15.00 / 146	Circulating	3.00 / 36	Down	0.00 / 1	Other	6.00 / 215				
Operations															
Start	Hrs	Code	Remarks								Start Depth	End Depth	Run		
6:00	3.00	05	DISPLACE MUD W/ BW								15125	15125	NIH		
9:00	15.00	06	LAY DOWN DP								15125	15125	NIH		
0:00	4.00	14	ND BOP AND INSTALL WELL HEAD AND FRAC VALVE								15125	15125	NIH		
4:00	2.00	21	CLEAN PITS								15125	15125	NIH		
Total:	24.00														

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
12/20/2012	31	15125	21 - Other	13.4	\$281,382	\$4,031,961	\$7,621,000



Well Name: UNIVERSITY 17-18 2H											
Drilling Data											
Hook Load:	180	Pick Up:	200	Slack Off:	165	Over Pull:	20				
ROP:	0.00	Pres on Bot:	0	Press Off Bot:	0	Kickoff Depth:	0				
WOB:	15	Rotary RPM:	150	Motor RPM:		Torque:	11500				
BHA Hours:	0.00	Crew Status:		Remarks:							
Mud Pumps											
Pump No	Model	Liner Size	Stroke	Max PSI	Max SPM	SPM	GPM	Press.	Slow Pump Rates/Pres.		
1		6	12	4667	115	60	0	3920	30/335	0/0	0/0
2		6	12	4667	1156	0	0	0	30/335	0/0	0/0
Personnel Data											
Company	Service	Qty.	Hours	Company	Service	Qty.	Hours				
ERVIN WELLSITE CON	Fred Ray	0	0.00	New Tech Engineering	Tom Hicks	1	24.00				
Totals		1.00	24.00								
Daily Cost Details											
IDC	Code	Vendor	Remarks	Daily Exp	Cum Exp						
IDC - COMPANY SUPER	20.950.020	Ervin Wellsite Consultin	SUPERVISION	\$1,500	\$46,500						
IDC - ROAD & SITE CON	20.950.030				\$195,000						
IDC - DRILL - BIT & STA	20.950.101				\$58,457						
IDC - DRILL - CEMENT &	20.950.102				\$194,990						
IDC - DRILL - CONTRAC	20.950.103	NABORS F05	RIG	\$25,000	\$717,500						
IDC - DRILL - MUD & CH	20.950.104	OMEGA	CORROSION CHEMICAL	\$0	\$329,257						
IDC - DRILL - MUD & CH	20.950.104	Venture Mud	DAILY MUD	\$15,129	\$329,257						
IDC - DRILL - EQUIPMEN	20.950.105	EBI	PHONES, INTERNET, INTERC	\$205	\$205,352						
IDC - DRILL - EQUIPMEN	20.950.105	CAN RIG	ROCKET	\$500	\$205,352						
IDC - DRILL - EQUIPMEN	20.950.105	Permian 2	GENERATOR	\$250	\$205,352						
IDC - DRILL - EQUIPMEN	20.950.105	ASI	SAFETY	\$100	\$205,352						
IDC - DRILL - EQUIPMEN	20.950.105	SWACO	CHOKES	\$150	\$205,352						
IDC - DRILL - EQUIPMEN	20.950.105	ENERGY BROADBAND	PHONE, INTERCOM	\$205	\$205,352						
IDC - DRILL - EQUIPMEN	20.950.105	YOUNGS	CAMP TRAILERS	\$1,050	\$205,352						
IDC - DRILL - EQUIPMEN	20.950.105	Man Welding Services	GAS SEP	\$250	\$205,352						
IDC - DRILL - FUEL POW	20.950.106	WESTERN	DIESEL	\$0	\$207,367						
IDC - DRILL - HAULING	20.950.107				\$137,138						
IDC - DRILL - FLUIDS	20.950.108				\$124,171						
IDC - F&C - EQUIPMENT	20.950.203				\$21,945						
IDC - F&C - SPECIAL SE	20.950.206	ENERGEN	CONTINGENCY	\$8,000	\$210,005						
				Total IDC:	\$52,339	\$3,237,427					
TDC	Code	Vendor	Remarks	Daily Exp	Cum Exp						
TDC - DE - CONDUCTO	20.940.101				\$40,000						
TDC - DE - PRODUCTIO	20.940.104	PACKERS PLUS	COMPLETIONS PKRS	\$141,704	\$547,163						
TDC - DE - PRODUCTIO	20.940.104	CAMERON	SERVICE MAN	\$1,593	\$547,163						
TDC - DE - PRODUCTIO	20.940.104	Sooner Pipe, L.L.P.	4.5 LINER	\$56,506	\$547,163						
TDC - DE - SURFACE CA	20.940.106				\$184,651						
TDC - SE - CASING/ WE	20.940.201	CAMERON	WELL HEAD	\$8,840	\$22,720						
				Total TDC:	\$208,643	\$794,534					
				Total Cumulative Well Costs:	\$260,982	\$4,031,961					

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
12/20/2012	31	15125	21 - Other	13.4	\$281,382	\$4,031,961	\$7,621,000



