



Energen Resources Corp.

605 Richard Arrington Blvd.

Birmingham, AL 35205

(800) 292-4005

R E S O U R C E S

Drilling Chronological

Well Name: UNIVERSITY 20 #4701																	
Field Name:	AR-WINK , S. (WOLFCAM)				S/T/R:	47//				County, State:	WARD, TX						
Operator:	Energen Resources Corporation				Location Desc:	47, UL Survey Ward County				District:	PB MID						
Project AFE:	PB100308				AFEs Associated:	/ / /											
Daily Summary																	
Activity Date :	10/28/2008		Days From Spud :	-1		Current Depth :	0 Ft		24 Hr. Footage Made :	0 Ft							
Formation :						Weather:											
Rig Company :						Rig Name:											
Daily Cost:	\$61,726			Cum DHC:	\$61,726			Total Well Cost:	\$61,726								
Operations																	
Start	Hrs	Code	Remarks							Start Depth	End Depth	Run					
6:00	18.00	01	Move Rig & Rig Up							0	0	NIH					
0:00	6.00	01	Rig Up							0	0	NIH					
Total:	24.00																
Daily Summary																	
Activity Date :	10/29/2008		Days From Spud :	1		Current Depth :	324 Ft		24 Hr. Footage Made :	324 Ft							
Formation :	Redbed					Weather:											
Rig Company :						Rig Name:											
Daily Cost:	\$36,006			Cum DHC:	\$97,732			Total Well Cost:	\$97,732								
Operations																	
Start	Hrs	Code	Remarks							Start Depth	End Depth	Run					
6:00	13.00	01	Finish Rig Up, Weld Conductor, Mix Spud Mud							0	0	NIH					
19:00	4.50	21	Make Up Bit & BHA							0	0	NIH					
23:30	6.50	02	Drill 17 1/2 Surface Hole							70	324	2					
Total:	24.00																
Mud Properties																	
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand		
324		8.70	8.70	36	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 Loss			
0.0	0.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0	0	0.00		0			
Water Loss	LCM	ECD	FL Temp				Remarks										
0	0.0	0.0	0														

Well Name:UNIVERSITY 20 #4701																
Field Name:		AR-WINK , S. (WOLFCAM)			S/T/R:		47//			County,State:		WARD, TX				
Operator:		ergen Resources Corporati			Location Desc:		47, UL Survey Ward County			District:		PB MID				
Daily Summary																
Activity Date :		10/30/2008		Days From Spud :		2		Current Depth :		1093 Ft		24 Hr. Footage Made :		769 Ft		
Formation :		Surface					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$19,405			Cum DHC:			\$117,137			Total Well Cost:		\$117,137			
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	4.00	02	Drilling f/ 324 t/ 415									324	415	2		
10:00	0.75	07	Rig Service & Wireline Survey									415	415	2		
10:45	4.50	02	Drilling f/415 t/ 597									415	597	2		
15:00	0.50	10	Wireline Survey									597	597	2		
15:30	6.50	02	Drilling f/597 t/ 844									597	844	2		
22:00	0.50	10	Wireline Survey									844	844	2		
22:30	7.50	02	Drilling f/ 844 t/ 1093									844	1093	2		
Total:	24.25															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
1093	6:00	9.50	9.50	36	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 Loss		
0.0	0.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0	0	0.00		0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	0.0	0													
Daily Summary																
Activity Date :		10/31/2008		Days From Spud :		3		Current Depth :		1168 Ft		24 Hr. Footage Made :		75 Ft		
Formation :							Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$168,769			Cum DHC:			\$285,906			Total Well Cost:		\$285,906			
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	3.50	02	Drilling f/ 1093 t/ 1168 TD									1093	1168	2		
9:30	0.50	10	Wireline Survey @ TD									1168	1168	2		
10:00	1.00	05	Circulate and Pump Sweep									1168	1168	2		
11:00	5.50	06	TOH for surface csg.& break bit off									1168	1168	2		
16:30	1.25	06	Rig up L/D Truck & L/D BHA									1168	1168	2		
17:45	0.75	12	Rig up Csg Crew & hold safety meeting									1168	1168	2		
18:30	4.00	12	Run 13 3/8 Csg.									1168	1168	2		
22:30	1.25	05	Circulate R/D Csg crew, R/U cementers									1168	1168	2		
23:45	2.75	12	Cement 13 1/2 csg. Plug did not hold									1168	1168	2		
2:30	3.50	13	Wait on Cement									1168	1168	2		
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
					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 Loss		
0.0	0.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0	0	0.00		0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	0.0														

Well Name: UNIVERSITY 20 #4701																
Field Name:		AR-WINK , S. (WOLFCAM)			S/T/R:		47//			County, State:		WARD, TX				
Operator:		Ergen Resources Corporati			Location Desc:		47, UL Survey Ward County			District:		PB MID				
Daily Summary																
Activity Date :		11/1/2008		Days From Spud :		4		Current Depth :		1168 Ft		24 Hr. Footage Made :		0 Ft		
Formation :							Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$20,975			Cum DHC:			\$306,881			Total Well Cost:		\$306,881			
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	4.50	13	Hold pressure on csg.									1168	1168	NIH		
10:30	11.00	21	Dig Cement out of cellar to cut off and weld well head									1168	1168	NIH		
21:30	4.50	14	Cut off conductor and csg weld well head (test to 500# holding)									1168	1168	NIH		
2:00	4.00	14	Pick up and nipple up spools, with rotating head									1168	1168	NIH		
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
1168					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 Loss		
0.0	0.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0	0	0.00		0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	0.0														
Daily Summary																
Activity Date :		11/2/2008		Days From Spud :		5		Current Depth :		1365 Ft		24 Hr. Footage Made :		197 Ft		
Formation :		Anhy					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$22,404			Cum DHC:			\$329,285			Total Well Cost:		\$329,285			
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	6.50	14	Weld on flow line flange Finish nipple up drilling spools									1168	1168	NIH		
12:30	5.50	06	M/U Bit, Pick up BHA, TIH.									1168	1168	2		
18:00	4.00	08	Clean Cement out of flow line.									1168	1168	2		
22:00	3.00	02	Drilling cement & plug									1168	1168	2		
1:00	5.00	02	Drilling f/ 1168 t/ 1365									1168	1365	2		
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
1442	6:00	9.90	10.00	30	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 Loss		
0.0	9.50	0.00	0.00	0.00	0	0	0	0.00	0.00	0	0	0.00		0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	0.0														

Well Name:UNIVERSITY 20 #4701																
Field Name:		AR-WINK , S. (WOLFCAM)			S/T/R:		47//			County,State:		WARD, TX				
Operator:		ergen Resources Corporati			Location Desc:		47, UL Survey Ward County			District:		PB MID				
Daily Summary																
Activity Date :		11/3/2008		Days From Spud :		6		Current Depth :		2080 Ft		24 Hr. Footage Made :		715 Ft		
Formation :		Anhy					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$18,946			Cum DHC:			\$348,231			Total Well Cost:		\$348,231			
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	2.50	02	Drilling f/ 1365 t/1410										1365	1410	2	
8:30	0.50	10	WLS @ 1331 .5 Degrees										1410	1410	2	
9:00	8.50	02	Drilling f/ 1410 t/ 1664										1410	1664	2	
17:30	0.50	10	WLS @ 1585 1 Degree										1664	1664	2	
18:00	6.00	02	Drilling f/ 1664 t/1884										1664	1884	2	
0:00	0.50	10	WLS @ 1805										1884	1884	2	
0:30	5.50	02	Drilling f/ 1884 t/2080										1884	2080	2	
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
2032	5:00	10.10	10.10	29	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 Loss		
0.0	9.50	0.00	0.00	0.00	0	0	0	0.00	0.00	0	0	0.00		0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	0.0														
Daily Summary																
Activity Date :		11/4/2008		Days From Spud :		7		Current Depth :		2855 Ft		24 Hr. Footage Made :		775 Ft		
Formation :		Anhy					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$22,429			Cum DHC:			\$370,660			Total Well Cost:		\$370,660			
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	2.50	02	Drig f/2080' to 2169'										2080	2181	2	
8:30	0.50	10	Wireline survey at 2098' 1 degree										2181	2181	2	
9:00	0.50	07	Lubricate rig										2181	2181	2	
9:30	4.00	02	Drig f/ 2169' to 2422'										2181	2422	2	
13:30	0.50	10	Wireline survey at 2343' 1.5 degree										2422	2422	2	
14:00	3.00	02	Drig f/ 2422' to 2548'										2422	2548	2	
17:00	0.50	08	Change out pop-off on #1 pump										2548	2548	2	
17:30	8.00	02	Drig f/ 2548' to 2800'										2548	2800	2	
1:30	0.50	10	Wireline survey at 2721' 3 degree										2800	2800	2	
2:00	4.00	02	Drig f/ 2800' to 2855'										2800	2855	2	
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
2837	5:00	10.20	10.20	29	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 Loss		
0.0	9.50	0.00	0.00	0.00	0	0	0	0.00	0.00	0	0	0.00		0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	0.0														

Well Name: UNIVERSITY 20 #4701																
Field Name: AR-WINK , S. (WOLFCAM)				S/T/R: 47//				County, State: WARD, TX								
Operator: ergen Resources Corporati				Location Desc: 47, UL Survey Ward County				District: PB MID								
Daily Summary																
Activity Date :		11/5/2008		Days From Spud :		8		Current Depth :		3362 Ft		24 Hr. Footage Made :		507 Ft		
Formation :		Anhy						Weather:								
Rig Company :								Rig Name:								
Daily Cost:		\$37,413		Cum DHC:				\$408,073		Total Well Cost:		\$408,073				
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	2.00	02	Drig f/2855' to 2923'.									2855	2923	2		
8:00	0.50	10	Wireline survey at 2881' 3.62 degree.									2923	2923	2		
8:30	5.00	02	Drig f/ 2923' to 3050'									2923	3050	2		
13:30	0.50	10	Wireline survey at 3008' 3.83 degree									3050	3050	2		
14:00	3.00	02	Drig f/ 3050' to 3176'.									3050	3176	2		
17:00	0.50	10	Wireline survey at 3134' 3.40 degree.									3176	3176	2		
17:30	5.50	02	Drig f/ 3176' to 3272'.									3176	3272	2		
23:00	0.50	10	Wireline survey at 3230' 3.46 degree.									3272	3272	2		
23:30	6.50	02	Drig f/ 3272' to 3362'.									3272	3362	2		
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
3342	5:00	10.20	10.20	29	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 Loss		
0.0	9.50	0.00	0.00	0.00	0	0	0	0.00	0.00	0	0	0.00		0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	0.0														
Daily Summary																
Activity Date :		11/6/2008		Days From Spud :		9		Current Depth :		3710 Ft		24 Hr. Footage Made :		348 Ft		
Formation :		Anhy						Weather:								
Rig Company :								Rig Name:								
Daily Cost:		\$20,280		Cum DHC:				\$428,353		Total Well Cost:		\$428,353				
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	4.00	02	Drig f/3362' to 3431'.									3362	3431	2		
10:00	0.50	10	Wireline survey at 3388' 3.31 degree.									3431	3431	2		
10:30	1.50	02	Drig f/3431' to 3462'.									3431	3462	2		
12:00	0.50	07	Rig service.									3462	3462	2		
12:30	9.50	02	Drig f/3462' to 3588'.									3462	3588	2		
22:00	0.50	10	Wireline survey at 3546' 2.30 degree.									3588	3588	2		
22:30	7.50	02	Drig f/3588' to 3710'.									3588	3710	2		
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
3689	5:00	10.20	10.20	29	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 Loss		
0.0	10.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0	0	0.00		0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	0.0														

Well Name:UNIVERSITY 20 #4701																
Field Name: AR-WINK , S. (WOLFCAM)				S/T/R: 47//				County,State: WARD, TX								
Operator: ergen Resources Corporati				Location Desc: 47, UL Survey Ward County				District: PB MID								
Daily Summary																
Activity Date :		11/7/2008		Days From Spud :		10		Current Depth :		4150 Ft		24 Hr. Footage Made :		440 Ft		
Formation :		Anhy						Weather:								
Rig Company :								Rig Name:								
Daily Cost:		\$25,399		Cum DHC:				\$453,752		Total Well Cost:		\$453,752				
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	4.00	02	Drig f/ 3710' to 3778'.										3710	3778	2	
10:00	0.50	10	Wireline survey at 3736' 2.39 degree.										3778	3778	2	
10:30	5.50	02	Drig f /3778' to 3937'.										3778	3937	2	
16:00	0.50	10	Wireline survey at 3895' 2.31 degree.										3937	3937	2	
16:30	13.50	02	Drig f/3937' to 4150										3937	4150	2	
Total:		24.00														
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
4113	5:00	10.20	10.40	29	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 Loss		
0.0	10.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0	0	0.00		0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	0.0														
Daily Summary																
Activity Date :		11/8/2008		Days From Spud :		11		Current Depth :		4178 Ft		24 Hr. Footage Made :		28 Ft		
Formation :		Anhy						Weather:								
Rig Company :								Rig Name:								
Daily Cost:		\$41,386		Cum DHC:				\$495,138		Total Well Cost:		\$495,138				
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	4.00	02	Drig f/4150' to 4178'.										4150	4178	2	
10:00	0.50	07	Rig service.										4178	4178	2	
10:30	0.50	21	Check pumps,pump carbide(tagged 13 min)										4178	4178	2	
11:00	10.00	06	TOH,laydown motor and shock sub.										4178	4178	2	
21:00	6.00	09	Cut drilling line 150'.										4178	4178	3	
3:00	3.00	06	Make up bit #3 and trip in hole.										4178	4178	3	
Total:		24.00														
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
4178	13:45	10.50	10.50	29	2	2	2/0/0	0.0	0.0	0	0.00	0.1%	0.9%	0.0%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	9.00	0.00	0.08	0.92	159000	8680	0	0.00	0.00	0	0	0.00		0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	10.5														

Well Name: UNIVERSITY 20 #4701																
Field Name:		AR-WINK , S. (WOLFCAM)			S/T/R:		47//			County, State:		WARD, TX				
Operator:		ergen Resources Corporati			Location Desc:		47, UL Survey Ward County			District:		PB MID				
Daily Summary																
Activity Date :		11/9/2008		Days From Spud :		12		Current Depth :		4338 Ft		24 Hr. Footage Made :		160 Ft		
Formation :		Anhy					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$41,045			Cum DHC:			\$536,183			Total Well Cost:		\$536,183			
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	4.00	06	Trip in hole.									4178	4178	3		
10:00	1.50	03	Wash and ream 90' to bottom.									4178	4178	3		
11:30	4.50	02	Drig f/4178' to 4212'.									4178	4212	3		
16:00	0.50	10	Wireline survey at 4170' 3.30 degree.									4212	4212	3		
16:30	0.50	07	Rig service.									4212	4212	3		
17:00	13.00	02	Drig f/ 4212' to 4338'.									4212	4338	3		
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
4325	5:00	10.40	10.50	29	2	2	2/0/0	0.0	0.0	0	0.00	0.1%	0.9%	0.0%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	9.00	0.00	0.08	0.92	159000	8680	0	0.00	0.00	0	0	0.00		0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	10.5														
Daily Summary																
Activity Date :		11/10/2008		Days From Spud :		13		Current Depth :		4610 Ft		24 Hr. Footage Made :		272 Ft		
Formation :		Anhy					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$23,403			Cum DHC:			\$559,586			Total Well Cost:		\$559,586			
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	3.50	02	Drig f/4338' to 4369'.									4338	4369	3		
9:30	0.50	10	Wireline survey at 4327' 3.33 degree.									4369	4369	3		
10:00	3.00	02	Drig f/4369' to 4401'.									4369	4401	3		
13:00	0.50	07	Rig service.									4401	4401	3		
13:30	6.50	02	Drig f/4401' to 4495'.									4401	4495	3		
20:00	0.50	10	Wireline survey at 4453' 3.01 degree.									4495	4495	3		
20:30	9.50	02	Drig f/4495' to 4610'.									4495	4610	3		
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
4338	5:00	10.30	10.50	29	2	3	2/0/0	0.0	0.0	0	0.00	0.1%	0.9%	0.0%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	9.00	0.00	0.08	0.86	171000	2740	0	0.00	0.00	0	0	0.00		0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	10.5														

Well Name: UNIVERSITY 20 #4701																
Field Name:		AR-WINK , S. (WOLFCAM)			S/T/R:		47//			County, State:		WARD, TX				
Operator:		Ergen Resources Corporati			Location Desc:		47, UL Survey Ward County			District:		PB MID				
Daily Summary																
Activity Date :		11/11/2008		Days From Spud :		14		Current Depth :		4900 Ft		24 Hr. Footage Made :		472 Ft		
Formation :		Anhy					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$22,193			Cum DHC:			\$581,779			Total Well Cost:		\$581,779			
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	5.00	02	Drilling f/ 4,610 t/ 4,685									4610	4685	3		
11:00	0.50	10	WLS @ 4,643 2.78 Degrees									4610	4610	3		
11:30	1.50	02	Drilling f/ 4,685 t/ 4,717									4610	4717	3		
13:00	0.50	07	Lubricate Rig									4610	4610	3		
13:30	7.00	02	Drilling f/ 4,717 t/ 4,813									4610	4813	3		
20:30	0.50	10	WLS @ 4,771 2.95 Degrees									4813	4813	3		
21:00	9.00	02	Drilling f/ 4,813 t/ 4,900									4813	4900	3		
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
4900	5:00	10.20	10.30	29	2	3	2/0/0	0.0	0.0	0	0.00	0.1%	0.9%	0.0%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	10.00	0.00	0.08	0.86	171000	2740	0	0.00	0.00	0	0	0.00		0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	10.5														
Daily Summary																
Activity Date :		11/12/2008		Days From Spud :		15		Current Depth :		5050 Ft		24 Hr. Footage Made :		150 Ft		
Formation :		Lime					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$21,863			Cum DHC:			\$603,642			Total Well Cost:		\$603,642			
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	4.00	02	Drilling f/ 4,900 t/ 4,927									4900	4927	3		
10:00	0.50	07	Lubricate Rig									4927	4927	3		
10:30	5.00	02	Drilling f/ 4,927 t/ 4,972									4927	4972	3		
15:30	0.50	10	WLS @ 4,930 2.05 Degrees									4972	4972	3		
16:00	7.50	02	Drilling f/ 4,972 t/ 5,050 TD									4972	5050	3		
23:30	2.00	05	Pump Sweep Circ. Out									5050	5050	3		
1:30	0.50	10	WLS @ 5,028 .93 Degrees									5050	5050	3		
2:00	1.50	06	Strap out of hole to run 9 5/8 Intermediate									5050	5050	3		
3:30	2.50	21	Work stuck pipe									5050	5050	3		
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
4932	5:00	10.20	10.20	29	1	1	1/1/0	0.0	0.0	0	0.00	2.7%	97.3%	0.0%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	10.00	0.00	0.08	0.86	171000	7000	0	0.00	0.00	0	0	0.00		0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	10.5														

Well Name:UNIVERSITY 20 #4701																
Field Name: AR-WINK , S. (WOLFCAM)				S/T/R: 47//				County,State: WARD, TX								
Operator: ergen Resources Corporati				Location Desc: 47, UL Survey Ward County				District: PB MID								
Daily Summary																
Activity Date :		11/13/2008		Days From Spud :		16		Current Depth :		5050 Ft		24 Hr. Footage Made :		0 Ft		
Formation :		Lime						Weather:								
Rig Company :								Rig Name:								
Daily Cost:		\$43,859		Cum DHC:				\$647,501		Total Well Cost:		\$647,501				
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	1.00	21	Work stuck pipe									5050	5050	NIH		
7:00	2.50	05	Pick up kelly ream & circ. Through tight spot									5050	5050	NIH		
9:30	4.50	06	Set kelly back cont. T.O.H									5050	5050	NIH		
14:00	3.00	06	RU LD Truck & Laydown 8" DC & Reamer									5050	5050	NIH		
17:00	1.00	12	Rig up Csg Crew									5050	5050	NIH		
18:00	6.50	12	Run 9 5/8 Csg.									5050	5050	NIH		
0:30	0.50	22	Rig down Csg. Crew									5050	5050	NIH		
1:00	2.00	05	Circ. 9 5/8 csg.									5050	5050	NIH		
3:00	0.50	12	Rig up cementers									5050	5050	NIH		
3:30	2.50	12	Test Lines and Cement									5050	5050	NIH		
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
5050	5:00	10.20	10.20	29	1	1	1/1/0	0.0	0.0	0	0.00	2.7%	97.3%	0.0%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	10.00	0.00	0.08	0.86	171000	7000	0	0.00	0.00	0	0	0.00		0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	10.5														
Daily Summary																
Activity Date :		11/14/2008		Days From Spud :		17		Current Depth :		5050 Ft		24 Hr. Footage Made :		0 Ft		
Formation :		Lime						Weather:								
Rig Company :								Rig Name:								
Daily Cost:		\$422,260		Cum DHC:				\$1,069,761		Total Well Cost:		\$1,069,761				
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	1.00	12	Finish Cementing. Plug down @ 0700									5050	5050	NIH		
7:00	1.00	21	RD Cementers.									5050	5050	NIH		
8:00	6.00	13	Wait on cement, jet clean pits									5050	5050	NIH		
14:00	4.00	14	Cut off 9 5/8 csg. And nipple up B-section & test to 1500# test ok									5050	5050	NIH		
18:00	11.00	14	Nipple up B.O.P,Choke,Hydrill,Rotateing Head, Gas Separator.									5050	5050	NIH		
5:00	1.00	15	Test BOP,Choke,Rotate Head,Hcr,									5050	5050	NIH		
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
5050	5:00	10.20	10.20	29	1	1	1/1/0	0.0	0.0	0	0.00	2.7%	97.3%	0.0%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	10.00	0.00	0.08	0.86	171000	7000	0	0.00	0.00	0	0	0.00		0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	10.5														

Well Name: UNIVERSITY 20 #4701																
Field Name: AR-WINK , S. (WOLFCAM)			S/T/R: 47//			County, State: WARD, TX										
Operator: ergen Resources Corporati			Location Desc: 47, UL Survey Ward County			District: PB MID										
Daily Summary																
Activity Date :		11/15/2008		Days From Spud :		18		Current Depth :		5060 Ft		24 Hr. Footage Made :		10 Ft		
Formation :		Lime					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$40,368		Cum DHC:				\$1,110,129		Total Well Cost:		\$1,110,129				
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	6.50	15	Test B.O.P, Test rotate head.									5050	5050	NIH		
12:30	4.00	14	Install flow nipple, replace bolts in rotate head for flowline, install flowline.									5050	5050	NIH		
16:30	1.00	21	Wait on bit breaker. None on loc. Would fit									5050	5050	NIH		
17:30	7.00	06	TIH with 8 3/4 bit									5050	5050	4		
0:30	0.50	03	PU Pipe & wash to bottom to tag cement									5050	5050	4		
1:00	4.00	02	Drill FC, Cement, Shoe & 5' Formation.									5050	5055	4		
5:00	0.50	22	Perform FIT test to 900# test ok.									5055	5055	4		
5:30	0.50	02	Drilling f/ 5055' t/5060'									5055	5060	4		
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
5050	5:00	9.80	9.80	29	1	1	1/2/0	100.0	0.0	0	0.00	2.7%	97.3%	0.0%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	8.00	0.00	0.08	0.86	145000	5000	0	0.00	0.00	0	0	0.00		0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	0.0														
Daily Summary																
Activity Date :		11/16/2008		Days From Spud :		19		Current Depth :		5785 Ft		24 Hr. Footage Made :		725 Ft		
Formation :		Shale					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$24,716		Cum DHC:				\$1,134,845		Total Well Cost:		\$1,134,845				
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	14.00	02	Drilling f/ 5054' t/ 5531'									5060	5531	4		
20:00	0.50	10	WLS @ 5458 1.74 Degree									5531	5531	4		
20:30	9.50	02	Drilling f/ 553' t/ 5785'									5531	5785	4		
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
5060	5:00	9.90	9.90	29	1	1	1/2/0	100.0	0.0	0	0.00	2.7%	97.3%	0.0%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	8.00	0.00	0.08	0.86	145000	5000	0	0.00	0.00	0	0	0.00		0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	0.0														

Well Name: UNIVERSITY 20 #4701																
Field Name:		AR-WINK , S. (WOLFCAM)			S/T/R:		47//			County, State:		WARD, TX				
Operator:		Ergen Resources Corporati			Location Desc:		47, UL Survey Ward County			District:		PB MID				
Daily Summary																
Activity Date :		11/17/2008		Days From Spud :		20		Current Depth :		6484 Ft		24 Hr. Footage Made :		699 Ft		
Formation :		Dolomite					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$24,628			Cum DHC:		\$1,159,473			Total Well Cost:		\$1,159,473				
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	0.50	10	WLS @ 5712 1.23 Degree										5785	5785	4	
6:30	7.00	02	Drilling f/ 5785 t/ 6039										5785	6039	4	
13:30	0.50	07	Lubricate Rig										6039	6039	4	
14:00	6.50	02	Drilling f/ 6039 t/ 6262										6039	6262	4	
20:30	0.50	10	WLS @ 6189 .94 Degree										6262	6262	4	
21:00	9.00	02	Drilling f/ 6262 t/ 6484										6262	6484	4	
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
6092	5:00	9.90	9.90	29	1	1	1/2/0	100.0	0.0	0	0.00	2.3%	97.3%	0.0%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	10.00	0.00	0.18	1.20	145000	5080	0	0.00	0.00	0	6100			0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	0.0														
Daily Summary																
Activity Date :		11/18/2008		Days From Spud :		21		Current Depth :		7023 Ft		24 Hr. Footage Made :		539 Ft		
Formation :		Sand/lime					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$414,073			Cum DHC:		\$1,573,546			Total Well Cost:		\$1,573,546				
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	5.00	02	Drill f/ 6484' to 6643'.										6484	6643	4	
11:00	0.50	07	Rig service.										6643	6643	4	
11:30	1.00	02	Drill f/ 6643' to 6674'.										6643	6674	4	
12:30	0.50	10	Wireline survey at 6601' 0.12 degree.										6674	6674	4	
13:00	12.50	02	Drill f/ 6674' to 7023'.										6674	7023	4	
1:30	0.50	21	Check pumps and pump carbide.										7023	7023	4	
2:00	4.00	06	Trip out of hole.										7023	7023	4	
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
7023	5:00	9.90	9.90	29	1	1	1/2/0	100.0	0.0	0	0.00	2.3%	97.3%	0.0%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	10.00	0.00	0.18	1.20	145000	5080	0	0.00	0.00	0	6100			0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	0.0														

Well Name: UNIVERSITY 20 #4701																
Field Name: AR-WINK , S. (WOLFCAM)			S/T/R: 47//			County, State: WARD, TX										
Operator: ergen Resources Corporati			Location Desc: 47, UL Survey Ward County			District: PB MID										
Daily Summary																
Activity Date :		11/19/2008		Days From Spud :		22		Current Depth :		7300 Ft		24 Hr. Footage Made :		277 Ft		
Formation :		Shale					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$23,324		Cum DHC:				\$1,596,870		Total Well Cost:		\$1,596,870				
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	4.00	06	Trip out of hole and laydown (2) washed DCs									7023	7023	4		
10:00	1.00	07	Rig service.									7023	7023	4		
11:00	4.50	06	Trip in hole.									7023	7023	4		
15:30	1.00	05	Circulate at 5056'.									7023	7023	4		
16:30	1.00	06	Trip in hole.									7023	7023	4		
17:30	0.50	03	Wash 45' to bottom.									7023	7023	4		
18:00	7.00	02	Drill f/7023' to 7181'.									7023	7181	4		
1:00	0.50	10	Wireline survey at 7108' 0.36 degree.									7181	7181	4		
1:30	4.50	02	Drill f/ 7181' to 7300'.									7181	7300	4		
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
7246	5:00	9.90	9.90	29	1	1	1/2/0	100.0	0.0	0	0.00	2.1%	97.9%	0.0%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	10.00	0.00	0.18	1.20	140000	2000	0	0.00	0.00	0	3000			0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	0.0														
Daily Summary																
Activity Date :		11/20/2008		Days From Spud :		23		Current Depth :		7430 Ft		24 Hr. Footage Made :		130 Ft		
Formation :		Shale					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$32,018		Cum DHC:				\$1,628,888		Total Well Cost:		\$1,628,888				
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	5.00	02	Drill f/7300' to 7401'.									7300	7401	4		
11:00	0.50	07	Rig service.									7401	7401	4		
11:30	1.50	02	Drill f/7401' to 7433'.									7401	7430	4		
13:00	6.50	06	Trip out of hole (lost returns at 7430').									7430	7430	5		
19:30	1.00	06	Laydown motor, pickup (2) DC's.									7430	7430	5		
20:30	4.00	06	Trip in hole to 5040'.									7430	7430	5		
0:30	1.50	05	Mix LCM pill and pump same.									7430	7430	5		
2:00	2.00	06	Trip in hole.									7430	7430	5		
4:00	0.50	03	Wash 40' to bottom.									7430	7430	5		
4:30	1.50	05	Lost returns-mix 25#LCM Pill.									7430	7430	5		
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
7300	5:00	9.90	9.90	29	1	1	1/2/0	100.0	0.0	0	0.00	2.1%	97.9%	0.0%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	10.00	0.00	0.18	1.20	140000	2000	0	0.00	0.00	0	3000			0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	0.0														

Well Name:UNIVERSITY 20 #4701																
Field Name:		AR-WINK , S. (WOLFCAM)			S/T/R:		47//			County,State:		WARD, TX				
Operator:		ergen Resources Corporati			Location Desc:		47, UL Survey Ward County			District:		PB MID				
Daily Summary																
Activity Date :		11/21/2008		Days From Spud :		24		Current Depth :		7540 Ft		24 Hr. Footage Made :		110 Ft		
Formation :		Shale					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$49,268			Cum DHC:			\$1,678,156			Total Well Cost:		\$1,678,156			
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	2.00	05	Mix sweep and pump same.										7430	7430	5	
8:00	4.50	02	Drill f/ 7430' to 7464'.										7430	7464	5	
12:30	0.50	07	Rig service.										7464	7464	5	
13:00	7.00	02	Drill f/7464' to 7532'.										7464	7532	5	
20:00	1.00	08	Work on mud pumps.										7532	7532	5	
21:00	8.00	02	Drill f/7532' to 7540'.										7532	7540	5	
5:00	1.00	06	Trip out of hole.										7540	7540	5	
Total:		24.00														
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
7538	5:00	9.50	9.70	29	1	1	1/1/0	100.0	0.0	0	0.00	0.7%	99.3%	0.0%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	10.00	0.00	0.18	0.00	141000	4000	0	0.00	0.00	0	3000			0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	0.0														
Daily Summary																
Activity Date :		11/22/2008		Days From Spud :		25		Current Depth :		7540 Ft		24 Hr. Footage Made :		0 Ft		
Formation :		Shale					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$27,740			Cum DHC:			\$1,705,896			Total Well Cost:		\$1,705,896			
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	5.50	06	Trip out of hole.										7540	7540	5	
11:30	0.50	07	Rig service.										7540	7540	5	
12:00	5.00	19	Wait on fishing tools and DC inspection.										7540	7540	5	
17:00	7.50	19	Pic up fishing tools,and trip check dc's.										7540	7540	5	
0:30	5.50	06	Trip in hole.										7540	7540	5	
Total:		24.00														
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
7540	2:30	9.50	9.50	28	1	1	1/1/0	100.0	0.0	0	0.00	0.7%	1.0%	0.0%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	10.00	0.00	0.18	0.00	131000	4000	0	0.00	0.00	0	3500			0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	0.0														

Well Name:UNIVERSITY 20 #4701																
Field Name: AR-WINK , S. (WOLFCAM)			S/T/R: 47//			County,State: WARD, TX										
Operator: ergen Resources Corporati			Location Desc: 47, UL Survey Ward County			District: PB MID										
Daily Summary																
Activity Date :		11/23/2008		Days From Spud :		26		Current Depth :		7540 Ft		24 Hr. Footage Made :		0 Ft		
Formation :		Shale					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$39,564		Cum DHC:		\$1,745,460		Total Well Cost:		\$1,745,460						
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	4.00	19	Stab overshot on fish and work stuck fish.									7540	7540	5		
10:00	6.00	06	Trip out of hole,left fish on bottom.									7540	7540	5		
16:00	0.50	19	Laydown overshot and jars.									7540	7540	5		
16:30	1.50	19	Pickup new overshot and jars.									7540	7540	5		
18:00	0.50	07	Rig service.									7540	7540	5		
18:30	5.00	06	Trip in hole to top of fish.									7540	7540	5		
23:30	2.00	19	Wash over fish and set overshot.									7540	7540	5		
1:30	4.50	06	Trip out of hole with fish.									7540	7540	5		
Total:		24.00														
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
7540	5:00	9.50	9.50	28	1	1	1/1/0	100.0	0.0	0	0.00	0.7%	1.0%	0.0%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	10.00	0.00	0.18	0.00	131000	4000	0	0.00	0.00	0	3500			0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	0.0														
Daily Summary																
Activity Date :		11/24/2008		Days From Spud :		27		Current Depth :		7590 Ft		24 Hr. Footage Made :		50 Ft		
Formation :		Shale					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$28,845		Cum DHC:		\$1,774,305		Total Well Cost:		\$1,774,305						
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	6.00	06	Trip out of hole and laydown fish and tools.									7540	7540	5		
12:00	0.50	07	Rig service.									7540	7540	5		
12:30	1.50	21	Wait on junk basket.									7540	7540	5		
14:00	4.00	06	Pick up junk basket and 15 DC's.									7540	7540	5		
18:00	5.00	06	Trip in hole.									7540	7540	5		
23:00	1.00	03	Wash and ream 45' to bottom.									7540	7540	5		
0:00	6.00	02	Drill f/7540' to 7590'.									7540	7590	5		
Total:		24.00														
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
7559	5:00	9.50	9.50	28	1	1	1/1/0	100.0	0.0	0	0.00	0.7%	1.0%	0.0%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	10.00	0.00	0.18	0.00	131000	4000	0	0.00	0.00	0	3500			0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	0.0														

Well Name: UNIVERSITY 20 #4701																	
Field Name :		AR-WINK , S. (WOLFCAM)				S/T/R:		47//				County, State:		WARD, TX			
Operator :		ergen Resources Corporati				Location Desc:				47, UL Survey Ward County				District:		PB MID	
Daily Summary																	
Activity Date :		11/25/2008		Days From Spud :		28		Current Depth :		7875 Ft		24 Hr. Footage Made :		285 Ft			
Formation :		Shale						Weather:									
Rig Company :								Rig Name:									
Daily Cost:		\$28,126				Cum DHC:		\$1,802,431		Total Well Cost:		\$1,802,431					
Operations																	
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run		
6:00	9.00	02	Drilling f/ 7590' t/7685'										7590	7685	5		
15:00	1.00	08	Work on #1 pump, #2 pump down.										7685	7685	5		
16:00	2.50	02	Drilling f/ 7685' t/ 7716'										7685	7716	5		
18:30	1.00	10	WLS @ 7674' .84Degrees										7716	7716	5		
19:30	1.00	02	Drilling f/ 7716' t/ 7732'										7716	7732	5		
20:30	0.50	08	Work on #1 pump, #2 pump still down.										7732	7732	5		
21:00	4.00	02	Drilling f/ 7732' t/ 7799										7732	7799	5		
1:00	0.50	05	Lost full returns cir. Cond. Mud work pipe. Gained full returns.										7799	7799	5		
1:30	4.50	02	Drilling f/ 7799' t/7875'										7799	7875	5		
Total:	24.00																
Mud Properties																	
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand		
7673	5:00	9.60	9.50	28	1	1	1/1/0	0.0	0.0	0	0.00	0.2%	99.8%	0.0%	0.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss			
0.0	9.00	0.00	0.00	0.00	127000	4200	0	0.00	0.00	0	3500			0			
Water Loss	LCM	ECD	FL Temp	Remarks													
0	0.0	0.0															
Daily Summary																	
Activity Date :		11/26/2008		Days From Spud :		29		Current Depth :		8170 Ft		24 Hr. Footage Made :		295 Ft			
Formation :		Shale						Weather:									
Rig Company :								Rig Name:									
Daily Cost:		\$27,359				Cum DHC:		\$1,829,790		Total Well Cost:		\$1,829,790					
Operations																	
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run		
6:00	4.00	02	Drilling f/ 7875' t/ 7939'										7875	7939	5		
10:00	1.00	08	Service rig & work on rotary shaft										7939	7939	5		
11:00	19.00	02	Drilling f/ 7939' t/ 8170										7939	8170	5		
Total:	24.00																
Mud Properties																	
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand		
8170	5:00	9.60	9.50	28	1	1	1/1/0	0.0	0.0	0	0.00	0.2%	99.8%	0.0%	0.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss			
0.0	9.00	0.00	0.00	0.00	127000	4200	0	0.00	0.00	0	3500			0			
Water Loss	LCM	ECD	FL Temp	Remarks													
0	0.0	0.0															

