

WellEz Information Management Ver11.5.13bg

Field	UT Lands Ward Co	Supervisor	Cody Long	Report No.	3
Location		Supervisor 2	Joshua Chevalier	DFS	
County	Ward	Rig Phone	303-895-4382	Spud Date	12/18/2013
Rig Name	HWD 9	Rig Email	jchevalier@jaggedpeakenergy.com	AFE	\$3,911,137.00
KB	15	Daily Footage	105	Daily Cost	\$2,000.00
Depth (MD)	105	Depth (TVD)	105	Cum. Cost	\$222,400.00

Casing Data	
1	100
2	100
3	100
4	100
5	100
6	100
7	100
8	100
9	100
10	100
11	100
12	100
13	100
14	100
15	100
16	100
17	100
18	100
19	100
20	100
21	100
22	100
23	100
24	100
25	100
26	100
27	100
28	100
29	100
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31	100
32	100
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34	100
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67	100
68	100
69	100
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71	100
72	100
73	100
74	100
75	100
76	100
77	100
78	100
79	100
80	100
81	100
82	100
83	100
84	100
85	100
86	100
87	100
88	100
89	100
90	100
91	100
92	100
93	100
94	100
95	100
96	100
97	100
98	100
99	100
100	100

Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test

Mud Properties

Type	
Weight	
FV	
PV	
YP	
LCM (ppb)	
Chlorides	
% Solids	
Daily Losses	
Total Losses	

Last Survey

Depth	Inc	Azi

Drilling Parameters

Max WOB	
Max RPM	
Max Torque	
Max Pull	
Bkgrnd Gas	
Max Gas	
Cnx Gas	
Trip Gas	

BHA

Component	Length	ID	OD
Total Length:			

Bit Info

[illegible]

Activity Summary (6:00am - 6:00am)		

[illegible]

24 Hour Activity Summary:

Rig up doghouse , set fuel tank, set remaining houses, receive 4 loads, still waiting on pumps, pits and water tank

24 Hour Plan Forward:

MOB Rig , Rig up received equipment

Safety				Fuel			
Last BOP Test		Last BOP Drill		Last Function Test		Diesel Used	
						Diesel Recvd	
						Diesel on Loc	

WellEz Information Management Ver11.5.13bg



Daily Cost Report

Well Name: UTL 22-17-1H

Report Date: 12/9/2013

Daily Cost \$2,000

Intangible Costs			
Code	Description	Comments	Cum
830.010	Permits, Licenses, ect		\$1,200
830.020	Staking & Surveying		\$2,200
830.030	Road Locations		\$120,000
830.035	Mobilization/Demobilization		\$75,000
830.040	Daywork Contract		
830.050	Mouse/Rathole/Conduct Pipe		\$18,000
830.055	Directional Drilling & Survey		
830.060	Bits, Tools, Stabilizers		
830.065	Fuel, Power		
830.070	Equipment Rental		
830.075	Mud & Chemicals		
830.080	Mud Logging		
830.090	Core Analysis		
830.095	Openhole Logging		
830.100	Cement Serv/Float Equipment		
830.110	Casing Crew & Equipment		
830.120	Contract Labor		
830.160	Fishing Services		
830.165	Drill Water		
830.175	Supervision	Cody Long	\$2,000
830.195	P&A/TA Costs		\$6,000
840.100	Cement Services (4-1/2" Liner)		
		Total Intangible	\$2,000
			\$222,400

Tangible Costs					Total Tangible	\$2,000	\$222,400
Code	Description	Comments	Daily	Cum			
850.010	Conductor Casing - 13-3/8"						
850.015	Surface Casing - 9-5/8"						
850.120	Intermediate Casing - 7"						
850.145	Wellhead Equipment						
850.150	Flow equipment, Centralizers & DVT						
850.275	Tangible Contingency						
860.030	Production Casing - 4-1/2"						
860.035	Liner Hanger - 4-1/2"						
860.045	Wellhead Equipment - Completions (Tubing Spool)						
Total Tangible (incl. Costs)						\$2,000	\$222,400