Well Name: UNIVERSITY 17-18 2H															
Surface Location: 400 FSWL, 567 FNWL / Bottom Hole Location: 200 FNEL, 567 FNWL - WARD, TX															
Report No:	32	Rpt T. Activity:	01 - Rig Up & Tear Down		AFE #:	PB100912									
Operation Desc:	PREPARE FOR TRUCKS				AFE Total:	\$7,621,000									
Spud Date:	11/23/2012	API Code:	4247536255			AFE DHC:	\$4,095,500								
Days from Spud:	28	Rig Supervisor 1:	TOM HICKS	713-489-1919	Daily Costs:	\$43,206									
Field Name:	EORGES (BONE S	Rig Supervisor 2:	FRED RAY	713-489-1919	This AFE DHC to Date:	\$4,075,167									
Sec/Twn/Rng:	17 / /	Tool Pusher:	() -			This AFE CWC to Date:	\$4,075,167								
Start Depth(ft):	15125	Formation:				Total Project Costs:	\$4,075,167								
Ending Depth(ft):	15125	RKB to MSL:	2690	RKB to THF:	0	Total w/ Assoc AFEs:	\$4,075,167								
TVD:	0	RKB to LMF:	0	RKB to CHF:	0	Daily Mud Costs:	\$0								
Rig Company:	NABORS DRILLIN	24 Hr. Footage:	0	Develop To:	0	Cum Mud Costs:	\$329,257								
Rig Name:	NABORS RIG #F-	Location Survey:	UNIVERSITY LAND SURVEY			Abstract:	U96								
24-Hour Summary/Remarks: NIPPLE DOWN BOPE AND JET PITS, RIG DOWN AND PREPARE TO MORT, RIG RELEASED 18:00 12/21/2012 Next Day Operations: MORT															
Surveys															
Survey No.	Survey Date	Tie In	Meas. Depth	Inclination	Azimuth	Des Azi	TVD	Vert Sect	N/S(+/-)	E/W(+/-)	DLS				
66	12/17/2012	<input type="checkbox"/>	14877	92.34	75.36	0.00	10850.35	1249.49	1249.49	3689.20	1.40				
67	12/17/2012	<input type="checkbox"/>	14972	93.86	75.45	0.00	10845.21	1273.39	1273.39	3780.99	1.60				
68	12/17/2012	<input type="checkbox"/>	15125	94.96	75.42	0.00	10833.45	1311.75	1311.75	3928.63	0.72				
Casing															
Type	Date Run	Casing Top	Set Depth	Size	Weight	Grade	Drift	Hole Size	TD	Shoe Test					
Surface	11/27/2012	30.00	4972.21	9.625	40.00	L-80	8.835	12.250	4884.00						
Stage	Reciprocate	<input type="checkbox"/>	Bump Plug	<input checked="" type="checkbox"/>	Fluid Returns			<input checked="" type="checkbox"/>	Cement Top						
	Distance	Rotate	Pressure	Hold	Description			Fill%	Circ.Vol	ft.	Determined				
1	0	<input type="checkbox"/>	0	<input checked="" type="checkbox"/>	FULL				0	0	Circulated				
	No.1	Lead, 0, 1100, 35/65 POZ, Class C, 2.09, 12.6													
	No.2	Tail, 0, 300, NEAT, Class C, 1.35, 14.8													
Stage	Reciprocate	<input type="checkbox"/>	Bump Plug	<input checked="" type="checkbox"/>	Fluid Returns			<input checked="" type="checkbox"/>	Cement Top						
	Distance	Rotate	Pressure	Hold	Description			Fill%	Circ.Vol	ft.	Determined				
2	0	<input type="checkbox"/>	0	<input checked="" type="checkbox"/>	FULL				0	0	Circulated				
	No.1	Lead, 0, 1450, CLASS C, Class C, 1.8, 13.5													
	No.2	Tail, 0, 200, CLASS C NEAT, Class C, 1.35, 14.8													
Intermediate	12/9/2012	30.80	11201.27	7.000	29.00	P-110	6.184	8.750	11215.00						
Stage	Reciprocate	<input type="checkbox"/>	Bump Plug	<input checked="" type="checkbox"/>	Fluid Returns			<input checked="" type="checkbox"/>	Cement Top						
	Distance	Rotate	Pressure	Hold	Description			Fill%	Circ.Vol	ft.	Determined				
1	0	<input type="checkbox"/>	1877	<input checked="" type="checkbox"/>	PARTIAL RETURNS			50%	0	5000	Calculated				
	No.1	Lead, 0, 800, TXI, Class H, 2.74, 11													
	No.2	Tail, 0, 400, TXI, Class H, 1.36, 13.2													
Stage	Reciprocate	<input type="checkbox"/>	Bump Plug	<input checked="" type="checkbox"/>	Fluid Returns			<input checked="" type="checkbox"/>	Cement Top						
	Distance	Rotate	Pressure	Hold	Description			Fill%	Circ.Vol	ft.	Determined				
2	0	<input type="checkbox"/>	2024	<input checked="" type="checkbox"/>				100%	0	0	Circulated				
	No.1	Lead, 0, 250, TXI, Class H, 11, 2.78													
	No.2	Tail, 0, 201, TXI, Class H, 13.2, 1.36													
Pipe on Rack	12/18/2012	10582.19	15115.00	4.500	11.60	P-110	4.000	6.250	10525.00						
BOP Test and Inspection Dates															
Last BOP Test:	11/29/2012	Days Since BOP Tested:	22		Last Inspection:										
Last BOP Drill Date:		BOP Test Due:													
Mud Properties															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
15125	16:30	13.40	13.15	46	14	23	9/16/0	9.5	0.0	0	0.00	25.5%	73.5%	1.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Lost	
0.0	10.00	0.34	0.13	0.88	147000	180	0	0.00	0.00	0	0	0.00	1/99	0	
Water Lost	LCM	ECD	FL Temp	Remarks											
0	0.0	14.7	95												
Hours Summary (Daily / Cumulative)															
Drilling	0.00 / 328	Rotating	0.00 / 328	Trips	0.00 / 146	Circulating	0.00 / 36	Down	0.00 / 1	Other	24.00 / 239				
Operations															
Start	Hrs	Code	Remarks							Start Depth	End Depth	Run			
6:00	12.00	14	NIPPLE DOWN AND JET PITS							15125	15125	NIH			
18:00	12.00	01	RIG DOWN, RIG RELEASED 18:00 , 12/21/2012							15125	15125	NIH			
Total	24.00														
Drilling Data															
Hook Load:	180	Pick Up:	200	Slack Off:	165	Over Pull:	20								
ROP:	0.00	Pres on Bot:	0	Press Off Bot:	0	Kickoff Depth:	0								
WOB:	15	Rotary RPM:	150	Motor RPM:		Torque:	11500								
BHA Hours:	0.00	Crew Status:	Remarks:												

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
12/21/2012	32	15125	01 - Rig Up & Tear Down	13.4	\$43,206	\$4,075,167	\$7,621,000



Well Name: UNIVERSITY 17-18 2H											
Mud Pumps											
Pump No	Model	Liner Size	Stroke	Max PSI	Max SPM	SPM	GPM	Press.	Slow Pump Rates/Pres.		
1		6	12	4667	115	60	0	3920	30/335	0/0	0/0
2		6	12	4667	1156	0	0	0	30/335	0/0	0/0
Personnel Data											
Company		Service		Qty.	Hours	Company		Service		Qty.	Hours
ERVIN WELLSITE CON		Fred Ray		0	0.00	New Tech Engineering		Tom Hicks		1	24.00
Totals				1.00	24.00						
Daily Cost Details											
IDC	Code	Vendor		Remarks		Daily Exp	Cum Exp				
IDC - COMPANY SUPER	20.950.020	NEW TECH GLOBAL		SUPERVISION		\$1,500	\$48,000				
IDC - ROAD & SITE CON	20.950.030						\$195,000				
IDC - DRILL - BIT & STA	20.950.101						\$58,457				
IDC - DRILL - CEMENT &	20.950.102						\$194,990				
IDC - DRILL - CONTRAC	20.950.103	NABORS F05		RIG		\$25,000	\$742,500				
IDC - DRILL - MUD & CH	20.950.104	Venture Mud		DAILY MUD			\$329,257				
IDC - DRILL - MUD & CH	20.950.104	OMEGA		CORROSION CHEMICAL		\$0	\$329,257				
IDC - DRILL - EQUIPMEN	20.950.105	Permian 2		GENERATOR		\$250	\$208,062				
IDC - DRILL - EQUIPMEN	20.950.105	SWACO		CHOKES		\$150	\$208,062				
IDC - DRILL - EQUIPMEN	20.950.105	Man Welding Services		GAS SEP		\$250	\$208,062				
IDC - DRILL - EQUIPMEN	20.950.105	ENERGY BROADBAND		PHONE, INTERCOM		\$205	\$208,062				
IDC - DRILL - EQUIPMEN	20.950.105	CAN RIG		ROCKET		\$500	\$208,062				
IDC - DRILL - EQUIPMEN	20.950.105	YOUNGS		CAMP TRAILERS		\$1,050	\$208,062				
IDC - DRILL - EQUIPMEN	20.950.105	EBI		PHONES, INTERNET, INTERC		\$205	\$208,062				
IDC - DRILL - EQUIPMEN	20.950.105	ASI		SAFETY		\$100	\$208,062				
IDC - DRILL - FUEL POW	20.950.106	WESTERN		DIESEL		\$0	\$207,367				
IDC - DRILL - HAULING	20.950.107	PACCAR		HOT SHOT EXCESS CSG & P		\$916	\$138,804				
IDC - DRILL - HAULING	20.950.107	ACS		HOT SHOT		\$750	\$138,804				
IDC - DRILL - FLUIDS	20.950.108						\$124,171				
IDC - F&C - EQUIPMENT	20.950.203						\$21,945				
IDC - F&C - SPECIAL SE	20.950.206	ENERGEN		CONTINGENCY		\$8,000	\$218,005				
						Total IDC:	\$38,876	\$3,280,633			
TDC	Code	Vendor		Remarks		Daily Exp	Cum Exp				
TDC - DE - CONDUCTO	20.940.101						\$40,000				
TDC - DE - PRODUCTIO	20.940.104						\$547,163				
TDC - DE - SURFACE CA	20.940.106						\$184,651				
TDC - SE - CASING/ WE	20.940.201						\$22,720				
						Total TDC:		\$794,534			
						Total Cumulative Well Costs:	\$38,876	\$4,075,167			

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
12/21/2012	32	15125	01 - Rig Up & Tear Down	13.4	\$43,206	\$4,075,167	\$7,621,000



Energen Resources Corp.