Well Name: UNIVERSITY 20 #4701																
Field Name:		AR-WINK , S. (WOLFCAM)				S/T/R:		47//				County, State:		WARD, TX		
Operator:		Ergen Resources Corporati				Location Desc:		47, UL Survey Ward County				District:		PB MID		
Daily Summary																
Activity Date :		11/27/2008		Days From Spud :		30		Current Depth :		8415 Ft		24 Hr. Footage Made :		245 Ft		
Formation :		Shale						Weather:								
Rig Company :								Rig Name:								
Daily Cost:		\$24,540				Cum DHC:		\$1,854,330		Total Well Cost:		\$1,854,330				
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	1.00	02	Drilling f/ 8170' t/ 8192'										8170	8192	5	
7:00	0.50	10	WLS @ 8150' .44 Degrees										8192	8192	5	
7:30	4.50	02	Drilling f/ 8192' t/ 8255'										8192	8255	5	
12:00	0.50	07	Service Rig										8255	8255	5	
12:30	0.50	08	Work on pump. #1 pump down #2 pump change vavles, & tighten rotary shaft										8255	8255	5	
13:00	17.00	02	Drilling f/ 8255' t/8415'										8255	8415	5	
Total:		24.00														
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
8269	15:00	9.60	9.50	28	1	1	2/2/0	0.0	0.0	0	0.00	0.4%	99.6%	0.0%	0.1%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	9.00	0.00	0.00	0.00	114000	2460	0	0.00	0.00	0	3520			0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	0.0														
Daily Summary																
Activity Date :		11/28/2008		Days From Spud :		31		Current Depth :		8456 Ft		24 Hr. Footage Made :		41 Ft		
Formation :		Shale						Weather:								
Rig Company :								Rig Name:								
Daily Cost:		\$23,449				Cum DHC:		\$1,877,779		Total Well Cost:		\$1,877,779				
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	3.00	02	Drilling f/ 8415' t/ 8443'										8415	8443	5	
9:00	0.50	07	Rig Service										8443	8443	5	
9:30	1.00	02	Drilling f/ 8443' t/ 8456'										8443	8456	5	
10:30	1.50	05	Circ. Sweep out, get floor ready to T.O.H										8456	8456	5	
12:00	7.00	06	Drop totco & T.O.H f/ Bit, change drilling jars										8456	8456	NIH	
19:00	3.50	21	Wait on bit sub from Iariat.										8456	8456	NIH	
22:30	7.50	06	M/U Bit & Bit Sub , T.I.H										8456	8456	NIH	
Total:		24.00														
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
8415	15:00	9.60	9.50	28	1	1	2/2/0	0.0	0.0	0	0.00	0.4%	99.6%	0.0%	0.1%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	9.00	0.00	0.00	0.00	114000	2460	0	0.00	0.00	0	3520			0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	0.0														

Well Name: UNIVERSITY 20 #4701																
Field Name:		AR-WINK , S. (WOLFCAM)			S/T/R:		47//			County, State:		WARD, TX				
Operator:		Ergen Resources Corporati			Location Desc:		47, UL Survey Ward County			District:		PB MID				
Daily Summary																
Activity Date :		11/29/2008		Days From Spud :		32		Current Depth :		8722 Ft		24 Hr. Footage Made :		266 Ft		
Formation :		Shale					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$35,144		Cum DHC:				\$1,912,923		Total Well Cost:		\$1,912,923				
Operations																
Start	Hrs	Code	Remarks								Start Depth	End Depth	Run			
6:00	0.50	06	Finish T.I.H								8456	8456	NIH			
6:30	1.00	03	Wash and Ream 100' to bottom								8456	8456	6			
7:30	5.00	02	Drilling f/ 8456' t/ 8502'								8456	8502	6			
12:30	0.50	07	Rig Service								8502	8502	6			
13:00	17.00	02	Drilling f/ 8502' t/ 8722'								8502	8722	6			
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
8527	15:00	9.50	9.50	28	1	2	2/2/0	0.0	0.0	0	0.00	0.4%	100.0%	0.0%	0.3%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	10.00	0.00	0.20	0.24	118000	4320	0	0.00	0.00	0				0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	0.0														
Daily Summary																
Activity Date :		11/30/2008		Days From Spud :		33		Current Depth :		8975 Ft		24 Hr. Footage Made :		253 Ft		
Formation :		Shale					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$24,295		Cum DHC:				\$1,937,218		Total Well Cost:		\$1,937,218				
Operations																
Start	Hrs	Code	Remarks								Start Depth	End Depth	Run			
6:00	5.00	02	Drilling f/ 8722' t/ 8784'								8722	8784	6			
11:00	1.00	07	Service rig, tighten rotary shaft								8784	8784	6			
12:00	14.00	02	Drilling f/ 8784' t/ 8943'								8784	8943	6			
2:00	1.00	10	WLS @ 8901' 1.28 Degrees								8943	8943	6			
3:00	3.00	02	Drilling f/ 8943' t/ 8975'								8943	8975	6			
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
8722	15:00	9.50	9.50	28	1	2	2/2/0	0.0	0.0	0	0.00	0.4%	100.0%	0.0%	0.3%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	10.50	0.00	0.20	0.24	118000	4320	0	0.00	0.00	0				0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	0.0														

Well Name: UNIVERSITY 20 #4701																
Field Name:		AR-WINK , S. (WOLFCAM)			S/T/R:		47//			County, State:		WARD, TX				
Operator:		Ergen Resources Corporati			Location Desc:		47, UL Survey Ward County			District:		PB MID				
Daily Summary																
Activity Date :		12/1/2008		Days From Spud :		34		Current Depth :		9206 Ft		24 Hr. Footage Made :		231 Ft		
Formation :		Shale					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$23,434			Cum DHC:			\$1,960,652			Total Well Cost:		\$1,960,652			
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	4.00	02	Drilling f/ 8975' t/ 9007'										8975	9007	6	
10:00	1.00	07	Rig service, tighten rotary shaft										9007	9007	6	
11:00	19.00	02	Drilling f/ 9007' t/ 9206'										9007	9206	6	
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
9029	18:00	9.50	9.50	28	1	2	2/2/0	0.0	0.0	0	0.00	0.3%	99.7%	0.0%	0.3%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	9.00	0.00	0.18	0.25	106000	4420	0	0.00	0.00	0				0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	0.0														
Daily Summary																
Activity Date :		12/2/2008		Days From Spud :		35		Current Depth :		9291 Ft		24 Hr. Footage Made :		85 Ft		
Formation :		Shale					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$40,193			Cum DHC:			\$2,000,845			Total Well Cost:		\$2,000,845			
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	8.00	02	Drill f/ 9206' to 9291'.										9206	9291	6	
14:00	7.00	06	Trip out of hole.										9291	9291	6	
21:00	1.00	06	Pick up straight hole motor.										9291	9291	6	
22:00	1.00	08	Repair lights in derrick.										9291	9291	6	
23:00	5.50	06	Trip in hole.										9291	9291	7	
4:30	1.00	08	Work on #2 floor motor.										9291	9291	7	
5:30	0.50	06	Trip in hole.										9291	9291	7	
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
9291	18:00	9.50	9.50	28	1	2	2/2/0	0.0	0.0	0	0.00	0.3%	99.7%	0.0%	0.3%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	9.00	0.00	0.18	0.25	106000	4420	0	0.00	0.00	0				0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	0.0														

Well Name:UNIVERSITY 20 #4701																
Field Name:		AR-WINK , S. (WOLFCAM)				S/T/R:		47//				County,State:		WARD, TX		
Operator:		ergen Resources Corporati				Location Desc:		47, UL Survey Ward County				District:		PB MID		
Daily Summary																
Activity Date :		12/3/2008		Days From Spud :		36		Current Depth :		9722 Ft		24 Hr. Footage Made :		431 Ft		
Formation :		Shale						Weather:								
Rig Company :								Rig Name:								
Daily Cost:		\$52,691				Cum DHC:		\$2,053,536				Total Well Cost:		\$2,053,536		
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	2.00	06	Trip in hole.										9291	9291	7	
8:00	0.50	03	Wash and ream 60' to bottom.										9291	9291	7	
8:30	1.50	02	Drill f/9291' to 9324'.										9291	9324	7	
10:00	0.50	07	Rig service.										9324	9324	7	
10:30	17.50	02	Drill f/9324' to 9722'.Lost returns @ 9720'										9324	9722	7	
4:00	2.00	05	Mix 12# LCM and pump same.										9722	9722	7	
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
9722	4:00	9.50	9.50	28	1	2	2/2/0	0.0	0.0	0	0.00	0.0%	99.6%	0.0%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	9.00	0.00	0.00	0.22	117000	4840	0	0.00	0.00	0				0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	0.0														
Daily Summary																
Activity Date :		12/4/2008		Days From Spud :		37		Current Depth :		9805 Ft		24 Hr. Footage Made :		83 Ft		
Formation :		Shale						Weather:								
Rig Company :								Rig Name:								
Daily Cost:		\$44,413				Cum DHC:		\$2,097,949				Total Well Cost:		\$2,097,949		
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	0.50	06	Trip out of hole with 5 stands drill pipe.										9722	9722	7	
6:30	3.00	05	Mix and pump high vis pill.										9722	9722	7	
9:30	0.50	06	Trip in hole with 4 stands drill pipe.										9722	9722	7	
10:00	0.50	07	Rig service.										9722	9722	7	
10:30	3.50	05	Mix high vis pill.										9722	9722	7	
14:00	1.00	06	Trip out of hole with 36 stands drill pipe.										9722	9722	7	
15:00	2.00	05	Pump high vis pill.										9722	9722	7	
17:00	2.00	06	Trip in hole.										9722	9722	7	
19:00	1.50	05	Break circulation and pump 25# pill.										9722	9722	7	
20:30	0.50	02	Drill f/9722' to 9730'.										9722	9730	7	
21:00	1.50	08	Repair transmission lines on pumps.										9730	9730	7	
22:30	7.50	02	Drill f/9730' to 9805'.										9730	9805	7	
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
9794	4:00	9.50	9.50	28	1	2	2/2/0	0.0	0.0	0	0.00	0.0%	99.6%	0.0%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	9.00	0.00	0.00	0.22	117000	4840	0	0.00	0.00	0				0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	0.0														

Well Name: UNIVERSITY 20 #4701																
Field Name:		AR-WINK , S. (WOLFCAM)			S/T/R:		47//			County, State:		WARD, TX				
Operator:		ergen Resources Corporati			Location Desc:		47, UL Survey Ward County			District:		PB MID				
Daily Summary																
Activity Date :		12/5/2008		Days From Spud :		38		Current Depth :		9892 Ft		24 Hr. Footage Made :		87 Ft		
Formation :		Shale					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$30,682			Cum DHC:		\$2,128,631			Total Well Cost:		\$2,128,631				
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	1.50	02	Drill f/9805' to 9829'.										9805	9829	7	
7:30	1.00	10	Wireline survey at 9752' 1 3/4 degree.										9829	9829	7	
8:30	3.50	02	Drill f/9829' to 9861'.										9829	9861	7	
12:00	0.50	21	Install rotating rubber and rig service.										9861	9861	7	
12:30	5.50	02	Drill f/ 9861' to 9892'.										9861	9892	7	
18:00	9.00	06	Trip out of hole.										9892	9892	7	
3:00	3.00	21	Wait on fishing tools.										9892	9892	7	
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
9892	18:00	9.50	9.50	28	1	2	2/2/0	0.0	0.0	0	0.00	0.0%	99.6%	0.0%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	9.00	0.00	0.00	0.22	117000	4840	0	0.00	0.00	0				0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	0.0														
Daily Summary																
Activity Date :		12/6/2008		Days From Spud :		39		Current Depth :		9892 Ft		24 Hr. Footage Made :		0 Ft		
Formation :		Shale					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$26,153			Cum DHC:		\$2,154,784			Total Well Cost:		\$2,154,784				
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	4.00	19	Wait on downhole fishing tools.										9892	9892	7	
10:00	2.50	19	Pick up fishing tools.										9892	9892	7	
12:30	5.00	06	Trip in hole.										9892	9892	7	
17:30	1.00	08	Rig repair-remove bumper seal in crown.										9892	9892	7	
18:30	0.50	06	Trip in hole.										9892	9892	7	
19:00	1.00	03	Wash through bridge at 9200'.										9892	9892	7	
20:00	1.00	06	Trip in hole.										9892	9892	7	
21:00	1.50	03	Wash to top of fish at 9638'.										9892	9892	7	
22:30	1.50	19	Work overshot on fish.										9892	9892	7	
0:00	2.50	06	Trip out of hole with fish.										9892	9892	7	
2:30	1.00	08	Rig repair- replace tong break out line.										9892	9892	7	
3:30	2.50	06	trip out pf hole.										9892	9892	7	
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
9892	13:45	9.32	9.32	28	1	1	1/1/0	0.0	0.0	0	0.00	0.0%	1.0%	0.0%	0.2%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	9.00	0.00	0.07	0.14	109500	4720	0	0.00	0.00	0				0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	9.3														

Well Name:UNIVERSITY 20 #4701																
Field Name: AR-WINK , S. (WOLFCAM)				S/T/R: 47//				County,State: WARD, TX								
Operator: ergen Resources Corporati				Location Desc: 47, UL Survey Ward County				District: PB MID								
Daily Summary																
Activity Date :		12/7/2008		Days From Spud :		40		Current Depth :		9938 Ft		24 Hr. Footage Made :		46 Ft		
Formation :		Shale						Weather:								
Rig Company :								Rig Name:								
Daily Cost:		\$35,855		Cum DHC:				\$2,190,639		Total Well Cost:		\$2,190,639				
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	5.00	06	Trip out of hole with fish.									9892	9892	7		
11:00	2.50	21	Laydown fish,(6)DC's and motor.									9892	9892	7		
13:30	0.50	07	Rig service.									9892	9892	7		
14:00	1.00	08	Rig repair-build air pressure.									9892	9892	7		
15:00	5.00	06	Pick up DC's,motor and trip in hole.									9892	9892	8		
20:00	0.50	22	Install rotating rubber.									9892	9892	8		
20:30	4.00	06	Trip in hole,break circulation at 8306'.									9892	9892	8		
0:30	1.50	03	Wash 90' to bottom.									9892	9892	8		
2:00	4.00	02	Drill f/ 9802' to 9938'.									9892	9938	8		
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
9925	4:24	9.40	9.40	28	1	1	1/1/0	0.0	0.0	0	0.00	0.0%	1.0%	0.0%	0.2%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	9.00	0.00	0.07	0.14	109500	4720	0	0.00	0.00	0				0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	9.3														
Daily Summary																
Activity Date :		12/8/2008		Days From Spud :		41		Current Depth :		10192 Ft		24 Hr. Footage Made :		254 Ft		
Formation :		Lime						Weather:								
Rig Company :								Rig Name:								
Daily Cost:		\$36,784		Cum DHC:				\$2,227,423		Total Well Cost:		\$2,227,423				
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	4.00	02	Drill f/9938' to 10,020'.									9938	10020	8		
10:00	0.50	07	Rig service.									10020	10020	8		
10:30	1.00	21	Center BOP and level derrick f/rotating head.									10020	10020	8		
11:30	3.00	02	Drill f/ 10,020' to 10,072'.									10020	10072	8		
14:30	1.00	08	Rig repair (Air line to crown-o-matic).									10072	10072	8		
15:30	14.50	02	Drilling f/ 10,072' t/ 10,192'									10072	10192	8		
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
10192	4:24	9.60	9.60	29	1	1	1/1/0	0.0	0.0	0	0.00	0.0%	100.0%	0.0%	0.2%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	9.00	0.00	0.00	0.28	114000	2840	0	0.00	0.00	0				0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	9.3														

Well Name: UNIVERSITY 20 #4701																
Field Name:		AR-WINK , S. (WOLFCAM)			S/T/R:		47//			County, State:		WARD, TX				
Operator:		ergen Resources Corporati			Location Desc:		47, UL Survey Ward County			District:		PB MID				
Daily Summary																
Activity Date :		12/9/2008		Days From Spud :		42		Current Depth :		10375 Ft		24 Hr. Footage Made :		183 Ft		
Formation :		Shale					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$37,530		Cum DHC:				\$2,264,953		Total Well Cost:		\$2,264,953				
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	5.00	02	Drilling f/ 10,192' t/ 10,241'									10192	10241	8		
11:00	1.00	10	WLS @ 10,170' 1.43 Degrees									10241	10241	8		
12:00	6.00	02	Drilling f/ 10,241' t/ 10,303'									10241	10303	8		
18:00	0.50	07	Rig Service									10303	10303	8		
18:30	11.50	02	Drilling f/ 10,303' t/ 10,375									10303	10375	8		
Total:		24.00														
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
10375	6:00	10.00	10.00	30	1	1	1/1/0	0.0	0.0	0	0.00	0.0%	100.0%	0.0%	0.2%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	9.00	0.00	0.00	0.28	114000	2840	0	0.00	0.00	0				0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	9.3														
Daily Summary																
Activity Date :		12/10/2008		Days From Spud :		43		Current Depth :		10540 Ft		24 Hr. Footage Made :		165 Ft		
Formation :		Lime					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$29,097		Cum DHC:				\$2,294,050		Total Well Cost:		\$2,294,050				
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	5.50	02	Drilling f/ 10,375' t/ 10,429'									10375	10429	8		
11:30	0.50	07	Service Rig									10429	10429	8		
12:00	0.50	08	Rig Repair (tighten rotary shaft, work on brakes)									10429	10429	8		
12:30	17.50	02	Drilling f/ 10,429' t/ 10,540'									10429	10540	8		
Total:		24.00														
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
10540	6:00	10.00	10.00	29	1	1	1/2/0	0.0	0.0	0	0.00	2.8%	97.2%	0.0%	0.1%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	10.50	0.00	0.03	0.05	148000	6320	0	0.00	0.00	0				0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0															

Well Name: UNIVERSITY 20 #4701																
Field Name: AR-WINK , S. (WOLFCAM)				S/T/R: 47//				County, State: WARD, TX								
Operator: ergen Resources Corporati				Location Desc: 47, UL Survey Ward County				District: PB MID								
Daily Summary																
Activity Date :		12/11/2008		Days From Spud :		44		Current Depth :		10605 Ft		24 Hr. Footage Made :		65 Ft		
Formation :		Lime						Weather:								
Rig Company :								Rig Name:								
Daily Cost:		\$29,267		Cum DHC:				\$2,323,317		Total Well Cost:		\$2,323,317				
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	2.00	06	T.O.H f/ bit (strap out)									10540	10540	8		
8:00	0.50	21	Remove rotating head & install flow nipple									10540	10540	8		
8:30	5.50	06	T.O.H (strap out)									10540	10540	8		
14:00	0.50	08	Replace hydrolic hose and fill hydrolic tank									10540	10540	8		
14:30	1.50	06	Cont. T.O.H w/ collars & L/D IBS									10540	10540	8		
16:00	1.00	07	Rig service									10540	10540	8		
17:00	2.50	06	M/U bit & T.I.H to bottom of shoe									10540	10540	9		
19:30	0.50	05	P/U kelly break circ.									10540	10540	9		
20:00	3.00	06	Cont. T.I.H									10540	10540	9		
23:00	0.50	21	Remove flow nipple & install rotate head									10540	10540	9		
23:30	1.00	03	Ream 60' to bottom									10540	10540	9		
0:30	5.50	02	Drilling f/10,540' t/ 10,605'									10540	10605	9		
Total:		24.00														
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
10540	6:00	10.00	10.00	29	1	1	1/2/0	0.0	0.0	0	0.00	2.8%	97.2%	0.0%	0.1%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	10.50	0.00	0.03	0.05	148000	6320	0	0.00	0.00	0				0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0															
Daily Summary																
Activity Date :		12/12/2008		Days From Spud :		45		Current Depth :		10844 Ft		24 Hr. Footage Made :		239 Ft		
Formation :		Lime						Weather:								
Rig Company :								Rig Name:								
Daily Cost:		\$55,179		Cum DHC:				\$2,378,496		Total Well Cost:		\$2,378,496				
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	6.50	02	Drilling f/ 10,605' t/ 10,674'									10605	10674	9		
12:30	1.00	07	Rig service, tighten rotary shaft bolts.									10674	10674	9		
13:30	3.00	02	Drilling f/ 10,674' t/ 10,705									10674	10705	9		
16:30	1.00	10	WLS @ 10,631 1.31 Degrees									10705	10705	9		
17:30	12.50	02	Drilling f/ 10,705' t/ 10,844'									10705	10844	9		
Total:		24.00														
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
10844	6:00	9.95	9.90	29	1	1	1/2/0	100.0	0.0	1	32.00	2.8%	97.2%	0.0%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	10.00	0.05	0.05	0.10	149000	3260	0	0.00	0.00	0				0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0															

Well Name:UNIVERSITY 20 #4701																
Field Name:		AR-WINK , S. (WOLFCAM)			S/T/R:		47//			County,State:		WARD, TX				
Operator:		ergen Resources Corporati			Location Desc:		47, UL Survey Ward County			District:		PB MID				
Daily Summary																
Activity Date :		12/13/2008		Days From Spud :		46		Current Depth :		10860 Ft		24 Hr. Footage Made :		16 Ft		
Formation :		Lime					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$47,116			Cum DHC:			\$2,425,612			Total Well Cost:		\$2,425,612			
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	5.50	02	Drilling f/ 10,844' t/ 10,860'									10844	10860	9		
11:30	6.50	06	T.O.H f/ Bit, remove rotate head, & install flow nipple									10860	10860	NIH		
18:00	0.50	21	Break Bit, L/D Motor									10860	10860	NIH		
18:30	2.50	06	Stap+Caliper(bitsub, jars, IBS) T.I.H w/ collars									10860	10860	10		
21:00	2.00	09	Slip and cut drlg line									10860	10860	10		
23:00	0.50	07	Rig service									10860	10860	10		
23:30	6.00	06	T.I.H (Break circ @ shoe)									10860	10860	10		
5:30	0.50	06	L/D 2jts. Install rotate head									10860	10860	10		
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
10844	6:00	9.95	9.90	29	1	1	1/2/0	100.0	0.0	1	32.00	2.8%	97.2%	0.0%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	10.00	0.05	0.05	0.10	149000	3260	0	0.00	0.00	0				0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0															
Daily Summary																
Activity Date :		12/14/2008		Days From Spud :		47		Current Depth :		11025 Ft		24 Hr. Footage Made :		165 Ft		
Formation :		Lime					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$28,654			Cum DHC:			\$2,454,266			Total Well Cost:		\$2,454,266			
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	1.00	03	P/U Kelly and ream 90' to bottom									10860	10860	10		
7:00	11.00	02	Drilling f/ 10,860' t/10,930'									10860	10930	10		
18:00	0.50	07	Rig Service									10930	10930	10		
18:30	11.50	02	Drilling f/ 10,930' t/ 11025'									10930	11025	10		
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
10898	14:30	9.80	9.90	29	1	1	1/2/0	100.0	0.0	1	32.00	3.1%	96.9%	0.0%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	10.00	0.05	0.05	0.10	145000	2720	0	0.00	0.00	0				0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0															

Well Name:UNIVERSITY 20 #4701																
Field Name:		AR-WINK , S. (WOLFCAM)			S/T/R:		47//			County,State:		WARD, TX				
Operator:		ergen Resources Corporati			Location Desc:		47, UL Survey Ward County			District:		PB MID				
Daily Summary																
Activity Date :		12/15/2008		Days From Spud :		48		Current Depth :		11200 Ft		24 Hr. Footage Made :		175 Ft		
Formation :		Shale					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$25,957			Cum DHC:			\$2,480,223			Total Well Cost:		\$2,480,223			
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	4.00	02	Drilling f/ 11,025' t/ 11,056'										11025	11056	10	
10:00	1.00	07	Service Rig, tighten rotary shaft										11056	11056	10	
11:00	19.00	02	Drilling f/ 11,056' t/ 11,200'										11056	11200	10	
Total:		24.00														
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
11025	14:30	9.90	9.90	29	1	1	1/2/0	100.0	0.0	1	32.00	3.1%	96.9%	0.0%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	10.00	0.05	0.05	0.10	145000	2720	0	0.00	0.00	0				0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0															
Daily Summary																
Activity Date :		12/16/2008		Days From Spud :		49		Current Depth :		11276 Ft		24 Hr. Footage Made :		76 Ft		
Formation :		Shale					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$24,298			Cum DHC:			\$2,504,521			Total Well Cost:		\$2,504,521			
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	3.50	02	Drill f/11,200' to 11,215'.										11200	11215	10	
9:30	0.50	10	Wireline survey at 11,173' 3.32 degree.										11215	11215	10	
10:00	4.00	02	Drill f/ 11,215' to 11,242'.										11215	11242	10	
14:00	0.50	07	Rig service.										11242	11242	10	
14:30	7.50	02	Drill f/ 11,242' to 11,276'.										11242	11276	10	
22:00	8.00	06	Trip out of hole.										11276	11276	10	
Total:		24.00														
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
11235	13:00	9.95	9.95	29	1	1	1/2/0	100.0	0.0	1	32.00	0.0%	1.0%	0.0%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	10.00	0.05	0.05	0.10	149000	2820	0	0.00	0.00	0				0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0															

Well Name: UNIVERSITY 20 #4701															
Field Name: AR-WINK , S. (WOLFCAM)				S/T/R: 47//				County, State: WARD, TX							
Operator: ergen Resources Corporati				Location Desc: 47, UL Survey Ward County				District: PB MID							
Daily Summary															
Activity Date :		12/17/2008		Days From Spud :		50		Current Depth :		11380 Ft		24 Hr. Footage Made :		104 Ft	
Formation :		Shale						Weather:							
Rig Company :								Rig Name:							
Daily Cost:		\$23,439		Cum DHC:				\$2,527,960		Total Well Cost:		\$2,527,960			
Operations															
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run	
6:00	4.00	06	Trip in hole.									11276	11276	10	
10:00	0.50	08	Rig repair hydraulic hose.									11276	11276	11	
10:30	1.50	06	Trip in hole.									11276	11276	11	
12:00	1.50	21	Install new rotating rubber and rig service.									11276	11276	11	
13:30	2.00	06	Trip in hole.									11276	11276	11	
15:30	0.50	03	Wash 30' to bottom.									11276	11276	11	
16:00	12.50	02	Drill f/11,276' to 11,373'.									11276	11373	11	
4:30	1.00	10	Wireline survey at 11,331' 3.22 degree.									11373	11373	11	
5:30	0.50	02	Drill f/ 11,373' to 11,380'..									11373	11380	11	
Total:		24.00													
Mud Properties															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
11371	4:00	9.95	9.95	29	1	1	1/2/0	100.0	0.0	1	32.00	0.0%	1.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	10.00	0.05	0.05	0.10	149000	2820	0	0.00	0.00	0				0	
Water Loss	LCM	ECD	FL Temp	Remarks											
0	0.0														
Daily Summary															
Activity Date :		12/18/2008		Days From Spud :		51		Current Depth :		11580 Ft		24 Hr. Footage Made :		200 Ft	
Formation :		Shale						Weather:							
Rig Company :								Rig Name:							
Daily Cost:		\$90,842		Cum DHC:				\$2,618,802		Total Well Cost:		\$2,618,802			
Operations															
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run	
6:00	6.50	02	Drill f/ 11,380' to 11,435'.									11380	11435	11	
12:30	0.50	07	Rig service.									11435	11435	11	
13:00	14.50	02	Drill f/ 11,435' to 11,562'.									11435	11562	11	
3:30	0.50	10	Wireline survey at 11,520' 2.69 degree.									11562	11562	11	
4:00	2.00	02	Drill f/ 11,520' to 11,580'.									11562	11580	11	
Total:		24.00													
Mud Properties															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
11563	4:00	9.95	9.95	29	1	1	1/2/0	100.0	0.0	1	32.00	0.0%	1.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	10.00	0.05	0.05	0.10	149000	2820	0	0.00	0.00	0				0	
Water Loss	LCM	ECD	FL Temp	Remarks											
0	0.0														

Well Name:UNIVERSITY 20 #4701																
Field Name:		AR-WINK , S. (WOLFCAM)			S/T/R:		47//			County,State:		WARD, TX				
Operator:		ergen Resources Corporati			Location Desc:		47, UL Survey Ward County			District:		PB MID				
Daily Summary																
Activity Date :		12/19/2008		Days From Spud :		52		Current Depth :		11739 Ft		24 Hr. Footage Made :		159 Ft		
Formation :		Shale					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$97,500			Cum DHC:			\$2,716,302			Total Well Cost:		\$2,716,302			
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	6.50	02	Drill f/ 11,580' to 11,620'.										11580	11620	11	
12:30	0.50	07	Rig service.										11620	11620	11	
13:00	17.00	02	Drill f/ 11/620 to 11,739'.										11620	11739	11	
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
11721	4:20	9.95	9.95	38	1	1	1/2/0	100.0	0.0	1	32.00	0.0%	1.0%	0.0%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	10.00	0.05	0.05	0.10	149000	2820	0	0.00	0.00	0				0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0															
Daily Summary																
Activity Date :		12/20/2008		Days From Spud :		53		Current Depth :		11800 Ft		24 Hr. Footage Made :		61 Ft		
Formation :		Shale					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$59,494			Cum DHC:			\$2,775,796			Total Well Cost:		\$2,775,796			
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	15.00	02	Drill f/11,739' to 11,800'.										11739	11800	11	
21:00	1.50	05	Circulate sample and bottoms up.										11800	11800	11	
22:30	7.50	06	Drop totco-Strap out of hole.										11800	11800	11	
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
11800	5:00	9.60	9.60	38	7	8	8/18/0	8.0	0.0	1	32.00	0.0%	1.0%	0.0%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	9.50	0.01	0.01	0.10	120000	200	0	0.00	0.00	0			3/97	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	9.6														

Well Name: UNIVERSITY 20 #4701																
Field Name :		AR-WINK , S. (WOLFCAM)			S/T/R :		47//			County, State :		WARD, TX				
Operator :		ergen Resources Corporati			Location Desc :		47, UL Survey Ward County			District :		PB MID				
Daily Summary																
Activity Date :		12/21/2008		Days From Spud :		54		Current Depth :		11800 Ft		24 Hr. Footage Made :		0 Ft		
Formation :		Shale					Weather :									
Rig Company :							Rig Name :									
Daily Cost :		\$94,586			Cum DHC :			\$2,870,382			Total Well Cost :		\$2,870,382			
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	2.00	06	Trip out of hole for logs.										11800	11800	11	
8:00	1.00	11	Rig up Schlumberger and hold safety meeting.										11800	11800	11	
9:00	15.50	11	Log (loggers TD 11,799').										11800	11800	11	
0:30	2.50	06	Trip in hole.										11800	11800	11	
3:00	2.50	09	Cut 125' drilling line.										11800	11800	11	
5:30	0.50	06	Trip in hole.										11800	11800	11	
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
11800	5:00	9.60	9.60	38	7	8	8/18/0	8.0	0.0	1	32.00	0.0%	1.0%	0.0%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	9.50	0.01	0.01	0.10	120000	200	0	0.00	0.00	0			3/97	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	9.6														
Daily Summary																
Activity Date :		12/22/2008		Days From Spud :		55		Current Depth :		11800 Ft		24 Hr. Footage Made :		0 Ft		
Formation :		Shale					Weather :									
Rig Company :							Rig Name :									
Daily Cost :		\$595,073			Cum DHC :			\$3,465,455			Total Well Cost :		\$3,465,455			
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	5.00	06	Trip in hole.										11800	11800	11	
11:00	3.00	05	Circulate.										11800	11800	11	
14:00	1.00	21	Rig up laydown machine.										11800	11800	11	
15:00	9.50	25	Laydown drill pipe, break kelly, ld drill collars.										11800	11800	11	
0:30	1.00	22	Rig up casing crew.										11800	11800	11	
1:30	4.50	12	Run 7" casing.										11800	11800	11	
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
11800	5:00	9.60	9.60	38	7	8	8/18/0	8.0	0.0	1	32.00	0.0%	1.0%	0.0%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	9.50	0.01	0.01	0.10	120000	200	0	0.00	0.00	0			3/97	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	9.6														

Well Name:UNIVERSITY 20 #4701					
Field Name:	AR-WINK , S. (WOLFCAM)	S/T/R:	47//	County,State:	WARD, TX
Operator:	ergen Resources Corporati	Location Desc:	47, UL Survey Ward County	District:	PB MID

Daily Summary					
Activity Date :	12/23/2008	Days From Spud :	56	Current Depth :	11800 Ft
Formation :	Shale		Weather:	24 Hr. Footage Made : 0 Ft	
Rig Company :			Rig Name:		
Daily Cost:	\$49,344	Cum DHC:	\$3,514,799	Total Well Cost:	\$3,514,799

Operations					
Start	Hrs	Code	Remarks	Start Depth	End Depth
6:00	11.00	12	Run 7" csg.	11800	11800
17:00	1.50	05	Break circ. & circ.	11800	11800
18:30	4.00	21	Lost Circ.	11800	11800
22:30	5.00	05	Circ.(Drain water tanks and fill water tanks with city water, to cmt.)	11800	11800
3:30	2.50	12	R/U Cementers and cement., fix pump truck, get chemicals ready.	11800	11800
Total:	24.00				

Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
11800	5:00	9.60	9.60	38	7	8	8/18/0	8.0	0.0	1	32.00	0.0%	1.0%	0.0%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	9.50	0.01	0.01	0.10	120000	200	0	0.00	0.00	0			3/97	0		
Water Loss		LCM	ECD	FL Temp				Remarks								
0		0.0	9.6													

Formation					
Formation Name	Current Well Top	Subsea Datum	Ref Well Top	Elec Top	Comments

Casing									
DateIn	Setting Depth	Jts Run	Type	Size	Weight	Grade	MINID	HoleDiam	TD
10/31/2008	1168	26	3. Surface	13.375	48	H-40	12.715	17.5	1171
Stage: 1, Lead, 0, 750, 6%D20+3%D44+.125ppsD130, Class C, 1.81, 12.9									
Stage: 1, Tail, 0, 340, Class C+1%S1, Class C, 1.33, 14.8									
12/24/2008	11813.64	262	5. Production	7	26	P-110	6.276	8.75	11800
Stage: 1, Lead, 0, 1100, 50:50POZ:C+10%D20+5%D44+.125pps,D130+.5%D606+.35%D201+.04gpsD177, Class C, 2.37, 11.9									
Stage: 1, Tail, 0, 600, "C"+.35%D201, Class C, 1.78, 13.2									
Stage: 1, Wash, 20, 0, 100 Chemical Wash ahead of lead, , 0, 0									
3/20/2009	2554.95	57	6. Liner	5.5	11.6		3.419	6.125	13276



Energen Resources Corp.