WellEz Information Management Ver11.5.13bg



Daily Cost Report

Well Name: UTL 22-17-1H

Report Date: 12/10/2013

Daily Cost: \$4,835

Intangible Costs				
Code	Description	Comments	Daily	Cum
830.010	Permits, Licenses, ect			\$1,200
830.020	Staking & Surveying			\$2,200
830.030	Road, Locations			\$120,000
830.035	Mobilization/Demobilization			\$75,000
830.040	Daywork Contract			
830.050	Mouse/Rathole/Conduct Pipe			\$18,000
830.055	Directional Drilling & Survey			
830.060	Bits, Tools, Stabalizers			
830.065	Fuel, Power			
830.070	Equipment Rental		\$2,195	\$2,195
830.075	Mud & Chemicals	Deliver mud products	\$640	\$640
830.080	Mud Logging			
830.090	Core Analysis			
830.095	Openhole Logging			
830.100	Cement Serv/Float Equipment			
830.110	Casing Crew & Equipment			
830.120	Contract Labor			
830.160	Fishing Services			
830.165	Drill Water			
830.175	Supervision	Cody Long	\$2,000	\$8,000
830.195	P&A/TA Costs			
840.100	Cement Services (4-1/2" Liner)			
Total Intangible			\$4,835	\$227,235
Tangible Costs				
Code	Description	Comments	Daily	Cum
850.010	Conductor Casing - 13-3/8"			
850.015	Surface Casing - 9-5/8"			
850.120	Intermediate Casing - 7"			
850.145	Wellhead Equipment			
850.150	Float equipment, Centralizers & DVT			
850.275	Tangible Contingency			
860.030	Production Casing - 4-1/2"			
860.035	Liner Hanger - 4-1/2"			
860.045	Wellhead Equipment - Completions (Tubing Spool)			
Total Tangible				
Total Costs			\$4,835	\$227,235

Field Location	UT Lands Ward Co	Supervisor	Cody Lonn	Report No.	5
County	Ward	Supervisor 2	Joshua Chevalier	DFS	
Rig Name	HWD 9	Rig Phone	303-895-4982	Spud Date	12/18/2013
KB	15	Rig Email	jchevalier@jaagdedpeakenergy.com	AFE	\$3,911,137.00
Depth (MD)	105	Daily Footage		Daily Cost	\$44,026.68
		Depth (TVD)	105	Cum. Cost	\$271,261.68

Casing Data

Casing Data							
Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test

Mud Properties

Type	
Weight	
FV	
PV	
YP	
LCM (ppb)	
Chlorides	
% Solids	
Daily Losses	
Total Losses	

Last Survey

Depth	Inc	Azi

Drilling Parameters

Max WOB	
Max RPM	
Max Torque	
Max Pull	
Bkgrnd Gas	
Max Gas	
Cnx Gas	
Trip Gas	

BHA

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Bit Info

[illegible]

Activity Summary (6:00am - 6:00am)

From	To	Hours	P / U	Summary
6:00	18:00	12.00	Planned	Rig up, set and rig up pits, set shakers , scope derrick , set frac tanks and water tanks, install Pason
18:00	6:00	12.00	Planned	Secure location, wait on mud pumps to arrive
Total Hours:		24		

24 Hour Activity Summary:

Big up pits, frag tanks, water tank, scope derrick, set shakers

24 Hour Plan Forward:

Rig up. Mud pumps should arrive by noon.

Safety

Last BOP Test	Last BOP Drill	Last Function Test	Diesel Used	Diesel Recvd	Diesel on Loc
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Daily Cost Report

Well Name: UTL 22-17-1H

Report Date: 12/11/2013

Daily Cost \$44.027

Intangible Costs

Code	Description	Intangible Costs	Comments	Daily	Cum
830.010	Permits, Licenses, ect				\$1,200
830.020	Staking & Surveying				\$2,200
830.030	Road, Locations				\$120,000
830.035	Mobilization/Demobilization				\$75,000
830.040	Daywork Contract				
830.050	Mouse/Rathole/Conduct Pipe	Conductor set @ 105' and cemented , Express Energy		\$1,128	\$19,128
830.055	Directional Drilling & Survey				
830.060	Bits, Tools, Stabilizers				
830.065	Fuel, Power				
830.070	Equipment Rental			\$995	\$3,090
830.075	Mud & Chemicals				\$640
830.080	Mud Logging				
830.090	Core Analysis				
830.095	Openhole Logging				
830.100	Cement Serv/Float Equipment				
830.110	Casing Crew & Equipment				
830.120	Contract Labor				
830.160	Fishing Services				
830.165	Drill Water	Fill reserve pit, Bullero trucking		\$40,004	\$40,004
830.175	Supervision	Cody Long		\$2,000	\$10,000
830.195	P&A/TA Costs				
840.100	Cement Services (4-1/2" Liner)				
Total Intangible				\$44,027	\$271,262