605 Richard Arrington Blvd.
Birmingham, AL 35205
(800) 292-4005

Drilling Report

Report No: 33
Report Date: 12/22/2012

Well Name: UNIVERSITY 17-18 2H							
Surface Location: 400 FSWL, 567 FNWL / Bottom Hole Location: 200 FNEL, 567 FNWL - WARD, TX							
Report No:	33	Rpt T. Activity:	01 - Rig Up & Tear Down		AFE #:	PB100912	
Operation Desc:	MOVE OUT NABORS F 05			AFE Total:	\$7,621,000		
Spud Date:	11/23/2012	API Code:	4247536255		AFE DHC:	\$4,095,500	
Days from Spud:	29	Rig Supervisor 1:	TOM HICKS	713-489-1919	Daily Costs:	\$36,485	
Field Name:	EORGES (BONE S	Rig Supervisor 2:	FRED RAY	713-489-1919	This AFE DHC to Date:	\$4,111,652	
Sec/Twn/Rng:	17 / /	Tool Pusher:	() -		This AFE CWC to Date:	\$4,111,652	
Start Depth(ft):	15125	Formation:			Total Project Costs:	\$4,150,503	
Ending Depth(ft):	15125	RKB to MSL:	2690	RKB to THF:	0	Total w/ Assoc AFEs:	\$4,150,503
TVD:	0	RKB to LMF:	0	RKB to CHF:	0	Daily Mud Costs:	\$0
Rig Company:	NABORS DRILLIN	24 Hr. Footage:	0	Develop To:	0	Cum Mud Costs:	\$329,257
Rig Name:	NABORS RIG #F-	Location Survey:	UNIVERSITY LAND SURVEY		Abstract:	U96	

24-Hour Summary/Remarks:
RD AND MORT 40%
Next Day Operations: MORT

Surveys											
Survey No.	Survey Date	Tie In	Meas. Depth	Inclination	Azimuth	Des Azi	TVD	Vert Sect	N/S(+/-)	E/W(+/-)	DLS
66	12/17/2012	<input type="checkbox"/>	14877	92.34	75.36	0.00	10850.35	1249.49	1249.49	3689.20	1.40
67	12/17/2012	<input type="checkbox"/>	14972	93.86	75.45	0.00	10845.21	1273.39	1273.39	3780.99	1.60
68	12/17/2012	<input type="checkbox"/>	15125	94.96	75.42	0.00	10833.45	1311.75	1311.75	3928.63	0.72

Casing												
Type	Date Run	Casing Top	Set Depth	Size	Weight	Grade	Drift	Hole Size	TD	Shoe Test		
Surface	11/27/2012	30.00	4972.21	9.625	40.00	L-80	8.835	12.250	4884.00			
Stage	Reciprocate <input type="checkbox"/>	Bump Plug <input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>	Cement Top								
	Distance	Rotate	Pressure	Hold	Description	Fill%	Circ.Vol	ft.	Determined			
1	0	<input type="checkbox"/>	0	<input checked="" type="checkbox"/>	FULL		0	0	Circulated			
	No.1	Lead, 0, 1100, 35/65 POZ, Class C, 2.09, 12.6										
	No.2	Tail, 0, 300, NEAT, Class C, 1.35, 14.8										
Stage	Reciprocate <input type="checkbox"/>	Bump Plug <input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>	Cement Top								
	Distance	Rotate	Pressure	Hold	Description	Fill%	Circ.Vol	ft.	Determined			
2	0	<input type="checkbox"/>	0	<input checked="" type="checkbox"/>	FULL		0	0	Circulated			
	No.1	Lead, 0, 1450, CLASS C, Class C, 1.8, 13.5										
	No.2	Tail, 0, 200, CLASS C NEAT, Class C, 1.35, 14.8										
Intermediate	12/9/2012	30.80	11201.27	7.000	29.00	P-110	6.184	8.750	11215.00			
Stage	Reciprocate <input type="checkbox"/>	Bump Plug <input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>	Cement Top								
	Distance	Rotate	Pressure	Hold	Description	Fill%	Circ.Vol	ft.	Determined			
1	0	<input type="checkbox"/>	1877	<input checked="" type="checkbox"/>	PARTIAL RETURNS	50%	0	5000	Calculated			
	No.1	Lead, 0, 800, TXI, Class H, 2.74, 11										
	No.2	Tail, 0, 400, TXI, Class H, 1.36, 13.2										
Stage	Reciprocate <input type="checkbox"/>	Bump Plug <input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>	Cement Top								
	Distance	Rotate	Pressure	Hold	Description	Fill%	Circ.Vol	ft.	Determined			
2	0	<input type="checkbox"/>	2024	<input checked="" type="checkbox"/>		100%	0	0	Circulated			
	No.1	Lead, 0, 250, TXI, Class H, 11, 2.78										
	No.2	Tail, 0, 201, TXI, Class H, 13.2, 1.36										
Pipe on Rack	12/18/2012	10582.19	15115.00	4.500	11.60	P-110	4.000	6.250	10525.00			

BOP Test and Inspection Dates			
Last BOP Test:	11/29/2012	Days Since BOP Tested:	23
Last BOP Drill Date:		BOP Test Due:	
Last Inspection:			

Mud Properties															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
15125	16:30	13.40	13.15	46	14	23	9/16/0	9.5	0.0	0	0.00	25.5%	73.5%	1.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Lost	
0.0	10.00	0.34	0.13	0.88	147000	180	0	0.00	0.00	0	0	0.00	1/99	0	
Water Lost	LCM	ECD	FL Temp	Remarks											
0	0.0	14.7	95												

Hours Summary (Daily / Cumulative)											
Drilling	0.00 / 328	Rotating	0.00 / 328	Trips	0.00 / 146	Circulating	0.00 / 36	Down	0.00 / 1	Other	24.00 / 263

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	24.00	01	RD AND MORT	15125	15125	NIH
Total:	24.00					

Drilling Data					
Hook Load:	180	Pick Up:	200	Slack Off:	165
ROP:	0.00	Pres on Bot:	0	Press Off Bot:	0
WOB:	15	Rotary RPM:	150	Motor RPM:	
BHA Hours:	0.00	Crew Status:		Torque:	11500
Remarks:					

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
12/22/2012	33	15125	01 - Rig Up & Tear Down	13.4	\$36,485	\$4,111,652	\$7,621,000



Well Name: UNIVERSITY 17-18 2H											
Mud Pumps											
Pump No	Model	Liner Size	Stroke	Max PSI	Max SPM	SPM	GPM	Press.	Slow Pump Rates/Pres.		
1		6	12	4667	115	60	0	3920	30/335	0/0	0/0
2		6	12	4667	1156	0	0	0	30/335	0/0	0/0
Personnel Data											
Company		Service		Qty.	Hours	Company		Service		Qty.	Hours
ERVIN WELLSITE CON		Fred Ray		0	0.00	New Tech Engineering		Tom Hicks		1	24.00
Totals				1.00	24.00						
Daily Cost Details											
IDC	Code	Vendor		Remarks		Daily Exp	Cum Exp				
IDC - COMPANY SUPER	20.950.020	NEW TECH GLOBAL		SUPERVISION		\$1,500	\$49,500				
IDC - ROAD & SITE CON	20.950.030						\$195,000				
IDC - DRILL - BIT & STA	20.950.101						\$58,457				
IDC - DRILL - CEMENT &	20.950.102						\$194,990				
IDC - DRILL - CONTRAC	20.950.103	NABORS F05		RIG		\$25,000	\$767,500				
IDC - DRILL - MUD & CH	20.950.104	Venture Mud		DAILY MUD			\$329,257				
IDC - DRILL - MUD & CH	20.950.104	OMEGA		CORROSION CHEMICAL		\$0	\$329,257				
IDC - DRILL - EQUIPMEN	20.950.105	YOUNGS		CAMP TRAILERS		\$1,050	\$210,047				
IDC - DRILL - EQUIPMEN	20.950.105	Man Welding Services		GAS SEP		\$250	\$210,047				
IDC - DRILL - EQUIPMEN	20.950.105	ASI		SAFETY		\$0	\$210,047				
IDC - DRILL - EQUIPMEN	20.950.105	Permian 1		GENERATOR		\$125	\$210,047				
IDC - DRILL - EQUIPMEN	20.950.105	ENERGY BROADBAND		PHONE, INTERCOM		\$205	\$210,047				
IDC - DRILL - EQUIPMEN	20.950.105	EBI		PHONES, INTERNET, INTERC		\$205	\$210,047				
IDC - DRILL - EQUIPMEN	20.950.105	SWACO		CHOKES		\$150	\$210,047				
IDC - DRILL - FUEL POW	20.950.106	WESTERN		DIESEL		\$0	\$207,367				
IDC - DRILL - HAULING	20.950.107						\$138,804				
IDC - DRILL - FLUIDS	20.950.108						\$124,171				
IDC - F&C - EQUIPMENT	20.950.203						\$21,945				
IDC - F&C - SPECIAL SE	20.950.206	ENERGEN		CONTINGENCY		\$8,000	\$226,005				
Total IDC:						\$36,485	\$3,317,118				
TDC	Code	Vendor		Remarks		Daily Exp	Cum Exp				
TDC - DE - CONDUCTO	20.940.101						\$40,000				
TDC - DE - PRODUCTIO	20.940.104						\$547,163				
TDC - DE - SURFACE CA	20.940.106						\$184,651				
TDC - SE - CASING/ WE	20.940.201						\$22,720				
Total TDC:							\$794,534				
Total Cumulative Well Costs:						\$36,485	\$4,111,652				

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
12/22/2012	33	15125	01 - Rig Up & Tear Down	13.4	\$36,485	\$4,111,652	\$7,621,000



Energen Resources Corp.