605 Richard Arrington Blvd.

Birmingham, AL 35205

(800) 292-4005

R E S O U R C E S

Drilling Chronological

Well Name: UNIVERSITY 20 #4701

Field Name:	AR-WINK , S. (WOLFCAM)	S/T/R:	47//	County, State:	WARD, TX
Operator:	ergen Resources Corporati	Location Desc:	47, UL Survey Ward County	District:	PB MID
Project AFE:	PB111108	AFEs Associated:	/ / /		

Daily Summary

Activity Date :	12/24/2008	Days From Spud :	57	Current Depth :	11800 Ft	24 Hr. Footage Made :	0 Ft
Formation :	Shale			Weather:			
Rig Company :				Rig Name:			
Daily Cost:	\$100,905		Cum DHC:	\$100,905		Total Well Cost:	\$100,905

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.00	12	Cement 7" csg. Plug down @ 8:00a.m	11800	11800	NIH
8:00	6.00	13	Wait on cement	11800	11800	NIH
14:00	4.50	14	Nipple down, set slips, cutoff, take DSA out and spool install tubeing head.	11800	11800	NIH
18:30	0.50	15	Test head to 5000# held for 20 min test ok.	11800	11800	NIH
19:00	3.00	14	Nipple up BOP, channge pipe rams install 3 1/2 rams.	11800	11800	NIH
22:00	5.00	15	test BOP 5000# high, 250# low all test ok	11800	11800	NIH
3:00	3.00	11	Rig up gyro and run gyro w/ 100' surveys.	11800	11800	NIH
Total:	24.00					

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
11800	5:00	9.60	9.60	38	7	8	8/18/0	8.0	0.0	1	32.00	0.0%	1.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	9.50	0.01	0.01	0.10	120000	200	0	0.00	0.00	0			3/97	0	
Water Loss		LCM	ECD	FL Temp			Remarks								
0		0.0	9.6												

Daily Summary

Activity Date :	12/25/2008	Days From Spud :	58	Current Depth :	11800 Ft	24 Hr. Footage Made :	0 Ft
Formation :	Shale			Weather:			
Rig Company :				Rig Name:			
Daily Cost:	\$60,503		Cum DHC:	\$161,408		Total Well Cost:	\$161,408

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	3.00	11	Run Gyro's w/100' surveys	11800	11800	NIH
9:00	8.50	11	Run Gamma logs, cbl, and collar locator	11800	11800	NIH
17:30	3.00	21	Set Bridge plug@10,940' for whipstock, rig down schlumberger.	11800	11800	NIH
20:30	0.50	08	Repair Rotary locks	11800	11800	NIH
21:00	1.00	22	P/U Kelly to make up x-o,saber sub, and kelly valve	11800	11800	NIH
22:00	1.00	23	Set kelly back	11800	11800	NIH
23:00	7.00	06	Rig up L/D truck, pick up BHA and 3 1/2 pipe	11800	11800	NIH
Total:	24.00					

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
11800	5:00	9.60	9.60	38	7	8	8/18/0	8.0	0.0	1	32.00	0.0%	1.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	9.50	0.01	0.01	0.10	120000	200	0	0.00	0.00	0			3/97	0	
Water Loss		LCM	ECD	FL Temp			Remarks								
0		0.0	9.6												

Well Name:UNIVERSITY 20 #4701																
Field Name:		AR-WINK , S. (WOLFCAM)			S/T/R:		47//			County,State:		WARD, TX				
Operator:		ergen Resources Corporati			Location Desc:		47, UL Survey Ward County			District:		PB MID				
Daily Summary																
Activity Date :		12/26/2008		Days From Spud :		59		Current Depth :		11800 Ft		24 Hr. Footage Made :		0 Ft		
Formation :		Shale					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$48,195			Cum DHC:			\$209,603			Total Well Cost:		\$209,603			
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	5.50	06	Pick up 3 1/2 pipe and tag bridge plug @ 10,928'										11800	11800	NIH	
11:30	0.50	21	Rig down laydown truck										11800	11800	NIH	
12:00	0.50	07	Service rig										11800	11800	NIH	
12:30	1.50	06	Laydown kelly and pick up 4 1/2 kelly										11800	11800	NIH	
14:00	2.50	05	Displace hole with 9.9 - 10.0 lb. brine										11800	11800	NIH	
16:30	0.50	08	Repair air compressor										11800	11800	NIH	
17:00	6.00	06	T.O.H w/ practice mill										11800	11800	NIH	
23:00	0.50	22	P/U kelly and measure										11800	11800	NIH	
23:30	6.50	06	P/U Whipstock BHA and T.I.H										11800	11800	NIH	
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
11800	5:00	9.60	9.60	38	7	8	8/18/0	8.0	0.0	1	32.00	0.0%	1.0%	0.0%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	9.50	0.01	0.01	0.10	120000	200	0	0.00	0.00	0			3/97	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	9.6														
Daily Summary																
Activity Date :		12/27/2008		Days From Spud :		60		Current Depth :		11800 Ft		24 Hr. Footage Made :		0 Ft		
Formation :		Shale					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$53,285			Cum DHC:			\$262,888			Total Well Cost:		\$262,888			
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	3.50	06	Finish T.I.H w/ Whipstock and mills										11800	11800	NIH	
9:30	2.00	09	Slip & Cut 120' Drilling line										11800	11800	NIH	
11:30	0.50	07	Service Rig										11800	11800	NIH	
12:00	2.00	20	Rig Up Wireline truck to orientate whipstock										11800	11800	NIH	
14:00	1.00	20	Orientate whipstock to 48 degrees, set slips with 12,000 lbs, pull over 10,000 to check slips,shear off whipstock with setting 28,000 on it.										11800	11800	NIH	
15:00	0.50	02	Pull wireline tool										11800	11800	NIH	
15:30	11.00	02	Start Milling window @ 10,923'										11800	11800	NIH	
2:30	2.00	08	Repair Electrical power breaker to hydraulic station										11800	11800	NIH	
4:30	1.50	02	Continue to mill window finish @ 10,936'										11800	11800	NIH	
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
11800	5:00	9.60	9.60	38	7	8	8/18/0	8.0	0.0	1	32.00	0.0%	1.0%	0.0%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	9.50	0.01	0.01	0.10	120000	200	0	0.00	0.00	0			3/97	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	9.6														

Well Name: UNIVERSITY 20 #4701																	
Field Name: AR-WINK , S. (WOLFCAM)				S/T/R: 47//				County, State: WARD, TX									
Operator: ergen Resources Corporati				Location Desc: 47, UL Survey Ward County				District: PB MID									
Daily Summary																	
Activity Date :		12/28/2008		Days From Spud :		61		Current Depth :		10936 Ft		24 Hr. Footage Made :		0 Ft			
Formation :		Lime						Weather:									
Rig Company :								Rig Name:									
Daily Cost:		\$66,736		Cum DHC:				\$329,624		Total Well Cost:		\$329,624					
Operations																	
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run		
6:00	2.00	05	Pump 2 sweeps & circ. Out										11800	11800	NIH		
8:00	4.00	06	T.O.H w/ mills										11800	11800	NIH		
12:00	0.50	07	Service rig										11800	11800	NIH		
12:30	1.00	21	Rig up footage counter on drawworks and calibrate for mwd.										11800	11800	NIH		
13:30	1.50	20	Pick up Directional BHA										11800	11800	NIH		
15:00	0.50	05	Pick up Kelly and test motor										11800	11800	NIH		
15:30	6.50	06	Set Kelly back and T.I.H w/ 94 stnds DP, 15 stnds HWDP, 63 stnds DP										10936	10936	12		
22:00	2.00	22	Stab rubber on drill pipe & install rotate rubber.										10936	10936	12		
0:00	0.50	22	Rig up rotate swedge for wireline, run wireline in hole to orientate motor.										10936	10936	12		
0:30	3.50	23	Wait on unions to hook kelly hose up to circ. Swedge.										10936	10936	12		
4:00	1.00	22	Install unions on kelly hose and circ. Swedge.										10936	10936	12		
5:00	1.00	20	Run wireline to orientate motor.										10936	10936	12		
Total:		24.00															
Mud Properties																	
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand		
10936	12:00	9.80	9.80	38	8	10	10/19/0	8.0		1	32.00	1.2%	98.8%	0.0%	0.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss			
0.0	10.00	0.05	0.05	0.10	130000	8060	0	0.00	0.00	0			0/100	0			
Water Loss	LCM	ECD	FL Temp	Remarks													
0	0.0	9.6															
Daily Summary																	
Activity Date :		12/29/2008		Days From Spud :		62		Current Depth :		10955 Ft		24 Hr. Footage Made :		19 Ft			
Formation :		Shale						Weather:									
Rig Company :								Rig Name:									
Daily Cost:		\$129,303		Cum DHC:				\$458,927		Total Well Cost:		\$458,927					
Operations																	
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run		
6:00	4.00	20	Run wireline to orientate motor out the window.										10936	10936	12		
10:00	19.00	02	Time Drlg. f/ 10,936' t/ 10,955'.										10936	10955	12		
5:00	1.00	21	Pull gyro, change union to fit swivel.										10955	10955	12		
Total:		24.00															
Mud Properties																	
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand		
10960	10:00	10.00	10.00	38	6	10	10/19/0	7.0		0	32.00	1.5%	98.5%	0.0%	0.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss			
0.0	9.00	0.05	0.05	0.10	138000	8060	0	0.00	0.00	0			0/100	0			
Water Loss	LCM	ECD	FL Temp	Remarks													
0	0.0																

Well Name: UNIVERSITY 20 #4701																
Field Name: AR-WINK , S. (WOLFCAM)			S/T/R: 47//			County, State: WARD, TX										
Operator: ergen Resources Corporati			Location Desc: 47, UL Survey Ward County			District: PB MID										
Daily Summary																
Activity Date :		12/30/2008		Days From Spud :		63		Current Depth :		11032 Ft		24 Hr. Footage Made :		77 Ft		
Formation :		Shale					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$83,460		Cum DHC:		\$542,387		Total Well Cost:		\$542,387						
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	3.00	02	Drill f/10,955' to 10,964'.									10955	10964	12		
9:00	1.50	21	Pickup swivel to run gyro.									10964	10964	12		
10:30	6.50	02	Slide drill f/ 10,964' to 10,986'.									10964	10986	12		
17:00	1.00	21	Set gyro tool back and pick up kelly.									10986	10986	12		
18:00	5.50	02	Drill f/ 10,986' to 11,011'.									10986	11011	12		
23:30	3.50	02	Slide drill f/11,011' to 11,027'.									11011	11027	12		
3:00	2.00	21	Pickup gyro and run survey.									11027	11027	12		
5:00	0.50	21	Rig down gyro truck.									11027	11027	12		
5:30	0.50	02	Drill f/11,027' to 11,032'.									11027	11032	12		
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
11027	10:00	10.00	10.00	38	6	10	10/19/0	7.0		0	32.00	1.5%	98.5%	0.0%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	9.00	0.05	0.05	0.10	138000	8060	0	0.00	0.00	0			0/100	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0															
Daily Summary																
Activity Date :		12/31/2008		Days From Spud :		64		Current Depth :		11130 Ft		24 Hr. Footage Made :		98 Ft		
Formation :		Shale					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$50,746		Cum DHC:		\$593,133		Total Well Cost:		\$593,133						
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	3.00	02	Rotary drill f/ 11,032' to 11,037'.									11032	11037	12		
9:00	4.00	02	Slide drill f/ 11,037' to 11,054'.									11037	11054	12		
13:00	1.00	02	Rotary drill f/11,054' to 11,059'.									11054	11059	12		
14:00	6.75	02	Slide drill f/11,059' to 11,074'.									11059	11074	12		
20:45	1.00	08	Swivel leaking.									11074	11074	12		
21:45	0.25	10	Survey at 11,044' 17.10 inc 71.24 azim.									11074	11074	12		
22:00	1.50	02	Slide drill f/ 11,074' to 11,100'.									11074	11100	12		
23:30	5.00	02	Rotary drill f/11,100' to 11,123'.									11100	11123	12		
4:30	1.50	02	Slide drill f/11,123' to 11,130'.									11123	11130	12		
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
11123	4:00	10.00	10.00	38	6	15	15/19/0	8.0		1	32.00	0.0%	1.0%	0.0%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	10.00	0.05	0.05	0.10	140000	3200	0	0.00	0.00	0			3/97	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	10.1														

Well Name: UNIVERSITY 20 #4701																	
Field Name:		AR-WINK , S. (WOLFCAM)				S/T/R:		47//				County, State:		WARD, TX			
Operator:		ergen Resources Corporati				Location Desc:		47, UL Survey Ward County				District:		PB MID			
Daily Summary																	
Activity Date :		1/1/2009		Days From Spud :		65		Current Depth :		11150 Ft		24 Hr. Footage Made :		30 Ft			
Formation :		Shale				Weather:											
Rig Company :						Rig Name:											
Daily Cost:		\$69,371				Cum DHC:		\$662,504		Total Well Cost:		\$662,504					
Operations																	
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run			
6:00	2.00	02	Slide drill f/11,130' to 11,135'.									11130	11135	12			
8:00	5.00	06	Trip out of hole.									11135	11135	12			
13:00	0.50	21	Pull rotating rubber off pipe.									11135	11135	12			
13:30	1.50	20	Change out MWD.									11135	11135	12			
15:00	2.50	06	Trip in hole.									11135	11135	12			
17:30	4.50	08	Rig repair(fix brakes).									11135	11135	12			
22:00	3.00	06	Trip in hole.									11135	11135	12			
1:00	1.00	08	Rig repair(main hydraulic line).									11135	11135	12			
2:00	0.50	22	Install rotating head rubber.									11135	11135	12			
2:30	1.00	06	Trip in hole.									11135	11135	12			
3:30	0.50	20	Get new tool face.									11135	11135	12			
4:00	1.50	02	Slide drill from 11,135' to 11,145'.									11135	11145	12			
5:30	0.50	02	Rotary drill from 11,145' to 11,150'.									11135	11150	12			
Total:		24.00															
Mud Properties																	
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand		
11135	12:00	10.00	10.00	38	4	16	15/19/0	10.0		1	32.00	3.4%	1.0%	0.0%	0.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss			
0.0	10.00	0.05	0.05	0.10	144000	4000	0	0.00	0.00	0			3/97	0			
Water Loss		LCM	ECD	FL Temp	Remarks												
0		0.0	10.1														

Well Name:UNIVERSITY 20 #4701																
Field Name: AR-WINK , S. (WOLFCAM)				S/T/R: 47//				County,State: WARD, TX								
Operator: ergen Resources Corporati				Location Desc: 47, UL Survey Ward County				District: PB MID								
Daily Summary																
Activity Date :		1/2/2009		Days From Spud :		66		Current Depth :		11272 Ft		24 Hr. Footage Made :		122 Ft		
Formation :		Shale						Weather:								
Rig Company :								Rig Name:								
Daily Cost:		\$51,443		Cum DHC:				\$713,947		Total Well Cost:		\$713,947				
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	5.00	02	Slide drill from 11,150' to 11,174'.									11150	11174	12		
11:00	1.50	02	Rotary drill f/ 11,174' to 11,184'.									11174	11184	12		
12:30	0.50	07	Rig service.									11184	11184	12		
13:00	1.00	08	Run out of air on rig.									11184	11184	12		
14:00	4.00	02	Slide drill f/ 11,184' to 11,210'.									11184	11210	12		
18:00	1.00	02	Rotary drill f/ 11,210' to 11,215'.									11210	11215	12		
19:00	0.50	10	Survey at 11,170' 26.39 deg 68.26 azimuth.									11215	11215	12		
19:30	4.50	02	Slide drill f/ 11,215' to 11,244'.									11215	11244	12		
0:00	1.00	02	Rotary drill f/11,244' to 11,247'.									11244	11247	12		
1:00	0.50	10	Survey at 11,201' 29.24deg 66.70 azimuth.									11247	11247	12		
1:30	4.50	02	Slide drill f/11,247' to 11,272'.									11247	11272	12		
Total:		24.00														
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
11259	4:00	10.00	10.00	36	9	17	15/18/0	10.0		1	32.00	4.5%	1.0%	0.0%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	9.00	0.05	0.05	0.10	145000	2000	0	0.00	0.00	0			3/97	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	10.1														
Daily Summary																
Activity Date :		1/3/2009		Days From Spud :		67		Current Depth :		11357 Ft		24 Hr. Footage Made :		85 Ft		
Formation :		Shale						Weather:								
Rig Company :								Rig Name:								
Daily Cost:		\$65,511		Cum DHC:				\$779,458		Total Well Cost:		\$779,458				
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	2.00	02	Slide drill f/11,272' to 11,275'.									11272	11275	12		
8:00	1.00	02	Rotary drill f/11,275' to 11,279'.									11275	11279	12		
9:00	6.00	02	Slide drill f/11,279' to 11,306'.									11279	11306	12		
15:00	1.00	02	Rotary drill f/11,306' to 11,311'.									11306	11311	12		
16:00	0.50	07	Rig service.									11311	11311	12		
16:30	6.50	02	Slide drill f/11,311' to 11,339'.									11311	11339	12		
23:00	1.00	02	Rotary drill f/11,339' to 11,342'.									11339	11342	12		
0:00	0.50	10	Survey at 11,296' 41.22deg 53.33 azimuth.									11342	11342	12		
0:30	5.50	02	Slide drill f/11,342' to 11,357'.									11342	11357	12		
Total:		24.00														
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
11352	4:00	10.00	10.00	38	7	16	15/17/0	8.0		1	32.00	3.6%	96.4%	0.0%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	10.00	0.05	0.05	0.10	142000	2000	0	0.00	0.00	0			0/100	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	10.1														

Well Name: UNIVERSITY 20 #4701																
Field Name:		AR-WINK , S. (WOLFCAM)				S/T/R:		47//				County, State:		WARD, TX		
Operator:		Ergen Resources Corporati				Location Desc:		47, UL Survey Ward County				District:		PB MID		
Daily Summary																
Activity Date :		1/4/2009		Days From Spud :		68		Current Depth :		11421 Ft		24 Hr. Footage Made :		64 Ft		
Formation :		Shale						Weather:								
Rig Company :								Rig Name:								
Daily Cost:		\$48,091				Cum DHC:		\$827,549		Total Well Cost:		\$827,549				
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	3.00	02	Slide drill f/11,357' to 11,368'.									11357	11368	12		
9:00	1.00	02	Rotary drill f/11,368' to 11,374'.									11368	11374	12		
10:00	9.00	02	Slide drill f/11,374' to 11,400'.									11374	11400	12		
19:00	4.00	02	Rotary drill f/11,400' to 11,406'.									11400	11406	12		
23:00	0.50	07	Rig service.									11406	11406	12		
23:30	6.50	02	Slide drill f/11,406' to 11,421'.									11406	11421	12		
Total:		24.00														
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
11417	4:00	10.00	10.00	38	7	16	15/17/0	10.0		1	32.00	3.2%	96.8%	0.0%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	10.00	0.05	0.05	0.10	150000	3200	0	0.00	0.00	0			0/100	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	10.1														
Daily Summary																
Activity Date :		1/5/2009		Days From Spud :		69		Current Depth :		11425 Ft		24 Hr. Footage Made :		4 Ft		
Formation :		Shale						Weather:								
Rig Company :								Rig Name:								
Daily Cost:		\$57,718				Cum DHC:		\$885,267		Total Well Cost:		\$885,267				
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	2.50	02	Slide drill f/11,421' to 11,425'.									11421	11425	12		
8:30	5.50	06	Trip out of hole.									11425	11425	12		
14:00	1.00	20	Laydown motor.									11425	11425	12		
15:00	0.50	07	Rig service.									11425	11425	12		
15:30	1.00	20	Pickup new motor and MWD.									11425	11425	12		
16:30	2.00	06	Trip in hole.									11425	11425	12		
18:30	7.50	08	Rig repair(replace double pin and swivel).									11425	11425	12		
2:00	3.50	06	Trip in hole.									11425	11425	12		
5:30	0.50	20	Orientate motor.									11425	11425	12		
Total:		24.00														
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
11421	4:00	10.00	10.00	38	6	19	18/20/0	8.0		1	32.00	3.0%	97.0%	0.0%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	10.00	0.05	0.05	0.10	152000	4000	0	0.00	0.00	0			0/100	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	10.1														

Well Name:UNIVERSITY 20 #4701															
Field Name:		AR-WINK , S. (WOLFCAM)		S/T/R:		47//		County,State:		WARD, TX					
Operator:		ergen Resources Corporati		Location Desc:		47, UL Survey Ward County		District:		PB MID					
Daily Summary															
Activity Date :		1/6/2009		Days From Spud :		70		Current Depth :		11443 Ft		24 Hr. Footage Made :		18 Ft	
Formation :		Shale				Weather:									
Rig Company :						Rig Name:									
Daily Cost:		\$62,956		Cum DHC:		\$948,223		Total Well Cost:		\$948,223					
Operations															
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run	
6:00	0.50	20	Orientate Motor									11425	11425	3	
6:30	7.00	02	Slide Drill f/ 11,425' t/ 11,438'									11425	11438	3	
13:30	0.50	07	Service Rig									11438	11438	3	
14:00	4.00	02	Slide Drill f/ 11,438' t/ 11,443'									11438	11443	3	
18:00	7.50	06	Set Kelly back, T.O.H f/ Bit,Chain out while working on pipe spinners									11443	11443	3	
1:30	2.00	20	Make up new Motor & Orientate									11443	11443	4	
3:30	2.50	06	T.I.H									11443	11443	4	
Total:		24.00													
Mud Properties															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
11439	4:00	10.00	10.00	41	6	19	19/20/0	10.0		1	32.00	3.1%	96.9%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	10.00	0.05	0.05	0.10	150000	4000	0	0.00	0.00	0			0/100	0	
Water Loss	LCM	ECD	FL Temp	Remarks											
0	0.0	10.1													
Daily Summary															
Activity Date :		1/7/2009		Days From Spud :		71		Current Depth :		11526 Ft		24 Hr. Footage Made :		83 Ft	
Formation :		Shale				Weather:									
Rig Company :						Rig Name:									
Daily Cost:		\$80,615		Cum DHC:		\$1,028,838		Total Well Cost:		\$1,028,838					
Operations															
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run	
6:00	2.50	06	Finish T.I.H									11443	11443	4	
8:30	0.50	05	Break Circulation									11443	11443	4	
9:00	1.00	08	Tighten packing in swivel									11443	11443	4	
10:00	0.50	06	T.O.H 10 stnds									11443	11443	4	
10:30	2.00	08	Replace packing in swivel									11443	11443	4	
12:30	0.50	06	T.I.H 10 stnds, pick up kelly									11443	11443	4	
13:00	10.50	02	Slide Drill f/ 11,443' t/11,494' (c/s @ 11,423' 58.95)									11443	11494	4	
23:30	0.50	08	Tighten Swivel									11494	11494	4	
0:00	2.00	02	Rotary Drill f/ 11,494' t/ 11,501' (survey @ 11,455' 65.45)									11494	11501	4	
2:00	4.00	02	Slide Drill f/ 11,501' t/ 11,526'									11501	11526	4	
Total:		24.00													
Mud Properties															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
11443	13:00	10.00	10.00	42	8	19	18/20/0	12.0		1	32.00	3.7%	96.3%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	10.00	0.05	0.05	0.10	140000	4000	0	0.00	0.00	0			0/100	0	
Water Loss	LCM	ECD	FL Temp	Remarks											
0	0.0	10.1													

Well Name: UNIVERSITY 20 #4701															
Field Name: AR-WINK , S. (WOLFCAM)				S/T/R: 47//				County, State: WARD, TX							
Operator: ergen Resources Corporati				Location Desc: 47, UL Survey Ward County				District: PB MID							
Daily Summary															
Activity Date :		1/8/2009		Days From Spud :		72		Current Depth :		11659 Ft		24 Hr. Footage Made :		133 Ft	
Formation :		Shale						Weather:							
Rig Company :								Rig Name:							
Daily Cost:		\$88,457		Cum DHC:		\$1,117,295		Total Well Cost:		\$1,117,295					
Operations															
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run	
6:00	2.00	02	Rotary Drill f/ 11,526' t/ 11,540'									11526	11540	4	
8:00	3.50	02	Slide Drill f/ 11,540' t/ 11,558'									11540	11558	4	
11:30	0.50	02	Rotary Drill f/ 11,558' t/ 11,565'									11558	11565	4	
12:00	0.50	07	Rig Service									11565	11565	4	
12:30	1.50	02	Rotary Drill f/ 11,565' t/ 11,580'									11565	11580	4	
14:00	5.00	02	Slide Drill f/ 11,580' t/ 11,596'									11580	11596	4	
19:00	2.00	02	Rotary Drill f/ 11,596' t/ 11,612'									11596	11612	4	
21:00	4.00	02	Slide Drill f/ 11,612' t/ 11,627'									11612	11627	4	
1:00	2.00	02	Rotary Drill f/ 11,627' t/ 11,643'									11627	11643	4	
3:00	3.00	02	Slide Drill f/ 11,643' t/ 11,659'									11643	11659	4	
Total:	24.00														
Mud Properties															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
15818	13:00	10.20	9.80	41	15	15	4/9/0	5.0		1	32.00	12.3%	87.7%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	9.00	0.05	0.05	0.10	155000	1400	0	0.00	0.00	0			0/100	0	
Water Loss	LCM	ECD	FL Temp	Remarks											
0	0.0	10.1													

Well Name: UNIVERSITY 20 #4701															
Field Name:	AR-WINK , S. (WOLFCAM)				S/T/R:	47//				County, State:	WARD, TX				
Operator:	Ergen Resources Corporati				Location Desc:	47, UL Survey Ward County				District:	PB MID				
Daily Summary															
Activity Date :	1/9/2009		Days From Spud :	73		Current Depth :	11675 Ft		24 Hr. Footage Made :	16 Ft					
Formation :	Shale					Weather:									
Rig Company :						Rig Name:									
Daily Cost:	\$85,167			Cum DHC:	\$1,202,462			Total Well Cost:	\$1,202,462						
Operations															
Start	Hrs	Code	Remarks							Start Depth	End Depth	Run			
6:00	1.50	02	Rotate f/ 11,659' t/ 11,675							11659	11675	4			
7:30	0.50	05	Pump Slug & Set kelly back							11675	11675	4			
8:00	6.50	06	T.O.H, L/D 5 jts.							11675	11675	NIH			
14:30	1.00	20	L/D Dir. Tools							11675	11675	NIH			
15:30	1.00	09	Slip & Cut Drlg Line.							11675	11675	NIH			
16:30	0.50	07	Rig Service							11675	11675	NIH			
17:00	1.00	20	P/U Dir. Tools, M/U bit, test motor with kelly							11675	11675	5			
18:00	1.50	20	Finish picking up Dir. Tools.							11675	11675	5			
19:30	0.50	06	T.I.H 17 stnds.							11675	11675	5			
20:00	1.00	20	Hook up Dir. Sensor & Test motor							11675	11675	5			
21:00	1.00	06	T.I.H to get 60,000 hook load							11675	11675	5			
22:00	2.00	08	Change out swivels							11675	11675	5			
0:00	0.50	05	Test kelly & motor							11675	11675	5			
0:30	2.50	06	T.I.H to top of window							11675	11675	5			
3:00	1.00	21	Pull Drilling nipple and install Rotateing Rubber							11675	11675	5			
4:00	1.00	06	T.I.H							11675	11675	5			
5:00	0.50	05	Fill pipe							11675	11675	5			
5:30	0.50	06	Cont. T.I.H							11675	11675	5			
Total:	24.00														
Mud Properties															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
11675	12:00	10.50	10.50	38	12	14	5/8/0	6.0		1	32.00	5.4%	94.6%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	9.00	0.05	0.05	0.10	160000	1320	0	0.00	0.00	0			0/100	0	
Water Loss	LCM	ECD	FL Temp	Remarks											
0	0.0	0.0													

Well Name: UNIVERSITY 20 #4701															
Field Name: AR-WINK , S. (WOLFCAM)			S/T/R: 47//			County, State: WARD, TX									
Operator: Egeren Resources Corporati			Location Desc: 47, UL Survey Ward County			District: PB MID									
Daily Summary															
Activity Date :		1/10/2009		Days From Spud :		74		Current Depth :		11730 Ft		24 Hr. Footage Made :		55 Ft	
Formation :		Shale				Weather:									
Rig Company :						Rig Name:									
Daily Cost:		\$82,268		Cum DHC:		\$1,284,730		Total Well Cost:		\$1,284,730					
Operations															
Start	Hrs	Code	Remarks								Start Depth	End Depth	Run		
6:00	0.50	06	Work tight spot								11675	11675	5		
6:30	1.50	03	P/U Kelly and ream 3jts down								11675	11675	5		
8:00	1.00	06	Set kelly back and T.I.H to 11,525'								11675	11675	5		
9:00	1.50	03	P/U Kelly and start washing to btm.								11675	11675	5		
10:30	2.50	08	Wait on electrician (break system down)								11675	11675	5		
13:00	2.50	08	Repair break system & Change out rotateing rubber								11675	11675	5		
15:30	6.00	03	P/U Kelly and start washing to btm.								11675	11675	5		
21:30	0.50	20	Down Link To Powerdrive								11675	11675	5		
22:00	8.00	02	Drilling f/ 11,675' t/ 11,730'								11675	11730	5		
Total:		24.00													
Mud Properties															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
11675	12:00	10.80	10.70	41			//0								
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
					160000	1320	0	0.00	0.00	0					0
Water Loss	LCM	ECD	FL Temp	Remarks											
0	0.0	0.0													
Daily Summary															
Activity Date :		1/11/2009		Days From Spud :		75		Current Depth :		12090 Ft		24 Hr. Footage Made :		360 Ft	
Formation :		Shale				Weather:									
Rig Company :						Rig Name:									
Daily Cost:		\$110,628		Cum DHC:		\$1,395,358		Total Well Cost:		\$1,395,358					
Operations															
Start	Hrs	Code	Remarks								Start Depth	End Depth	Run		
6:00	6.50	02	Drilling f/ 11,730' t/ 11,783'								11730	11783	5		
12:30	0.50	07	Rig Service								11783	11783	5		
13:00	8.50	02	Drilling f/ 11,783' t/ 11,941'								11783	11941	5		
21:30	1.00	21	Pull Rotateing Rubber & Install new Rubber								11941	11941	5		
22:30	1.00	02	Drilling f/ 11,941' t/ 11,958'								11941	11958	5		
23:30	0.50	10	Take survey (gas comeing back dropping psi)								11958	11958	5		
0:00	0.50	02	Drilling f/ 11,958' t/ 11,973'								11958	11973	5		
0:30	0.50	10	Take survey (gas comeing back dropping psi)								11973	11973	5		
1:00	5.00	02	Drilling f/ 11,973' t/ 12,090								11973	12090	5		
Total:		24.00													
Mud Properties															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
11757	15:00	11.00	10.90	37	16	17	4/6/0	7.0		1		8.8%	91.2%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
	8.50				162000	1320	0	0.00	0.00	0					0
Water Loss	LCM	ECD	FL Temp	Remarks											
0	0.0	0.0													

Well Name: UNIVERSITY 20 #4701																
Field Name:		AR-WINK , S. (WOLFCAM)			S/T/R:		47//			County, State:		WARD, TX				
Operator:		Ergen Resources Corporati			Location Desc:		47, UL Survey Ward County			District:		PB MID				
Daily Summary																
Activity Date :		1/12/2009		Days From Spud :		76		Current Depth :		12210 Ft		24 Hr. Footage Made :		120 Ft		
Formation :		Shale					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$121,092			Cum DHC:			\$1,516,450			Total Well Cost:		\$1,516,450			
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	4.00	02	Drilling f/ 12,090' t/ 12,132'									12090	12132	5		
10:00	12.00	05	Circ. & Condition mud to kill gas (get premix up to 14lb to pump over)									12132	12132	5		
22:00	3.00	05	Pump 14lb mud one full circulation. Blend in exisiting mud									12132	12132	5		
1:00	0.50	08	4" vibrating hose between pumps(bull plug line to no.2 pump)									12132	12132	5		
1:30	4.50	02	Drilling f/ 12,132' t/12,210'									12132	12210	5		
Total:		24.00														
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
12200	5:00	11.90	11.70	54	41	23	6/11/0	5.0		1		15.3%	84.7%			
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	8.00				160000	1320	0	0.00	0.00	0				0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	0.0														
Daily Summary																
Activity Date :		1/13/2009		Days From Spud :		77		Current Depth :		12532 Ft		24 Hr. Footage Made :		322 Ft		
Formation :		Shale					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$121,670			Cum DHC:			\$1,638,120			Total Well Cost:		\$1,638,120			
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	7.50	02	Drill f/12,210' to 12,321'.									12210	12321	5		
13:30	0.50	07	Rig service.									12321	12321	5		
14:00	4.00	02	Drill f/12,321' to 12,385'.									12321	12385	5		
18:00	1.00	20	Tool malfunction- down linking.									12385	12385	5		
19:00	11.00	02	Drill f/12,385' to 12,532'.									12385	12532	5		
Total:		24.00														
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
12509	5:00	12.30	12.00	54	41	23	6/11/0	5.0		1		15.3%	60.0%	20.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	8.50				160000	1200	0	0.00	0.00	0			25/75	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	0.0														

Well Name: UNIVERSITY 20 #4701																
Field Name: AR-WINK , S. (WOLFCAM)				S/T/R: 47//				County, State: WARD, TX								
Operator: ergen Resources Corporati				Location Desc: 47, UL Survey Ward County				District: PB MID								
Daily Summary																
Activity Date :		1/14/2009		Days From Spud :		78		Current Depth :		12922 Ft		24 Hr. Footage Made :		390 Ft		
Formation :		Shale						Weather:								
Rig Company :								Rig Name:								
Daily Cost:		\$133,180		Cum DHC:				\$1,771,300		Total Well Cost:		\$1,771,300				
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	0.50	20	MWD would not work.									12532	12532	5		
6:30	0.50	02	Drill f/12,532' to 12,542'.									12532	12542	5		
7:00	0.50	20	MWD would not work.									12542	12542	5		
7:30	3.50	02	Drill f/12,542' to 12,605'.									12542	12605	5		
11:00	0.50	20	Replace mwd sensor.									12605	12605	5		
11:30	1.50	02	Drill f/12,605' to 12,638'.									12605	12638	5		
13:00	0.50	07	Rig service.									12638	12638	5		
13:30	11.50	02	Drill f/12,638' to 12,747'.									12638	12747	5		
1:00	0.50	20	MWD would not read.									12747	12747	5		
1:30	4.50	02	Drill f/ 12,747' to 12,922'.									12747	12922	5		
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
12895	5:00	12.50	12.00	58	45	15	13/15/0	7.0		2		20.1%	70.0%	10.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	9.00		0.10	0.38	150000	660	0	0.00	0.00	0			13/87	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	0.0														
Daily Summary																
Activity Date :		1/15/2009		Days From Spud :		79		Current Depth :		13212 Ft		24 Hr. Footage Made :		290 Ft		
Formation :		Sand Stone						Weather:								
Rig Company :								Rig Name:								
Daily Cost:		\$100,280		Cum DHC:				\$1,871,580		Total Well Cost:		\$1,871,580				
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	4.50	02	Drilling f/ 12,922' t/ 13,017'									12922	13017	5		
10:30	1.00	21	Replace Rotating Rubber									13017	13017	5		
11:30	0.50	22	Cycle pumps for MWD									13017	13017	5		
12:00	2.00	02	Drilling f/ 13,017' t/ 13,049'									13017	13049	5		
14:00	1.50	22	Cycle pumps for MWD									13049	13049	5		
15:30	1.00	02	Drilling f/ 13,049' t/ 13,070'									13049	13070	5		
16:30	0.50	22	Cycle pumps for MWD									13070	13070	5		
17:00	4.50	02	Drilling f/ 13,070' t/ 13,146'									13070	13146	5		
21:30	4.50	22	Work on getting signal for MWD tool (signal was weak)									13146	13146	5		
2:00	4.00	02	Drilling f/ 13,146' t/ 13,212'									13146	13212	5		
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
12922	5:00	12.50	12.00	58	45	15	13/15/0	7.0		2		20.1%	70.0%	10.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	9.00		0.10	0.38	150000	660	0	0.00	0.00	0			13/87	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	0.0														