Tangible Costs

Code	Description	Tangible Costs	Comments	Daily	Cum
850.010	Conductor Casing - 13-3/8"				
850.015	Surface Casing - 9-5/8"				
850.120	Intermediate Casing - 7"				
850.145	Wellhead Equipment				
850.150	Float equipment, Centralizers & DVT				
850.275	Tangible Contingency				
860.030	Production Casing - 4-1/2"				
860.035	Liner Hanger - 4-1/2"				
860.045	Wellhead Equipment - Completions (Tubing Spool)				
			Total Tangible		
			Total Costs	\$44,027	\$271,28

Field	UT Lands Ward Co	Supervisor	Cody Long	Report No.	6
Location		Supervisor 2	Joshua Chevalier	DFS	
County	Ward	Rig Phone	303-895-4982	Spud Date	12/18/2013
Rig Name	HWD 9	Rig Email	chevalier@jauggedpeakenergy.com	AFE	\$3,911,137.00
KB	15	Depth Footage		Daily Cost	\$8,006.65
Depth (MD)	105	Depth (TVD)	105	Cum. Cost	\$279,268.33

Casing Data

Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test

Mud Properties	
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Type	
Weight	
FV	
PV	
YP	
LCM (ppb)	
Chlorides	
% Solids	
Daily Losses	
Total Losses	

Last Survey

Depth	Inc	Azi

Drilling Parameters

Max WOB	
Max RPM	
Max Torque	
Max Pull	
Bkgrnd Gas	
Max Gas	
Cnx Gas	
Trip Gas	

BHA

Component	Length	ID	OD
Total Length:			

Bit Info

[illegible]

Activity Summary (6:00am - 6:00am)

[illegible]

24 Hour Activity Summary:

Rig up , weld conductor, install flowline , rig up mud pumps

24 Hour Plan Forward:

Finish rig up mud pumps, pre spud inspection, spud well

Safety			Fuel		
Last BOP Test	Last BOP Drill	Last Function Test	Diesel Used	Diesel Recvd	Diesel on Loc

Daily Cost Report

Well Name: UTL 22-17-1H

Report Date: 12/12/2013

Daily Cost \$8,007

Intangible Costs

Code	Description	Comments	Daily	Cum
830.010	Permits, Licenses, ect			\$1,200
830.020	Staking & Surveying			\$2,200
830.030	Road, Locations			\$120,000
830.035	Mobilization/Demobilization			\$75,000
830.040	Daywork Contract			
830.050	Mouse/Rathole/Conduct Pipe			\$19,128
830.055	Directional Drilling & Survey			
830.060	Bits, Tools, Stabilizers			
830.065	Fuel, Power			
830.070	Equipment Rental		\$4,340	\$7,430
830.075	Mud & Chemicals			\$640
830.080	Mud Logging			
830.090	Core Analysis			
830.095	Openhole Logging			
830.100	Cement Serv/Floot Equipment			
830.110	Casing Crew & Equipment			
830.120	Contract Labor	Weld conductor, CWS	\$1,667	\$1,667
830.160	Fishing Services			
830.165	Drill Water			\$40,004
830.175	Supervision	Cordy Long	\$2,000	\$12,000
830.195	P&A/TA Costs			
840.100	Cement Services (4-1/2" Liner)			
Total Intangible			\$8,007	\$279,268

Tangible Costs

Code	Description	Comments	Daily	Cum
850.010	Conductor Casing - 13-3/8"			
850.015	Surface Casing - 9-5/8"			
850.120	Intermediate Casing - 7"			
850.145	Wellhead Equipment			
850.150	Float equipment, Centralizers & DVT			
850.275	Tangible Contingency			
860.030	Production Casing - 4-1/2"			
860.035	Liner Hanger - 4-1/2"			
860.045	Wellhead Equipment - Completions (Tubing Spool)			
		Total Tangible		
		Total Costs	\$8,007	\$279,265