605 Richard Arrington Blvd.
Birmingham, AL 35205
(800) 292-4005

Drilling Report

Report No: 34
Report Date: 12/23/2012

Well Name: UNIVERSITY 17-18 2H									
Surface Location: 400 FSWL, 567 FNWL / Bottom Hole Location: 200 FNEL, 567 FNWL - WARD, TX									
Report No:	34	Rpt T. Activity:	01 - Rig Up & Tear Down		AFE #:	PB100912			
Operation Desc:	FINAL REPORT				AFE Total:	\$7,621,000			
Spud Date:	11/23/2012	API Code:	4247536255		AFE DHC:	\$4,095,500			
Days from Spud:	30	Rig Supervisor 1:	TOM HICKS	713-489-1919	Daily Costs:	\$38,851			
Field Name:	EORGES (BONE S	Rig Supervisor 2:	FRED RAY	713-489-1919	This AFE DHC to Date:	\$4,150,503			
Sec/Twn/Rng:	17 / /	Tool Pusher:	() -		This AFE CWC to Date:	\$4,150,503			
Start Depth(ft):	15125	Formation:			Total Project Costs:	\$4,150,503			
Ending Depth(ft):	15125	RKB to MSL:	2690	RKB to THF:	0	Total w/ Assoc AFEs:	\$4,150,503		
TVD:	0	RKB to LMF:	0	RKB to CHF:	0	Daily Mud Costs:	\$0		
Rig Company:	NABORS DRILLIN	24 Hr. Footage:	0	Develop To:	0	Cum Mud Costs:	\$329,257		
Rig Name:	NABORS RIG #F-	Location Survey:	UNIVERSITY LAND SURVEY		Abstract:	U96			

24-Hour Summary/Remarks:
MOVE OUT NABORS F05
Next Day Operations: FINISH A FUE SMALL LOADS

Surveys											
Survey No.	Survey Date	Tie In	Meas. Depth	Inclination	Azimuth	Des Azi	TVD	Vert Sect	N/S(+/-)	E/W(+/-)	DLS
66	12/17/2012	<input type="checkbox"/>	14877	92.34	75.36	0.00	10850.35	1249.49	1249.49	3689.20	1.40
67	12/17/2012	<input type="checkbox"/>	14972	93.86	75.45	0.00	10845.21	1273.39	1273.39	3780.99	1.60
68	12/17/2012	<input type="checkbox"/>	15125	94.96	75.42	0.00	10833.45	1311.75	1311.75	3928.63	0.72

Casing											
Type	Date Run	Casing Top	Set Depth	Size	Weight	Grade	Drift	Hole Size	TD	Shoe Test	
Surface	11/27/2012	30.00	4972.21	9.625	40.00	L-80	8.835	12.250	4884.00		
Stage	Reciprocate <input type="checkbox"/>	Bump Plug <input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>	Cement Top							
	Distance	Rotate	Pressure	Hold	Description	Fill%	Circ.Vol	ft.	Determined		
1	0	<input type="checkbox"/>	0	<input checked="" type="checkbox"/>	FULL		0	0	Circulated		
	No.1	Lead, 0, 1100, 35/65 POZ, Class C, 2.09, 12.6									
	No.2	Tail, 0, 300, NEAT, Class C, 1.35, 14.8									
Stage	Reciprocate <input type="checkbox"/>	Bump Plug <input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>	Cement Top							
	Distance	Rotate	Pressure	Hold	Description	Fill%	Circ.Vol	ft.	Determined		
2	0	<input type="checkbox"/>	0	<input checked="" type="checkbox"/>	FULL		0	0	Circulated		
	No.1	Lead, 0, 1450, CLASS C, Class C, 1.8, 13.5									
	No.2	Tail, 0, 200, CLASS C NEAT, Class C, 1.35, 14.8									
Intermediate	12/9/2012	30.80	11201.27	7.000	29.00	P-110	6.184	8.750	11215.00		
Stage	Reciprocate <input type="checkbox"/>	Bump Plug <input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>	Cement Top							
	Distance	Rotate	Pressure	Hold	Description	Fill%	Circ.Vol	ft.	Determined		
1	0	<input type="checkbox"/>	1877	<input checked="" type="checkbox"/>	PARTIAL RETURNS	50%	0	5000	Calculated		
	No.1	Lead, 0, 800, TXI, Class H, 2.74, 11									
	No.2	Tail, 0, 400, TXI, Class H, 1.36, 13.2									
Stage	Reciprocate <input type="checkbox"/>	Bump Plug <input checked="" type="checkbox"/>	Fluid Returns <input checked="" type="checkbox"/>	Cement Top							
	Distance	Rotate	Pressure	Hold	Description	Fill%	Circ.Vol	ft.	Determined		
2	0	<input type="checkbox"/>	2024	<input checked="" type="checkbox"/>		100%	0	0	Circulated		
	No.1	Lead, 0, 250, TXI, Class H, 11, 2.78									
	No.2	Tail, 0, 201, TXI, Class H, 13.2, 1.36									
Pipe on Rack	12/18/2012	10582.19	15115.00	4.500	11.60	P-110	4.000	6.250	10525.00		

BOP Test and Inspection Dates			
Last BOP Test:	11/29/2012	Days Since BOP Tested:	24
Last BOP Drill Date:		BOP Test Due:	
Last Inspection:			

Mud Properties															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
15125	16:30	13.40	13.15	46	14	23	9/16/0	9.5	0.0	0	0.00	25.5%	73.5%	1.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Lost	
0.0	10.00	0.34	0.13	0.88	147000	180	0	0.00	0.00	0	0	0.00	1/99	0	
Water Lost	LCM	ECD	FL Temp	Remarks											
0	0.0	14.7	95												

Hours Summary (Daily / Cumulative)											
Drilling	0.00 / 328	Rotating	0.00 / 328	Trips	0.00 / 146	Circulating	0.00 / 36	Down	0.00 / 1	Other	24.00 / 287

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	24.00	01	MOVE OUT NABORS F05	15125	15125	NIH
Total:	24.00					

Drilling Data							
Hook Load:	180	Pick Up:	200	Slack Off:	165	Over Pull:	20
ROP:	0.00	Pres on Bot:	0	Press Off Bot:	0	Kickoff Depth:	0
WOB:	15	Rotary RPM:	150	Motor RPM:		Torque:	11500
BHA Hours:	0.00	Crew Status:		Remarks:			

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
12/23/2012	34	15125	01 - Rig Up & Tear Down	13.4	\$38,851	\$4,150,503	\$7,621,000