Well Name:UNIVERSITY 20 #4701																
Field Name:		AR-WINK , S. (WOLFCAM)				S/T/R:		47//				County,State:		WARD, TX		
Operator:		Ergen Resources Corporati				Location Desc:		47, UL Survey Ward County				District:		PB MID		
Daily Summary																
Activity Date :		1/16/2009		Days From Spud :		80		Current Depth :		13620 Ft		24 Hr. Footage Made :		408 Ft		
Formation :		Sand Stone						Weather:								
Rig Company :								Rig Name:								
Daily Cost:		\$130,497				Cum DHC:		\$2,002,077		Total Well Cost:		\$2,002,077				
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	1.50	02	Drilling f/ 13,212' t/ 13,239'										13212	13239	5	
7:30	0.50	07	Rig Service										13239	13239	5	
8:00	22.00	02	Drilling f/ 13,239' t/ 13,620'										13239	13620	5	
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
13398	16:30	12.30	11.50	78	62	22	14/20/0	9.0		2	32.00	20.0%	68.0%	12.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	9.50		0.05	0.30	147000	600	0	0.00	0.00	0			15/85	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	14.2														
Daily Summary																
Activity Date :		1/17/2009		Days From Spud :		81		Current Depth :		13814 Ft		24 Hr. Footage Made :		194 Ft		
Formation :		Sand Stone						Weather:								
Rig Company :								Rig Name:								
Daily Cost:		\$135,851				Cum DHC:		\$2,137,928		Total Well Cost:		\$2,137,928				
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	4.00	02	Drilling f/ 13,620' t/ 13,672'										13620	13672	5	
10:00	1.50	21	Replace Rotateing Head										13672	13672	5	
11:30	8.00	02	Drilling f/ 13,672' t/ 13,807										13672	13807	5	
19:30	2.50	08	Change liners in number 1 pump(MWD cant get signal with number 2 pump)										13807	13807	5	
22:00	0.50	02	Drilling f/ 13,807' t/ 13,814'										13807	13814	5	
22:30	7.50	05	Circ. Condition mud (MWD cant get signal)										13814	13814	5	
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
13718	13:45	12.30	12.00	81	48	36	23/29/0	6.0		3	32.00	20.5%	67.0%	12.5%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	8.50		0.00	0.45	135000	720	0	0.00	0.00	0			16/84	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	14.0														

Well Name: UNIVERSITY 20 #4701																
Field Name:		AR-WINK , S. (WOLFCAM)			S/T/R:		47//			County, State:		WARD, TX				
Operator:		Ergen Resources Corporati			Location Desc:		47, UL Survey Ward County			District:		PB MID				
Daily Summary																
Activity Date :		1/18/2009		Days From Spud :		82		Current Depth :		13814 Ft		24 Hr. Footage Made :		0 Ft		
Formation :		Sand Stone					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$98,786			Cum DHC:		\$2,236,714			Total Well Cost:		\$2,236,714				
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	3.50	05	Circulate gas out.										13814	13814	5	
9:30	3.50	05	Circulate through choke.										13814	13814	5	
13:00	11.50	21	Shut in well and wait on kill mud.										13814	13814	5	
0:30	5.00	22	Open choke and circulate gas out.										13814	13814	5	
5:30	0.50	20	Get MWD signal										13814	13814	5	
Total:		24.00														
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
13814	13:45	13.00		50			//									
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
															0	
Water Loss		LCM	ECD	FL Temp	Remarks											
0		0.0														
Daily Summary																
Activity Date :		1/19/2009		Days From Spud :		83		Current Depth :		13814 Ft		24 Hr. Footage Made :		0 Ft		
Formation :		Sand Stone					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$176,065			Cum DHC:		\$2,412,779			Total Well Cost:		\$2,412,779				
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	5.00	05	Condition mud and circulate.										13814	13814	5	
11:00	0.50	05	Pump 150 bbls. 14# pill.										13814	13814	5	
11:30	2.50	06	Trip out of hole to whip stock.										13814	13814	5	
14:00	0.50	05	Pump 14# pill.										13814	13814	5	
14:30	5.00	06	Trip out of hole to BHA										13814	13814	5	
19:30	1.00	21	Remove Rotate Rubber										13814	13814	5	
20:30	1.00	20	Break bit and L/D Directional Tools.										13814	13814	NIH	
21:30	1.50	08	Weld Patches on watermelon on choke manifold										13814	13814	NIH	
23:00	2.00	20	M/U bit and P/U Dir Tools										13814	13814	6	
1:00	1.00	06	TIH 20 stnds										13814	13814	6	
2:00	0.50	20	Install rotate rubber and test MWD tool.										13814	13814	6	
2:30	3.50	06	TIH to whipstock										13814	13814	6	
Total:		24.00														
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
13814	6:00	12.80		58	33	24	17/25/	2.0		1	32.00	23.0%	76.0%	1.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	8.50			0.40	160000	1160							1/99	0		
Water Loss		LCM	ECD	FL Temp	Remarks											
0		0.0	14.0													

Well Name: UNIVERSITY 20 #4701																
Field Name :		AR-WINK , S. (WOLFCAM)			S/T/R:		47//			County, State:		WARD, TX				
Operator :		ergen Resources Corporati			Location Desc:		47, UL Survey Ward County			District:		PB MID				
Daily Summary																
Activity Date :		1/20/2009		Days From Spud :		84		Current Depth :		14023 Ft		24 Hr. Footage Made :		209 Ft		
Formation :		Sand Stone					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$130,772			Cum DHC:			\$2,543,551			Total Well Cost:		\$2,543,551			
Operations																
Start	Hrs	Code	Remarks								Start Depth	End Depth	Run			
6:00	3.50	06	Continue TIH								13814	13814	6			
9:30	1.00	03	P/U kelly and ream 60' to bottom								13814	13814	6			
10:30	3.00	05	Condition mud and circulate								13814	13814	6			
13:30	2.00	02	Drilling f/ 13,814' t/ 13,845'								13814	13845	6			
15:30	0.50	07	Rig service								13845	13845	6			
16:00	14.00	02	Drilling f/ 13,845' t/ 14,023'								13845	14023	6			
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
13890	20:00	12.80	12.80	56	44	12	14/19/	5.0		2	32.00	24.0%	72.0%	4.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	8.50		0.05	0.20	145000	1600							5/95	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	13.8														
Daily Summary																
Activity Date :		1/21/2009		Days From Spud :		85		Current Depth :		14352 Ft		24 Hr. Footage Made :		329 Ft		
Formation :		Sand Stone					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$116,641			Cum DHC:			\$2,660,192			Total Well Cost:		\$2,660,192			
Operations																
Start	Hrs	Code	Remarks								Start Depth	End Depth	Run			
6:00	4.00	02	Drilling f/ 14,023' t/ 14,105'								14023	14105	6			
10:00	0.50	07	Rig Service								14105	14105	6			
10:30	11.50	02	Drilling f/ 14,105' t/ 14,261'								14105	14261	6			
22:00	1.00	08	Work on pump (liner gasket out #1 pump)								14261	14261	6			
23:00	7.00	02	Drilling f/ 14,261' t/ 14,352'								14261	14352	6			
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
14144	12:40	13.20	12.90	51	34	8	11/15/	5.0		2	32.00	25.0%	65.0%	10.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	8.50		0.00	0.20	146000	1120							13/87	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	13.8														

Well Name:UNIVERSITY 20 #4701																
Field Name :		AR-WINK , S. (WOLFCAM)			S/T/R:		47//			County,State:		WARD, TX				
Operator:		ergen Resources Corporati			Location Desc:		47, UL Survey Ward County			District:		PB MID				
Daily Summary																
Activity Date :		1/22/2009		Days From Spud :		86		Current Depth :		14534 Ft		24 Hr. Footage Made :		182 Ft		
Formation :		Sand Stone					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$106,076			Cum DHC:		\$2,766,268			Total Well Cost:		\$2,766,268				
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	7.00	02	Drill f/14,352' to 14,419'.									14352	14419	6		
13:00	0.50	21	Install new rotating rubber and bearing.									14419	14419	6		
13:30	1.00	02	Drill f/14,419' to 14,430'.									14419	14430	6		
14:30	0.50	07	Rig service.									14430	14430	6		
15:00	15.00	02	Drilling f/ 14,430' t/ 14,534'									14430	14534	6		
Total:		24.00														
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
14428	14:49	13.20	13.00	48	49	14	9/13/	5.0		2	32.00	25.0%	65.0%	10.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	8.50		0.05	0.20	137000	660							13/87	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	13.8														
Daily Summary																
Activity Date :		1/23/2009		Days From Spud :		87		Current Depth :		14835 Ft		24 Hr. Footage Made :		301 Ft		
Formation :		Sand Stone					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$104,397			Cum DHC:		\$2,870,665			Total Well Cost:		\$2,870,665				
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	8.00	02	Drill f/14,534' to 14,639'.									14534	14639	6		
14:00	1.00	07	Rig service and tighten rotary beam and drive line.									14639	14639	6		
15:00	15.00	02	Drill f/14,639' to 14,835'									14639	14835	6		
Total:		24.00														
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
14604	13:20	13.20	13.00	50	33	7	9/13/	5.0		2	32.00	25.0%	65.0%	10.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	9.00		0.01	0.30	111000	640							13/87	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	13.8														

Well Name:UNIVERSITY 20 #4701																
Field Name:		AR-WINK , S. (WOLFCAM)			S/T/R:		47//			County,State:		WARD, TX				
Operator:		ergen Resources Corporati			Location Desc:		47, UL Survey Ward County			District:		PB MID				
Daily Summary																
Activity Date :		1/24/2009		Days From Spud :		88		Current Depth :		15090 Ft		24 Hr. Footage Made :		255 Ft		
Formation :		Sand Stone					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$102,378			Cum DHC:			\$2,973,043			Total Well Cost:		\$2,973,043			
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	10.00	02	Drill f/14,835' to 14,956'.										14835	14956	6	
16:00	0.50	07	Rig service.										14956	14956	6	
16:30	13.50	02	Drilling f/ 14,956' t/ 15,090'										14956	15090	6	
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
14835	13:20	13.50	13.50	52	36	8	10/14/	4.0		2	32.00	0.3%	0.6%	6.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	10.00		0.15	0.40	130000	480							90/10	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	13.8														
Daily Summary																
Activity Date :		1/25/2009		Days From Spud :		89		Current Depth :		15242 Ft		24 Hr. Footage Made :		152 Ft		
Formation :		Sand Stone					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$93,536			Cum DHC:			\$3,066,579			Total Well Cost:		\$3,066,579			
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	8.00	02	Drill f/15,090' to 15,178'.										15090	15178	6	
14:00	0.50	07	Rig service.										15178	15178	6	
14:30	6.00	02	Drilling f/ 15,178' t/ 15,242' T.D @ 15,242'										15178	15242	6	
20:30	2.50	05	Circ. Bottoms up spot 150 bbl pill.										15242	15242	6	
23:00	7.00	06	T.O.H (strap out) Remove rotateing rubber										15242	15242	6	
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
15149	12:10	13.70	13.60	64	52	11	11/14/	5.0		2	32.00	32.0%	64.0%	4.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	10.00		0.10	0.25	140000	460							6/94	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	13.8														

Well Name: UNIVERSITY 20 #4701																
Field Name: AR-WINK , S. (WOLFCAM)				S/T/R: 47//				County, State: WARD, TX								
Operator: ergen Resources Corporati				Location Desc: 47, UL Survey Ward County				District: PB MID								
Daily Summary																
Activity Date :		1/26/2009		Days From Spud :		90		Current Depth :		15242 Ft		24 Hr. Footage Made :		0 Ft		
Formation :		Sand Stone						Weather:								
Rig Company :								Rig Name:								
Daily Cost:		\$57,159		Cum DHC:				\$3,123,738		Total Well Cost:		\$3,123,738				
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	3.00	06	Trip out of hole.									15242	15242	7		
9:00	2.00	20	Laydown downhole tools.									15242	15242	7		
11:00	1.00	21	Pickup reamers and bit.									15242	15242	7		
12:00	2.00	06	Trip in hole.									15242	15242	7		
14:00	1.50	08	Repair on drawworks.									15242	15242	7		
15:30	4.50	06	Trip in hole.									15242	15242	7		
20:00	0.50	21	Rig up laydown truck									15242	15242	7		
20:30	0.50	22	Laydown 4,000 foot of pipe									15242	15242	7		
21:00	0.50	08	Repair Pipe Spinners (will not release from pipe)									15242	15242	7		
21:30	3.00	21	Cont to laydown 4,00 foot of pipe									15242	15242	7		
0:30	0.50	22	Rig down laydown truck									15242	15242	7		
1:00	1.50	06	Cont. T.I.H									15242	15242	7		
2:30	2.00	09	Slip and Cut DRLG line									15242	15242	7		
4:30	1.50	03	Start to wash and ream to bottom f/10,931-10,950'.									15242	15242	7		
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
15242	17:30	13.20	13.20	47	28	8	10/14/	4.0		2	32.00	32.0%	64.0%	4.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	9.50		0.10	0.25	128000	480							6/94	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	13.9														
Daily Summary																
Activity Date :		1/27/2009		Days From Spud :		91		Current Depth :		15242 Ft		24 Hr. Footage Made :		0 Ft		
Formation :		Sand Stone						Weather:								
Rig Company :								Rig Name:								
Daily Cost:		\$34,605		Cum DHC:				\$3,158,343		Total Well Cost:		\$3,158,343				
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	8.00	03	Wash and Ream to bottom f/10,950' to 11,575'.									15242	15242	7		
14:00	0.50	07	Rig Service									15242	15242	7		
14:30	15.50	03	Wash and Ream to bottom f/11,575' to 14,890'.									15242	15242	7		
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
15242	17:30	13.20	13.20	47	28	8	10/14/	4.0		2	32.00	32.0%	64.0%	4.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	9.50		0.10	0.25	128000	480							6/94	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	13.9														

Well Name:UNIVERSITY 20 #4701																
Field Name: AR-WINK , S. (WOLFCAM)				S/T/R: 47//				County,State: WARD, TX								
Operator: ergen Resources Corporati				Location Desc: 47, UL Survey Ward County				District: PB MID								
Daily Summary																
Activity Date :		1/28/2009		Days From Spud :		92		Current Depth :		15242 Ft		24 Hr. Footage Made :		0 Ft		
Formation :		Sand Stone						Weather:								
Rig Company :								Rig Name:								
Daily Cost:		\$59,516		Cum DHC:				\$3,217,859		Total Well Cost:		\$3,217,859				
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	3.00	03	Ream from 14,890' to 15,254'.										15242	15242	7	
9:00	2.50	06	Trip out of hole to top of window.										15242	15242	7	
11:30	3.00	06	Trip in hole to 11,600'.										15242	15242	7	
14:30	0.50	03	Ream from 11,600 to 11,700'.										15242	15242	7	
15:00	1.00	06	Trip in hole to 14,896'.										15242	15242	7	
16:00	4.00	03	Wash to bottom f/ 14,896' t/ 15,254'										15242	15242	7	
20:00	2.00	05	Circulate bottoms up and pump pill on bottom										15242	15242	7	
22:00	3.00	06	T.O.H to window										15242	15242	7	
1:00	1.00	21	Pull rotateing rubber										15242	15242	7	
2:00	4.00	06	Cont. T.O.H (drop drift through pipe)										15242	15242	7	
Total:		24.00														
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
15242	15:40	13.40	13.20	61	49	7	10/14/	4.0		2	32.00	35.0%	59.0%	6.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	8.00		0.00	0.28	95000	840							9/91	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	13.9														
Daily Summary																
Activity Date :		1/29/2009		Days From Spud :		93		Current Depth :		15242 Ft		24 Hr. Footage Made :		0 Ft		
Formation :		Sand Stone						Weather:								
Rig Company :								Rig Name:								
Daily Cost:		\$39,986		Cum DHC:				\$3,257,845		Total Well Cost:		\$3,257,845				
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	2.50	06	Cont. T.O.H										15242	15242	7	
8:30	0.50	07	Rig service										15242	15242	7	
9:00	1.50	12	Rig up L/D truck and csg. Crew										15242	15242	7	
10:30	1.50	12	Make up liner BHA										15242	15242	7	
12:00	2.50	05	Circ. And wait on tools and tongs										15242	15242	7	
14:30	1.00	12	Cont. to run liner										15242	15242	7	
15:30	6.50	21	Soft shut in on well install TIW & Pump swedge pump 14# mud										15242	15242	7	
22:00	2.00	21	Close blind rams on 2 3/8 Tubeing										15242	15242	7	
0:00	1.50	12	Rig down csg crew and l/d truck(lay down 5 jts 2 3/8 tubeing)										15242	15242	7	
1:30	2.00	06	T.I.H w/ 3 1/5 pipe and bit Install rotate rubber										15242	15242	7	
3:30	2.50	05	Shut well in go through choke,install circ swedge, circ. Gas out										15242	15242	7	
Total:		24.00														
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
15242	15:40	13.40	13.20	61	49	7	10/14/	4.0		2	32.00	35.0%	59.0%	6.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	8.00		0.00	0.28	95000	840							9/91	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	13.9														

Well Name: UNIVERSITY 20 #4701																	
Field Name: AR-WINK , S. (WOLFCAM)				S/T/R: 47//				County, State: WARD, TX									
Operator: ergen Resources Corporati				Location Desc: 47, UL Survey Ward County				District: PB MID									
Daily Summary																	
Activity Date :		1/30/2009		Days From Spud :		94		Current Depth :		15242 Ft		24 Hr. Footage Made :		0 Ft			
Formation :		Sand Stone						Weather:									
Rig Company :								Rig Name:									
Daily Cost:		\$102,735		Cum DHC:				\$3,360,580		Total Well Cost:		\$3,360,580					
Operations																	
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run		
6:00	3.00	05	Condition and circulate										15242	15242	7		
9:00	0.50	07	Service Rig										15242	15242	7		
9:30	7.50	21	Monitor well										15242	15242	7		
17:00	3.00	06	T.I.H to top of window										15242	15242	7		
20:00	3.50	05	Rig up schlumberger & Pumped 500bbls of 14# MUD										15242	15242	7		
23:30	0.50	12	Rig down schlumber										15242	15242	7		
0:00	1.00	06	T.I.H to 11,284'										15242	15242	7		
1:00	1.50	03	Reaming f/ 11,284' t/ 11,348'										15242	15242	7		
2:30	0.50	06	L/D 7 jts drill pipe										15242	15242	7		
3:00	1.00	06	T.I.H to 11,348' (lost circ)										15242	15242	7		
4:00	0.50	06	T.O.H to window										15242	15242	7		
4:30	1.50	05	Circulate and condition mud										15242	15242	7		
Total:		24.00															
Mud Properties																	
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand		
15242	15:40	13.40	13.20	61	49	7	10/14/	4.0		2	32.00	35.0%	59.0%	6.0%			
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss			
	8.00		0.00	0.28	95000	840							9/91	0			
Water Loss	LCM	ECD	FL Temp	Remarks													
0	0.0	13.9															
Daily Summary																	
Activity Date :		1/31/2009		Days From Spud :		95		Current Depth :		15242 Ft		24 Hr. Footage Made :		0 Ft			
Formation :		Sand Stone						Weather:									
Rig Company :								Rig Name:									
Daily Cost:		\$120,091		Cum DHC:				\$3,480,671		Total Well Cost:		\$3,480,671					
Operations																	
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run		
6:00	6.50	05	Condition mud and circulate										15242	15242	7		
12:30	0.50	07	Service Rig										15242	15242	7		
13:00	0.50	06	T.I.H 8 stands										15242	15242	7		
13:30	13.00	03	Ream f/ 11,310' t/ 11,411'										15242	15242	7		
2:30	1.00	06	L/D 4stnds from derrick										15242	15242	7		
3:30	2.50	03	Ream f/ 11,411' t/ 11,520'										15242	15242	7		
Total:		24.00															
Mud Properties																	
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand		
15249	22:00	13.40	13.40	47	37	7	7/10/	4.0		2	32.00	35.0%	60.0%	5.0%			
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss			
	8.00		0.00	2.50	170000	530							8/92	0			
Water Loss	LCM	ECD	FL Temp	Remarks													
0	0.0	13.7															

Well Name: UNIVERSITY 20 #4701																
Field Name:		AR-WINK , S. (WOLFCAM)			S/T/R:		47//			County, State:		WARD, TX				
Operator:		Ergen Resources Corporati			Location Desc:		47, UL Survey Ward County			District:		PB MID				
Daily Summary																
Activity Date :		2/1/2009		Days From Spud :		96		Current Depth :		15242 Ft		24 Hr. Footage Made :		0 Ft		
Formation :		Sand Stone					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$39,763			Cum DHC:			\$3,520,434			Total Well Cost:		\$3,520,434			
Operations																
Start	Hrs	Code	Remarks								Start Depth	End Depth	Run			
6:00	0.50	05	Circulate								15242	15242	7			
6:30	9.00	06	T.O.H (tight pipe box & pin) lay down 21 jts.								15242	15242	7			
15:30	1.00	08	Replace tong line								15242	15242	7			
16:30	1.00	06	Cont. T.O.H (laydown reamer)								15242	15242	7			
17:30	6.00	06	T.I.H to top of window								15242	15242	7			
23:30	2.00	21	Slip and cut Drlg line								15242	15242	7			
1:30	1.00	05	Could not circ (checked all mud lines)								15242	15242	7			
2:30	3.50	06	T.O.H to check drill sting and float for blockage								15242	15242	7			
Total:		24.00														
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
15242	22:00	13.40	13.40	47	37	7	7/10/	4.0		2	32.00	35.0%	60.0%	5.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	8.00		0.00	2.50	170000	530							8/92	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	13.7														
Daily Summary																
Activity Date :		2/2/2009		Days From Spud :		97		Current Depth :		15242 Ft		24 Hr. Footage Made :		0 Ft		
Formation :		Sand Stone					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$94,242			Cum DHC:			\$3,614,676			Total Well Cost:		\$3,614,676			
Operations																
Start	Hrs	Code	Remarks								Start Depth	End Depth	Run			
6:00	2.00	06	T.O.H								15242	15242	7			
8:00	1.00	08	Repair Tongs								15242	15242	7			
9:00	2.50	06	T.O.H (1jt DP plugged & Bit sub)								15242	15242	7			
11:30	0.50	07	Rig Service								15242	15242	7			
12:00	1.00	21	Clean out Bit sub								15242	15242	7			
13:00	1.50	08	Rig repair (1" hydraulic lines)								15242	15242	7			
14:30	2.00	06	T.I.H (83 stnds)								15242	15242	7			
16:30	2.50	05	Try and break circulation (LCM packed off in drill pipe)								15242	15242	7			
19:00	3.00	06	T.I.H to top of window								15242	15242	7			
22:00	2.00	22	Wait on coil tubeing unit								15242	15242	7			
0:00	1.00	22	Move Liner and pipe racks out of the way for coil tubing unit								15242	15242	7			
1:00	5.00	23	Rig up coil tubing unit (wait on xo sub)								15242	15242	7			
Total:		24.00														
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
15242	15:00	13.30	13.30	44	25	7	6/9/	4.0		2	32.00	31.0%	65.0%	4.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	8.00		0.00	3.00	153000	1600							6/94	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	13.7														

Well Name:UNIVERSITY 20 #4701																
Field Name: AR-WINK , S. (WOLFCAM)				S/T/R: 47//				County,State: WARD, TX								
Operator: ergen Resources Corporati				Location Desc: 47, UL Survey Ward County				District: PB MID								
Daily Summary																
Activity Date :		2/3/2009		Days From Spud :		98		Current Depth :		15242 Ft		24 Hr. Footage Made :		0 Ft		
Formation :		Sand Stone						Weather:								
Rig Company :								Rig Name:								
Daily Cost:		\$82,731		Cum DHC:				\$3,697,407		Total Well Cost:		\$3,697,407				
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	1.50	21	Rig up coil tubing unit										15242	15242	7	
7:30	2.50	22	Run coil tubing tag @ 10,839'										15242	15242	7	
10:00	3.50	22	Pressure up backside										15242	15242	7	
13:30	0.50	07	Service Rig										15242	15242	7	
14:00	3.00	22	Clean 3 1/2 pipe out tagged float										15242	15242	7	
17:00	2.00	22	Work coil tubing (coil tubing stuck in float)										15242	15242	7	
19:00	3.50	22	Pull coil tubing out and rig down unit										15242	15242	7	
22:30	7.50	05	P/U Kelly and circulate & get mud wt. up (mud wt 12.8 and circ. Gas out)										15242	15242	7	
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
15242	18:00	13.20	13.20	53	40	7	10/13/	4.0		2	32.00	31.0%	65.0%	4.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	10.00		0.00	3.00	152000	1140							6/94	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	13.6														
Daily Summary																
Activity Date :		2/4/2009		Days From Spud :		99		Current Depth :		15242 Ft		24 Hr. Footage Made :		0 Ft		
Formation :		Sand Stone						Weather:								
Rig Company :								Rig Name:								
Daily Cost:		\$75,947		Cum DHC:				\$3,773,354		Total Well Cost:		\$3,773,354				
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	1.50	05	Circulate & Condition mud (get mud wt up)										15242	15242	7	
7:30	0.50	05	Pump 50 bbl 15# mud										15242	15242	7	
8:00	0.50	06	T.I.H w/ 7 stnds 1 single										15242	15242	7	
8:30	18.50	03	Ream f/ 11,358' t/ 11,489' (stopped @ 11,489' could not ream past)										15242	15242	7	
3:00	0.50	05	Pump 15# slug										15242	15242	7	
3:30	2.50	06	T.O.H										15242	15242	7	
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
15242	13:00	13.50	13.30	51	32	22	13/19/	4.5		1	32.00	31.0%	64.0%	5.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	7.00		0.00	0.26	158000	1680							7/93	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	14.6														

Well Name: UNIVERSITY 20 #4701																
Field Name:		AR-WINK , S. (WOLFCAM)				S/T/R:		47//				County, State:		WARD, TX		
Operator:		Ergen Resources Corporati				Location Desc:		47, UL Survey Ward County				District:		PB MID		
Daily Summary																
Activity Date :		2/5/2009		Days From Spud :		100		Current Depth :		15242 Ft		24 Hr. Footage Made :		0 Ft		
Formation :		Sand Stone						Weather:								
Rig Company :								Rig Name:								
Daily Cost:		\$56,097				Cum DHC:		\$3,829,451		Total Well Cost:		\$3,829,451				
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	2.50	06	T.O.H remove rotateing rubber									15242	15242	7		
8:30	0.50	07	Service Rig									15242	15242	NIH		
9:00	3.50	21	Wait on directional tools									15242	15242	NIH		
12:30	1.00	20	P/U Dir. BHA									15242	15242	8		
13:30	2.50	20	Wait on MWD									15242	15242	8		
16:00	1.00	20	Test MWD tools									15242	15242	8		
17:00	8.00	06	T.I.H with motor									15242	15242	8		
1:00	0.50	05	P/U kelly and break circ.									15242	15242	8		
1:30	0.50	06	Set kelly back T.I.H 4 stnds									15242	15242	8		
2:00	4.00	03	Wash down to 11,439' t/ 11,489' start reaming f/11,489' (no progress)									15242	15242	8		
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
15242	12:00	13.45	13.45	48	24	17	9/18/	3.0		1	32.00	26.0%	70.0%	4.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	8.00		0.00	0.31	160000	1580							5/95	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	13.9														
Daily Summary																
Activity Date :		2/6/2009		Days From Spud :		101		Current Depth :		15242 Ft		24 Hr. Footage Made :		0 Ft		
Formation :		Sand Stone						Weather:								
Rig Company :								Rig Name:								
Daily Cost:		\$54,094				Cum DHC:		\$3,883,545		Total Well Cost:		\$3,883,545				
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	15.00	03	Ream f/ 11,489' t/ 11,523'									15242	15242	8		
21:00	5.50	03	L/D 2 jts and start slideing f/ 11,446' t/ 11,451' (tool face kept going to 180 from high side)									15242	15242	8		
2:30	0.50	06	T.O.H 7stnds to window									15242	15242	8		
3:00	3.00	05	Circulate & wait on mechanic and change out #2 floor motor									15242	15242	8		
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
15242	13:00	13.60	13.70	48	33	10	9/14/	4.0		2	32.00	30.0%	68.0%	2.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	8.00		0.00	0.31	149000	1000							3/97	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	13.7														

Well Name: UNIVERSITY 20 #4701																
Field Name:		AR-WINK , S. (WOLFCAM)			S/T/R:		47//			County, State:		WARD, TX				
Operator:		ergen Resources Corporati			Location Desc:		47, UL Survey Ward County			District:		PB MID				
Daily Summary																
Activity Date :		2/7/2009		Days From Spud :		102		Current Depth :		15242 Ft		24 Hr. Footage Made :		0 Ft		
Formation :		Sand Stone					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$42,721			Cum DHC:		\$3,926,266			Total Well Cost:		\$3,926,266				
Operations																
Start	Hrs	Code	Remarks								Start Depth	End Depth	Run			
6:00	0.00										15242	15242	NIH			
6:00	6.00	08	Circulate and change out #2 floor motor, rebuild watermelon on choke								15242	15242	8			
12:00	13.00	21	Rig up laydown truck								15242	15242	8			
1:00	3.00	06	Laydown 100jts of pipe								15242	15242	8			
4:00	0.50	21	Rig down laydown truck								15242	15242	8			
4:30	1.50	06	T.O.H to laydown directional tools								15242	15242	NIH			
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
15242	13:00	13.70	13.70	49	32	11	9/17/	4.0		2	32.00	26.0%	70.0%	4.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	8.00		0.00	0.40	159000	800							5/95	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	13.8														
Daily Summary																
Activity Date :		2/8/2009		Days From Spud :		103		Current Depth :		11081 Ft		24 Hr. Footage Made :		0 Ft		
Formation :		Shale					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$32,649			Cum DHC:		\$3,958,915			Total Well Cost:		\$3,958,915				
Operations																
Start	Hrs	Code	Remarks								Start Depth	End Depth	Run			
6:00	5.50	06	T.O.H. w/directional tools (repair mud mixers in pits)								15242	15242	NIH			
11:30	0.50	07	Service rig								15242	15242	NIH			
12:00	0.50	21	Clean floor off								15242	15242	NIH			
12:30	3.00	22	P/U whipstock & orientate tool								15242	15242	9			
15:30	11.50	06	T.I.H. w/ whipstock to 10,841' (strap in hole)								11086	11086	9			
3:00	1.00	06	P/U 8jts to get to 11,081'								11081	11081	9			
4:00	1.00	23	Rig up scientific for gyro								11081	11081	9			
5:00	1.00	23	Run gyro to orientate whipstock								11081	11081	9			
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
15242	21:00	13.30	13.30	47	27	7	5/9/	4.0		2	32.00	24.8%	73.2%	2.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	8.50		0.00	0.38	148000	920							3/97	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	13.3														

Well Name:UNIVERSITY 20 #4701																
Field Name:		AR-WINK , S. (WOLFCAM)			S/T/R:		47//			County,State:		WARD, TX				
Operator:		ergen Resources Corporati			Location Desc:		47, UL Survey Ward County			District:		PB MID				
Daily Summary																
Activity Date :		2/9/2009		Days From Spud :		104		Current Depth :		11031 Ft		24 Hr. Footage Made :		95 Ft		
Formation :		Shale					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$52,270			Cum DHC:		\$4,011,185			Total Well Cost:		\$4,011,185				
Operations																
Start	Hrs	Code	Remarks								Start Depth	End Depth	Run			
6:00	2.50	21	Attempt to orientate whipstock								11081	11081	9			
8:30	1.00	22	Pull wireline out and rig down scientific								11081	11081	9			
9:30	8.50	06	T.O.H w/ whipstock								11081	11081	9			
18:00	0.50	06	L/D whipstock								11081	11081	NIH			
18:30	0.50	08	Generator house went down								11081	11081	NIH			
19:00	0.50	06	P/U bit and watermelon mill								11081	11081	NIH			
19:30	6.00	06	T.I.H								11081	11081	NIH			
1:30	4.50	03	P/U kelly break circulation and start reaming f/ 10,936' t/ 11,031'								10936	11031	NIH			
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
10931	17:00	13.80	13.80	48	34	8	8/11/	4.0		2	32.00	26.9%	71.0%	2.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	9.00		0.10	0.40	146000	920							3/97	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	13.9														
Daily Summary																
Activity Date :		2/10/2009		Days From Spud :		105		Current Depth :		11031 Ft		24 Hr. Footage Made :		0 Ft		
Formation :		Shale					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$42,405			Cum DHC:		\$4,053,590			Total Well Cost:		\$4,053,590				
Operations																
Start	Hrs	Code	Remarks								Start Depth	End Depth	Run			
6:00	2.00	03	Wash & Ream f / 11,031' to 11,131' ; Lay Down 5 jts. & Rewash f/ 10,931' To 11,131'								11031	11031	NIH			
8:00	1.00	87	Circulate Bottoms Up								11031	11031	NIH			
9:00	2.50	29	T.O.O.H. F/ Whipstock								11031	11031	NIH			
11:30	0.50	08	Repair Rotary Torque Wheel & Gage								11031	11031	NIH			
12:00	3.50	29	Finish TOO H, Laydown Watermelon Mill & Bit								11031	11031	NIH			
15:30	2.50	21	Make Up, Orientate, Whipstock								11031	11031	NIH			
18:00	9.00	06	T.I.H. W/ Whipstock								11031	11031	NIH			
3:00	3.00	21	Rigup and run gyro,stopped at 5,076'.								11031	11031	NIH			
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
111361	12:30	14.00	14.00	46	31	8	7/110/	4.0		2	32.00	26.9%	71.0%	2.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	8.00		0.00	0.35	143000	440							3/97	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	13.9														

Well Name: UNIVERSITY 20 #4701																	
Field Name:		AR-WINK , S. (WOLFCAM)				S/T/R:		47//				County, State:		WARD, TX			
Operator:		Ergen Resources Corporati				Location Desc:		47, UL Survey Ward County				District:		PB MID			
Daily Summary																	
Activity Date :		2/11/2009		Days From Spud :		106		Current Depth :		11031 Ft		24 Hr. Footage Made :		0 Ft			
Formation :		Shale						Weather:									
Rig Company :								Rig Name:									
Daily Cost:		\$43,889		Cum DHC:				\$4,097,479		Total Well Cost:		\$4,097,479					
Operations																	
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run		
6:00	0.50	22	Scientific R.I.H. W /Gyro ,Couldnot Get Past 5076' , Pull Wire Line Out Of Pipe										11031	11031	NIH		
6:30	3.00	23	Wait On Weight Bars										11031	11031	NIH		
9:30	2.50	22	Make Up Weight Bars & T.I.H. , Still Couldnot Ge t Past 5076' , Pull Out Of Hole, Remove Gyro, Run Back In Hole To 5076' ; Spud @ Rate 350' /min. W/ No Success 3--4 Times; Scientific Pull Out Of Hole & Standby										11031	11031	NIH		
12:00	8.00	23	Wait On Bob Cat										11031	11031	NIH		
20:00	8.50	21	Wait on wind to slow to rigup Bob Cat.										11031	11031	NIH		
4:30	1.50	22	Rigup coil tubing truck.										11031	11031	NIH		
Total:	24.00																
Mud Properties																	
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand		
11081	10:54	13.80	14.00	54	31	14	9/17/	3.0		2	32.00	0.3%	69.0%	0.0%			
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss			
	10.00		0.15	28.00	151000	860							0/100	0			
Water Loss	LCM	ECD	FL Temp	Remarks													
0	0.0	13.9															
Daily Summary																	
Activity Date :		2/12/2009		Days From Spud :		107		Current Depth :		11031 Ft		24 Hr. Footage Made :		0 Ft			
Formation :		Shale						Weather:									
Rig Company :								Rig Name:									
Daily Cost:		\$40,312		Cum DHC:				\$4,137,791		Total Well Cost:		\$4,137,791					
Operations																	
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run		
6:00	1.00	21	Rig Up Coil Tubing Unit										11031	11031	NIH		
7:00	4.00	22	Clean Out 3.5" Drill Pipe W/ Coil Tubing , F/ Surface To 11,000' , Pump 10 # Brine										11031	11031	NIH		
11:00	7.00	22	Circulate Bottoms Up; @ Bottoms Up , Start Getting Gas & Oil , Switch To 13.7# Mud & Displace To Surface; Well Sart Flowing, Close Well In, Monitor Casing While Pull Out Coil Tubing;; 950# @ 18:00										11031	11031	NIH		
18:00	2.50	23	Rig down coil tubing unit.										11031	11031	NIH		
20:30	3.50	22	Wait on 10' bails for blocks.										11031	11031	NIH		
0:00	4.50	22	Rigup and run gyro.										11031	11031	NIH		
4:30	1.00	20	Orientate whip stock.										11031	11031	NIH		
5:30	0.50	21	Pull gyro out of drill pipe.										11031	11031	NIH		
Total:	24.00																
Mud Properties																	
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand		
11031	17:40	14.00		50	32	9	9/17/	4.5		2	32.00	0.3%	69.0%	0.0%			
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss			
	100.0		0.30	0.75	153000	860							0/100	0			
Water Loss	LCM	ECD	FL Temp	Remarks													
0	0.0	13.9															