Total Length:

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Troubleshoot mud pump #1 , prespud inspection, Make up BHA , Spud well

Daily Cost **\$28,115**

WellEz Information Management Ver11.5.13b0

Field	UT Lands Ward Co	Supervisor	Cody Long	Report No.	0
Location		Supervisor 2		DFS	2
County	Ward	Rig Phone	432-400-2215	Spud Date	12/13/2013
Rig Name	HWD 9	Rig Email	jaggedpeakenergy@outlook.com	AFE	\$3,911,137.00
KB	15	Daily Footage	1.439	Daily Cost	\$56,583.45
Depth (MD)	3,545	Depth (TVD)	3,545	Cum. Cost	\$469,963.55

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24 Hour Activity Summary:
Drill 12 1/4" surface from 2106' to 3545'

24 Hour Plan Forward:
Drill 12 1/4" surface to estimated TD @ 4900'

Safety				Fuel			
Last ROP Test	Last ROP Drill	Last Function Test		Diesel Used	Diesel Recvd	Diesel on Loc	4,200

Intangible Costs			
Code	Description	Comments	Cum
830.010	Permits, Licenses, ect		\$1,200
830.020	Staking & Surveying		\$2,200
830.030	Road, Locations		\$120,000
830.035	Mobilization/Demobilization		\$75,000
830.040	Daywork Contract	Day rate for rig - Adjusted for 1 1/2 hrs downtime	\$33,375
830.050	Mouse/Rathole/Conduct Pipe		\$19,128
830.055	Directional Drilling & Survey		\$8,015
830.060	Sits, Tools, Stabilizers	Motor and wellhead delivery	\$909
830.065	Fuel, Power		\$39,254
830.070	Equipment Rental		\$10,595
830.075	Mud & Chemicals	Daily Mud Cost	\$25,152
830.080	Mud Logging		
830.090	Core Analysis		
830.095	Openhole Logging		
830.100	Cement Slur/Float Equipment		
830.110	Casing Crew & Equipment		
830.120	Contract Labor		\$2,707
830.160	Fishing Services		
830.165	Drill Water		\$66,312
830.175	Supervision	Cody Long, Tate Eider	\$3,500
830.195	P&A/TA Costs		\$19,500
840.100	Cement Services (4-1/2" Liner)		

		Total Intangible	\$29,966	\$423,346
		Tangible Costs		
Code	Description	Comments	Daily	Cum
850.010	Conductor Casing - 13-3/8"			
850.015	Surface Casing - 9-5/8"			
850.120	Intermediate casing - 7"			
850.145	Wellhead Equipment	Complete wellhead system	\$26,617	\$26,617
850.150	Float equipment, Centralizers & DVT			
850.275	Tangible Contingency			
860.030	Production Casing - 4-1/2"			
860.035	Liner Hanger - 4-1/2"			
860.045	Wellhead Equipment - Completions (Tubing Spool)			
Total Tangible			\$26,617	\$26,617
Total Costs			\$26,617	\$449,963

Field	UT Lands Ward Co	Supervisor	Cody Long	Report No.	10
Location		Supervisor 2	Tate Edeler	OFS	3
County	Ward	Rig Phone	432-400-2215	Spud Date	12/13/2013
Rig Name	HWD 9	Rig Email	jaqued@peakenergy@outlook.com	AFE	\$3,911,137.00
KB	15	Depth Footage	1,355	Daily Cost	\$24,475.00
Depth (MD)	4,900	Depth (TVD)	4,897	Cum. Cost	\$474,438.55

Casing Data	
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Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test

Mud Properties

Type	Fresh Water
Weight	9.4
FV	30
PV	1
YP	1
LCM (ppb)	
Chlorides	58000
% Solids	1.6
Daily Losses	
Total Losses	

Last Survey

Depth	Inc	Azi
4,809'	2.30°	28.30°

Drilling Parameters	
Max. WOB	
1000	1000
2000	2000
3000	3000
4000	4000
5000	5000
6000	6000
7000	7000
8000	8000
9000	9000
10000	10000

Max WOB	30
Max RPM	70
Max Torque	
Max Pull	
Bkgrnd Gas	
Max Gas	
Cnx Gas	
Trip Gas	