Well Name: UNIVERSITY 17-18 2H											
Mud Pumps											
Pump No	Model	Liner Size	Stroke	Max PSI	Max SPM	SPM	GPM	Press.	Slow Pump Rates/Pres.		
1		6	12	4667	115	60	0	3920	30/335	0/0	0/0
2		6	12	4667	1156	0	0	0	30/335	0/0	0/0
Personnel Data											
Company		Service		Qty.	Hours	Company		Service		Qty.	Hours
ERVIN WELLSITE CON		Fred Ray		0	0.00	New Tech Engineering		Tom Hicks		1	24.00
Totals				1.00	24.00						
Daily Cost Details											
IDC	Code	Vendor		Remarks		Daily Exp	Cum Exp				
IDC - COMPANY SUPER	20.950.020	NEW TECH GLOBAL		SUPERVISION		\$1,500	\$51,000				
IDC - ROAD & SITE CON	20.950.030						\$195,000				
IDC - DRILL - BIT & STA	20.950.101						\$58,457				
IDC - DRILL - CEMENT &	20.950.102						\$194,990				
IDC - DRILL - CONTRAC	20.950.103	NABORS F05		RIG		\$25,000	\$792,500				
IDC - DRILL - MUD & CH	20.950.104	Venture Mud		DAILY MUD			\$329,257				
IDC - DRILL - MUD & CH	20.950.104	OMEGA		CORROSION CHEMICAL		\$0	\$329,257				
IDC - DRILL - EQUIPMEN	20.950.105	EBI		PHONES, INTERNET, INTERC		\$205	\$212,032				
IDC - DRILL - EQUIPMEN	20.950.105	Man Welding Services		GAS SEP		\$250	\$212,032				
IDC - DRILL - EQUIPMEN	20.950.105	YOUNGS		CAMP TRAILERS		\$1,050	\$212,032				
IDC - DRILL - EQUIPMEN	20.950.105	ENERGY BROADBAND		PHONE, INTERCOM		\$205	\$212,032				
IDC - DRILL - EQUIPMEN	20.950.105	Permian 1		GENERATOR		\$125	\$212,032				
IDC - DRILL - EQUIPMEN	20.950.105	SWACO		CHOKES		\$150	\$212,032				
IDC - DRILL - FUEL POW	20.950.106	WESTERN		DIESEL		\$0	\$207,367				
IDC - DRILL - HAULING	20.950.107	PAC CAR		HOT SHOT		\$516	\$139,320				
IDC - DRILL - FLUIDS	20.950.108						\$124,171				
IDC - F&C - EQUIPMENT	20.950.203						\$21,945				
IDC - F&C - SPECIAL SE	20.950.206	ENERGEN		CONTINGENCY		\$8,000	\$234,005				
Total IDC:						\$37,001	\$3,355,969				
TDC	Code	Vendor		Remarks		Daily Exp	Cum Exp				
TDC - DE - CONDUCTO	20.940.101						\$40,000				
TDC - DE - PRODUCTIO	20.940.104						\$547,163				
TDC - DE - SURFACE CA	20.940.106						\$184,651				
TDC - SE - CASING/ WE	20.940.201						\$22,720				
Total TDC:							\$794,534				
Total Cumulative Well Costs:						\$37,001	\$4,150,503				

Date	Report No	Depth	Report Time Activity	MW	Daily Costs	Cum Costs	AFE
12/23/2012	34	15125	01 - Rig Up & Tear Down	13.4	\$38,851	\$4,150,503	\$7,621,000



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 : 12/24/2012

Well Name : UNIVERSITY 17-18 2H						
Prospect:	Sandridge			AFE #:	PB100912	
Sec/Twp/Rge:	17 / /			AFE Total:	\$7,621,000	
API #:	4247536255	Field:	GEORGES (BONE SP	Daily Cost:	\$0	
Work Type:	Completion	County , St.:	WARD, TX	Project Cost:	\$0	
Operator:	gen Resources Corpora	Supervisor:		This AFE Cost:	\$4,150,503	
Rig Name:		Phone:		Total with Assoc:	\$4,150,503	
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0
Daily Detail :	Waiting on Completion.					
	Drilling Cost: \$4,150,503.					
	Completion Cost: \$0.00.					

Report Date	Well User ID	Well Name	Supervisor	Primary Activity	Daily Costs	Cum Costs
12/24/2012	3UNIV171802	UNIVERSITY 17-18 2H		WO Completion	\$0	\$0



Energen Resources Corp.

605 Richard Arrington Blvd.
Birmingham, AL 35205
(800) 292-4005

Wellwork AFE Daily Report

Date : 12/29/2012

Well Name : UNIVERSITY 17-18 2H						
Prospect:	Sandridge			AFE #:	PB100912	
Sec/Twp/Rge:	17 / /			AFE Total:	\$7,621,000	
API #:	4247536255	Field:	GEORGES (BONE SP	Daily Cost:	\$2,840	
Work Type:	Completion	County , St.:	WARD, TX	Project Cost:	\$489,680	
Operator:	Energen Resources Corp.	Supervisor:	Jacinto Banda	This AFE Cost:	\$4,655,013	
Rig Name:		Phone:		Total with Assoc:	\$4,655,013	
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0
Daily Detail :	Morning Report for 12/29/12 - Operations for 12/28/12 12/28/12 Ran CBL					

Daily Cost Details					
Cost Type	Code	Vendor	Remarks	Daily Exp	Cum Exp
IDC - COMPANY SUPER	20.950.020	Contract Supervision	Consultant	\$1,500	\$3,000
IDC - F&C - EQUIPMENT	20.950.203	BTI	Frac stack/sandtrap/BOPE/ Ma	\$0	\$252,680
IDC - F&C - EQUIPMENT	20.950.203	Crown Equipment	Porta Potys	\$40	\$252,680
IDC - F&C - EQUIPMENT	20.950.203	Light Tower Rentals	Trailer/generator/phone	\$1,000	\$252,680
IDC - F&C - EQUIPMENT	20.950.203	Mico Services, LLC	Forklift/ manlift	\$300	\$252,680
IDC - F&C - SPECIAL SE	20.950.206	J & S Construction	Blade location/ clean location	\$0	\$7,000
Total for IDC:				\$2,840	\$487,680
Daily / Well Cumulative Total:				\$2,840	
Total Project Cost:					\$489,680

Report Date	Well User ID	Well Name	Supervisor	Primary Activity	Daily Costs	Cum Costs
12/29/2012	3UNIV171802	UNIVERSITY 17-18 2H	Jacinto Banda	Cement Bond Log	\$2,840	\$489,680



Energen Resources Corp.

605 Richard Arrington Blvd.
Birmingham, AL 35205
(800) 292-4005

RESOURCES

Wellwork AFE Daily Report

Date : 12/30/2012

Well Name : UNIVERSITY 17-18 2H						
Prospect:	Sandridge			AFE #:	PB100912	
Sec/Twp/Rge:	17 / /			AFE Total:	\$7,621,000	
API #:	4247536255	Field:	GEORGES (BONE SP	Daily Cost:	\$11,990	
Work Type:	Completion	County , St.:	WARD, TX	Project Cost:	\$501,670	
Operator:	gen Resources Corpora	Supervisor:	Jacinto Banda	This AFE Cost:	\$4,655,013	
Rig Name:		Phone:		Total with Assoc:	\$4,655,013	
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0
Daily Detail :	Morning report for 12/30/12 - Operations for 12/29/12 12/29/12 SICP @ 0 PSI. NU frac stack & torque to specs. MIRU Petroplex frac pump truck tie into frac cross. Pressure test lines to 9000 PSI. Load & test frac stack to 8500 PSI. Checked for leaks, test good. Opened up master valve & load well. 3bbls to load. Set liner packers by pressuring up in 1000 PSI increments stopping & holding for 1 minute every 1000 PSI. Worked pressure up to 3500 PSI & held for 30 min. Worked pressure up to 4500 PSI held for 15 min. Worked pressure up to 6500 PSI, pressure sleeve opened & broke back to 3400 PSI. Increased rate to 5 BPM and established injection rate for 20bbls @ 3800 PSI. Shut down ISIP 3680 PSI 5 min @ 3579 PSI, 10 min @ 3529 PSI, 15 min @ 3499 PSI. FCP @ 3499 PSI. RD pump & released. Plans for Sunday: WSI WO Frac					

Daily Cost Details					
Cost Type	Code	Vendor	Remarks	Daily Exp	Cum Exp
IDC - COMPANY SUPER	20.950.020	Contract Supervision	Consultant	\$1,500	\$4,500
IDC - F&C - EQUIPMENT	20.950.203	BTI	Frac stack/sandtrap/BOPE/ Ma	\$0	\$254,020
IDC - F&C - EQUIPMENT	20.950.203	Crown Equipment	Porta Potys	\$40	\$254,020
IDC - F&C - EQUIPMENT	20.950.203	Light Tower Rentals	Trailer/generator/phone	\$1,000	\$254,020
IDC - F&C - EQUIPMENT	20.950.203	Mico Services, LLC	Forklift/ manlift	\$300	\$254,020
IDC - F&C - SPECIAL SE	20.950.206	J & S Construction	Blade location/ clean location	\$0	\$15,500
IDC - F&C - SPECIAL SE	20.950.206	PetroPlex Acidizing	Open frac sleeve	\$8,500	\$15,500
IDC - F&C - WATER/CO	20.950.210	Reliable Transportation	Transport truck	\$650	\$200,650
Total for IDC:				\$11,990	\$499,670
Daily / Well Cumulative Total:				\$11,990	
Total Project Cost:					\$501,670

Report Date	Well User ID	Well Name	Supervisor	Primary Activity	Daily Costs	Cum Costs
12/30/2012	3UNIV171802	UNIVERSITY 17-18 2H	Jacinto Banda	open frac sleeve	\$11,990	\$501,670



Energen Resources Corp.