Well Name: UNIVERSITY 20 #4701																
Field Name:		AR-WINK , S. (WOLFCAM)			S/T/R:		47//			County, State:		WARD, TX				
Operator:		Ergen Resources Corporati			Location Desc:		47, UL Survey Ward County			District:		PB MID				
Daily Summary																
Activity Date :		2/13/2009		Days From Spud :		108		Current Depth :		11081 Ft		24 Hr. Footage Made :		50 Ft		
Formation :		Shale					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$95,123			Cum DHC:			\$4,232,914			Total Well Cost:		\$4,232,914			
Operations																
Start	Hrs	Code	Remarks								Start Depth	End Depth	Run			
6:00	1.50	21	Pull gyro out and rig down scientific								11031	11031	NIH			
7:30	2.00	05	P/U kelly and pressure up to 3610# to set whipsotck @ 11,081'								11031	11031	NIH			
9:30	0.50	22	Set kelly back , LD 1jt remove drlg nipple and install rotate rubber								11031	11031	NIH			
10:00	11.00	22	Shut well in with 200# back pressure.								11031	11031	NIH			
21:00	1.50	05	Circulate gas out								11031	11031	NIH			
22:30	7.50	02	Drlg f/11,073' t/ 11,081'								11073	11081	NIH			
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
11031	17:40	14.00		50	32	9	9/17/	4.5		2	32.00	0.3%	69.0%	0.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	100.0		0.30	0.75	153000	860							0/100	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	13.9														
Daily Summary																
Activity Date :		2/14/2009		Days From Spud :		109		Current Depth :		11088 Ft		24 Hr. Footage Made :		7 Ft		
Formation :		Shale					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$72,259			Cum DHC:			\$4,305,173			Total Well Cost:		\$4,305,173			
Operations																
Start	Hrs	Code	Remarks								Start Depth	End Depth	Run			
6:00	3.00	02	Drill from 11,081 to 11,084'.								11081	11084	NIH			
9:00	1.50	05	Circulate and pump slug.								11084	11084	NIH			
10:30	4.50	06	Trip out of hole.								11084	11084	NIH			
15:00	0.50	21	Laydown mill.								11084	11084	NIH			
15:30	1.50	20	Pick up downhole tools.								11084	11084	NIH			
17:00	5.00	06	Trip in hole to bottom of window								11084	11084	11			
22:00	3.00	09	Break circulation, Cut and slip drilling line								11084	11084	11			
1:00	2.00	02	Pick up kelly, orientate motor and wash to bottom								11084	11084	11			
3:00	3.00	02	Start time drilling f/ 11,084' t/ 11,088'								11084	11088	11			
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
11081	17:40	14.00		50	32	9	9/17/	4.5		2	32.00	0.3%	69.0%	0.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	100.0		0.30	0.75	153000	860							0/100	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	13.9														

Well Name: UNIVERSITY 20 #4701																
Field Name:		AR-WINK , S. (WOLFCAM)			S/T/R:		47//			County, State:		WARD, TX				
Operator:		Ergen Resources Corporati			Location Desc:		47, UL Survey Ward County			District:		PB MID				
Daily Summary																
Activity Date :		2/15/2009		Days From Spud :		110		Current Depth :		11151 Ft		24 Hr. Footage Made :		71 Ft		
Formation :		Shale					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$170,796			Cum DHC:		\$4,475,969			Total Well Cost:		\$4,475,969				
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	2.00	02	Time drilling f/ 11,088' t/ 11,092'										11088	11092	11	
8:00	5.00	02	Slide drilling f/ 11,092' t/ 11,110'										11092	11110	11	
13:00	4.00	02	Rotate f/ 11,110' t/ 11,124'										11110	11124	11	
17:00	0.50	07	Rig service										11124	11124	11	
17:30	0.50	20	Wait on MWD (could not get toolface)										11124	11124	11	
18:00	10.00	02	Slide f/ 11,124' t/ 11,149'										11124	11149	11	
4:00	2.00	02	Rotate f/ 11,149' t/ 11,151'										11141	11151	11	
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
11098	10:00	14.00		52	37	18	10/19/	3.0		2	32.00	26.0%	71.0%	3.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	9.00		0.30	0.75	157000	1080							4/96	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	15.3														
Daily Summary																
Activity Date :		2/16/2009		Days From Spud :		111		Current Depth :		11218 Ft		24 Hr. Footage Made :		67 Ft		
Formation :		Shale					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$59,940			Cum DHC:		\$4,535,909			Total Well Cost:		\$4,535,909				
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	2.00	02	Slide drill from 11,151' to 11,155'.										11151	11155	11	
8:00	0.50	07	Rig service. Connection survey										11155	11155	11	
8:30	7.50	02	Slide drill from 11,155' to 11,180'										11155	11180	11	
16:00	2.50	02	Rotate from 11,180' to 11,186' connection survey										11180	11186	11	
18:30	9.50	02	Slide drill from 11,186' to 11,214'										11186	11214	11	
4:00	2.00	02	Rotate from 11,214' to 11,218'										11214	11218	11	
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
11164	11:00	14.10	13.85	49	39	18	11/19/	4.0		2	32.00	3.3%	71.0%	3.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	9.00		0.10	0.40	140000	800							4/96	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	14.2														

Well Name: UNIVERSITY 20 #4701																
Field Name: AR-WINK , S. (WOLFCAM)				S/T/R: 47//				County, State: WARD, TX								
Operator: ergen Resources Corporati				Location Desc: 47, UL Survey Ward County				District: PB MID								
Daily Summary																
Activity Date :		2/17/2009		Days From Spud :		112		Current Depth :		11259 Ft		24 Hr. Footage Made :		41 Ft		
Formation :		Shale						Weather:								
Rig Company :								Rig Name:								
Daily Cost:		\$62,659		Cum DHC:				\$4,598,568		Total Well Cost:		\$4,598,568				
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	8.00	02	Slide drill from 11,218' to 11,245'.										11218	11245	11	
14:00	1.00	02	Rotary drill from 11,245' to 11,250'.										11245	11250	11	
15:00	0.50	07	Rig service.										11250	11250	11	
15:30	0.50	08	Rig repair (work on air line).										11250	11250	11	
16:00	3.00	02	Slide drill from 11,250' to 11,259'										11250	11259	11	
19:00	6.50	06	Pump slug and T.O.H f/ bit										11259	11259	NIH	
1:30	0.50	20	Drain motor, break bit, and pull MWD (MWD stuck in monel)										11259	11259	NIH	
2:00	2.50	20	L/D monel collar with MWD in it make up new MWD										11259	11259	12	
4:30	1.00	20	Pick up MWD test MWD and make up bit.										11259	11259	12	
5:30	0.50	06	T.I.H										11259	11259	12	
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
11259	19:00	13.80	13.80	51	36	17	14/20/	4.5		2	32.00	24.8%	71.2%	4.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	10.50		0.10	0.40	147000	360							5/95	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	13.9														
Daily Summary																
Activity Date :		2/18/2009		Days From Spud :		113		Current Depth :		11285 Ft		24 Hr. Footage Made :		26 Ft		
Formation :		Shale						Weather:								
Rig Company :								Rig Name:								
Daily Cost:		\$53,502		Cum DHC:				\$4,652,070		Total Well Cost:		\$4,652,070				
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	5.50	06	Trip in hole.										11259	11259	12	
11:30	1.00	05	Break circulation and get tool face.										11259	11259	12	
12:30	15.50	02	Slide drill f/ 11,259' t/ 11,285'										11259	11285	12	
4:00	2.00	06	Pump slug and T.O.H										11285	11285	NIH	
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
11277	21:00	13.90	13.90	51	33	14	14/19/	4.0		2	32.00	25.0%	73.0%	2.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	10.00		0.20	0.70	147000	560							3/97	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	13.9														

Well Name: UNIVERSITY 20 #4701																
Field Name:		AR-WINK , S. (WOLFCAM)			S/T/R:		47//			County, State:		WARD, TX				
Operator:		ergen Resources Corporati			Location Desc:		47, UL Survey Ward County			District:		PB MID				
Daily Summary																
Activity Date :		2/19/2009		Days From Spud :		114		Current Depth :		11314 Ft		24 Hr. Footage Made :		29 Ft		
Formation :		Shale					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$72,667			Cum DHC:		\$4,724,737			Total Well Cost:		\$4,724,737				
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	4.00	06	Trip out of hole.									11285	11285	NIH		
10:00	1.50	20	Change out motors and surface test MWD.									11285	11285	NIH		
11:30	5.50	06	Trip in hole.									11285	11285	13		
17:00	1.00	05	Pick up kelly break circulation and orientate motor									11285	11285	13		
18:00	9.00	02	Slide Drill f/ 11,285' t/ 11,308'									11285	11308	13		
3:00	2.00	02	Rotate f/ 11,308' t/ 11,312'									11308	11312	13		
5:00	1.00	02	Slide Drill f/ 11,312' t/ 11,314'									11312	11314	13		
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
11294	22:00	13.80	13.80	50	33	16	13/19/	4.5		2	32.00	25.0%	72.0%	3.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	10.00		0.20	0.70	150000	320							4/96	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	13.9														
Daily Summary																
Activity Date :		2/20/2009		Days From Spud :		115		Current Depth :		11368 Ft		24 Hr. Footage Made :		54 Ft		
Formation :		Shale					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$72,306			Cum DHC:		\$4,797,043			Total Well Cost:		\$4,797,043				
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	10.50	02	Slide drill f/ 11,314' t/ 11,338'									11314	11338	13		
16:30	3.50	02	Rotate f/ 11,338' t/ 11,343'									11338	11343	13		
20:00	8.00	02	Slide drill f/ 11,343' t/ 11,359'									11343	11359	13		
4:00	2.00	02	Rotate f/ 11,359' t/ 11,368'									11359	11368	13		
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
11347	22:00	13.60	13.60	48	32	16	14/20/	5.0		2	32.00	24.8%	73.2%	2.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	10.50		0.30	0.90	140000	600							3/97	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	13.7														

Well Name:UNIVERSITY 20 #4701																	
Field Name:		AR-WINK , S. (WOLFCAM)				S/T/R:		47//				County,State:		WARD, TX			
Operator:		ergen Resources Corporati				Location Desc:				47, UL Survey Ward County				District:		PB MID	
Daily Summary																	
Activity Date :		2/21/2009		Days From Spud :		116		Current Depth :		11429 Ft		24 Hr. Footage Made :		61 Ft			
Formation :		Shale						Weather:									
Rig Company :								Rig Name:									
Daily Cost:		\$51,146				Cum DHC:		\$4,848,189		Total Well Cost:		\$4,848,189					
Operations																	
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run		
6:00	3.00	02	Rotate drill f/11,368' to 11,376'										11368	11376	13		
9:00	0.50	07	Rig service and survey 51.93 deg.57.54 az(11,334)										11376	11376	13		
9:30	7.50	02	Slide drill f/ 11,376' to 11,394'										11376	11394	13		
17:00	7.00	02	Rotate drill f/ 11,394' to 11,407'										11394	11407	13		
0:00	5.00	02	Slide drill f/ 11,407' to 11,424'										11407	11424	13		
5:00	1.00	02	Rotate drill f/ 11,424' to 11,429'										11424	11429	13		
Total:	24.00																
Mud Properties																	
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand		
11398	19:30	13.50	13.50	49	35	17	14/18/	4.5		2	32.00	24.0%	74.0%	2.0%			
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss			
	10.50		0.10	0.60	148000	320							3/97	0			
Water Loss	LCM	ECD	FL Temp	Remarks													
0	0.0	13.6															
Daily Summary																	
Activity Date :		2/22/2009		Days From Spud :		117		Current Depth :		11445 Ft		24 Hr. Footage Made :		16 Ft			
Formation :		Shale						Weather:									
Rig Company :								Rig Name:									
Daily Cost:		\$51,769				Cum DHC:		\$4,899,958		Total Well Cost:		\$4,899,958					
Operations																	
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run		
6:00	4.50	02	Rotate f/ 11,429' t/ 11,439'										11429	11439	13		
10:30	2.00	02	Slide drill f/ 11,439' t/ 11,445'										11439	11445	13		
12:30	1.00	05	Circulate and pump slug										11445	11445	13		
13:30	7.00	06	T.O.H (motor stall)										11445	11445	NIH		
20:30	1.00	20	Break bit, Laydown Motor,Pick up new motor, Test MWD										11445	11445	14		
21:30	7.50	06	Make up bit and T.I.H (install rotate rubber)										11445	11445	14		
5:00	1.00	20	Break circulation,wash 30' to bottom, get tool face										11445	11445	14		
Total:	24.00																
Mud Properties																	
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand		
11445	7:30	13.65	13.50	54	38	21	12/21/	4.0		2	32.00	25.0%	73.0%	2.0%			
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss			
	10.00		0.08	0.72	153000	420							3/97	0			
Water Loss	LCM	ECD	FL Temp	Remarks													
0	0.0	13.8															

Well Name: UNIVERSITY 20 #4701																
Field Name :		AR-WINK , S. (WOLFCAM)				S/T/R :		47//				County, State :		WARD, TX		
Operator :		ergen Resources Corporati				Location Desc :		47, UL Survey Ward County				District :		PB MID		
Daily Summary																
Activity Date :		2/23/2009		Days From Spud :		118		Current Depth :		11492 Ft		24 Hr. Footage Made :		47 Ft		
Formation :		Shale						Weather :								
Rig Company :								Rig Name :								
Daily Cost :		\$49,107				Cum DHC :		\$4,949,065				Total Well Cost :		\$4,949,065		
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	13.00	02	Slide drill f/ 11,445' t/ 11,465'										11445	11465	14	
19:00	3.50	02	Rotate f/ 11,465' t/ 11,476'										11465	11476	14	
22:30	7.50	02	Slide drill f/ 11,476' t/ 11,492'										11476	11492	14	
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
11461	16:00	13.68	13.58	58	33	19	14/20/	4.0		1	32.00	25.0%	72.0%	3.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	10.00		0.07	0.63	150000	280							4/96	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	13.8														
Daily Summary																
Activity Date :		2/24/2009		Days From Spud :		119		Current Depth :		11555 Ft		24 Hr. Footage Made :		63 Ft		
Formation :		Sand Stone						Weather :								
Rig Company :								Rig Name :								
Daily Cost :		\$51,160				Cum DHC :		\$5,000,225				Total Well Cost :		\$5,000,225		
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	3.00	02	Slide Drill f/ 11,492' t/ 11,496'										11492	11496	14	
9:00	4.00	02	Rotate f/ 11,496' t/ 11,508'										11496	11508	14	
13:00	0.50	07	Rig service										11508	11508	14	
13:30	0.50	08	Rig Repair (driveshaft bolts)										11508	11508	14	
14:00	4.50	02	Slide Drill f/ 11,508' t/ 11,519'										11508	11519	14	
18:30	5.00	02	Rotate f/ 11,519' t/ 11,538'										11519	11538	14	
23:30	5.50	02	Slide Drill f/ 11,538' t/ 11,553'										11538	11553	14	
5:00	1.00	02	Rotate f/ 11,553' t/ 11,555'										11553	11555	14	
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
11531	22:00	13.70		48	34	20	9/13/	4.0		2	32.00	24.8%	72.2%	3.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	10.50		0.15	0.80	150000	300							4/96	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	13.8														

Well Name: UNIVERSITY 20 #4701																
Field Name:		AR-WINK , S. (WOLFCAM)				S/T/R:		47//				County, State:		WARD, TX		
Operator:		ergen Resources Corporati				Location Desc:		47, UL Survey Ward County				District:		PB MID		
Daily Summary																
Activity Date :		2/25/2009		Days From Spud :		120		Current Depth :		11627 Ft		24 Hr. Footage Made :		72 Ft		
Formation :		Shale						Weather:								
Rig Company :								Rig Name:								
Daily Cost:		\$53,001				Cum DHC:		\$5,053,226				Total Well Cost:		\$5,053,226		
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	3.00	02	Rotate f/ 11,555' t/ 11,570'									11555	11570	14		
9:00	0.50	07	Rig Service									11570	11570	14		
9:30	6.00	02	Slide Drill f/ 11,570' t/ 11,585'									11570	11585	14		
15:30	5.00	02	Rotate f/ 11,585' t/ 11,602'									11585	11602	14		
20:30	7.00	02	Slide Drill f/ 11,602' t/ 11,618'									11602	11618	14		
3:30	2.50	02	Rotate f/ 11,618' t/ 11,627'									11618	11627	14		
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
11597	20:00	13.60		48	31	19	13/18/	4.0		2	32.00	24.4%	72.6%	3.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	10.00		0.15	0.75	157000	280							4/96	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	13.7														
Daily Summary																
Activity Date :		2/26/2009		Days From Spud :		121		Current Depth :		11676 Ft		24 Hr. Footage Made :		49 Ft		
Formation :		Shale						Weather:								
Rig Company :								Rig Name:								
Daily Cost:		\$43,791				Cum DHC:		\$5,097,017				Total Well Cost:		\$5,097,017		
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	1.50	02	Rotate f/ 11,627' t/ 11,634'									11627	11634	14		
7:30	0.50	07	Rig Service									11634	11634	14		
8:00	5.00	02	Slide Drill f/ 11,634' t/ 11,650'									11634	11650	14		
13:00	3.00	02	Rotate f/ 11,650' t/ 11,666'									11650	11666	14		
16:00	4.50	02	Slide Drill f/ 11,666' t/ 11,676'									11666	11676	14		
20:30	1.00	05	Circulate and Pump slug									11676	11676	14		
21:30	4.50	06	Set Kelly back and T.O.H									11676	11676	14		
2:00	1.50	21	Wait on crew to show up (crew walked off)									11676	11676	14		
3:30	2.50	06	Continue T.O.H									11676	11676	NIH		
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
11676	21:30	13.40	13.50	48	36	20	11/15/	4.0		2	32.00	23.6%	73.4%	3.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	10.00		0.10	0.80	153000	320							4/96	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	13.5														

Well Name: UNIVERSITY 20 #4701															
Field Name: AR-WINK , S. (WOLFCAM)				S/T/R: 47//				County, State: WARD, TX							
Operator: ergen Resources Corporati				Location Desc: 47, UL Survey Ward County				District: PB MID							

Daily Summary															
Activity Date :		2/27/2009		Days From Spud :		122		Current Depth :		11718 Ft		24 Hr. Footage Made :		42 Ft	
Formation :		Shale						Weather:							
Rig Company :								Rig Name:							
Daily Cost:		\$47,170		Cum DHC:				\$5,144,187		Total Well Cost:		\$5,144,187			

Operations															
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run	
6:00	2.50	20	Directional Work									11676	11676	NIH	
8:30	5.00	06	T.I.H									11676	11676	15	
13:30	1.50	08	Rig Repair (#2 floor motor)									11676	11676	15	
15:00	0.50	06	Continue T.I.H									11676	11676	15	
15:30	0.50	20	Directional Work (get tool face)									11676	11676	15	
16:00	4.50	02	Slide Drill f/ 11,676' t/ 11,685'									11676	11685	15	
20:30	3.00	02	Rotate f/ 11,685' t/ 11,698'									11685	11698	15	
23:30	6.50	02	Slide Drill f/ 11,698' t/ 11,718'									11698	11718	15	
Total:	24.00														

Mud Properties															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
11690	22:00	13.50	13.50	54	36	20	14/20/	4.5		2	32.00	23.5%	74.5%	2.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
	10.50		0.20	0.80	145000	560							3/97	0	
Water Loss	LCM	ECD	FL Temp	Remarks											
0	0.0	13.6													

Daily Summary															
Activity Date :		2/28/2009		Days From Spud :		123		Current Depth :		11792 Ft		24 Hr. Footage Made :		74 Ft	
Formation :		Shale						Weather:							
Rig Company :								Rig Name:							
Daily Cost:		\$54,505		Cum DHC:				\$5,198,692		Total Well Cost:		\$5,198,692			

Operations															
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run	
6:00	3.50	02	Slide Drill f/ 11,718' t/ 11,726'									11718	11726	15	
9:30	1.50	02	Rotate f/ 11,726' t/ 11,732'									11726	11732	15	
11:00	0.50	07	Rig Service									11732	11732	15	
11:30	5.00	02	Slide Drill f/ 11,732' t/ 11,742'									11732	11742	15	
16:30	4.50	02	Rotate f/ 11,742' t/ 11,763'									11742	11763	15	
21:00	5.00	02	Slide Drill f/ 11,763' t/ 11,773'									11763	11773	15	
2:00	0.00	02	Rotate f/ 11,773' t/ 11,792'									11773	11792	15	
Total:	20.00														

Mud Properties															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
11772	1:00	13.40	13.40	57	38	25	20/25/	5.0		2	32.00	26.0%	71.0%	3.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
	10.50		0.20	0.70	156000	400							4/96	0	
Water Loss	LCM	ECD	FL Temp	Remarks											
0	0.0	13.5													

Well Name: UNIVERSITY 20 #4701																
Field Name: AR-WINK , S. (WOLFCAM)				S/T/R: 47//				County, State: WARD, TX								
Operator: ergen Resources Corporati				Location Desc: 47, UL Survey Ward County				District: PB MID								
Daily Summary																
Activity Date :		3/1/2009		Days From Spud :		124		Current Depth :		11798 Ft		24 Hr. Footage Made :		6 Ft		
Formation :		Shale						Weather:								
Rig Company :								Rig Name:								
Daily Cost:		\$90,655		Cum DHC:				\$5,289,347		Total Well Cost:		\$5,289,347				
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	1.50	02	Drill f/11,792' to 11,798'									11792	11798	15		
7:30	2.00	06	Slug pipe and trip out of hole.									11798	11798	15		
9:30	0.50	07	Rig service.									11798	11798	15		
10:00	0.50	08	Rig repair (hydraulic pump)									11798	11798	15		
10:30	3.00	06	Trip out of hole and remove rotating rubber.									11798	11798	NIH		
13:30	1.00	20	Laydown MWD and MTR									11798	11798	NIH		
14:30	1.50	06	Make up PDC bit and T.I.H									11798	11798	16		
16:00	0.50	20	Test Down hole tools									11798	11798	16		
16:30	3.50	06	T.I.H									11798	11798	16		
20:00	4.00	05	Install rotate rubber, break circulation, and restring blocks									11798	11798	16		
0:00	1.00	06	Continue T.I.H, laydown 6jts									11798	11798	16		
1:00	5.00	20	Start logging with periscope @ 11,566' to 11,700									11798	11798	16		
Total:		24.00														
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
11792	1:00	13.40	13.40	57	38	25	20/25/	5.0		2	32.00	26.0%	71.0%	3.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	10.50		0.20	0.70	156000	400							4/96	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	13.5														
Daily Summary																
Activity Date :		3/2/2009		Days From Spud :		125		Current Depth :		11814 Ft		24 Hr. Footage Made :		16 Ft		
Formation :		Shale						Weather:								
Rig Company :								Rig Name:								
Daily Cost:		\$76,751		Cum DHC:				\$5,366,098		Total Well Cost:		\$5,366,098				
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	3.50	20	Logging with periscope f/ 11,700' t/ 11,795'									11798	11798	16		
9:30	1.00	20	Orientate Powerdrive and periscope									11798	11798	16		
10:30	0.50	07	Rig service									11798	11798	16		
11:00	8.00	02	Rotate f/ 11,795' t/ 11,803'									11798	11803	16		
19:00	1.00	06	Pull 20stnds to csg. For rig repair									11803	11803	16		
20:00	7.00	08	Circulate and rig repair (rotary drive bearings)									11803	11803	16		
3:00	1.00	06	T.I.H with 20stnds									11803	11803	16		
4:00	2.00	02	Pick up kelly, break circulation, start drilling f/ 11803' t/ 11,814'									11803	11814	16		
Total:		24.00														
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
11803	21:00	13.50	13.50	52	39	24	13/19/	5.0		2	32.00	24.0%	72.0%	4.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	10.00		0.18	0.70	160000	600							5/95	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	14.9														

Well Name:UNIVERSITY 20 #4701																
Field Name:		AR-WINK , S. (WOLFCAM)				S/T/R:		47//				County,State:		WARD, TX		
Operator:		ergen Resources Corporati				Location Desc:		47, UL Survey Ward County				District:		PB MID		
Daily Summary																
Activity Date :		3/3/2009		Days From Spud :		126		Current Depth :		11872 Ft		24 Hr. Footage Made :		58 Ft		
Formation :		Shale						Weather:								
Rig Company :								Rig Name:								
Daily Cost:		\$80,833				Cum DHC:		\$5,446,931				Total Well Cost:		\$5,446,931		
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	3.50	02	Drill f/11,814' to 11,820'.										11814	11820	16	
9:30	0.50	07	Rig service.										11820	11820	16	
10:00	4.50	02	Drill f/11,820' to 11,830'.										11820	11830	16	
14:30	2.00	08	Rig repair (Brake's on drum locked down).										11830	11830	16	
16:30	13.50	02	Drilling f/ 11,830' t/ 11,872'										11830	11872	16	
Total:		24.00														
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
11847	21:00	13.70	13.60	52	36	22	14/23/	6.0		2	32.00	25.5%	72.0%	2.5%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	10.50		0.20	0.70	156000	800							3/97	0		
Water Loss		LCM	ECD	FL Temp	Remarks											
0		0.0	14.4													
Daily Summary																
Activity Date :		3/4/2009		Days From Spud :		127		Current Depth :		12047 Ft		24 Hr. Footage Made :		175 Ft		
Formation :		Sand Stone						Weather:								
Rig Company :								Rig Name:								
Daily Cost:		\$141,226				Cum DHC:		\$5,588,157				Total Well Cost:		\$5,588,157		
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	4.00	02	Drilling f/ 11,872' t/ 11,884'										11872	11884	16	
10:00	0.50	07	Rig Service										11884	11884	16	
10:30	0.50	08	Work on #1 pump										11884	11884	16	
11:00	19.00	02	Drilling f/ 11,884' t/ 12,047										11884	12047	16	
Total:		24.00														
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
12008	20:30	13.60	13.60	51	36	19	10/14/	5.0		2	32.00	26.0%	70.0%	4.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	10.50		0.10	0.70	167000	800							5/95	0		
Water Loss		LCM	ECD	FL Temp	Remarks											
0		0.0	14.2													

Well Name:UNIVERSITY 20 #4701																
Field Name:		AR-WINK , S. (WOLFCAM)				S/T/R:		47//				County,State:		WARD, TX		
Operator:		ergen Resources Corporati				Location Desc:		47, UL Survey Ward County				District:		PB MID		
Daily Summary																
Activity Date :		3/5/2009		Days From Spud :		128		Current Depth :		12088 Ft		24 Hr. Footage Made :		41 Ft		
Formation :		Sand Stone						Weather:								
Rig Company :								Rig Name:								
Daily Cost:		\$143,207				Cum DHC:		\$5,731,364				Total Well Cost:		\$5,731,364		
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	5.50	02	Drilling f/ 12,047' t/ 12,074'										12047	12074	16	
11:30	1.00	07	Rig Service (Replace swab #1 pump)										12074	12074	16	
12:30	5.50	02	Drilling f/ 12,074' t/ 12,088'										12074	12088	16	
18:00	6.00	06	Pump slug & T.O.H, break bit										12088	12088	NIH	
0:00	3.50	20	Change out poerdrive,short pulse, and periscope										12088	12088	NIH	
3:30	0.50	06	Make up bit and T.I.H 16 stnds										12088	12088	NIH	
4:00	0.50	20	Test Dir. Tools										12088	12088	NIH	
4:30	1.50	06	T.I.H										12088	12088	17	
Total:		24.00														
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
12088	20:00	13.40	13.40	47	31	16	10/14/	7.0		2	32.00	24.0%	72.0%	4.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	9.50		0.15	0.75	161000	900							5/95	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	14.0														
Daily Summary																
Activity Date :		3/6/2009		Days From Spud :		129		Current Depth :		12091 Ft		24 Hr. Footage Made :		3 Ft		
Formation :		Sand Stone						Weather:								
Rig Company :								Rig Name:								
Daily Cost:		\$149,625				Cum DHC:		\$5,880,989				Total Well Cost:		\$5,880,989		
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	2.50	06	T.I.H										12088	12088	17	
8:30	1.00	20	Fill up and Check Dir. Tools										12088	12088	17	
9:30	1.50	06	Continue T.I.H										12088	12088	17	
11:00	0.50	20	Calibrate Dir. Tools										12088	12088	17	
11:30	2.00	02	Drilling f/ 12,088' t/ 12,091"										12088	12091	17	
13:30	3.50	20	Attempt to communicate with dir tools										12091	12091	17	
17:00	7.00	06	Pump slug and T.O.H (directional tools)										12091	12091	17	
0:00	1.00	20	Replace Periscope (clean contacts on new one)										12091	12091	17	
1:00	1.00	06	T.I.H 16 stnds to test directional tools										12091	12091	17	
2:00	0.50	20	Test directional tools										12091	12091	17	
2:30	3.50	06	Continue T.I.H										12091	12091	17	
Total:		24.00														
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
12091	17:30	13.60	13.60	51	31	22	13/19/	7.0		2	32.00	25.0%	71.0%	4.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	10.00		0.10	0.60	158000	1080							5/95	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	14.9														

Well Name: UNIVERSITY 20 #4701																
Field Name:		AR-WINK , S. (WOLFCAM)				S/T/R:		47//				County, State:		WARD, TX		
Operator:		Ergen Resources Corporati				Location Desc:		47, UL Survey Ward County				District:		PB MID		
Daily Summary																
Activity Date :		3/7/2009		Days From Spud :		130		Current Depth :		12112 Ft		24 Hr. Footage Made :		21 Ft		
Formation :		Shale						Weather:								
Rig Company :								Rig Name:								
Daily Cost:		\$146,492				Cum DHC:		\$6,027,481		Total Well Cost:		\$6,027,481				
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	0.50	06	T.I.H										12091	12091	17	
6:30	1.00	05	Break circulation and test directional tools										12091	12091	17	
7:30	1.00	06	Continue T.I.H										12091	12091	17	
8:30	8.00	02	Drilling f/ 12,091' t/ 12,106'										12091	12106	17	
16:30	0.50	07	Rig Service										12106	12106	17	
17:00	6.00	02	Drilling f/ 12,106' t/ 12,112'										12106	12112	17	
23:00	1.00	06	Pump slug and T.O.H 20 stnds (rotarty bearing broke)										12112	12112	17	
0:00	6.00	08	Replace rotary bearing										12112	12112	17	
Total:		24.00														
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
12107	19:30	13.60	13.50	52	32	19	12/16/	7.0		2	32.00	25.0%	71.0%	4.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	9.50		0.10	0.80	154000	1000							5/95	0		
Water Loss		LCM	ECD	FL Temp	Remarks											
0		0.0	14.7													
Daily Summary																
Activity Date :		3/8/2009		Days From Spud :		131		Current Depth :		12161 Ft		24 Hr. Footage Made :		49 Ft		
Formation :		Shale						Weather:								
Rig Company :								Rig Name:								
Daily Cost:		\$79,876				Cum DHC:		\$6,107,357		Total Well Cost:		\$6,107,357				
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	1.50	08	Replace lower rotary sprocket.										12112	12112	17	
7:30	1.00	06	Trip in hole.										12112	12112	17	
8:30	21.50	02	Drill f/12,112' t/ 12,161'										12112	12161	17	
Total:		24.00														
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
12153	22:00	13.80	13.80	52	36	23	15/21/	7.0		2	32.00	26.0%	70.0%	4.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	9.50		0.10	0.70	158000	480							5/95	0		
Water Loss		LCM	ECD	FL Temp	Remarks											
0		0.0	14.4													

Well Name: UNIVERSITY 20 #4701																	
Field Name:		AR-WINK , S. (WOLFCAM)					S/T/R:		47//				County, State:		WARD, TX		
Operator:		Ergen Resources Corporati					Location Desc:		47, UL Survey Ward County				District:		PB MID		
Daily Summary																	
Activity Date :		3/9/2009		Days From Spud :		132		Current Depth :		12201 Ft		24 Hr. Footage Made :		40 Ft			
Formation :		Shale					Weather:										
Rig Company :							Rig Name:										
Daily Cost:		\$76,907		Cum DHC:				\$6,184,264		Total Well Cost:		\$6,184,264					
Operations																	
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run			
6:00	5.00	02	Drill f/12,161' to 12,170'.									12161	12170	17			
11:00	0.50	07	Rig service.									12170	12170	17			
11:30	18.50	02	Drill f/12,170' to 12,201'									12170	12201	17			
Total:	24.00																
Mud Properties																	
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand		
12185	22:00	13.80	13.80	68	56	27	26/40/	8.0		2	32.00	25.5%	70.5%	4.0%			
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss			
	11.00		0.30	1.00	149000	200							5/95	0			
Water Loss	LCM	ECD	FL Temp	Remarks													
0	0.0	15.7															
Daily Summary																	
Activity Date :		3/10/2009		Days From Spud :		133		Current Depth :		12233 Ft		24 Hr. Footage Made :		32 Ft			
Formation :		Shale					Weather:										
Rig Company :							Rig Name:										
Daily Cost:		\$101,752		Cum DHC:				\$6,286,016		Total Well Cost:		\$6,286,016					
Operations																	
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run			
6:00	1.50	02	Drilling f/ 12,201' t/ 12,202									12201	1202	17			
7:30	1.00	21	Swivel backed out of kelly									1202	1202	17			
8:30	5.00	02	Drilling f/ 12,202' t/ 12,233'									1202	12233	17			
13:30	6.50	06	Pump slug and T.O.H									12233	12233	NIH			
20:00	1.00	20	Laydown directional tools									12233	12233	NIH			
21:00	0.50	07	Rig Service									12233	12233	NIH			
21:30	1.00	20	Pick up new directional tools									12233	12233	18			
22:30	0.50	06	T.I.H 16 stnds									12233	12233	18			
23:00	0.50	20	Test Directional tools									12233	12233	18			
23:30	0.50	06	T.I.H									12233	12233	18			
0:00	3.00	09	Slip and cut drilling line (425' drilling line got kinked)									12233	12233	18			
3:00	3.00	06	Continue T.I.H									12233	12233	18			
Total:	24.00																
Mud Properties																	
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand		
12201	22:00	13.80	13.80	68	56	27	26/40/	8.0		2	32.00	25.5%	70.5%	4.0%			
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss			
	11.00		0.30	1.00	149000	200							5/95	0			
Water Loss	LCM	ECD	FL Temp	Remarks													
0	0.0	15.7															