BHA

Component	Length	ID	OD
Drill Bit	1'00"	3.25	12.25
Motor	28.69"	3.50	8.00
Sub	2.58"	3.50	7.60
Inconel Collar	58.13"	2.88	8.00
Drill Collar	61.23"	3.50	8.00
X-Over	3.86"	2.88	8.00
Drill Collar	157.50"	2.25	6.25
Total Length:	312.99		

Bit Info

[illegible]

Activity Summary (6:00am - 6:00am)

[illegible]

24 Hour Activity Summary:

Drill 12 1/4 surface hole from 3545 ft to TD at 4900 ft.

24 Hour Plan Forward:

Drill 12 1/4 surface hole to a TD of 4900 ft , Rig up casing crew and run 9 5/8 surface casing.

Safety				Fuel			
Last BOP Test	Last BOP Drill	Last Function Test		Diesel Used	Diesel Recvd	Diesel on Loc	4,200



Daily Cost Report

Well Name: UTL 22-17-1H

Report Date: 12/16/2013

Daily Cost \$24,475

Intangible Costs

Code	Description	Comments	Daily	Cum
830.010	Permits, Licenses, ect			\$1,200
830.020	Staking & Surveying			\$2,200
830.030	Road Locations			\$120,000
830.035	Mobilization/Demobilization			\$75,000
830.040	Daywork Contract	Day rate for rig	\$18,000	\$51,375
830.050	Mouse/Rathole/Conduct Pipe			\$19,128
830.055	Directional Drilling & Survey		\$1,900	\$9,915
830.060	Bits, Tools, Stabilizers			\$800
830.065	Fuel, Power			\$39,254
830.070	Equipment Rental		\$1,075	\$11,670
830.075	Mud & Chemicals			\$25,152
830.080	Mud Logging			
830.090	Core Analysis			
830.095	Openhole Logging			
830.100	Cement Serv/Floot Equipment			
830.110	Casing Crew & Equipment			
830.120	Contract Labor			\$2,707
830.160	Fishing Services			
830.165	Drill Water			\$66,312
830.175	Supervision	Cody Long , Tate Edeler	\$3,500	\$23,000
830.195	P&A/TA Costs			
840.100	Cement Services (4-1/2" Liner)			
Total Intangible			\$24,475	\$447,821

Tangible Costs

Code	Description	Tangible Costs	Comments	Daily	Cum
850.010	Conductor Casing - 13-3/8"				
850.015	Surface Casing - 9-5/8"				
850.120	Intermediate Casing - 7"				
850.145	Wellhead Equipment				\$26,617
850.150	Float equipment, Centralizers & D/V/T				
850.275	Tangible Contingency				
860.030	Production Casing - 4-1/2"				
860.035	Liner Hanger - 4-1/2"				
860.045	Wellhead Equipment - Completions (Tubing Spool)				
			Total Tangible		\$26,617
			Total G&S	\$24,475	\$474,435

WATER BASE DRILLING FLUID REPORT

REPORT
NO.

6

DATE Dec-17 2011

MEASURED
DEPTH

4900

TVD

4856

OPERATOR Jagged Peak Energy				CONTRACTOR HWD				RIG NO. Rig # 9			
ADDRESS API # 42-475-36572				ADDRESS 2915 SH 74 South Purcell OK				SPUD DATE 12/13/2013			
REPORT FOR MR. Cody Long & Pate Edeler				REPORT FOR MR. Cody Long				SECTION, TOWNSHIP, RANGE 22			
WELL NAME AND NO. UTL 22-17-1H				FIELD OR BLOCK NO. 17		COUNTY, PARISH, AREA Ward		STATE OR PROVINCE Texas			

OPERATION		CASING		MUD VOLUME (BBL)		CIRCULATION DATA			
Present Activity CMT		Surface 9.625 in. @ 4856 ft.		Hole Pits 371 400		Pump Size X in. 6 12		Annular Velocity (ft./min.) Opposite Drill Pipe 210 Opposite Collar 939	
Drill Pipe Size 4.0 in.		Type Full Hole		Total Circulating Volume 689		Pump Make Weatherford		Jet Velocity (fps) 89	
Hwt. D. P. size 4.5 in.		Type HWD		In Storage 9500 Plus		Model 1600		Circulating Pressure 1500	
D.C. Size / Length 8.00 995		Mud Type Cut Brine/ Lime / LCM/ PHPA		B.P.M. 11.5 G.P.M. 481		SPM 115		Bottoms Up (mins.) 22	
								System Total (mins.) 60	