605 Richard Arrington Blvd.
 Birmingham, AL 35205
 (800) 292-4005

Wellwork AFE Daily Report

Date : 12/31/2012

Well Name : UNIVERSITY 17-18 2H						
Prospect:	Sandridge			AFE #:	PB100912	
Sec/Twp/Rge:	17 / /			AFE Total:	\$7,621,000	
API #:	4247536255	Field:	GEORGES (BONE SP	Daily Cost:	\$2,840	
Work Type:	Completion	County , St.:	WARD, TX	Project Cost:	\$504,510	
Operator:	Energen Resources Corp.	Supervisor:	Jacinto Banda	This AFE Cost:	\$4,655,013	
Rig Name:		Phone:		Total with Assoc:	\$4,655,013	
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0
Daily Detail :	Morning Report for 12/31/12 - Operations for 12/30/12 12/30/12 WSI no activities WO Frac Plans for Monday: WSI WO Frac					

Daily Cost Details					
Cost Type	Code	Vendor	Remarks	Daily Exp	Cum Exp
IDC - COMPANY SUPER	20.950.020	Contract Supervision	Consultant	\$1,500	\$6,000
IDC - F&C - EQUIPMENT	20.950.203	BTI	Frac stack/sandtrap/BOPE/ Ma	\$0	\$255,360
IDC - F&C - EQUIPMENT	20.950.203	Crown Equipment	Porta Potys	\$40	\$255,360
IDC - F&C - EQUIPMENT	20.950.203	Light Tower Rentals	Trailer/generator/phone	\$1,000	\$255,360
IDC - F&C - EQUIPMENT	20.950.203	Mico Services, LLC	Forklift/ manlift	\$300	\$255,360
IDC - F&C - SPECIAL SE	20.950.206	J & S Construction	Blade location/ clean location	\$0	\$15,500
Total for IDC:				\$2,840	\$502,510
Daily / Well Cumulative Total:				\$2,840	
Total Project Cost:					\$504,510

Report Date	Well User ID	Well Name	Supervisor	Primary Activity	Daily Costs	Cum Costs
12/31/2012	3UNIV171802	UNIVERSITY 17-18 2H	Jacinto Banda	WSI WO frac	\$2,840	\$504,510



Energen Resources Corp.

605 Richard Arrington Blvd.
Birmingham, AL 35205
(800) 292-4005

Wellwork AFE Daily Report

Date : 1/5/2013

Well Name : UNIVERSITY 17-18 2H						
Prospect:	Sandridge			AFE #:	PB100912	
Sec/Twp/Rge:	17 / /			AFE Total:	\$7,621,000	
API #:	4247536255	Field:	GEORGES (BONE SP	Daily Cost:	\$2,840	
Work Type:	Completion	County , St.:	WARD, TX	Project Cost:	\$518,710	
Operator:	Energen Resources Corp.	Supervisor:	Jacinto Banda	This AFE Cost:	\$4,672,053	
Rig Name:		Phone:		Total with Assoc:	\$4,672,053	
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0
Daily Detail :	Morning Report for 1/5/13 - Operations for 1/4/13 1/4/13 WSI no activities WO Frac Plans for Saturday: WSI WO Frac					

Daily Cost Details					
Cost Type	Code	Vendor	Remarks	Daily Exp	Cum Exp
IDC - COMPANY SUPER	20.950.020	Contract Supervision	Consultant	\$1,500	\$13,500
IDC - F&C - EQUIPMENT	20.950.203	BTI	Frac stack/sandtrap/BOPE/ Ma	\$0	\$262,060
IDC - F&C - EQUIPMENT	20.950.203	Crown Equipment	Porta Potys	\$40	\$262,060
IDC - F&C - EQUIPMENT	20.950.203	Light Tower Rentals	Trailer/generator/phone	\$1,000	\$262,060
IDC - F&C - EQUIPMENT	20.950.203	Mico Services, LLC	Forklift/ manlift	\$300	\$262,060
IDC - F&C - SPECIAL SE	20.950.206	J & S Construction	Blade location/ clean location	\$0	\$15,500
Total for IDC:				\$2,840	\$516,710
Daily / Well Cumulative Total:				\$2,840	
Total Project Cost:					\$518,710

Report Date	Well User ID	Well Name	Supervisor	Primary Activity	Daily Costs	Cum Costs
1/5/2013	3UNIV171802	UNIVERSITY 17-18 2H	Jacinto Banda	WO Frac	\$2,840	\$518,710



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R E S O U R C E S

Wellwork AFE Daily Report

Date : 1/6/2013

Well Name : UNIVERSITY 17-18 2H						
Prospect:	Sandridge			AFE #:	PB100912	
Sec/Twp/Rge:	17 / /			AFE Total:	\$7,621,000	
API #:	4247536255	Field:	GEORGES (BONE SP	Daily Cost:	\$2,840	
Work Type:	Completion	County , St.:	WARD, TX	Project Cost:	\$521,550	
Operator:	Energen Resources Corp.	Supervisor:	Jacinto Banda	This AFE Cost:	\$4,672,053	
Rig Name:		Phone:		Total with Assoc:	\$4,672,053	
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0
Daily Detail :	Morning Report for 1/6/13 - Operations for 1/5/13					
	WSI WO Frac					
	Plans for Sunday: WSI WO Frac					

Daily Cost Details					
Cost Type	Code	Vendor	Remarks	Daily Exp	Cum Exp
IDC - COMPANY SUPER	20.950.020	Contract Supervision	Consultant	\$1,500	\$15,000
IDC - F&C - EQUIPMENT	20.950.203	BTI	Frac stack/sandtrap/BOPE/ Ma	\$0	\$263,400
IDC - F&C - EQUIPMENT	20.950.203	Crown Equipment	Porta Potys	\$40	\$263,400
IDC - F&C - EQUIPMENT	20.950.203	Light Tower Rentals	Trailer/generator/phone	\$1,000	\$263,400
IDC - F&C - EQUIPMENT	20.950.203	Mico Services, LLC	Forklift/ manlift	\$300	\$263,400
IDC - F&C - SPECIAL SE	20.950.206	J & S Construction	Blade location/ clean location	\$0	\$15,500
Total for IDC:				\$2,840	\$519,550
Daily / Well Cumulative Total:				\$2,840	
Total Project Cost:					\$521,550

Report Date	Well User ID	Well Name	Supervisor	Primary Activity	Daily Costs	Cum Costs
1/6/2013	3UNIV171802	UNIVERSITY 17-18 2H	Jacinto Banda	WO Frac	\$2,840	\$521,550



Well Name : UNIVERSITY 17-18 2H						
Prospect:	Sandridge			AFE #:	PB100912	
Sec/Twp/Rge:	17 / /			AFE Total:	\$7,621,000	
API #:	4247536255	Field:	GEORGES (BONE SP	Daily Cost:	\$25,040	
Work Type:	Completion	County , St.:	WARD, TX	Project Cost:	\$1,376,610	
Operator:	gen Resources Corpora	Supervisor:	Jacinto Banda	This AFE Cost:	\$5,527,113	
Rig Name:		Phone:		Total with Assoc:	\$5,527,113	
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0