Well Name:UNIVERSITY 20 #4701																
Field Name: AR-WINK , S. (WOLFCAM)				S/T/R: 47//				County,State: WARD, TX								
Operator: ergen Resources Corporati				Location Desc: 47, UL Survey Ward County				District: PB MID								
Daily Summary																
Activity Date :		3/11/2009		Days From Spud :		134		Current Depth :		12314 Ft		24 Hr. Footage Made :		81 Ft		
Formation :		Shale						Weather:								
Rig Company :								Rig Name:								
Daily Cost:		\$81,144		Cum DHC:				\$6,367,160		Total Well Cost:		\$6,367,160				
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	1.50	06	T.I.H									12233	12233	18		
7:30	1.00	20	Test directional tools (install rotate rubber)									12233	12233	18		
8:30	1.00	06	T.I.H									12233	12233	18		
9:30	1.50	20	Uplink directional tools									12233	12233	18		
11:00	3.00	02	Drilling f/ 12,233' t/ 12,265'									12233	12265	18		
14:00	0.50	07	Rig service									12265	12265	18		
14:30	6.50	02	Drilling f/ 12,265' t/ 12,314'									12265	12314	18		
21:00	1.00	06	Pump slug and T.O.H 22 stnds (Drive shaft broke due to excessive RPM)									12314	12314	18		
22:00	5.50	08	Circulate and fix drive shaft									12314	12314	18		
3:30	0.50	06	T.I.H									12314	12314	18		
4:00	2.00	20	Pick up kelly, break circulation, up link directional tools									12314	12314	18		
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
12312	20:30	13.80	13.80	48	30	17	11/14/	7.0		2	32.00	3.8%	70.5%	3.5%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	10.50		0.20	0.60	155000	160							5/95	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	14.3														
Daily Summary																
Activity Date :		3/12/2009		Days From Spud :		135		Current Depth :		12360 Ft		24 Hr. Footage Made :		46 Ft		
Formation :		Sand Stone						Weather:								
Rig Company :								Rig Name:								
Daily Cost:		\$72,248		Cum DHC:				\$6,439,408		Total Well Cost:		\$6,439,408				
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	2.00	20	Attempt to uplink directional tools									12314	12314	18		
8:00	6.50	06	Pump slug and T.O.H									12314	12314	18		
14:30	3.00	20	Change out directional tools									12314	12314	18		
17:30	0.50	06	T.I.H 10 stnds									12314	12314	18		
18:00	0.50	20	Test directional tools									12314	12314	18		
18:30	3.50	06	Continue T.I.H to window									12314	12314	18		
22:00	1.00	20	Install rotate rubber and test directional tools									12314	12314	18		
23:00	1.00	06	Continue T.I.H									12314	12314	18		
0:00	6.00	02	Break circulation, drilling f/ 12,314' t/ 12,360'									12314	12360	18		
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
12314	19:00	13.70	13.70	54	37	21	10/19/	6.0		2	32.00	5.5%	70.5%	3.5%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	11.00		0.10	0.60	155000	200							5/95	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	14.3														

Well Name:UNIVERSITY 20 #4701																
Field Name:		AR-WINK , S. (WOLFCAM)			S/T/R:		47//			County,State:		WARD, TX				
Operator:		ergen Resources Corporati			Location Desc:		47, UL Survey Ward County			District:		PB MID				
Daily Summary																
Activity Date :		3/13/2009		Days From Spud :		136		Current Depth :		12545 Ft		24 Hr. Footage Made :		185 Ft		
Formation :		Sand Stone					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$78,398		Cum DHC:				\$6,517,806		Total Well Cost:		\$6,517,806				
Operations																
Start	Hrs	Code	Remarks								Start Depth	End Depth	Run			
6:00	3.50	02	Drilling f/ 12,360' t/ 12,395'								12360	12395	18			
9:30	1.50	08	Work on air compressor								12395	12395	18			
11:00	3.00	02	Drilling f/ 12,395' t/ 12,424'								12395	12424	18			
14:00	0.50	07	Rig service								12424	12424	18			
14:30	15.50	02	Drilling f/ 12,424' t/ 12,545'								12424	12545	18			
Total:		24.00														
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
12456	19:30	13.70	13.70	50	36	16	11/15/	7.0		2	32.00	4.8%	71.0%	3.5%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	10.50		0.20	0.60	148000	480							5/95	0		
Water Loss		LCM	ECD	FL Temp	Remarks											
0		0.0	14.3													
Daily Summary																
Activity Date :		3/14/2009		Days From Spud :		137		Current Depth :		12688 Ft		24 Hr. Footage Made :		143 Ft		
Formation :		Sand Stone					Weather:									
Rig Company :							Rig Name:									
Daily Cost:		\$106,877		Cum DHC:				\$6,624,683		Total Well Cost:		\$6,624,683				
Operations																
Start	Hrs	Code	Remarks								Start Depth	End Depth	Run			
6:00	10.50	02	Drilling f/ 12,545' t/ 12,615'								12545	12615	18			
16:30	0.50	07	Rig service								12615	12615	18			
17:00	13.00	02	Drilling f/ 12,615' t/ 12,688'								12615	12688	18			
Total:		24.00														
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
12643	22:30	13.70	13.70	52	38	19	11/19/	9.0		2	32.00	6.3%	70.0%	4.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	11.00		0.30	0.90	139000	240							5/95	0		
Water Loss		LCM	ECD	FL Temp	Remarks											
0		0.0	14.3													

Well Name:UNIVERSITY 20 #4701																
Field Name:		AR-WINK , S. (WOLFCAM)				S/T/R:		47//				County,State:		WARD, TX		
Operator:		ergen Resources Corporati				Location Desc:		47, UL Survey Ward County				District:		PB MID		
Daily Summary																
Activity Date :		3/15/2009		Days From Spud :		138		Current Depth :		12870 Ft		24 Hr. Footage Made :		182 Ft		
Formation :		Sand Stone						Weather:								
Rig Company :								Rig Name:								
Daily Cost:		\$117,376				Cum DHC:		\$6,742,059		Total Well Cost:		\$6,742,059				
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	10.50	02	Drilling f/12,688' to 12,774'.									12688	12774	18		
16:30	0.50	07	Rig service.									12774	12774	18		
17:00	13.00	02	Drilling f/12,774' to 12,870'									12774	12870	18		
Total:		24.00														
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
12783	18:00	13.70	13.70	53	35	21	13/21/	8.0		2	32.00	6.1%	70.0%	4.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	10.50		0.13	1.20	144000	160							5/95	0		
Water Loss		LCM	ECD	FL Temp	Remarks											
0		0.0	14.3													
Daily Summary																
Activity Date :		3/16/2009		Days From Spud :		139		Current Depth :		12990 Ft		24 Hr. Footage Made :		120 Ft		
Formation :		Sand Stone						Weather:								
Rig Company :								Rig Name:								
Daily Cost:		\$101,874				Cum DHC:		\$6,843,933		Total Well Cost:		\$6,843,933				
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	2.50	02	Drilling f/ 12,870' t/ 12,887'									12870	12887	18		
8:30	1.50	06	Pump slug and T.O.H									12887	12887	18		
10:00	1.50	08	Wait on mechanic									12887	12887	18		
11:30	4.50	08	Replace bearing and spocket on rotary drive									12887	12887	18		
16:00	2.00	06	T.I.H									12887	12887	18		
18:00	12.00	02	Drilling f/ 12,887' t/ 12,990'									12887	12990	18		
Total:		24.00														
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
12892	18:00	13.70	13.70	54	36	21	13/21/	7.0		2	32.00	6.4%	72.0%	2.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	10.50		0.13	0.90	141000	200							3/97	0		
Water Loss		LCM	ECD	FL Temp	Remarks											
0		0.0	14.2													

Well Name:UNIVERSITY 20 #4701																		
Field Name:		AR-WINK , S. (WOLFCAM)				S/T/R:		47//				County,State:		WARD, TX				
Operator:		ergen Resources Corporati				Location Desc:				47, UL Survey Ward County				District:		PB MID		
Daily Summary																		
Activity Date :		3/17/2009		Days From Spud :		140		Current Depth :		13164 Ft		24 Hr. Footage Made :		174 Ft				
Formation :		Sand Stone						Weather:										
Rig Company :								Rig Name:										
Daily Cost:		\$107,144				Cum DHC:		\$6,951,077				Total Well Cost:		\$6,951,077				
Operations																		
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run			
6:00	13.50	02	Drilling f/ 12,990' t/ 13,100'										12990	13100	18			
19:30	0.50	07	Rig service										13100	13100	18			
20:00	10.00	02	Drilling f/ 13,100' t/ 13,164'										13100	13164	18			
Total:	24.00																	
Mud Properties																		
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand			
13085	17:30	13.70	13.70	54	32	19	14/20/	6.5		2	32.00	7.5%	70.0%	3.0%				
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss				
	11.00		0.31	0.92	142000	240							4/96	0				
Water Loss	LCM	ECD	FL Temp	Remarks														
0	0.0	14.3																
Daily Summary																		
Activity Date :		3/18/2009		Days From Spud :		141		Current Depth :		13224 Ft		24 Hr. Footage Made :		60 Ft				
Formation :		Sand Stone						Weather:										
Rig Company :								Rig Name:										
Daily Cost:		\$102,521				Cum DHC:		\$7,053,598				Total Well Cost:		\$7,053,598				
Operations																		
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run			
6:00	8.50	02	Drilling f/ 13,164' t/ 13,224'										13164	13224	18			
14:30	0.50	07	Rig service										13224	13224	18			
15:00	0.50	06	Pull 1 stnd										13224	13224	18			
15:30	4.00	08	Replace swivel packing										13224	13224	18			
19:30	1.50	06	T.O.H 36 stnds										13224	13224	18			
21:00	4.50	08	Circulate and wait on swivel, replace swivel										13224	13224	18			
1:30	1.00	06	T.I.H (Hit tight spot @ 12,225)										13224	13224	18			
2:30	2.50	05	Laydown 6 jts and ream from 12,034' t/ 12,225'										13224	13224	18			
5:00	1.00	06	T.I.H										13224	13224	18			
Total:	24.00																	
Mud Properties																		
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand			
13224	19:30	13.50	13.60	57	36	19	14/23/	7.0		2	32.00	8.0%	72.0%	2.0%				
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss				
	10.50		0.30	0.88	133000	320							3/97	0				
Water Loss	LCM	ECD	FL Temp	Remarks														
0	0.0	13.8																

Well Name: UNIVERSITY 20 #4701																
Field Name: AR-WINK , S. (WOLFCAM)				S/T/R: 47//				County, State: WARD, TX								
Operator: ergen Resources Corporati				Location Desc: 47, UL Survey Ward County				District: PB MID								
Daily Summary																
Activity Date :		3/19/2009		Days From Spud :		142		Current Depth :		13276 Ft		24 Hr. Footage Made :		52 Ft		
Formation :		Sand Stone						Weather:								
Rig Company :								Rig Name:								
Daily Cost:		\$151,246		Cum DHC:				\$7,204,844		Total Well Cost:		\$7,204,844				
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	0.50	20	Uplink directional tools										13224	13224	18	
6:30	3.50	02	Drilling f/ 13,224' t/ 13,251'										13224	13251	18	
10:00	0.50	07	Rig service										13251	13251	18	
10:30	3.50	02	Drilling f/ 13,251' t/ 13,276'										13251	13276	18	
14:00	2.00	05	Circulate, change wear plate on #1 pump										13276	13276	18	
16:00	1.50	06	Make wiper trip 20 stnds										13276	13276	18	
17:30	1.50	05	Circulate bottoms up										13276	13276	18	
19:00	1.50	06	Make wiper trip 23 stnds										13276	13276	18	
20:30	5.00	05	Circulate										13276	13276	18	
1:30	4.50	06	Pump slug and T.O.H (strap out)										13276	13276	18	
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
13287	18:00	13.70	13.70	53	32	20	11/19/	7.2		2	32.00	8.2%	70.0%	3.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	10.00		0.19	1.20	141500	170							4/96	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	14.2														
Daily Summary																
Activity Date :		3/20/2009		Days From Spud :		143		Current Depth :		13276 Ft		24 Hr. Footage Made :		0 Ft		
Formation :		Sand Stone						Weather:								
Rig Company :								Rig Name:								
Daily Cost:		\$50,424		Cum DHC:				\$7,255,268		Total Well Cost:		\$7,255,268				
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	3.00	06	Trip out of hole.										13276	13276	NIH	
9:00	2.00	20	Laydown directional tools.										13276	13276	NIH	
11:00	0.50	07	Rig service.										13276	13276	NIH	
11:30	5.00	21	Wait on landing collar from Baker										13276	13276	NIH	
16:30	3.00	12	Run 57jts of 4 inch ultra fulsh										13276	13276	NIH	
19:30	0.50	12	Rig down csg. Crew										13276	13276	NIH	
20:00	0.50	05	Circulate and wait on liner hanger										13276	13276	NIH	
20:30	1.00	12	Make up liner hanger and rig down laydown truck										13276	13276	NIH	
21:30	8.50	06	T.I.H with liner (fill up every 24 stnds)										13276	13276	NIH	
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
13276	18:00	13.70	13.70	53	32	20	11/19/	7.2		2	32.00	8.2%	70.0%	3.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	10.00		0.19	1.20	141500	170							4/96	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	14.2														

Well Name: UNIVERSITY 20 #4701																
Field Name:		AR-WINK , S. (WOLFCAM)				S/T/R:		47//				County, State:		WARD, TX		
Operator:		Ergen Resources Corporati				Location Desc:		47, UL Survey Ward County				District:		PB MID		
Daily Summary																
Activity Date :		3/21/2009		Days From Spud :		144		Current Depth :		13276 Ft		24 Hr. Footage Made :		0 Ft		
Formation :						Weather:										
Rig Company :						Rig Name:										
Daily Cost:		\$31,445		Cum DHC:				\$7,286,713		Total Well Cost:		\$7,286,713				
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	3.00	06	T.I.H with liner									13276	13276	NIH		
9:00	3.00	05	Circulate									13276	13276	NIH		
12:00	4.00	12	Hang liner and cement									13276	13276	NIH		
16:00	1.00	06	T.O.H 3stdns reverse circulate									13276	13276	NIH		
17:00	5.50	06	T.O.H									13276	13276	NIH		
22:30	7.50	13	Wait on cement									13276	13276	NIH		
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
13276	18:00	13.70	13.70	53	32	20	11/19/	7.2		2	32.00	8.2%	70.0%	3.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	10.00		0.19	1.20	141500	170							4/96	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	14.2														
Daily Summary																
Activity Date :		3/22/2009		Days From Spud :		145		Current Depth :		13276 Ft		24 Hr. Footage Made :		0 Ft		
Formation :						Weather:										
Rig Company :						Rig Name:										
Daily Cost:		\$84,215		Cum DHC:				\$7,370,928		Total Well Cost:		\$7,370,928				
Operations																
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run		
6:00	5.00	13	Wait on cement									13276	13276	NIH		
11:00	5.50	06	T.I.H tagged cement @ 10,605'									13276	13276	NIH		
16:30	2.50	02	Drilling cement f/10,605' t/ 10,716'									13276	13276	NIH		
19:00	1.00	05	Displace hole with brine water									13276	13276	NIH		
20:00	1.00	21	Wait on laydown truck									13276	13276	NIH		
21:00	9.00	06	Rig up laydown truck and laydown pipe(T.I.H 40 stdns)									13276	13276	NIH		
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
13276	18:00	13.70	13.70	53	32	20	11/19/	7.2		2	32.00	8.2%	70.0%	3.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
	10.00		0.19	1.20	141500	170							4/96	0		
Water Loss	LCM	ECD	FL Temp	Remarks												
0	0.0	14.2														

Well Name:UNIVERSITY 20 #4701															
Field Name: AR-WINK , S. (WOLFCAM)				S/T/R: 47//				County,State: WARD, TX							
Operator: ergen Resources Corporati				Location Desc: 47, UL Survey Ward County				District: PB MID							
Daily Summary															
Activity Date :		3/23/2009		Days From Spud :		146		Current Depth :		13276 Ft		24 Hr. Footage Made :		0 Ft	
Formation :								Weather:							
Rig Company :								Rig Name:							
Daily Cost:		\$19,255		Cum DHC:				\$7,390,183		Total Well Cost:		\$7,390,183			
Operations															
Start	Hrs	Code	Remarks									Start Depth	End Depth	Run	
6:00	4.50	06	Laydown pipe									13276	13276	NIH	
10:30	0.50	21	Rig down laydown truck									13276	13276	NIH	
11:00	7.00	14	Nipple down B.O.P (jet and clean pits) rig released @ 1800									13276	13276	NIH	
18:00	12.00	01	Tear down									13276	13276	NIH	
Total:	24.00														
Mud Properties															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
13276	18:00	13.70	13.70	53	32	20	11/19/	7.2		2	32.00	8.2%	70.0%	3.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
	10.00		0.19	1.20	141500	170							4/96	0	
Water Loss	LCM	ECD	FL Temp	Remarks											
0	0.0	14.2													
Formation															
Formation Name		Current Well Top		Subsea Datum		Ref Well Top		Elec Top		Comments					
Casing															
DateIn	Setting Depth		Jts Run		Type		Size	Weight	Grade	MINID		HoleDiam		TD	
10/31/2008	1168		26		3. Surface		13.375	48	H-40	12.715		17.5		1171	
Stage: 1, Lead, 0, 750, 6%D20+3%D44+.125ppsD130, Class C, 1.81, 12.9															
Stage: 1, Tail, 0, 340, Class C+1%S1, Class C, 1.33, 14.8															
12/24/2008	11813.64		262		5. Production		7	26	P-110	6.276		8.75		11800	
Stage: 1, Lead, 0, 1100, 50:50POZ:C+10%D20+5%D44+.125pps,D130+.5%D606+.35%D201+.04gpsD177, Class C, 2.37, 11.9															
Stage: 1, Tail, 0, 600, "C"+.35%D201, Class C, 1.78, 13.2															
Stage: 1, Wash, 20, 0, 100 Chemical Wash ahead of lead, , 0, 0															
3/20/2009	2554.95		57		6. Liner		5.5	11.6		3.419		6.125		13276	



Energen Resources Corp.

605 Richard Arrington Blvd.

Birmingham, AL 35205

(800) 292-4005

R E S O U R C E S

Wellwork Chronological Report

Well Name : UNIVERSITY 20 #4701							
Prospect:		EEX			AFE #:		PB111108
Sec/Twp/Rge:		47 / /			AFE Total:		\$3,180,740
API #:		4247535473	Field:		R-WINK , S. (WOLFCA		This AFE Cost: \$8,911,571
Work Type:		Completion	County , St.:		WARD, TX		Tot Assoc AFE's: \$8,911,571
Operator:		gen Resources Corpor		Supervisor:		Boyd Holmes	
Phone:							
Production Current/Expected		Oil:	0 / 0		Gas:	0 / 0	
Water:		0 / 0					

Wellwork Details									
Date :	3/24/2009	Days:	1	DC :	\$0	CCC:	\$0	CWC:	\$7,390,183
Activity:	WO Completion			Rig Name:					
Daily Report Summary :									
Daily Report Detail:		Waiting on Completion.							
		Drilling Costs: \$7,390,183							
		Completion Costs: \$0.00.							
Date :	4/7/2009	Days:	15	DC :	\$12,100	CCC:	\$12,100	CWC:	\$7,402,283
Activity:	CLEAN OUT W/ COIL TUBING			Rig Name:					
Daily Report Summary :		4/06/09- Clean location. Nipple up, Frac stack consisting of 1- 7 1/16" 10K Easy turn frac valve, 1- 7 1/16" 10K Frac Cross with 2 -4" frac valves on eachside with 4" 1002 connections on each end valve, 1- 7 1/16" 10K" Easy Turn frac valve .NU flowback manifold, sand seperator Moved in 28- 500 bbls frac tanks. Tuesday-RU 1 3/4" coil/Test/RIH displacing out brine & mud. Drill out shoe.							
Daily Report Detail:		4/06/09- Clean/blade location. Nipple up, Frac stack consisting of 1- 7 1/16" 10K Easy turn frac valve, 1- 7 1/16" 10K Frac Cross with 2 -4" frac valves on eachside with 4" 1002 connections on each end valve, 1- 7 1/16" 10K" Easy Turn frac valve .NU flowback manifold, sand seperator Moved in 30- 500 bbls frac tanks. Tuesday- RU 1 3/4" coil/Test/RIH displacing out brine & mud. Drill out shoe.							
Date :	4/8/2009	Days:	16	DC :	\$62,800	CCC:	\$74,900	CWC:	\$7,465,083
Activity:	CLEAN OUT W/ COIL TUBING			Rig Name:					
Daily Report Summary :		4/7/09- PJSM. Spot 1 3/4" CT unit. NU BOP's. M/U Baker 3 1/4" mill, 2.13 Xstream motor, Tested motor. Tested BOP' to 7500 psi. RIH w/ 3 1/4" mill on CT. Tagged at 10,716'. Drilled thru stringer to 10,750'. Worked thru liner top OK. Tested liner top to 9000 psi. RIH. Tagged at 12,652'. Milled thru cement stringers to 12,809'. Drilled wiper plug and cement from 12,809'-13,032'. Drilling cement at 0600 hrs.							
Daily Report Detail:		4/7/09- PJSM. Spot 1 3/4" CT unit. NU BOP's. M/U Baker 3 1/4" mill, 2.13 Xstream motor, 2.13 circulating sub, 2.13 Fau Hydraulic Disconnect, 2.13 Dual back pressure valve, 2.25 x 1 3/4" coil connect. Tested motor. Tested BOP's and 4" valves to 7500 psi. RIH w/ 3 1/4" mill on CT. Displaced 10# brine with 5% KCL water. Tagged at 10,716'. Drilled thru stringer to 10,750'. Worked thru liner top OK. Tested liner top to 9000 psi. RIH. Tagged at 12,652'. Milled thru cement stringers to 12,809'. Drilled wiper plug and cement from 12,809'-13,032'. Drilling cement at 0600 hrs.							
From 7:00 To 7:15	0.25 hrs	Category/Rmks:	Clean Out : PJSM. Good comm/high pressures						
From 7:15 To 11:00	3.75 hrs	Category/Rmks:	Clean Out : RU BobCat 1 3/4" CT/BOP's. M/U mill/motor. Test motor.Test BOP t/ 7500 psi						
From 11:00 To 14:30	3.5 hrs	Category/Rmks:	Clean Out : RIH w/ 3 1/4" mill displacing out 10# brine water.						
From 14:30 To 16:15	1.75 hrs	Category/Rmks:	Clean Out : Drilled thru cement string. Work thru liner to 5 times.						
From 16:15 To 16:30	0.25 hrs	Category/Rmks:	TEST CASING : Tested liner top t/ 9000 psi.						
From 16:30 To 17:30	1 hrs	Category/Rmks:	Clean Out : RIH w/ mill. Tagged at 12,652'. Work passed string. Tagged at 12,809'.						
From 17:30 To 6:00	2.5 hrs	Category/Rmks:	Clean Out : Drilled cement from 12,809'-13,032'. Drilling at 0600 hrs.						

Well Name : UNIVERSITY 20 #4701										
Prospect:		EEX			AFE #:		PB111108			
Sec/Twp/Rge:		47 / /			AFE Total:		\$3,180,740			
API #:		4247535473	Field:		R-WINK , S. (WOLFCA	This AFE Cost:		\$8,911,571		
Work Type:		Completion	County , St.:		WARD, TX	Tot Assoc AFE's:		\$8,911,571		
Operator:		gen Resources Corpor	Supervisor:		Boyd Holmes	Phone:				
Production Current/Expected		Oil:	0 / 0		Gas:	0 / 0		Water:	0 / 0	

Date :	4/9/2009	Days:	17	DC :	\$53,590	CCC:	\$128,490	CWC:	\$7,518,673
Activity:	CLEAN OUT W/ COIL TUBING			Rig Name:					
Daily Report Summary :		4/8/09. Drilled cement from 13,032'- 13,169'.Would not drill off. POOH w/ 3 1/4" mill & motor. Changed out mill and motor. Tested. RIH w/ new BHA. Tagged at 13,175'. Drilled float collar and cement to 13,215'. Drilling cement at 0600 hrs.							
Daily Report Detail:		4/8/09. Drilled cement from 13,032'- 13,169'. Stopped drilling 500 psi of torque. Drilled on same spot for 2 hrs. PU 500 '. RIH. Drilled at 13,169'.Would not drill off. POOH w/ 3 1/4" mill & motor.Changed out mill and motor. Tested. RIH w/ new BHA.Tagged at 13,175'. Drilled float collar and cement to 13,215'. Drilling cement at 0600 hrs.							
From 6:00 To 20:45	4.75 hrs	Category/Rmks:	Clean Out : Drilled cement from 13,032' to 13,169'. Would not drill.						
From 20:45 To 23:00	2.25 hrs	Category/Rmks:	Clean Out : POOH w/ 1 3/4" Coil.						
From 23:00 To 23:45	0.75 hrs	Category/Rmks:	Clean Out : Changed out motor and mill. Tested.						
From 23:45 To 2:45	3 hrs	Category/Rmks:	Clean Out : RIH w/ new mill & motor on 1 3/4" coil.						
From 2:45 To 6:00	3.25 hrs	Category/Rmks:	Clean Out : Drilled FL at 13,175'. Drilled cement t/ 13,215'. Drilling cement at 0600 hrs.						

Date :	4/10/2009	Days:	18	DC :	\$51,840	CCC:	\$180,330	CWC:	\$7,570,513
Activity:	Fishing			Rig Name:					
Daily Report Summary :		4/9/09- Drill cement f/ 13,215'-13,230'. Pulled up in casing due to low water volume. RIH. Tagged at 13,222'. Drilled cement from 13,222' to float collar at 13,259'. (coil depth). Pumped high vis sweep. Drilled from 13,259' to 13,270'. Pumped sweep. 2480 psi on annulus at bottom's up. 3% oil cut. Annulus pressure dropped to 1500 psi. 1.5 BPM in/1.5 BPM out. Pulled up t/ liner top. Pumped high vis sweep. Dropped ball. Circ 3 hrs. POOH. Found disconnect sub disconnected leaving mill, motor, circulating sub, part of disconnect sub in hole. (WO overshot) (3100 psi on casing). M/U 2 7/8" OD overshot . RIH. Tagged at 10,707'. Worked for 1 hour in attempt op pass thru liner with no success. POH w/ overshot at 0600 hrs.							
Daily Report Detail:		4/9/09- Drill cement from 13,215'-13,230'. Pulled up in casing due to low water volume. RIH. Tagged at 13,222'. Drilled cement from 13,222' to float collar at 13,259'. (coil depth). Pumped high vis sweep. Drilled from 13,259' to 13,270'. (slow drilling from 13,263'-70') Pumped high vis sweep. 1.5 BPM in/1.5 BPM out. 16/64 choke. Pulled up t/ liner top. Pumped high vis sweep. Dropped ball. Circ 3 hrs. POOH w/ Mill. Found disconnect sub disconnected leaving 3 1/4" mill, 2 1/8" motor, 2 1/8" circulating sub, part of disconnect sub in hole. (WO overshot) (Length of fish-10.78) 2.13 OD. M/U 2 7/8" OD overshot w/ 2 1/8" grapple. RIH. Tagged at 10,707'. Worked for 1 hour in attempt overshot passed liner top with no success. POOH w/ overshot at 0600 hrs.							
From 6:00 To 6:30	0.5 hrs	Category/Rmks:	Clean Out : Drilled cement f/ 13, 225'-13,230'.						
From 6:30 To 7:00	0.5 hrs	Category/Rmks:	Clean Out : Pulled to liner top. RIH.						
From 7:00 To 15:00	8 hrs	Category/Rmks:	Clean Out : Drilled cement from 13,230'-13,272'. Coil depth.						
From 15:00 To 18:00	3 hrs	Category/Rmks:	CIRC : Circulate high vis sweeps.POOH to liner top.						
From 18:00 To 20:30	2.5 hrs	Category/Rmks:	Clean Out : POOH w/ mill. Found disconnect sub-disconnected leaving mill,motor, circ sub in hole.						
From 20:30 To 1:00	4.5 hrs	Category/Rmks:	FISHING : Wait on overshot.M/O 2 7/8 OD x 2 1/8" grapple.						
From 1:00 To 3:30	2.5 hrs	Category/Rmks:	FISHING : RIH w/ overshot on 1 3/4" CT. Tagged at 10,707'.						
From 3:30 To 4:30	1 hrs	Category/Rmks:	FISHING : Attempt to pass thru liner. No success.						
From 4:30 To 6:00	1.5 hrs	Category/Rmks:	FISHING : POOH w/ overshot.						

Well Name : UNIVERSITY 20 #4701													
Prospect:		EEX			AFE #:		PB111108						
Sec/Twp/Rge:		47 / /			AFE Total:		\$3,180,740						
API #:		4247535473		Field:		R-WINK , S. (WOLFCA		This AFE Cost:		\$8,911,571			
Work Type:		Completion		County , St.:		WARD, TX		Tot Assoc AFE's:		\$8,911,571			
Operator:		gen Resources Corpor		Supervisor:		Boyd Holmes		Phone:					
Production Current/Expected		Oil:		0 / 0		Gas:		0 / 0		Water:		0 / 0	

Date :	4/11/2009	Days:	19	DC :	\$40,441	CCC:	\$220,771	CWC:	\$7,610,954
Activity:	Fishing			Rig Name:					
Daily Report Summary :		4/10/09- POH w/ overshot. No recovery. Marks on bottom of skirt indicates fish is laid over to one side. WO overshot and 7 1/16" 10K lub. . (3200 psi on casing) RIH w/ 5 3/4" overshot. Tagged at 10,704'. Attempt to engage fish. Worked for 2 hours with no success. POOH. No recovery. RD 7 1/16" 10K lub. WO Slickline. RU slickline. RIH w/ 2" impression block. Tagged fish at 10,707'. PU. Knocked down fish. Freed fish allowing fish to fall thru 4" liner. RIH t/ 10,780'. POOH. RD SL. RU CT BOP's. M/U GS spear, w/ knuckle joint. RIH at 0600 hrs. (Max casing pressure in last 24 hrs- 3300 psi w/ 3% oil cut in samples while flowing)							
Daily Report Detail:		4/10/09- POOH w/ overshot. No recovery. Marks on bottom of skirt indicates fish is laid over to one side resting on liner top. WO larger OD overshot and 7 1/16" 10K lub. M/U lub and 5 3/4" overshot on 1 3/4" CT. RIH w/ 5 3/4" overshot. Tagged at 10,704'. Attempt to engage fish. Worked w/ several different parameters to engage fish. Worked for 2 hours with no success. POOH. No recovery. Small marking on lip of overshot. RD 7 1/16" 10K lub. Stood back CT BOP's in stand. NU 7 1/16" 10K X 4 1/16" 15K flange on frac stack. WO Slickline. RU slickline. RIH w/ 2" impression block. Tagged fish at 10,707'. PU. Knocked down fish. Freed fish allowing fish to fall thru 4" liner. RIH t/ 10,780'. POOH. RD SL. RU CT BOP's and 4 1/16" lub. M/U GS spear, w/ knuckle joint. RIH at 0600 hrs.							
From 6:00 To 6:15	0.25 hrs	Category/Rmks:	FISHING : POOH. L/D overshot. Shows fish laid over.						
From 6:15 To 12:00	5.75 hrs	Category/Rmks:	FISHING : WO 4" overshot.						
From 12:00 To 14:30	2.5 hrs	Category/Rmks:	FISHING : M/U 20' of 7 1/16" 10K lub. M/U 5 3/4" OD overshot. Test lub to 4500 psi.						
From 14:30 To 16:00	1.5 hrs	Category/Rmks:	FISHING : RIH w/ 5 3/4" overshot. Tagged at 10,703'.						
From 16:00 To 18:00	2 hrs	Category/Rmks:	FISHING : Attempt to engage fish.						
From 18:00 To 19:30	1.5 hrs	Category/Rmks:	FISHING : POOH. No recovery.						
From 19:30 To 1:00	5.5 hrs	Category/Rmks:	FISHING : L/D 7 1/16" 10K lub. WO SL truck. RU for slickline unit.						
From 1:00 To 3:00	2 hrs	Category/Rmks:	FISHING : RIH w/ 2" impression block on SL. Tagged at 10,707'. Knocked down on fish to make mark on lead block. Knocked fish thru liner. RIH t/ 10, 780'. POOH w/ SL.						
From 3:00 To 6:00	3 hrs	Category/Rmks:	FISHING : NU BOP's & 4 1/16" lub. M/U GA spear. RIH w/ spear @ 0600 hrs.						
Date :	4/12/2009	Days:	20	DC :	\$92,091	CCC:	\$312,862	CWC:	\$7,703,045
Activity:	Flowing			Rig Name:					
Daily Report Summary :		4/11/09- RIH w/ GS spear. Tagged at 13,264'. Engaged fish. POOH. Full recovery. RIH w/ Washtool on 1 3/4" coil. Tagged at 13,278'. Washed & circulated for 2 1/2 hrs. RU Schlumberger. Pumped 2000 gals of 15% HCL down coil. Displaced w/ 55 bbls of 5% KCL. Tied in on annulus. Bullhead 65 bbls of 5% KCL down annulus. Max pressure- 4943 psi. Min- 3104 psi. Avg - 4500 psi at 6 BPM. SICP- 3869 mins- 3785 psi, 10 mins-3772 psi, 15 mins- 3734 psi. 30 mins- 4000 psi on casing. Opened well on a 11/64 choke- Start jetting w/ N2 at 1500 SCF/min. 3% oil after 45 mins of flowing - Good show of gas. Pulled up t/ 4000'. Stopped pumping N2. Opened choke to 16/64 choke. Rec 384 bbls of fluid. Flowing well at 0600 hrs.							
Daily Report Detail:		4/11/09- RIH w/ GS spear. Tagged at 13,264'. Washed for 30 mins. Engaged fish. POOH. Good show of drag thru liner. Full recovery. L/D fish and 4 1/16" lub. M/U washtool on 1 3/4" coil. RIH - Tagged at 13,278'. Washed & circulated for 2 1/2 hrs. RU Schlumberger. Tested lines to 7500 psi. Bullhead 65 bbls of 5% KCL down annulus. RD Schlumberger. POOH w/ coil. RD Bobcat CT unit.							
From 6:00 To 10:00	4 hrs	Category/Rmks:	FISHING : RIH w/ Spear. Tagged at 13,264'.						
From 10:00 To 11:00	1 hrs	Category/Rmks:	FISHING : Washed worked to engage fish at 13,264'.						
From 11:00 To 13:30	2.5 hrs	Category/Rmks:	FISHING : POOH w/ fish.						
From 13:30 To 14:30	1 hrs	Category/Rmks:	FISHING : L/D fish & tool. L/D 4 1/16" 10K lub. M/U washtool on 1 3/4" coil. NU.						
From 14:30 To 17:00	2 hrs	Category/Rmks:	ACIDIZE : RIH w/ washtool to acidize openhole. 13,270'-78'.						
From 17:00 To 18:00	1 hrs	Category/Rmks:	CIRC : Washed open hole. Circ.13270'-78'.						
From 18:00 To 20:30	2.5 hrs	Category/Rmks:	ACIDIZE : Pumped 47 bbls of 15% HCL acid . Displaced w/ 55 bbls of 5% KCL water. Tied in on annulus. Bullhead 65 bbls of water down annulus.						
From 20:30 To 1:00	4.5 hrs	Category/Rmks:	FLOW BACK : POOH. Jetting w/ N2. Riggged down BOBCAT CT unit.						
From 1:00 To 6:00	5.25 hrs	Category/Rmks:	FLOW BACK : Flowing well back.						

Well Name : UNIVERSITY 20 #4701						
Prospect:	EEX			AFE #:		PB111108
Sec/Twp/Rge:	47 / /			AFE Total:		\$3,180,740
API #:	4247535473	Field:	R-WINK , S. (WOLFCA	This AFE Cost:		\$8,911,571
Work Type:	Completion	County , St.:	WARD, TX	Tot Assoc AFE's:		\$8,911,571
Operator:	igen Resources Corpor	Supervisor:	Boyd Holmes	Phone:		
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0

Date :	4/13/2009	Days:	21	DC :	\$6,100	CCC:	\$318,962	CWC:	\$7,709,145
Activity:	WO Frac Date			Rig Name:					
Daily Report Summary :		4/12/09. 1300 psi on casing at 0600 hrs. Recovered additional 144 bbls of load. 1100 psi on casing at 12:00 noon. Avg 25-30 BPH of fluid. Show of gas & oil. Shut in WO on frac date.							
Daily Report Detail:		4/12/09. Shut in WO on frac date.							