Flowline Temperature ° F				MUD PROPERTIES				EQUIPMENT			
Time Sample Taken 13:30				Suc Pit				Size Hrs./ Tour			
Depth (ft.) 4900								Centrifuge 0 0 Desilter 16 Cone 0			
Weight (ppg) 9.3								Shaker 120 0 Derricks 0 0			
Mud Gradient (psi / ft.) 0.484								Desander 2 Cone 0 Mud Clnr. 0 0			
Funnel Viscosity (sec./qt.) @ 53 ° F 30								MUD PROPERTIES SPECIFICATIONS			
Plastic Viscosity (cps) 1								Weight 9.5-9.7 Viscosity 29-32 Filtrate No Control			
Yield Point (lb. / 100 sq. ft.) 1								BY AUTHORITY X OPERATOR WRITTEN DRLG. CONTRACTOR			
Gel Strength (lb. / 100 sq. ft.) 10 sec. / 10 min. 1 / 1 / /								X OPERATOR'S REP. OTHER			
Filtrate API (ml / 30 min.) NC								INVENTORY UNIT PRICE BEG. REC. USED END COST Total Used			
Cake Thickness 32nd. in. 9.0								Bar bulk (ton) 39.72 20.79 60.51 21			
pH 0.0								Bar sx (100#) 139 139 105 140			
Alkalinity, Mud (Pm) cc H2SO4 0.0								Bentonite 105 86 14			
(Pf) cc H2SO4 0.3								Lime 86 17 8			
(Mf) cc H2SO4 0.00								Caustic 17 48 7			
Excess Lime (ppb) 56000								Soda Ash 21 21 1			
Chloride (mg / l) 1420								SAPP 1 1 1			
Calcium (mg / l) total hardness 0.75								Detergent 1 1 1			
Sand Content (% by Volume) 5								Ultra PAC R 25 25 34			
Retort Solids (% by Volume) Oil Content (% by Volume)								Ultra Star 35 35 30			
Water Content (% by Volume) 95								Liquid Drill (PH) 30 80 80 4			
Corrected Solids Content 1.9								Soltext 80 20 90			
H.G. / L.G. (%) 1.7 / 0.2 / /								MF 55 20 90			
D.S. / GEL (%) / / /								MiZan D 90 660 660 3			
MBT (ppb)								PDS Lube 72 72 3			
								Sawdust 60 60 50			
								Fiber Seal 50 50 50			
								Graphite Bead 55 30 25 65			
								Drilling Paper 50 50 2			
								Yellow Starch 2 2 50			
								Super Sweep 50 50 50			
								Walnut Shells 80 80 3			
								Desco 3 3 100			
								Aluminum ST 100 100 25			
								Soap Sticks 25 25 48			
								Sapp Sticks 48 48 1 1 5			
								Hole Seal 1 1 30 30 6			
								2 Bulk Tanks 1 1 6			
								1 Blower 1 1 6			
								2 Mat brds 1 1 6			
								Engineer 1 1 6			
ENGINEER(s) Bryan Beck				HOME ADDRESS Midland				PHONE 325-212-8495			
24 hr lost to hole Mud Dumped				Mud on cuttings Mud Returned				CUMULATIVE COST \$2,400.58			
Cuttings generated Mud Returned				Cumulative lost to hole				DAILY COST \$3,280.00			
								BIT SIZE TYPE JETS TFA WOB RPMs			
								8.750 PDC 18 18 18 18 18 18 1.74 17 65			