Daily Detail :	
	<p>Morning Report for 1/15/13 - Operations for 1/14/13 1/14/13 Flowed back well last from 0600hrs to 0800hrs through manifold on a 12/64 choke. Csg pressure @ 3000 PSI. SIW @ 0800 hrs MIRU Baker Atlas WL truck, Oil States 10k lubricator, & Gibson 90 ton crane. MU 6.10" OD guage ring & junk basket. Held PJSM Open well & RIH w/ GR & JB. Tagged & 4671' picked up several times and go back down but tool would not go through. POOH LD GR & JB, change out GR to a 6.00" OD guage ring. RIH but tagged @ 4671' again tool kept getting hung, POOH LD tools RD WL truck lubricator & crane MOL. Opened well to test tank through manifold @ 1400hrs on a 12/64 choke. CP @ 3600 PSI Flowback hand noticed rates were off & checked choke stem. Found choke stem to be cracked, replaced & reopened well on a 12/64 choke CP @ 3350 PSI Avg H2O rate @ 60 BPH. Total H2O recovered 1023bbbls. No oil, no gas, no sand at this time. Initial frac load 25,571bbbls, LYTR: 20,401bbbls. Plans for Monday: RU 2" CTU Dress DV Tool w/ 6 1/8" Mill</p>

Daily Cost Details					
Cost Type	Code	Vendor	Remarks	Daily Exp	Cum Exp
IDC - COMPANY SUPER	20.950.020	Contract Supervision	Consultant	\$1,500	\$28,500
IDC - F&C - EQUIPMENT	20.950.203	BTI	Frac stack/sandtrap/BOPE/ Ma	\$0	\$275,460
IDC - F&C - EQUIPMENT	20.950.203	Crown Equipment	Porta Potys	\$40	\$275,460
IDC - F&C - EQUIPMENT	20.950.203	Light Tower Rentals	Trailer/generator/phone	\$1,000	\$275,460
IDC - F&C - EQUIPMENT	20.950.203	Mico Services, LLC	Forklift/ manlift	\$300	\$275,460
IDC - F&C - SPECIAL SE	20.950.206	Baker Atlas Wireline	Wireline Truck	\$7,100	\$60,500
IDC - F&C - SPECIAL SE	20.950.206	Gibson	90 ton crane	\$5,500	\$60,500
IDC - F&C - SPECIAL SE	20.950.206	J & S Construction	Blade location/ clean location	\$0	\$60,500
IDC - F&C - SPECIAL SE	20.950.206	Oil States	10k Lubricator	\$9,600	\$60,500
IDC - F&C - WATER/CO	20.950.210	Reliable Transportation	Transport Trucks	\$0	\$212,650
Total for IDC:				\$25,040	\$1,374,610
Daily / Well Cumulative Total:				\$25,040	
Total Project Cost:					\$1,376,610

Report Date	Well User ID	Well Name	Supervisor	Primary Activity	Daily Costs	Cum Costs
1/15/2013	3UNIV171802	UNIVERSITY 17-18 2H	Jacinto Banda	Lubricate packer	\$25,040	\$1,376,610



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Wellwork AFE Daily Report

Date : 1/19/2013

Well Name : UNIVERSITY 17-18 2H						
Prospect:	Sandridge			AFE #:	PB100912	
Sec/Twp/Rge:	17 / /			AFE Total:	\$7,621,000	
API #:	4247536255	Field:	GEORGES (BONE SP	Daily Cost:	\$28,140	
Work Type:	Completion	County , St.:	WARD, TX	Project Cost:	\$1,568,770	
Operator:	gen Resources Corpora	Supervisor:	Jacinto Banda	This AFE Cost:	\$5,724,613	
Rig Name:		Phone:		Total with Assoc:	\$5,724,613	
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0
Daily Detail :	Morning Report for 1/19/13 - Operations for 1/18/13 1/18/13 0700 hrs Csg pressure @ 0 PSI, Tbg pressure 0 PSI. Held PJSM MIRU Reliable Transportation pump truck to Csg. Circulated 340bbls Pkr fluid around wellbore @ 2.5 BPM @ 850 PSI. MU Tbg hanger, RIH latched PKR & landed hanger with 10k tension. Pressure tested Csg to 1000 PSI held for 15 min. No bleed off. ND BOPE & Frac valve. NU production tree tested seal to 3000 PSI 15 min. No bleed off. Torqued bolts according to specs. MIRU Precision Pressure Data slick line truck & perforating tool. Tested lubricator to 4000 PSI, RIH tagged top of PKR @ 10,493' Pressured up to 2800 PSI & ruptured disk in PKR. POOH LD tool & RD slick line truck. Rigged up line to manifold & opened well @ 1600 hrs. CP @ 3100 PSI on a 12/64 choke. Recovered 850bbls H2O. no signs of sand gas or oil at this time. Original frac load: 25,571bbls LYTR: 18,421bbls Plans for Saturday: Flowtest					

Daily Cost Details					
Cost Type	Code	Vendor	Remarks	Daily Exp	Cum Exp
IDC - COMPANY SUPER	20.950.020	Contract Supervision	Consultant	\$1,500	\$34,500
IDC - F&C - EQUIPMENT	20.950.203	BTI	Frac stack/sandtrap/BOPE/ Ma	\$0	\$280,820
IDC - F&C - EQUIPMENT	20.950.203	Crown Equipment	Porta Potys	\$40	\$280,820
IDC - F&C - EQUIPMENT	20.950.203	Light Tower Rentals	Trailer/generator/phone	\$1,000	\$280,820
IDC - F&C - EQUIPMENT	20.950.203	Mico Services, LLC	Forklift/ manlift	\$300	\$280,820
IDC - F&C - HAULING &	20.950.205	Synergy Services	Delivery of Christmas Tree	\$400	\$7,900
IDC - F&C - SPECIAL SE	20.950.206	J & S Construction	Blade location/ clean location	\$0	\$78,500
IDC - F&C - COMPLETIO	20.950.208	Viva Energy Services	Pulling unit	\$4,500	\$15,000
IDC - F&C - WATER/CO	20.950.210	Reliable Transportation	Transport Trucks	\$4,000	\$228,650
IDC - F&C - DOWNHOLE	20.950.211	Whitaker Oil Tools	7" Production Pkr/ Service han	\$7,500	\$31,500
IDC - F&C - SURFACE R	20.950.212	GR Laydown Machine	Laydown Machine	\$2,400	\$2,400
Total for IDC:				\$21,640	\$1,495,270
TDC - DE - OTHER EQUI	20.940.103	Cameron	Christmas Tree	\$6,500	\$6,500
Total for TDC:				\$6,500	\$1,568,770
Daily / Well Cumulative Total:				\$28,140	
Total Project Cost:					\$1,568,770

Report Date	Well User ID	Well Name	Supervisor	Primary Activity	Daily Costs	Cum Costs
1/19/2013	3UNIV171802	UNIVERSITY 17-18 2H	Jacinto Banda	NU Christmas Tree	\$28,140	\$1,568,770



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R E S O U R C E S

Wellwork AFE Daily Report

Date : 1/20/2013

Well Name : UNIVERSITY 17-18 2H						
Prospect:	Sandridge			AFE #:	PB100912	
Sec/Twp/Rge:	17 / /			AFE Total:	\$7,621,000	
API #:	4247536255	Field:	GEORGES (BONE SP	Daily Cost:	\$5,340	
Work Type:	Completion	County , St.:	WARD, TX	Project Cost:	\$1,574,110	
Operator:	Energen Resources Corp.	Supervisor:	Jacinto Banda	This AFE Cost:	\$5,724,613	
Rig Name:		Phone:		Total with Assoc:	\$5,724,613	
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0
Daily Detail :	Morning Report for 1/20/13 - Operations for 1/19/13 1/19/13 Flowed back well through manifold on a 12/64 choke until 1500 hrs. CP @ 3600 PSI. Avg H2O @ 65 BPH. Began flowing through test separator @ 1500 hrs, opened well to a 14/64 choke. Started to see oil but very foamy and difficult to get accurate readings. Ordered de-foamer to add & help guage readings. CP @ 3400 PSI. Avg H2O 53 BPH Total H2O 24 hrs 1432bbls. Avg oil 10 BPH Total oil 24hrs 148bbls. Gas rate @ 1.30 MMCFD Not seeing sand at this point. Original frac load 25,571bbls LYTR: 16,989bbls (33% recovered) Plans for Sunday: Flow Test					