Date :	4/14/2009	Days:	22	DC :	\$22,076	CCC:	\$341,038	CWC:	\$7,731,221
Activity:	WO Frac Date			Rig Name:					
Daily Report Summary :		4/13/09- 3300 psi on casing. RU SWL w/ 4 1/16" lub. RIH with 2.25 guns- Loaded with 6 SPF. RU Schlumberger pump on annulas. RIH w/ first gun run to 11,365'. Pumped down guns. Shot at 12,900'-14' (36 holes). Shot at 12,614' (12 holes). POOH w/ first set of guns. Shut in-. 4500 psi on casing . (charged up pressure) Changed out flow tubes on Schlumberger grease head. M/U 2nd gun run. M/U lub. RIH t/ 11,365'. Guns would not shoot. POOH w/ guns. Chg out top gun. RIH. Pump down guns. Perf with 6 JSPF from 12600'-12,611' (24 holes) PU to 12,300'. Perf with 6 JSPF from 12,300'-12314'. (36 holes) POOH w/ 2 nd run. SI. RD S WL. SIFN. Tuesday- Rig up frac equipment.							
Daily Report Detail:		4/13/09- 3300 psi on casing. Spot crane and equipment. RU Schlumberger WL. and 45' of STS's 4 1/16" 10K lub. Equilized pressure- RIH with 2.25 guns- Loaded with 6 SPF. RU Schlumberger pump on annulas. RIH w/ first gun run to 11,365'. Tested lines to 6000 psi. Pumped down guns to 12,900' at 5 BPM with 5350 psi on casing. Shot at 12,900'-14' (36 holes). Shot at 12,614' (12 holes). POOH w/ first set of guns. Shut in-. 4500 psi on casing . (charged up pressure) Bled down casing from 4500 psi to 3500 psi while changing out flow tubes on Schlumberger grease head. RU 2nd gun run. M/U lub. Equilized wellbore pressure. RIH t/ 11,365'. Pumped down guns to 12,600' at 5 BPM 5300 psi. Guns would not shoot. POOH w/ guns. (Top gun had ground) Replaced top gun. RIH t/ 11500'. Pumped down guns to 12600'. Perf with 6 JSPF from 12600'-12,611'. (24 holes) Pulled up to 12,300'. Perf with 6 JSPF from 12,300'-12314'. (36 holes) POOH w/ 2 nd run. SI. RD Schlumberger WL. Shut in for night. Tuesday- Rig up frac equipment.							

From 8:00 To 11:00	3 hrs	Category/Rmks:	PERF : RU Schlumberger WL w/ 45' of 4 1/16"10K lub.
From 11:00 To 15:00	4 hrs	Category/Rmks:	PERF : RIH w/ 2.25 guns. Pumped guns down. Perf at 12,900'.
From 15:00 To 17:00	2 hrs	Category/Rmks:	PERF : Make up 2 gun. Chg out flow hubes on grease head.
From 17:00 To 21:00	4 hrs	Category/Rmks:	PERF : RIH w/ gun #2. Pumped guns down to 12,600'. Misfire. No voltage. POOH w/ guns.
From 21:00 To 1:00	4 hrs	Category/Rmks:	PERF : Perf at 12,600', 12300'. RD SWL & acid pumps. SIFN.

Date :	4/15/2009	Days:	23	DC :	\$3,420	CCC:	\$344,458	CWC:	\$7,734,641
Activity:	Frac			Rig Name:					
Daily Report Summary :	4/14/409- Rigged up frac equipment. Wednesday-3 stage frac								
Daily Report Detail:	4/14/09- Rigged up frac equipment. Wednesday-3 stage frac								

Well Name : UNIVERSITY 20 #4701

Prospect:	EEX				AFE #:	PB111108
Sec/Twp/Rge:	47 / /				AFE Total:	\$3,180,740
API #:	4247535473	Field:	R-WINK , S. (WOLFCA		This AFE Cost:	\$8,911,571
Work Type:	Completion	County , St.:	WARD, TX		Tot Assoc AFE's:	\$8,911,571
Operator:	Gen Resources Corpor	Supervisor:	Boyd Holmes		Phone:	
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0

Date :	4/16/2009	Days:	24	DC :	\$3,970	CCC:	\$348,428	CWC:	\$7,738,611
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Activity:	Cleaning-Out	Rig Name:	
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Daily Report Summary :	4/15/09- PJSM. Tested lines to 10,000 psi. Frac toe from 13,270'-78' with the following: Pumped 12 stages. Prepad, Pad, .5 PPA, 1.0 PPA, 1.5 PPA, 2.0 PPA, 2.5 PPA, 3.0 PPA, 4. PPA, Spacer, Acid Spot, Flush..
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Avg treating pressure- 5272 psi, Max- treating pressure - 6450 psi, Min treating pressure-3827 psi, Avg rate- 24.6 BPM, Max- 25.2 BPM,
WO plug to set for 1 hr. Tested plug 4893 psi at 6.8 BPM. Plug did not hold. Overdisplaced w/ 150 bbls of water.

WO coil tubing unit to set composite plug. RU BOBCAT 1 3/4" CT unit. M/U BJ composite plug, jars, Baker setting tool. RIH w/ plug. Tagged below top set of perfs at 12,317'. Washed sand to 2 nd set of perfs at 12,617'. Tagged sand. Could not wash thru bridge. Pulled up in 7" casing w/ CP. Flowed back 45 bbls of fluid from well. RIH w/ plug. Tagged at 12,601'. Not able to wash thru obstruction. POOH w/ plug at 0600 hrs.

Daily Report Detail:	4/15/09- PJSM. Tested lines to 10,000 psi. Frac toe from 13,270'-78' with the following:
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Stg # Stg Name, Fluid Type, Prop Type, Blender (PPA), Stage Prop (lbs), Cum Prop-Vol gals, Vol bbls, Slurry Vol bbs, Slurry Rate,

1	Pre-pad, WF-					1000
122,						
23.8	23.8	25				
2	Pad					
YF122RGD						32000
761.9	785.7	25				
3	0.5 PPA	YF122RGD	18/40 Versaprop	0.5	2000	2000
4000	95.2	881	25			
4	1.0 PPA	YF122RGD	18/40 Versaprop	1.00	5000	7000
5000	119	1000	25			
5	1.5 PPA	YF122RGD	18/40 Versaprop	1.50	12000	19000
8000	190.5	1190.5	25			
6	2.0 PPA	YF122RGD	18/40 Versaprop	2.00	20000	390000
10000	238.1	1428.6	25			
7	2.5 PPA	YF122RGD	18/40 Versaprop	2.50	30000	690000
12000	285.7	1714.3	25			
8	3.0 PPA	YF122RGD	18/40 Versaprop	3.00	18960	87960
6320	150.5	1864.8	25			
9	4.0 PPA	WF122+ Fiber1	18/40 Versaprop	4.00	2000	89960
500	11.9	1876.7	25			
10	Spacer					
WF122						630
15	1891.7	25				
11	Acid Spot					
HCL						4500
107.1	1998.8	25				
12	Flush					
WF122						13251
315.5	2314.3	25				

Avg treating pressure- 5272 psi, Max- treating pressure - 6450 psi, Min treating pressure-3827 psi, Avg rate- 24.6 BPM, Max- 25.2 BPM,
ISIP- 4889 psi, 5 min-4807psi 10 mins- 4765 psi, 15 mins- 4738 psi.

WO plug to set for 1 hr. Tested plug 4893 psi at 6.8 BPM. Plug did not hold. Overdisplaced w/ 150 bbls of water.

WO coil tubing unit to set composite plug. RU BOBCAT 1 3/4" CT unit. M/U BJ composite plug, jars, Baker setting tool. RIH w/ plug. Tagged below top set of perfs at 12,317'. Washed sand to 2 nd set of

Well Name : UNIVERSITY 20 #4701

Prospect:	EEX				AFE #:	PB111108
Sec/Twp/Rge:	47 / /				AFE Total:	\$3,180,740
API #:	4247535473	Field:	R-WINK , S. (WOLFCA		This AFE Cost:	\$8,911,571
Work Type:	Completion	County , St.:	WARD, TX		Tot Assoc AFE's:	\$8,911,571
Operator:	igen Resources Corpor	Supervisor:	Boyd Holmes		Phone:	
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0

		perfs at 12,617'. Tagged sand. Could not wash thru bridge. Pulled up in 7" casing w/ CP. Flowed back 45 bbls of fluid from well. RIH w/ plug. Tagged at 12,601'. Not able to wash thru obstruction. POOH w/ plug at 0600 hrs.								
From 7:00 To 9:30	2.5 hrs	Category/Rmks:	Frac : Run test on water. Pre-job safety meeting.							
From 9:30 To 13:00	3.5 hrs	Category/Rmks:	Frac : Frac 1st stage. (12 stages)							
From 13:00 To 20:30	7.5 hrs	Category/Rmks:	: WO coil./RU Coil/ M/U plug.							
From 20:30 To 3:00	6.5 hrs	Category/Rmks:	: RU 1 3/4" CT. RIH w/ 4" Composite plug. Tagged at 12,316'. Washed to 12,617'. Not able to pass obstruction. Pulled up in 7" casing.Flowed back 45 bbls.RIH.Tagged at 12,601'.							
From 3:00 To	0 hrs	Category/Rmks:	: POOH w/ plug							
Date :	4/17/2009		Days:	25	DC :	\$56,795	CCC:	\$405,223	CWC:	\$7,795,406
Activity:	Frac			Rig Name:						
Daily Report Summary :										
Daily Report Detail:		4/16/09. 4500 psi on casing. POOH w/ plug. RIH w/ 3 1/4" mill and 2 1/8" motor. Tagged at 12,604'. Washed thru sand. Fell out at 12,330'. RIH. Taking weight at last set of perfs from 12,900'-14'. Fell thru. RIH t/ 13030'. (did not take weight from 12614'-13,030') Pulled up above perfs. Made additional run thru all perfs from 12,300'-13,000'. Did not tag. Pulled up to 7" casing. Circ for 4 hrs. Pumped several high vis sweeps. POOH w/ mill. L/D. M/U 4" composite plug. RIH to 12,522'. Washed small bridge to 12, 522'- 12,530'. Washed sand from 12, 860' to 12,850'.. Dropped ball. Set plug at 12,942'. Tagged OK. POOH w/ CT. Rigged dwon CT unit. SIFN. Friday- frac 2nd stage.								
From 6:00 To 6:30	0.5 hrs	Category/Rmks:	: POOH w/ plug.							
From 6:30 To 14:30	8 hrs	Category/Rmks:	: RIH w/ 3 1/4" mill, 2 1/8" motor. Tagged at 12,600'. Washed sand t/ 12330'. RIH. Tagged at 12,900'. Washed sand t/ 12914'. rIH t/ 13030'. Circ Pump sweep. Pulled in casing. RIH t/ 13030'. Pulled up in casing. Circ 4 hrs.							
From 14:30 To 18:00	3.5 hrs	Category/Rmks:	: RIH w/ 4" composite plug.							
From 18:00 To 20:30	2.5 hrs	Category/Rmks:	: Washed sand from 12,860' to 12,950'. Set plug at 12, 942'.							
From 20:30 To 1:00	4.5 hrs	Category/Rmks:	: POOH w/ CT. RD. SIFN.							
From 1:00 To 6:00	5 hrs	Category/Rmks:	: SIFN.							

Well Name : UNIVERSITY 20 #4701													
Prospect:		EEX			AFE #:		PB111108						
Sec/Twp/Rge:		47 / /			AFE Total:		\$3,180,740						
API #:		4247535473		Field:		R-WINK , S. (WOLFCA		This AFE Cost:		\$8,911,571			
Work Type:		Completion		County , St.:		WARD, TX		Tot Assoc AFE's:		\$8,911,571			
Operator:		gen Resources Corpor		Supervisor:		Boyd Holmes		Phone:					
Production Current/Expected		Oil:		0 / 0		Gas:		0 / 0		Water:		0 / 0	

Date :	4/18/2009	Days:	26	DC :	\$12,230	CCC:	\$417,453	CWC:	\$7,807,636
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Activity:	Clean out Drill out	Rig Name:	
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Daily Report Summary :	<p>4/17/09- 4250 psi on casing. PJSM. Tested lines to 10,000 psi. Frac 2nd stage from 12,300'-14', 12,600' -14', 12,900'-14' in 9 stages. Acid, Pad, .5 PPA, 1.0 PPA, 1.5 PPA, 2.0 PPA, 2.5 PPA, 3.0 PPA, 4.0 PPA, , Flush.</p> <p>Avg treating pressure- 6638 psi, Max- treating pressure - 8418 psi, Min treating pressure-0 psi, Avg rate- 56.6 BPM, Max- 60.3 BPM,</p> <p>ISIP- 5164 psi, 5 min-4793psi 10 mins- 4742 psi, 15 mins- 4687 psi</p> <p>RU SWL. M/U 4" BJ composite plug on 6- 2 1/4" OD guns loaded w/ 6 SPF. RIH t/ 11,550'. Pumped down guns. Guns were positioned at 11,880'. Observed guns taking weight. Stopped pump. Pulled up 11,790'. Had 6000 psi on casing. Casing pressure immediately dropped back to 4500 psi. Observed jar action on e-line cable. POOH slow. Observed collar locator not working. POOH. Had pulled out of rope socket. RD loggers. (Fish in hole- 57,20' 2.31 OD fishing neck Depth- 11,790'). Prepare for fishing operations on Saturday 0800 hrs.</p>
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Daily Report Detail:	4/17/09- 4250 psi on casing. PJSM. Tested lines to 10,000 psi. Frac 2nd stage from 12,300'-14', 12,600' -14', 12,900'-14' with the following:						
	Clean	Clean					
Stg #	Stg Name, Fluid Type,	Prop Type,	Blender (PPA),	Stage Prop (lbs),	Cum Prop,Vol gals,	Vol	
bbls,	Slurry Vol bbls,	Slurry Rate,					
1	Acid						
HCL						2000	
84			20				
2	Pad						
YF122RGD						90000	
2142.9	2142.9	60					
3	0.5 PPA	YF122RGD	18/40 Versaprop	0.5	6000	6000	
12000	285.7	291.1	60				
4	1.0 PPA	YF122RGD	18/40 Versaprop	1.00	15000	21000	
15000	357.1	370.5	60				
5	1.5 PPA	YF122RGD	18/40 Versaprop	1.50	33000	54000	
22000	523.8	553.3	60				
6	2.0 PPA	YF122RGD	18/40 Versaprop	2.00	48000	102000	
24000	571.4	614.3	60				
7	2.5 PPA	YF122RGD	18/40 Versaprop	2.50	75000	177000	
30000	714.3	781.2	60				
8	3.0 PPA	YF122RGD	18/40 Versaprop	3.00	63000	240000	
21000	500	556.2	60				
9	Flush						
WF122							
420	280.6	60					
Avg treating pressure- 6638 psi, Max- treating pressure - 8418 psi, Min treating pressure-0 psi, Avg rate- 56.6 BPM, Max- 60.3 BPM, ISIP- 5164 psi, 5 min-4793psi 10 mins- 4742 psi, 15 mins- 4687 psi							
RU Schlumberger WL. M/U 4" BJ composite plug on 6- 2 1/4" OD guns loaded w/ 6 SPF. RIH t/ 11,550'. Pumped down guns from min rate of 1 BPM to max rate at 5 BPM. Guns were positioned at 11,880'. Observed guns taking weight. Stopped pump. Pulled up 11,790'. Had 6000 psi on casing. Casing pressure immediately dropped back to 4500 psi. Observed jump on e-line cable. POOH slow. Observed collar locator not working. POOH. Had pulled out of rope socket. RD loggers. (Fish in hole- 57,20' 2.31 OD fishing neck-Depth- 11,790'). RU BOBCAT 1 3/4" CT unit for praperation to fish tools on Saturday 0800 hrs.							

From 7:00 To 8:30	1.5 hrs	Category/Rmks:	: PJSM. Preare to frac stage #2.
From 8:30 To 10:30	2 hrs	Category/Rmks:	: Frac 2 stage . 10 stages.
From 10:30 To 16:00	5.5 hrs	Category/Rmks:	: M/U plug/ guns. RIH w/ guns. Pumped down hole. Lost gun at 11,790'. RD loggers.

Well Name : UNIVERSITY 20 #4701													
Prospect:		EEX			AFE #:		PB111108						
Sec/Twp/Rge:		47 / /			AFE Total:		\$3,180,740						
API #:		4247535473		Field:		R-WINK , S. (WOLFCA		This AFE Cost:		\$8,911,571			
Work Type:		Completion		County , St.:		WARD, TX		Tot Assoc AFE's:		\$8,911,571			
Operator:		gen Resources Corpor		Supervisor:		Boyd Holmes		Phone:					
Production Current/Expected		Oil:		0 / 0		Gas:		0 / 0		Water:		0 / 0	

From 16:00 To 17:00	1 hrs	Category/Rmks:	: RD loggers. Moved out equipment. Preapre to fish tools.								
From 17:00 To 18:30	1.5 hrs	Category/Rmks:	: Flowed well. Did not bleed down Plug not set.								
From 18:30 To 20:00	1.5 hrs	Category/Rmks:	: RU extra hydraulic hoses for to prepare for extra long lubricator.								
Date :	4/19/2009		Days:	27		DC :	\$56,121	CCC:	\$473,574	CWC:	\$7,863,757

Activity:	Perforate	Rig Name:	
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Daily Report Summary :	4100 psi on casing. M/U 90' lubricator. M/U 3 1/8" OD overshot w/ 2.31 grapple on 1 3/4" coil. Tested lub.. RIH. Tagged liner top at 10,716'. Not able to pass thru. POOH w/ 3 1/8" overshot. L/D 3 1/8" overshot. PU 2 7/8" OD overshot w/ Yankee screw driver. RIH. Tagged liner top at 10,716'. Made several attempts before falling passing liner top OK. RI t/ 11,790'. Pushed fish to 12,302'. Engaged fish. POOH with fish. Full recovery. L/D guns & 60' of lub. PU 4" BJ composite plug on 1 3/4" coil. RIH t/ 12.070'. Pulled up to 12,050'. Set plug. POOH at 0600 hrs. Bled pressure to 0 psi on casing. Sunday-perf
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Daily Report Detail:	4/18/09- 4100 psi on casing. Positioned 400 Ton crane. M/U 90' lubricator. Test 1 3/4" coil on suface to remove air from new hydraulic lines. M/U 3 1/8" OD overshot w/ 2.31 grapple, circulation Sub, disconnect, Bowen jars, weight bar ,Bowen Acc Sub, dual BPV on 1 3/4" coil. Tested lub to 4500 psi. RIH. Tagged liner top at 10,716'. Not able to pass thru. POOH w/ 3 1/8" overshot. L/D 3 1/8" overshot. PU 2 7/8" OD overshot w/ Yankee screw driver. RIH. Tagged liner top at 10,716'. Made several attempts before falling passing liner top OK. RIH t/ 11,790'. Pushed fish to 12,302'. (top perfs). Engaged fish. POOH with fish. Full recovery. L/D guns & 60' of lub. PU 4" BJ composite plug on 1 3/4" coil. RIH t/ 12.070'. Pulled up to 12,050'. Dropped ball. Set plug. Tagged OK.Pressure up to 7500#-OK, POOH at 0600 hrs. Bled pressure to 0 psi on casing. Sunday-perf
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From 7:30 To 11:00	3.5 hrs	Category/Rmks:	FISHING : Fill hydraulic hoses with oil on BOBCAT's Hose package due to new. Trouble shoot stripper.		
From 11:00 To 14:30	3.5 hrs	Category/Rmks:	FISHING : M/U 90' of 4 1/16" 15K lub.M/U fishing tools on 1 3/4" CT.Tested to 4500 psi.		
From 14:30 To 16:30	2 hrs	Category/Rmks:	FISHING : RIH w/ overshot.Tagged liner top at 10,716'. Could not work overshot passed liner top.		
From 16:30 To 18:30	2 hrs	Category/Rmks:	FISHING : POOH to change out overshot f/ 3 1/8" OD t/ 2 7/8" OD		
From 18:30 To 21:30	3 hrs	Category/Rmks:	FISHING : RIH w/ 2 7/8" overshot. Worked passed liner top. Pushed fish to 12,303'. Engaged fish.		
From 21:30 To 23:30	2 hrs	Category/Rmks:	FISHING : POOH w/ fish.		
From 23:30 To 1:00	1.5 hrs	Category/Rmks:	FISHING : L/D guns.L/D 60' of lub.		
From 1:00 To 5:00	4 hrs	Category/Rmks:	: M/U 4" composite plug.RIH on 1 3/4" CT. Set plug at 12,050'.		
From 5:00 To 6:00	1 hrs	Category/Rmks:	: POOH w/ setting tool.		

Date :	4/20/2009	Days:	28	DC:	\$67,520	CCC:	\$541,094	CWC:	\$7,931,277
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Activity:	Frac	Rig Name:	
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Daily Report Summary :	POOH w/ setting tool. Cut off 400' of coil due to pin hole. M/U guns. RIH w/ 2- 6' guns. Perf at 11,992'-98' w/ 6 SPF. Perf at 11,676-72' at 6 SPF. POOH. SIFN. Monday-frac final stage./Drill out plugs.
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Daily Report Detail:	4/19/09- 0 psi on casing. Finished pulling out of hole with setting tool. M/U 2- 6" x 3/4" OD TCP guns loaded 6 SPF (.30). Observed small pin hole in coil. L/D tools. Cut 500' of 1 3/4" coil. M/U guns. RIH w/ 2 3/4" guns. Postioned bottom gun at 11,992-11,998'. (36 holes) Pressured up on annulas to 2300 psi.Perforated at 6 SPF. Gun fired. Casing pressure built to 3800 psi. Pulled up to 11,676'-82'. Pressured up on coil to 7750 psi. Fired 2nd gun. (6SPF) 36 holes. 4100 psi on casing. POOH w/ guns. L/D spent guns. Rigged down 40' of lub and BOP's. Rigged down crane. SIFN. Monday- Frac/Drill out plugs.
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From 6:00 To 6:30	0.5 hrs	Category/Rmks:	: POOH w/ setting tool.		
From 6:30 To 8:30	2 hrs	Category/Rmks:	: L/D setting tool. M/U 2- 6" TCP guns.		
From 8:30 To 10:00	1.5 hrs	Category/Rmks:	: Cut off 500' 1 3/4" coil due to pin hole. M/U guns.		
From 10:00 To	0 hrs	Category/Rmks:	: RIH w/ TCP guns.		

Well Name : UNIVERSITY 20 #4701										
Prospect:		EEX			AFE #:		PB111108			
Sec/Twp/Rge:		47 / /			AFE Total:		\$3,180,740			
API #:		4247535473	Field:		R-WINK , S. (WOLFCA		This AFE Cost:		\$8,911,571	
Work Type:		Completion	County , St.:		WARD, TX		Tot Assoc AFE's:		\$8,911,571	
Operator:		gen Resources Corpor	Supervisor:		Boyd Holmes		Phone:			
Production Current/Expected		Oil:	0 / 0		Gas:	0 / 0		Water:	0 / 0	

Date :	4/21/2009	Days:	29	DC :	\$544,895	CCC:	\$1,085,989	CWC:	\$8,476,172
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Activity:	CLEAN OUT	Rig Name:	
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Daily Report Summary :	4/20/09- 4250 psi on casing. PJSM. Tested lines to 10,000 psi. Frac 3 rd stage from 11,996'-12,002', 11676'-11,682 in 10 stages. Acid, Pre pad , Acid, Spacer. Pad, .5 PPA, 1.0 PPA, 1.5 PPA, 2.0 PPA, 2.5 PPA, 3.0 PPA, Flush to top perf. Broke down perfs: 5301 psi. Avg treating pressure- 5776 psi, Max- treating pressure - 7603 psi, Min treating pressure-0 psi, Avg rate- 49.7 BPM, Max- 53.1BPM, ISIP- 4871 psi, 5 min-4733 psi 10 mins- 4655psi, 15 mins- 4587 psi RU Bobcat 1 3/4" CT unit. M/U 3 1/4" mill, 2 1/8" motor on 1 3/4" Coil. Tuesday- Cleanout sand and plugs.
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Daily Report Detail:	4/20/09- 4250 psi on casing. PJSM. Tested lines to 10,000 psi. Frac 3 rd stage from 11,996'-12,002', 11,676'-11,682' with the following:						
	Clean	Clean					
Stg #	Stg Name, Fluid Type,	Prop Type,	Blender (PPA),	Stage Prop (lbs),	Cum Prop, Vol gals,	Vol	
bbls, Slurry Vol bbls,	Slurry Rate,						
1	Pre- WF-						
122					1000		
23.8	23.8	20					
2	Acid						
HCL					2000		
47.6	47.6	20					
3	Spacer WF-						
122					2000		
2142.9	47.6	50					
4	Pad						
YF122RGD					60000		
2142.9	1428.6	50					
5	0.5 PPA YF122RGD	18/40 Versaprop	0.5	3500	3500		
7000	285.7	169.8	50				
6	1.0 PPA YF122RGD	18/40 Versaprop	1.00	10000	13500		
10000	357.1	247	50				
7	1.5 PPA YF122RGD	18/40 Versaprop	1.50	22500	68000		
15000	523.8	377.2	50				
8	2.0 PPA YF122RGD	18/40 Versaprop	2.00	32000	118000		
16000	571.4	409.5	50				
9	2.5 PPA YF122RGD	18/40 Versaprop	2.50	50000	160000		
20000	781.2	520.8	50				
10	3.0 PPA YF122RGD	18/40 Versaprop	3.00	42000	240000		
14000	500	370.8	50				
11	Flush						
WF122					7651		
420	280.6	50					
Broke down perfs: 5301 psi. Avg treating pressure- 5776 psi, Max- treating pressure - 7603 psi, Min treating pressure-0 psi, Avg rate- 49.7 BPM, Max- 53.1BPM, ISIP- 4871 psi, 5 mins-4733 psi ,10 mins- 4655 psi, 15 mins- 4587 psi RU Bobcat 1 3/4" CT unit. M/U 3 1/4" mill, 2 1/8" motor on 1 3/4" Coil. Tuesday- Cleanout sand and plugs.							

From 7:30 To 10:30	3 hrs	Category/Rmks:	Frac : Frac 3 rd stage in 11 stages.
From 10:30 To 15:00	4.5 hrs	Category/Rmks:	: RD Schlumberger frac equipment. Prepare equipment for clean out. SIFN.

Well Name : UNIVERSITY 20 #4701													
Prospect:		EEX			AFE #:		PB111108						
Sec/Twp/Rge:		47 / /			AFE Total:		\$3,180,740						
API #:		4247535473		Field:		R-WINK , S. (WOLFCA		This AFE Cost:		\$8,911,571			
Work Type:		Completion		County , St.:		WARD, TX		Tot Assoc AFE's:		\$8,911,571			
Operator:		gen Resources Corpor		Supervisor:		Boyd Holmes		Phone:					
Production Current/Expected		Oil:		0 / 0		Gas:		0 / 0		Water:		0 / 0	

Date :	4/22/2009	Days:	30	DC :	\$33,650	CCC:	\$1,119,639	CWC:	\$8,509,822
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Activity:	Drill-Out Plugs	Rig Name:	
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Daily Report Summary :	4/21/09- 3800 psi. RIH w/ 3 1/4" mill on 1 3/4" CT. Tagged plug at 12,046'. Drill plug . Drilled on plug and sand for 3 hours to 12,615'. Wiper trip up to liner top. Connected return line to sand separator. RIH. Drilled on plug at 12, 015'. Drilled on plug. Trace of oil. Good show of gas. Drilled plug and washed sand to 2 nd plug at 12,942'. Drilled on plug # 2 . Stalling out. PU up to 12,923'. Drilled for 4 hrs in attempt to drill passed 12,923'. POOH to inspect mill and motor. Changed out mill and motor. Cut off 60' of coil . RIH w/ new BHA. Tagged top of plug at 12,935'. (coil depth) Milled on plug from 0400 hrs to 0600 hrs. Milling plug at 0600 hrs.
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Daily Report Detail:	4/21/09- 3800 psi. Tested lubricator to 4500 psi. RIH w/ 3 1/4" mill on 1 3/4" CT. Tagged plug at 12,046'. Drill plug # 1 in 16 mins. Pushed plug to 12,610'. Drilled on plug and sand for 3 hours to 12,615'. Made wiper trip up to liner top. Connected return line to sand separator. RIH. Drilled on plug at 12, 015'. Drilled on plug. Pumping 1.5 BPM down coil. Flowing back 3-4 BPM. Trace of oil. Good show of gas. Drilled plug and washed sand to 2 nd plug at 12,942'. Drilled on plug # 2 . Stalled out. Picked up to 12,923'. Drilled for 4 hrs in attempt to drill passed 12,923'. POOH to inspect mill and motor. Changed out mill and motor. Cut off 60' of coil due to max cycles. RIH w/ new BHA. Tagged top of plug at 12,935'. (coil depth) Milled on plug from 0400 hrs to 0600 hrs. Milling plug #2 at 0600 hrs. (No sand in returns at 0600 hrs) Trace to 3% oil cut. Recovered- 1650 bbls of 14,822 bbls of load. (Flowing back 4 BPM on a 14/64 choke w/ 3100 psi on casing)
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From 7:00 To 7:45	0.75 hrs	Category/Rmks:	Clean Out : PJSM. Tested to 4500 psi.
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From 7:45 To 22:30	4.75 hrs	Category/Rmks:	Clean Out : RIH w/ 3 1/4" mill. Tagged plug # 1 at 12,046'. Drilled & washed sand to 12,923'. Stopped drilling.
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From 22:30 To 0:30	2 hrs	Category/Rmks:	Clean Out : POOH to inspect mill & motor.
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From 0:30 To 2:00	1.5 hrs	Category/Rmks:	Clean Out : Cut 60' of coil. Chg out motor & mill.
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From 2:00 To 4:00	2 hrs	Category/Rmks:	Clean Out : RIH w/ new BHA.
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From 4:00 To 6:00	2 hrs	Category/Rmks:	Clean Out : Drilled on plug # 2 at 12,940'.
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Date :	4/23/2009	Days:	31	DC :	\$105,890	CCC:	\$1,225,529	CWC:	\$8,615,712
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Activity:	Flowback Frac	Rig Name:	
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Daily Report Summary :	4/22/09. Milled on plug # 2 at 12,935' . Motor continue to stall . (Max out on cycles on coil) POOH.. Mill badly wore. Cut 120' off coil. M/U 2.761 OD bladed mill. RIH. Tagged at 12,946'. Milled on plug # 2. Pushed plug to end of toe at 13,278'. Pump high vis sweep. POOH w/ mill. Flowed well while pulling mill. Rigged down and release BOBCAT. Flowed well on a 18/64 choke. From 2100 hrs to 0600 hrs. 2700 psi on casing. Recovered 805 bbls of fluid. Avg- 89 BPH. 40% oil cut at 0600 hrs. Good show of gas.
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Daily Report Detail:	4/22/09. Milled on plug # 2 at 12,935' . (2 hours). Motor continue to stall after setting down weight. (Max out on cycles on coil) POOH to change out mill to smaller. Mill badly wore. Cut 120' off coil. M/U 2.761" OD bladed mill. RIH. Tagged at 12,946'. Milled on plug # 2. After 1 1/2 hours pushed plug to end of toe. (13,278' TD) Pump high vis sweep. POOH w/ mill. Flowed well while pulling mill. Rigged down and release BOBCAT. Flowed well on a 18/64 choke. From 2100 hrs to 0600 hrs. 2700 psi on casing. Recovered 805 bbls of fluid. Avg- 89 BPH. 40% oil cut at 0600 hrs. Good show of gas. 2455 bbls of 14,822 bbls of load recovered Flowing well at 0600 hrs.
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From 6:00 To 8:00	2 hrs	Category/Rmks:	Clean Out : Milled on plug # 2. No success in drilling.
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From 8:00 To 10:30	2.5 hrs	Category/Rmks:	Clean Out : POOH w/ mill. Mill badly wore.
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From 10:30 To 12:00	1.5 hrs	Category/Rmks:	Clean Out : Change out mill. Cut 120' of coil. Chg out connector.
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From 12:00 To 14:15	2.25 hrs	Category/Rmks:	Clean Out : RIH w/ 2.716 OD mill.
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From 14:15 To 17:00	2.75 hrs	Category/Rmks:	Clean Out : Milled on plug # 2 from 12,946'. Pushed plug to 13,276'. TD.
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From 17:00 To 18:30	1.5 hrs	Category/Rmks:	CIRC : Pump high vis sweep.
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From 18:30 To 20:30	2 hrs	Category/Rmks:	Clean Out : POOH w/ mill .
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From 20:30 To 21:00	0.5 hrs	Category/Rmks:	RD MO RIG : SI. Jet coil dry w/ N2. RD coil unit & equipment.
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From 21:00 To 6:00	8 hrs	Category/Rmks:	FLOW BACK : Flow back frac 18/64 choke.
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Well Name : UNIVERSITY 20 #4701											
Prospect:		EEX				AFE #:		PB111108			
Sec/Twp/Rge:		47 / /				AFE Total:		\$3,180,740			
API #:		4247535473		Field:		R-WINK , S. (WOLFCA		This AFE Cost:		\$8,911,571	
Work Type:		Completion		County , St.:		WARD, TX		Tot Assoc AFE's:		\$8,911,571	
Operator:		ngen Resources Corpor		Supervisor:		Boyd Holmes		Phone:			
Production Current/Expected		Oil:		0 / 0		Gas:		0 / 0		Water:	0 / 0

Date :	4/24/2009	Days:	32	DC :	\$3,900	CCC:	\$1,229,429	CWC:	\$8,619,612
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Activity:	Flowback Frac	Rig Name:	
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Daily Report Summary :	<p>24 hrs- Flowed well on a 18/54 choke- 2100 psi on casing at 0600 hrs. Fluid rate avg 55 BPH 0600 hrs (80-90% oil cut at 0600 hrs)</p> <p>Recovered 1655 bbls of total fluid in 24 hrs.(no sand)</p> <p>Total of 428 bbls of oil recovered in 24 hrs.</p> <p>A total of 928 bbls of oil has been transferred to stock tanks including the initial oil flowed before frac.</p> <p>4070 bbls of the 14,822 bbls of load recovered. (water only)</p> <p>Plains has hauled 2-loads out-</p> <p>183 bbls 1st load.</p> <p>186 bbls 2nd load.</p>
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Daily Report Detail:	<p>24 hrs- Flowed well on a 18/54 choke- 2100 psi on casing at 0600 hrs. Fluid rate avg 55 BPH 0600 hrs (80-90% oil cut)</p> <p>Recovered 1655 bbls of total fluid in 24 hrs. (no sand)</p> <p>Total of 428 bbls of oil recovered in 24 hrs.</p> <p>A total of 928 bbls of oil has been transferred to stock tanks including the initial oil flowed before frac.</p> <p>4070 bbls of the 14,822 bbls of load recovered. (water only)</p> <p>Plains has hauled 2-loads out-</p> <p>183 bbls 1st load.</p> <p>186 bbls 2nd load.</p>
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Date :	4/25/2009	Days:	33	DC :	\$3,900	CCC:	\$1,233,329	CWC:	\$8,623,512
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Activity:	Flowback Frac	Rig Name:	
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Daily Report Summary :	<p>Sat AM. 24 hrs- Flowed well on a 18/54 choke- 1800 psi on casing at 0600 hrs. Fluid rate avg 40 BPH 0600 hrs (70% oil cut)</p> <p>Recovered 1093 bbls of total fluid in 24 hrs. (No sand)</p> <p>Total of 473 bbls of oil recovered in 24 hrs.</p> <p>4690 bbls of the 14,822 bbls of load recovered. (water only)</p> <p>Plains has hauled 2-loads out last 24 hrs.</p> <p>181.5 bbls 1st load.</p> <p>181 bbls 2nd load.</p>
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Daily Report Detail:	<p>Sat AM. 24 hrs- Flowed well on a 18/54 choke- 1800 psi on casing at 0600 hrs. Fluid rate avg 40 BPH 0600 hrs (70% oil cut)</p> <p>Recovered 1093 bbls of total fluid in 24 hrs. (No sand)</p> <p>Total of 473 bbls of oil recovered in 24 hrs.</p> <p>4690 bbls of the 14,822 bbls of load recovered. (water only)</p> <p>Plains has hauled 2-loads out last 24 hrs.</p> <p>181.5 bbls 1st load.</p> <p>181 bbls 2nd load.</p>
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Well Name : UNIVERSITY 20 #4701									
Prospect:		EEX			AFE #:		PB111108		
Sec/Twp/Rge:		47 / /			AFE Total:		\$3,180,740		
API #:		4247535473	Field:		R-WINK , S. (WOLFCA		This AFE Cost:	\$8,911,571	
Work Type:		Completion	County , St.:		WARD, TX		Tot Assoc AFE's:	\$8,911,571	
Operator:		gen Resources Corpor		Supervisor:		Boyd Holmes		Phone:	
Production Current/Expected		Oil:	0 / 0		Gas:	0 / 0		Water:	0 / 0