Rheology		Flow Characteristics		Critical / Actual		Tubular Details			
Readings @ 53 ° F		D.P. / Csg. Turbulent flow		17 / 190 fpm		Casing O.D. I.D. Set @ Top @ Length Cap.(bbl)			
600 / 300 rpm - 3 / 2		Hwt. / O.H. Turbulent flow		17 / 209 fpm		Surface 9.625 8.835 4856 4856 368			
200 / 100 rpm - 2 / 2		D.C. / O.H. Turbulent flow		18 / 939 fpm		Intermediate			
6 / 3 rpm - 1 / 1		VOLUME BBLs STROKES				Liner			
n med / low 0.5846 / 0.0143		Hole volume 371 3727				Open Hole Volume 8.750 44 3			
K med / low 0.0522 / 0.9770		String volume 40 404				Drill String			
ECD TD / SHOE 9.33 / 9.31 ppg		Annular volume 249 2498				D. P. 4.00 2.935 3905 33			
Safe ROP maximum 214.4 fph		Surf. to Surf. 289 2902				Hwt. 4.50 2.750 995 8			
Particle Slip Rate 3.3 fpm		Total System 689 6915				D.C. 8.00 2.800			
Critical Vel. Hwt. ann. vol. 18 fpm		Drill Collar ann. vol. 12.1 122				Drill String disp. 82 bbls Buoyed String weight 194815 lbs			
Critical pump rate 10 spm		Hwt. ann. vol. 12.1 122							
Mud wt. Potential 12.29 ppg		Total B.H.A. ann. vol. 12.1 122							

Field	UT Lands Ward Co	Supervisor	Cody Long	Report No.	12
Location		Supervisor 2	Tate Edeler	DFS	5
County	Ward	Rig Phone	432-400-2215	Spud Date	12/13/2013
Rig Name	HWD 9	Rig Email	aqaeed@peakenergy@outlook.com	AFE	\$3,911,137.00
KB	15	Daily Footage		Daily Cost	\$104,727.48
Depth (MD)	4,900	Depth (TVD)	4,897	Cum. Cost	\$756,712.23

Casing Data							
Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test
Surface	9-5/8	40.0	J 55	LTC	15'	4,842'	

[illegible][illegible][illegible]

24 Hour Activity Summary:
Landed surface casing at 4842 ft. Rigged down casing crew and finished rigging up Baker Hughes cementers. Complete cement job and prepare for nipple up and test.

24 Hour Plan Forward:
Finish surface casing run and cement. Nipple up BOP and test.

Safety				Fuel		
Last BOP Test	Last BOP Drill	Last Function Test		Diesel Used	Diesel Recvd	Diesel on Loc 7,300

Code	Description	Intangible Costs	Comments	Daily	Cum
830.010	Permits, Licenses, ect				\$1,200
830.020	Staking & Surveying				\$2,200
830.030	Road, Locations				\$120,000
830.035	Mobilization/Demobilization				\$75,000
830.040	Daywork Contract	Day rate for rig		\$18,000	\$87,375
830.050	Mouse/Rathole/Conduct Pipe				\$19,128
830.055	Directional Drilling & Survey			\$-3,940	\$14,916
830.060	Bits, Tools, Stabilizers				\$309
830.065	Fuel, Power				\$30,254
830.070	Equipment Rental			\$1,725	\$14,470
830.075	Mud & Chemicals			\$3,280	\$28,432
830.080	Mud Logging				
830.090	Core Analysis				
830.095	Openhole Logging				
830.100	Cement Serv/Float Equipment	Cement 9 5/8" Surface Casing		\$79,332	\$79,332
830.110	Casing Crew & Equipment				
830.120	Contract Labor	Land Well head , install equipment		\$2,830	\$5,537
830.160	Fishing Services				
830.165	Drill Water				\$66,312
830.175	Supervision	Cody Long , Tate Edeler		\$3,500	\$30,000
830.195	P&A/TA Costs				
840.100	Cement Services (4-1/2" Liner)				

		Tangible Costs		Total Intangible	\$194,767	\$384,064
Code	Description	Comments	Daily	Cum		
850.010	Conductor Casing - 13-3/8"					
850.015	Surface Casing - 9-5/8"					\$128,303
850.120	Intermediate Casing - 7"					
850.145	Wellhead Equipment					\$26,617
850.150	Float equipment, Centralizers & DVT					\$17,727
850.275	Tangible Contingency					
860.030	Production Casing - 4-1/2"					
860.035	Liner Hanger - 4-1/2"					
860.045	Wellhead Equipment - Completions (Tubing Spool)					