Daily Cost Details					
Cost Type	Code	Vendor	Remarks	Daily Exp	Cum Exp
IDC - COMPANY SUPER	20.950.020	Contract Supervision	Consultant	\$1,500	\$36,000
IDC - F&C - EQUIPMENT	20.950.203	BTI	Frac stack/sandtrap/BOPE/ Ma	\$0	\$282,160
IDC - F&C - EQUIPMENT	20.950.203	Crown Equipment	Porta Potys	\$40	\$282,160
IDC - F&C - EQUIPMENT	20.950.203	Light Tower Rentals	Trailer/generator/phone	\$1,000	\$282,160
IDC - F&C - EQUIPMENT	20.950.203	Mico Services, LLC	Forklift/ manlift	\$300	\$282,160
IDC - F&C - SPECIAL SE	20.950.206	J & S Construction	Blade location/ clean location	\$0	\$78,500
IDC - F&C - WATER/CO	20.950.210	Reliable Transportation	Transport Trucks	\$2,500	\$231,150
Total for IDC:				\$5,340	\$1,500,610
Daily / Well Cumulative Total:				\$5,340	
Total Project Cost:					\$1,574,110

Report Date	Well User ID	Well Name	Supervisor	Primary Activity	Daily Costs	Cum Costs
1/20/2013	3UNIV171802	UNIVERSITY 17-18 2H	Jacinto Banda	Flow Test	\$5,340	\$1,574,110



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RESOURCES

Wellwork AFE Daily Report

Date : 1/24/2013

Well Name : UNIVERSITY 17-18 2H						
Prospect:	Sandridge			AFE #:	PB100912	
Sec/Twp/Rge:	17 / /			AFE Total:	\$7,621,000	
API #:	4247536255	Field:	GEORGES (BONE SP	Daily Cost:	\$10,340	
Work Type:	Completion	County , St.:	WARD, TX	Project Cost:	\$1,635,470	
Operator:	gen Resources Corpora	Supervisor:	Jacinto Banda	This AFE Cost:	\$5,796,313	
Rig Name:		Phone:		Total with Assoc:	\$5,796,313	
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0
Daily Detail :	Morning Report for 1/24/13 - Operations for 1/23/13 1/23/13 Flowed back well last 24hrs through test separator on 24/64 choke. Tubing Pressure at 2400 PSI Avg H2O @ 56 BPH Total H2O 24 hrs 1361 bbls. Avg oil 36 BPH Total 875 bbls oil. Original frac load 25,571 bbls, LYTR: 9078 bbls 64% of load recovered. Gas spot rate @ 2.100 MMCFD No sand. Oil on location -1863 bbls Plans for Thursday: Drop choke to 20/64. Switch well to battery.					

Daily Cost Details					
Cost Type	Code	Vendor	Remarks	Daily Exp	Cum Exp
IDC - COMPANY SUPER	20.950.020	Contract Supervision	Consultant	\$1,500	\$42,000
IDC - F&C - EQUIPMENT	20.950.203	BTI	Frac stack/sandtrap/BOPE/ Ma	\$5,000	\$327,520
IDC - F&C - EQUIPMENT	20.950.203	Crown Equipment	Porta Potys	\$40	\$327,520
IDC - F&C - EQUIPMENT	20.950.203	Light Tower Rentals	Trailer/generator/phone	\$1,000	\$327,520
IDC - F&C - EQUIPMENT	20.950.203	Mico Services, LLC	Forklift/ manlift	\$300	\$327,520
IDC - F&C - SPECIAL SE	20.950.206	J & S Construction	Blade location/ clean location	\$0	\$78,500
IDC - F&C - WATER/CO	20.950.210	Reliable Transportation	Transport Trucks	\$2,500	\$241,150
Total for IDC:				\$10,340	\$1,561,970
Daily / Well Cumulative Total:				\$10,340	
Total Project Cost:					\$1,635,470

Report Date	Well User ID	Well Name	Supervisor	Primary Activity	Daily Costs	Cum Costs
1/24/2013	3UNIV171802	UNIVERSITY 17-18 2H	Jacinto Banda	Flow testing	\$10,340	\$1,635,470



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R E S O U R C E S

Wellwork AFE Daily Report

Date : 1/25/2013

Well Name : UNIVERSITY 17-18 2H						
Prospect:	Sandridge			AFE #:	PB100912	
Sec/Twp/Rge:	17 / /			AFE Total:	\$7,621,000	
API #:	4247536255	Field:	GEORGES (BONE SP	Daily Cost:	\$10,340	
Work Type:	Completion	County , St.:	WARD, TX	Project Cost:	\$1,645,810	
Operator:	Energen Resources Corp.	Supervisor:	Jacinto Banda	This AFE Cost:	\$5,796,313	
Rig Name:		Phone:		Total with Assoc:	\$5,796,313	
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0
Daily Detail :	<p>Morning Report for 1/25/13 - Operations for 1/24/13 1/23/13 Flowed back well last 24hrs through test separator on 24/64 choke. Tubing Pressure at 2200 PSI Flowed 1531 bbls of water at avg of 63 BPH .. Flowed 671 bbls of oil at avg oil 30 BPH .I. Original frac load 25,571 bbls, LYTR: 7565 bbls 70% of load recovered. Gas spot rate @ 1.300 MCFD No sand. Oil on location -2351 bbls Sold 1- load of oil. #1096432 183 bbls. Plans for Friday: Drop choke to 20/64. Switch well to battery. Last report</p>					

Daily Cost Details					
Cost Type	Code	Vendor	Remarks	Daily Exp	Cum Exp
IDC - COMPANY SUPER	20.950.020	Contract Supervision	Consultant	\$1,500	\$43,500
IDC - F&C - EQUIPMENT	20.950.203	BTI	Frac stack/sandtrap/BOPE/ Ma	\$5,000	\$333,860
IDC - F&C - EQUIPMENT	20.950.203	Crown Equipment	Porta Potys	\$40	\$333,860
IDC - F&C - EQUIPMENT	20.950.203	Light Tower Rentals	Trailer/generator/phone	\$1,000	\$333,860
IDC - F&C - EQUIPMENT	20.950.203	Mico Services, LLC	Forklift/ manlift	\$300	\$333,860
IDC - F&C - SPECIAL SE	20.950.206	J & S Construction	Blade location/ clean location	\$0	\$78,500
IDC - F&C - WATER/CO	20.950.210	Reliable Transportation	Transport Trucks	\$2,500	\$243,650
Total for IDC:				\$10,340	\$1,572,310
Daily / Well Cumulative Total:				\$10,340	
Total Project Cost:					\$1,645,810

Report Date	Well User ID	Well Name	Supervisor	Primary Activity	Daily Costs	Cum Costs
1/25/2013	3UNIV171802	UNIVERSITY 17-18 2H	Jacinto Banda	Turn over to production	\$10,340	\$1,645,810



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R E S O U R C E S

Wellwork AFE Daily Report

Date : 3/25/2013

Well Name : UNIVERSITY 17-18 2H						
Prospect:	Sandridge			AFE #:	PB100912	
Sec/Twp/Rge:	17 / /			AFE Total:	\$7,621,000	
API #:	4247536255	Field:	GEORGES (BONE SP	Daily Cost:	\$12,872	
Work Type:	Construction	County , St.:	WARD, TX	Project Cost:	\$12,872	
Operator:	gen Resources Corpora	Supervisor:	BILL VOCKE	This AFE Cost:	\$5,809,185	
Rig Name:		Phone:	505-330-2519	Total with Assoc:	\$5,809,185	
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0
Daily Detail : PARTS AND LABOR						

Daily Cost Details					
Cost Type	Code	Vendor	Remarks	Daily Exp	Cum Exp
TDC - AFC - GATHERIN	20.940.303	S&R Roustabouts	LABOR	\$12,872	\$12,872
Total for TDC:				\$12,872	\$12,872
Daily / Well Cumulative Total:				\$12,872	
Total Project Cost:					\$12,872

Report Date	Well User ID	Well Name	Supervisor	Primary Activity	Daily Costs	Cum Costs
3/25/2013	3UNIV171802	UNIVERSITY 17-18 2H	BILL VOCKE	Setting Facilities	\$12,872	\$12,872