Date :	4/26/2009	Days:	34	DC :	\$3,900	CCC:	\$1,237,229	CWC:	\$8,627,412
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Activity:	Flowback Frac	Rig Name:	
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Daily Report Summary :	<p>Sun AM. 24 hrs- Flowed well on a 18/54 choke- 1650psi on casing at 0600 hrs. Fluid rate avg 20 BPH 0600 hrs (70% oil cut) Recovered 926 bbls of total fluid in 24 hrs. (No sand) Total of 566 bbls of oil recovered in 24 hrs.</p> <p>5050 bbls of the 14,822 bbls of load recovered. (water only) Plains has hauled 1-load out last 24 hrs. 185 bbl load.</p>
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Daily Report Detail:	<p>Sun AM. 24 hrs- Flowed well on a 18/54 choke- 1650psi on casing at 0600 hrs. Fluid rate avg 20 BPH 0600 hrs (70% oil cut) Recovered 926 bbls of total fluid in 24 hrs. (No sand) Total of 566 bbls of oil recovered in 24 hrs.</p> <p>5050 bbls of the 14,822 bbls of load recovered. (water only) Plains has hauled 1-load out last 24 hrs. 185 bbl load.</p>
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Date :	4/27/2009	Days:	35	DC :	\$3,900	CCC:	\$1,241,129	CWC:	\$8,631,312
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Activity:	Flowback Frac	Rig Name:	
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Daily Report Summary :	<p>Monday AM. 24 hrs- Flowed well on a 18/54 choke- 1500 psi on casing at 0600 hrs. Fluid rate avg15 BPH 0600 hrs (70% oil cut) 10% oil water mixed- hard to separate. Recovered 240 bbls of water in 24 hrs. (No sand) Total of 368 bbls of oil recovered in 24 hrs.</p> <p>5290 bbls of the 14,822 bbls of load recovered. (water only) Plains has hauled 4-loads out last 24 hrs. 914 bbls of oil.</p> <p>Monday-Shut in well at 1000 hrs. Clean test tank/move test tanks to set anchors. Tuesday- Lub packer in hole/NU BOP's/Prepare to run tubing.</p>
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Daily Report Detail:	<p>Monday AM. 24 hrs- Flowed well on a 18/54 choke- 1500 psi on casing at 0600 hrs. Fluid rate avg15 BPH 0600 hrs (70% oil cut) 10% oil water mixed- hard to separate. Recovered 240 bbls of water in 24 hrs. (No sand) Total of 368 bbls of oil recovered in 24 hrs.</p> <p>5290 bbls of the 14,822 bbls of load recovered. (water only) Plains has hauled 4-loads out last 24 hrs. 914 bbls of oil.</p> <p>Monday-Shut in well at 1000 hrs. Clean test tank/move test tanks to set anchors. Tuesday- Lub packer in hole/NU BOP's/Prepare to run tubing.</p>
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Date :	4/28/2009	Days:	36	DC :	\$5,700	CCC:	\$1,246,829	CWC:	\$8,637,012
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Activity:	RIH w/ Packer	Rig Name:	
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Daily Report Summary :	<p>Tuesday AM report. 1450 psi on casing. SI at 0830 hrs 4/27/09 2500 psi on casing 6 1/2 hrs after SI.Had to clean out sand from test tank for movement of tank . Set and tested anchors. Attempt to flow thru battery. Repaired leaks. Bled down head to test tank due to pop-off at end of gas going off. Flowed well to test tank from 1400 hrs on a 18/64 choke overnight. Transferred 421 bbls of oil to tank battery. Avg 14 BPH of fluid. Having problems seperating oil and water. Taking several hours. No oil sold last 24 hrs. Tuesday- SI at 0800 hrs. Lub packer this morning/ND frac stack/NU BOP's.</p>
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Daily Report Detail:	<p>Tuesday AM report. 1450 psi on casing. SI at 0830 hrs 4/27/09 2500 psi on casing 6 1/2 hrs after SI.Had to clean out sand from test tank for movement of tank . Set and tested anchors. Attempt to flow thru battery. Repaired leaks. Bled down head to test tank due to pop-off at end of gas going off. Flowed well to test tank from 1400 hrs on a 18/64 choke overnight. Transferred 421 bbls of oil to tank battery. Avg 14 BPH of fluid. Having problems seperating oil and water. Taking several hours. No oil sold last 24 hrs. Tuesday- SI at 0800 hrs. Lub packer this morning/ND frac stack/NU BOP's.</p>
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Well Name : UNIVERSITY 20 #4701													
Prospect:		EEX			AFE #:		PB111108						
Sec/Twp/Rge:		47 / /			AFE Total:		\$3,180,740						
API #:		4247535473		Field:		R-WINK , S. (WOLFCA		This AFE Cost:		\$8,911,571			
Work Type:		Completion		County , St.:		WARD, TX		Tot Assoc AFE's:		\$8,911,571			
Operator:		igen Resources Corpor		Supervisor:		Boyd Holmes		Phone:					
Production Current/Expected		Oil:		0 / 0		Gas:		0 / 0		Water:		0 / 0	

Date :	4/29/2009	Days:	37	DC :	\$34,678	CCC:	\$1,281,507	CWC:	\$8,671,690
Activity:	RUN PROD TBG			Rig Name:					
Daily Report Summary :		4/28/09- 1450 psi on casing. SI at 0730 hrs. RU Schlumberger WL.. M/U 5.9" OD guage ring. RIH w/ gauge ring to 10,700'. POOH with gauge ring. M/U 7" Arrow -set 1-X packer. RIH. Set middle of packer at 10,645'. POOH . Bled off casing pressure. RD Schlumberger wL. Left casing bleeding off during night. Set catwalk and racks. Received 339 jts of 2 7/8", L-80 tubing.Shut down for night. Wednesday. ND frac stack/NU BOP. RIH w/ 2 7/8" production tbq.							
Daily Report Detail:		4/28/09- 1450 psi on casing. SI at 0730 hrs. RU WL BOP 7 1/16" 10K lub equipment and Schlumberger WL.. M/U 5.9" OD guage ring. Tested equipment to 4000 psi. RIH w/ gauge ring to 10,700'. POOH with gauge ring. M/U 7" Arrow -set 1-X packer. RIH. Set middle of packer at 10,645'. POOH with setting tool.(2400 psi on casing) Bled off casing pressure. RD Schlumberger wL. Left casing bleeding off during night. Set catwalk and racks. Received 339 jts of 2 7/8", L-80 tubing.Shut down for night. Wednesday. ND frac stack/NU BOP. RIH w/ 2 7/8" production tbq. Plains pick up 2-loads of oil- 370 bbls.							
From 8:00 To 10:00	2 hrs	Category/Rmks:	: RU Schlumberger WL w/ 7 1/16" 10K lub. M/U gauge ring. Teste lub t/ 3500 psi						
From 10:00 To 12:00	2 hrs	Category/Rmks:	: RIH w/ 5.90" OD gauge ring to 10,690'. POOH w/ GR.						
From 12:00 To 14:15	2.25 hrs	Category/Rmks:	: M/U 7" BJ-Arrow -set 1-X packer w/ 2.31 XN plug in place. Set packer at 10,635'. POOH. RD WL w/ lub.						
From 14:15 To 18:00	3.75 hrs	Category/Rmks:	: Set in pipe rack/Set in tbq while bleeding off casing pressure. Shut down night.						

Date :	4/30/2009	Days:	38	DC :	\$16,584	CCC:	\$1,298,091	CWC:	\$8,688,274
Activity:	Circulate Packer Fluid & Test			Rig Name:					
Daily Report Summary :		4/29/09- ND frac stack. NU BOP. MIRU pulling unit. Tallied 2 7/8" tubing. RIH w/ On/Off tool on 334 joints of 2 7/8", L-80, 6.5# tubing. Latched packer at 10,633'. Spaced out. Added 22' of subs. Released off packer. SIFN.Thursday-Circ packer fluid/Tree up/Pull plug/Flow well.							
Daily Report Detail:		4/29/09- ND 7 1/16" 10K frac stack. NU 7 1/16" 5K BOP. RU Big Lake Service Rig #14.. Tallied 2 7/8" tubing. RIH w/ On/Off tool on 334 joints of 2 7/8", L-80, 6.5# tubing. Latched on packer at 10,633'. Spaced out. Added 22' of subs. Released off packer. SIFN.Thursday-Circ packer fluid/Tree up/Pull plug/Flow well.							
From 7:00 To 9:30	2.5 hrs	Category/Rmks:	: ND 7 1/16" 10K frac stack. NU 7 1/16" 5K BOP.						
From 9:30 To 18:00	8.5 hrs	Category/Rmks:	: RIH w/ 334 jts of 2 7/8" tbg. Latched on packer. Spaced out. SIFN.						

Date :	5/1/2009	Days:	39	DC :	\$181,133	CCC:	\$1,479,224	CWC:	\$8,869,407
Activity:	Flowing			Rig Name:					
Daily Report Summary :		4/30/09- 5/1/09 Circulate packer .M/U extented neck tubing hanger. Hung off tubing in 7 1/16" 10K tubing head. Locked in place. Tested . RU SL. RIH w/ overshot. Fished prong at 10, 642'. (1500 psi on tbg.) RIH w/ overshot. Fished 2.31" XN plug at 10,642'. Bottom of packer at 10,642', Top of packer at 10,633'. RU Tree to flow. RD & released pulling unit. Opened well on a 14/64 choke at 1445 hrs thru production battery . Due to high gas volume at gas meter dropped choke size to 10/64" choke at 1630 hrs. Well contuines to flow thru battery at 0500 hrs. 2600 psi on tubing. Gas-700M, Recovered 66 bbls of oil. Oil rate and water rate was difficult to record due to having to fill gun barrel and water tank with fluid. Should have a more accurate volume this AM.							
Daily Report Detail:		4/30/09- RU circulate packer fluid-containing 165 gals of Baker- CRW- 37. Circulated to surface. M/U extented neck tubing hanger. Hung off tubing in 7 1/16" 10K tubing head. Locked in place. 10K tension on tubing. Tested annulas to 3000 psi. RU Arc Pressure Data. RIH w/ overshot. Fished prong at 10, 642'. (1500 psi on tbg.) RIH w/ overshot. Fished 2.31" XN plug at 10,642'. Bottom of packer at 10,642', Top of packer at 10,633'. RU Tree to flow. RD & released pulling unit. Opened well on a 14/64 choke at 1445 hrs. Due to high gas volume dropped choke size to 10/64" choke at 1630 hrs.Well contuines to flow thru battery at 0600 hrs. 2600 psi on tubing. Gas-700M, Recovered 66 bbls of oil. Oil rate and water rate was difficult to record due to having to fill gun barrel and water tank with fluid. Should have a more accurate volume this AM. Flowing well at 0600 hrs- 5/1/09							
From 7:00 To 9:30	2.5 hrs	Category/Rmks:	CIRC : Circ 450 bbls of packer fluid.						
From 9:30 To 12:15	2.75 hrs	Category/Rmks:	: M/U hanger. Hung off tbg. ND BOP. NU Tree.Tested to 3000 psi.						
From 12:15 To 15:00	2.75 hrs	Category/Rmks:	: RU Arc Pressure Data. Pulled 2.31" XN plug at 10,642'. 2- runs. 1500 psi on tbg.						
From 15:00 To 6:00	15 hrs	Category/Rmks:	: Flowing well.						

Well Name : UNIVERSITY 20 #4701

Prospect:	EEX				AFE #:	PB111108			
Sec/Twp/Rge:	47 / /				AFE Total:	\$3,180,740			
API #:	4247535473	Field:	R-WINK , S. (WOLFCA		This AFE Cost:	\$8,911,571			
Work Type:	Completion	County , St.:	WARD, TX		Tot Assoc AFE's:	\$8,911,571			
Operator:	Gen Resources Corpor	Supervisor:	Boyd Holmes		Phone:				
Production Current/Expected	Oil:	0 / 0		Gas:	0 / 0		Water:	0 / 0	

Date :	5/2/2009	Days:	40	DC :	\$17,664	CCC:	\$1,496,888	CWC:	\$8,887,071
Activity:	Flowback			Rig Name:					
Daily Report Summary :	5/1/09-5/2/09 (24 hours) Flowed well on a 10/64" choke from 0600 hrs to 0900 hrs. Install 12/64" choke. (2350 psi on tubing) Gas rate- 550M.-58 psi on gas line. Fluid rate avg- 32 BPH- 27 BPH of oil and 5 BPH of water at 1030 AM. Made at total of 320 bbls of oil and 149 bbls of water last 24 hrs. Tubing pressure- 1950 psi/ Gas rate- 597M- 97 psi on gas line at 0600 hrs 5/2/09. Plains hauled 363 bbls of oil in last 24 hrs. Flowing well at 0600 hrs.								
Daily Report Detail:	5/1/09-5/2/09 (24 hours) Flowed well on a 10/64" choke from 0600 hrs to 0900 hrs. Install 12/64" choke. (2350 psi on tubing) Gas rate- 550M.-58 psi on gas line. Fluid rate avg- 32 BPH- 27 BPH of oil and 5 BPH of water at 1030 AM. Made at total of 320 bbls of oil and 149 bbls of water last 24 hrs. Tubing pressure- 1950 psi/ Gas rate- 597M- 97 psi on gas line at 0600 hrs 5/2/09. Plains hauled 363 bbls of oil in last 24 hrs. Flowing well at 0600 hrs.								
Date :	5/3/2009	Days:	41	DC :	\$2,550	CCC:	\$1,499,438	CWC:	\$8,889,621
Activity:	Flowing			Rig Name:					
Daily Report Summary :	5/2/09-5/3/09 (24 hours) Flowed well on a 12/64" choke from 0600 hrs to 0900 hrs. Fluid rate dropped to 10 BPH. Switched flow to test tanks for 5 1/2 hrs. Fluid rate avg 45 BPH. Switched flow back to battery at 1530 hrs.Flow rate avg 25 BPH. Gas rate- 458M.-73 psi on gas line. Recovered 272 bbls of oil and 120 bbls of water in last 24 hours Plains hauled 360 bbls of oil in last 24 hrs. Flowing well on a 12/64 choke at 0600 hrs.								
Daily Report Detail:	5/2/09-5/3/09 (24 hours) Flowed well on a 12/64" choke from 0600 hrs to 0900 hrs. Fluid rate dropped to 10 BPH. Switched flow to test tanks for 5 1/2 hrs. Fluid rate avg 45 BPH. Switched flow back to battery at 1530 hrs.Flow rate avg 25 BPH. Gas rate- 458M.-73 psi on gas line. Recovered 272 bbls of oil and 120 bbls of water in last 24 hours Plains hauled 360 bbls of oil in last 24 hrs. Flowing well on a 12/64 choke at 0600 hrs.								
Date :	5/4/2009	Days:	42	DC :	\$2,550	CCC:	\$1,501,988	CWC:	\$8,892,171
Activity:	Flowback			Rig Name:					
Daily Report Summary :	5/3/09-5/4/09 (24 hours) Flowed well on a 12/64" choke from 0600 hrs to 0600 hrs. Fluid rate avg 20 BPH w/ 1850 psi on tubing. Gas rate- 458M.-73 psi on gas line. Recovered 414 bbls of oil and 66 bbls of water in last 24 hours Flowing well on a 12/64 choke at 0600 hrs. RU SL this AM to run pressure gauges.								
Daily Report Detail:	5/3/09-5/4/09 (24 hours) Flowed well on a 12/64" choke from 0600 hrs to 0600 hrs. Fluid rate avg 20 BPH w/ 1850 psi on tubing. Gas rate- 458M.-73 psi on gas line. Recovered 414 bbls of oil and 66 bbls of water in last 24 hours Flowing well on a 12/64 choke at 0600 hrs. RU SL this AM to run pressure gauges.								

Well Name : UNIVERSITY 20 #4701										
Prospect:		EEX			AFE #:		PB111108			
Sec/Twp/Rge:		47 / /			AFE Total:		\$3,180,740			
API #:		4247535473	Field:		R-WINK , S. (WOLFCA	This AFE Cost:		\$8,911,571		
Work Type:		Completion	County , St.:		WARD, TX	Tot Assoc AFE's:		\$8,911,571		
Operator:		gen Resources Corpor	Supervisor:		Boyd Holmes	Phone:				
Production Current/Expected		Oil:	0 / 0		Gas:	0 / 0		Water:	0 / 0	

Date :	5/5/2009	Days:	43	DC :	\$8,050	CCC:	\$1,510,038	CWC:	\$8,900,221
Activity:	Shut-In For Build-up			Rig Name:					
Daily Report Summary :		5/4/09- Flowed well to battery on a 12/64 choke SI. NU cross & master valve. (2000 psi after 1- hr SI) Flow to test tanks. (A vg- 22 BPH of fluid) 15 oil- 7 water. RU Fesco SL. Made dummy run w/ 1" tools to 10,642'. Changed out packing. RIH w/ BHP/Temp gauges Flowing well to test tank while running gradients in 2000' increments from surface to 10,600'.(Installed T- on 3" gas line and water line for telemetry tie in). Switch to battery at 1530 hrs. On bottom with BHP gauges at 1600 hrs. Let flow thru battery while collecting gas and water samples. Shut in well at 1830 hrs until Friday AM.(65 psi on gas line)- 525MCF -1825 psi on tubing before shutting in. Sold 936 bbls of oil. (Plains)							
Daily Report Detail:		5/4/09- Flowed well from 0600 hrs to 0730 hrs to tank battery on a 12/64 choke Shut in at 0730 hrs. NU cross and additional master valve. (2000 psi after 1- hr SI) Flowed well to test tanks while waiting on Fesco SL. (A vg- 22 BPH of fluid) RU Fesco SL unit at 1030 hrs. Made dummy run w/ 1" tools to 10,600'. Changed out packing on packoff. RIH w/ BHP/Temp gauges at 1430 hrs. Flowing well to test tank while running gradients in 2000' increments from surface to 10,600'.(Installed T- on 3" gas line and water line for telemetry tie in). Switched flow to battery at 1530 hrs. On bottom with BHP gauges at 1600 hrs. Let flow thru battery while collecting gas and water samples. Shut in well at 1830 hrs until Friday AM.(65 psi on gas line- 1825 psi on tubing before shutting in) Plains hauled 936 bbls of oil.							
Date :	5/6/2009	Days:	44	DC :	\$450	CCC:	\$1,510,488	CWC:	\$8,900,671
Activity:	Shut-In For Build-up			Rig Name:					
Daily Report Summary :		Shut in for 72 hr built up.							
Daily Report Detail:		Shut in for 72 hr built up.							
Date :	5/7/2009	Days:	45	DC :	\$450	CCC:	\$1,510,938	CWC:	\$8,901,121
Activity:	Shut-In For Build-up			Rig Name:					
Daily Report Summary :		Shut in for 72 hr built up.							
Daily Report Detail:		Shut in for 72 hr built up.							
Date :	5/8/2009	Days:	46	DC :	\$450	CCC:	\$1,511,388	CWC:	\$8,901,571
Activity:	Pull BHP Gauges			Rig Name:					
Daily Report Summary :		Shut in for 72 hr built up.							
Daily Report Detail:		Shut in for 72 hr built up.							
Date :	5/9/2009	Days:	47	DC :	\$6,100	CCC:	\$1,517,488	CWC:	\$8,907,671
Activity:	Flowing			Rig Name:					
Daily Report Summary :		5/8/09- 3670 psi on tubing. POOH gauges.(BHP- 6785 psi. BH temp- 156 degrees). Opened well to battery at 1215 PM. Flowed on a 12/64 choke. Flowed well to 2300 hrs. Had to switch flow due to line in flow line..1750 psi on tubing- Rec- 286 bbls of oil and 22 water. Before diverting flow- Gas sales- 770M, 90 psi on gas line. Flowing to test tanks at 0600 hrs on a 18/64 choke- 40 BPH of fluid. 90% oil cut.							
Daily Report Detail:		5/8/09- 3670 psi on tubing. POOH w/ BHP gauges in 2000' stops while pulling out. L/D BHP gauges. RD Fesco. (BHP- 6785 psi. BH temp- 156 degrees). Opened well to battery at 1215 PM. Flowed on a 12/64 choke. Flowed well to 2300 hrs. Had to switch flow to test tanks due to leak on 2" line . Flowing to test tanks at 0600 hrs on a 18/64 choke- 40 BPH of fluid. (Will repair 2" line this AM to con't flowing to battery.) 1750 psi on tubing- Rec- 286 bbls of oil and 22 water. Before diverting flow- Gas- 770M, 90 psi on gas line. Had 440 psi jump on tubing pressure before leak, causing pop-off on gas to go off.							

Well Name : UNIVERSITY 20 #4701										
Prospect:		EEX			AFE #:		PB111108			
Sec/Twp/Rge:		47 / /			AFE Total:		\$3,180,740			
API #:		4247535473	Field:		R-WINK , S. (WOLFCA	This AFE Cost:		\$8,911,571		
Work Type:		Completion	County , St.:		WARD, TX	Tot Assoc AFE's:		\$8,911,571		
Operator:		gen Resources Corpor	Supervisor:		Boyd Holmes	Phone:				
Production Current/Expected		Oil:	0 / 0		Gas:	0 / 0		Water:	0 / 0	

Date :	5/10/2009	Days:	48	DC :	\$2,450	CCC:	\$1,519,938	CWC:	\$8,910,121
Activity:	Flowing			Rig Name:					
Daily Report Summary :	5/9/09-5/10/09- Flowed well to test tank. Switched flow to battery at 0730 hrs. Flowed well on a 12/64 choke until 1830 hrs. Opened well on a 14/64 choke for 4- hrs. Had to drop choke size back to 12/64 choke at 2230 hrs due to excessive fluid rate. At 0600 hrs tubing pressure -1850 psi/Avg 21 BPH of fluid. Recovered 283 bbls of oil and 103 bbls of water last 24 hrs. Gas line pressure 48 psi on meter/60 psi on location- Gas rate- 430M. Sold 369 bbls of oil last 24 hrs. Flowing at 0600 hrs.								
Daily Report Detail:	5/9/09-5/10/09- Flowed well to test tank. Repaired 2" line. Switched flow to battery at 0730 hrs. Flowed well on a 12/64 choke until 1830 hrs. Opened well on a 14/64 choke for 4- hrs. Had to drop choke size back to 12/64 choke at 2230 hrs due to excessive fluid rate on high pressure separator. At 0600 hrs tubing pressure -1850 psi/Avg 21 BPH of fluid. Recovered 283 bbls of oil and 103 bbls of water last 24 hrs. Gas line pressure 48 psi on meter/60 psi on location- Gas rate- 430M. Sold 369 bbls of oil last 24 hrs. Flowing at 0600 hrs.								
Date :	5/11/2009	Days:	49	DC :	\$1,450	CCC:	\$1,521,388	CWC:	\$8,911,571
Activity:	Flowing			Rig Name:					
Daily Report Summary :	5/10/09-5/11/09- Flowed well to battery on a 12/64 choke to 0830 hrs. Flowed well to test tanks from 0830 hrs to 1500 hrs due to failed back pressure valve.(repaired) Flowed well from 1500 hrs to 0600 hrs to battery. 1750 psi on tubing. Gas rate- 465M. Gas line pressure- 45 psi on location 50 psi at meter. Recovered 303 bbls of oil and 143 water in last 24 hrs. Flowing well.								
Daily Report Detail:	5/10/09-5/11/09- Flowed well to battery on a 12/64 choke to 0830 hrs. Flowed well to test tanks from 0830 hrs to 1500 hrs due to failed back pressure valve.(repaired) Flowed well from 1500 hrs to 0600 hrs to battery. 1750 psi on tubing. Gas rate- 465M. Gas line pressure- 45 psi on location 50 psi at meter. Recovered 303 bbls of oil and 143 water in last 24 hrs. Flowing well.								
Date :	5/12/2009	Days:	50	DC :	\$0	CCC:	\$1,521,388	CWC:	\$8,911,571
Activity:	Testing			Rig Name:					
Daily Report Summary :									
Daily Report Detail:	The well is currently on a 16/64" choke flowing 19-22 Bbl Oil/hr. and 6-10 Bbl.Water/hr. The flowing tubing pressure is 1400#. Yesterday we made 715 BO and 259 BW and 661 mcf/d. We had 68 psig at our end of the gas line this morning. We have recovered about 6400 Bbl of the 14, 825 Bbl load. It looks like if the gas volume stays below 1 mmcf/d the line isn't pressuring up as before. We plan to leave the well on a 16/64" and keep an eye on the FTP.								
Date :	5/13/2009	Days:	51	DC :	\$0	CCC:	\$1,521,388	CWC:	\$8,911,571
Activity:	Testing			Rig Name:					
Daily Report Summary :									
Daily Report Detail:	We had no pressure issues with Regency the line pressure this morning at our end is 54 psig and the well stayed on a 16/64" choke all day. We produced 518 Bbls Oil and 226 Bbl Water (Load left 8200 Bbls) 540 mcf/d the well has FTP of 1300#. Current rates are 23 Bbl of Oil/hr and 11 Bbls of Water/hr.								
Date :	5/14/2009	Days:	52	DC :	\$0	CCC:	\$1,521,388	CWC:	\$8,911,571
Activity:	Testing			Rig Name:					
Daily Report Summary :									
Daily Report Detail:	The FTP continues to drop, but currently we have no plans to make an adjustment to the choke. Here are yesterdays results: FTP 1240# on 16/64" choke, 480 Bbls. Oil, 188 Bbls.Water (8000 Bbls. of load left) 530 mcf/d and the line pressure at our well is 56 psig.								
Date :	5/15/2009	Days:	53	DC :	\$0	CCC:	\$1,521,388	CWC:	\$8,911,571
Activity:	Testing			Rig Name:					
Daily Report Summary :									
Daily Report Detail:	Regency line pressure this morning at our end is 49 psig and the well stayed on a 16/64" choke all day. We produced 510 Bbls Oil and 130 Bbl Water (Load left 7870 Bbls) 496 mc the well has FTP of 1180#.								

Well Name : UNIVERSITY 20 #4701

Prospect:	EEX				AFE #:	PB111108
Sec/Twp/Rge:	47 / /				AFE Total:	\$3,180,740
API #:	4247535473	Field:	R-WINK , S. (WOLFCA		This AFE Cost:	\$8,911,571
Work Type:	Completion	County , St.:	WARD, TX		Tot Assoc AFE's:	\$8,911,571
Operator:	igen Resources Corpor	Supervisor:	Boyd Holmes		Phone:	
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0

Date :	5/16/2009	Days:	54	DC :	\$0	CCC:	\$1,521,388	CWC:	\$8,911,571
Activity:	Testing			Rig Name:					
Daily Report Summary :									
Daily Report Detail:	24 hr Test: 486 BO, 135 BW, 476 mcf on 16/64" choke, 1150# FTP, gas line pressure at the well 46 psig.								
Date :	5/17/2009	Days:	55	DC :	\$0	CCC:	\$1,521,388	CWC:	\$8,911,571
Activity:	Testing			Rig Name:					
Daily Report Summary :									
Daily Report Detail:	24 hr. Test: 437 BO, 185 BW, 466 mcf on 16/64" choke, 1100# FTP, gas line pressure at the well 44 psig								
Date :	5/18/2009	Days:	56	DC :	\$0	CCC:	\$1,521,388	CWC:	\$8,911,571
Activity:	Testing			Rig Name:					
Daily Report Summary :									
Daily Report Detail:	24 hr. Test: 469 BO, 132 BW, 429 mcf on 16/64" choke, 1060# FTP, gas line pressure at the well 42 psig Load left to recover 7418 Bbls.								
Date :	5/19/2009	Days:	57	DC :	\$0	CCC:	\$1,521,388	CWC:	\$8,911,571
Activity:	Testing			Rig Name:					
Daily Report Summary :									
Daily Report Detail:	24 hr. Test: 431 BO, 143 BW, 435 mcf on 16/64" choke, 1030# FTP, gas line pressure at the well 44 psig								
Date :	5/20/2009	Days:	58	DC :	\$0	CCC:	\$1,521,388	CWC:	\$8,911,571
Activity:	Testing			Rig Name:					
Daily Report Summary :									
Daily Report Detail:	24 hr. Test: 409 BO, 121 BW, 434 mcf on 16/64" choke, 1050# FTP, gas line pressure at the well 41 psig								
Date :	5/21/2009	Days:	59	DC :	\$0	CCC:	\$1,521,388	CWC:	\$8,911,571
Activity:	Testing			Rig Name:					
Daily Report Summary :									
Daily Report Detail:	24 hr. Test: 345 BO, 118 BW, 403 mcf on 16/64" choke, 1060# FTP, gas line pressure at the well 41 psig. Changed to Adjustable choke. May be slightly smaller.								
Date :	5/22/2009	Days:	60	DC :	\$0	CCC:	\$1,521,388	CWC:	\$8,911,571
Activity:	Testing			Rig Name:					
Daily Report Summary :									
Daily Report Detail:	24 hr. Test: 398 BO, 130 BW, 352 mcf on 16/64" choke, 1020# FTP ,6933 Bbls of load left to recove and the gas line pressure is 40 psig Gas rate is low due to high line pressure on Regency system for a period of time yesterday, vented a small volume at the relief valve on the meter run (they were changing a screen on a compressor and didn't have the correct gasket on location to put the unit back on).								
Date :	5/23/2009	Days:	61	DC :	\$0	CCC:	\$1,521,388	CWC:	\$8,911,571
Activity:	Testing			Rig Name:					
Daily Report Summary :									
Daily Report Detail:	24 hr. Test: 309 BO, 124 BW, 420 mcf on 16/64" choke, 1010# FTP								
Date :	5/24/2009	Days:	62	DC :	\$0	CCC:	\$1,521,388	CWC:	\$8,911,571
Activity:	Testing			Rig Name:					
Daily Report Summary :									
Daily Report Detail:	24 hr. Test: 387 BO, 132 BW, 404 mcf on 16/64" choke, 960# FTP								
Date :	5/25/2009	Days:	63	DC :	\$0	CCC:	\$1,521,388	CWC:	\$8,911,571
Activity:	Testing			Rig Name:					
Daily Report Summary :									
Daily Report Detail:	24 hr. Test: 357 BO, 107 BW, 358 mcf on 16/64" choke, 950# FTP								

Well Name : UNIVERSITY 20 #4701

Prospect:	EEX				AFE #:	PB111108	
Sec/Twp/Rge:	47 / /				AFE Total:	\$3,180,740	
API #:	4247535473	Field:	R-WINK , S. (WOLFCA		This AFE Cost:	\$8,911,571	
Work Type:	Completion	County , St.:	WARD, TX		Tot Assoc AFE's:	\$8,911,571	
Operator:	igen Resources Corpor	Supervisor:	Boyd Holmes		Phone:		
Production Current/Expected	Oil:	0 / 0		Gas:	0 / 0	Water:	0 / 0

Date :	5/26/2009	Days:	64	DC :	\$0	CCC:	\$1,521,388	CWC:	\$8,911,571
Activity:	Testing			Rig Name:					
Daily Report Summary :									
Daily Report Detail:	24 hr. Test: 380 BO, 129 BW, 382 mcf on 16/64" choke, 900# FTP, 6441 Bbls of load left to recover								
Date :	5/27/2009	Days:	65	DC :	\$0	CCC:	\$1,521,388	CWC:	\$8,911,571
Activity:	Testing			Rig Name:					
Daily Report Summary :									
Daily Report Detail:	24 hr. Test: 366 BO, 83 BW, 367 mcf on 16/64" choke, 870# FTP								
Date :	5/28/2009	Days:	66	DC :	\$0	CCC:	\$1,521,388	CWC:	\$8,911,571
Activity:	Testing			Rig Name:					
Daily Report Summary :									
Daily Report Detail:	24 Hr. Test 336 Oil, 102 Water, 346 mcf on 16/64" choke with 850 # FTP								
Date :	5/29/2009	Days:	67	DC :	\$0	CCC:	\$1,521,388	CWC:	\$8,911,571
Activity:	Testing			Rig Name:					
Daily Report Summary :									
Daily Report Detail:	24 Hr. Test 343 Oil, 88 Water, 350 mcf on 16/64" choke with 770 # FTP. Ran flowing pressure gradient.								
Date :	5/30/2009	Days:	68	DC :	\$0	CCC:	\$1,521,388	CWC:	\$8,911,571
Activity:	Testing			Rig Name:					
Daily Report Summary :									
Daily Report Detail:	24 Hr. Test 108 Oil, 105 Water, 301 mcf on 16/64" choke with 730 # FTP. We had a dump fail and sent +/-250 bbl down gas line.								
Date :	5/31/2009	Days:	69	DC :	\$0	CCC:	\$1,521,388	CWC:	\$8,911,571
Activity:	Testing			Rig Name:					
Daily Report Summary :									
Daily Report Detail:	24 Hr. Test 310 Oil, 116 Water, 554 mcf on 16/64" choke with 720 # FTP. Gas rate in question due to liquid in line.								
Date :	6/1/2009	Days:	70	DC :	\$0	CCC:	\$1,521,388	CWC:	\$8,911,571
Activity:	Testing			Rig Name:					
Daily Report Summary :									
Daily Report Detail:	24 Hr. Test 306 Oil, 88 Water, 357 mcf on 16/64" choke with 720 # FTP. (5859 Bbls. of load left)								

Casing

DateIn	Setting Depth	Jts Run	Type	Size	Weight	Grade	MINID	HoleDiam	TD
10/31/2008	1168	26	3. Surface	13.375	48	H-40	12.715	17.5	1171
Stage: 1, Lead, 0, 750, 6%D20+3%D44+.125ppsD130, Class C, 1.81, 12.9									
Stage: 1, Tail, 0, 340, Class C+1%S1, Class C, 1.33, 14.8									
12/24/2008	11813.64	262	5. Production	7	26	P-110	6.276	8.75	11800
Stage: 1, Lead, 0, 1100, 50:50POZ:C+10%D20+5%D44+.125pps,D130+.5%D606+.35%D201+.04gpsD177, Class C, 2.37, 11.9									
Stage: 1, Tail, 0, 600, "C"+.35%D201, Class C, 1.78, 13.2									
Stage: 1, Wash, 20, 0, 100 Chemical Wash ahead of lead, , 0, 0									
3/20/2009	2554.95	57	6. Liner	5.5	11.6		3.419	6.125	13276

Perforation

Date:	Formation	Perf Status	Upper Perf	Lower Perf	Sht / Ft	Description:
4/14/2009		Open	12900	12914	6	
4/14/2009		Open	12600	12614	6	
4/14/2009		Open	12300	12314	6	
4/20/2009		Open	11992	11998	6	