Field	UT Lands Ward Co	Supervisor	Cody Long	Report No.	14
Location		Supervisor 2	Tate Edeler	DFS	7
County	Ward	Rig Phone	432-400-2215	Spud Date	12/13/2013
Rig Name	HWD 9	Rig Email	ajaged@peakenergy@outlook.com	AFE	\$3,911,137.00
KB	15	Depth Footage	35	Daily Cost	\$32,072.90
Depth (MD)	4.935	Depth (TVD)	4.897	Cum. Cost	\$896,004.18

Casing Data

Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test
Surface	9-5/8	40.0	J 55	LTC	15'	4,842	

Mud Properties

Type	Fresh Water
Weight	9.5
FV	29
PV	1
YP	1
LCM (ppb)	
Chlorides	115000
% Solids	0.5
Daily Losses	
Total Losses	

Last Survey

Depth	Inc	Azi

Drilling Parameters

Max WOB	25
Max RPM	70
Max Torque	4500
Max Pull	110
Bkgrnd Gas	
Max Gas	
Cnx Gas	
Trip Gas	

BHA

Component	Length	ID	OD
Drill Bit	1.00'	3.00	8.75
Motor	26.08'	3.00	6.88
Sub	2.87'	2.88	6.51
Monol Collar	61.54'	2.88	6.50
Drill Pipe	655.40'	2.75	4.50
X-Over	1.95'	3.00	5.25
Total Length:	748.84		

Bit Info

[illegible]

Activity Summary (6:00am - 6:00am)		
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[illegible]

24 Hour Activity Summary:

TIH and drill out plug at 1200 ft. Continue TIH and drill out shoe track, motor failure trip out and change motor, bit, trip back in hole to 4219'

24 Hour Plan Forward:

TIH and drill ahead to KOP

Safety

Last BOP Test	12/19/2013	Last BOP Drill		Last Function Test	12/19/2013	Diesel Used		Diesel Recvd		Diesel on Loc	7.300
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Intangible Costs

Code	Description	Comments	Daily	Cum
830.010	Permits, Licenses, ect			\$1,200
830.020	Staking & Surveying			\$2,200
830.030	Road, Locations			\$120,000
830.035	Mobilization/Demobilization			\$75,000
830.040	Daywork Contract	Day rate for rig	\$18,000	\$111,000
830.050	Mouse/Rathole/Conduct Pipe			\$19,128
830.055	Directional Drilling & Survey		\$4,425	\$20,241
830.060	Bits, Tools, Stabilizers			\$29,243
830.065	Fuel, Power			\$39,254
830.070	Equipment Rental		\$2,988	\$18,996
830.075	Mud & Chemicals		\$3,160	\$36,880
830.080	Mud Logging			
830.090	Core Analysis			
830.095	Openhole Logging			
830.100	Cement Services			\$79,332
830.110	Casing Crew & Equipment			\$27,646
830.120	Contract Labor			\$18,485
830.160	Fishing Services			
830.165	Drill Water			\$66,312
830.175	Supervision	Cody Long, Tate Edeler	\$3,500	\$37,000
830.195	P&A/TA Costs			
840.100	Cement Services (4-1/2" Liner)			
Total Intangible			\$32,073	\$701,916

Tangible Costs	
1. Cost of Capital	Cost of capital is the opportunity cost of funds used in the project. It is the return that could be earned if the funds were invested in the next best alternative. It is calculated as the weighted average of the cost of debt and the cost of equity.
2. Cost of Debt	Cost of debt is the interest rate on the debt used to finance the project. It is the return that the lender expects to earn on the loan. It is calculated as the interest rate on the debt multiplied by the tax rate.
3. Cost of Equity	Cost of equity is the return that the equity holders expect to earn on their investment. It is the return that the company must earn on its investment to satisfy the equity holders. It is calculated as the risk-free rate plus a risk premium.
4. Cost of Materials	Cost of materials is the cost of the raw materials used in the project. It is the cost of the materials that are used to produce the product. It is calculated as the cost of the materials multiplied by the quantity of materials used.
5. Cost of Labor	Cost of labor is the cost of the labor used in the project. It is the cost of the labor that is used to produce the product. It is calculated as the cost of the labor multiplied by the quantity of labor used.
6. Cost of Overhead	Cost of overhead is the cost of the overhead expenses used in the project. It is the cost of the overhead expenses that are used to produce the product. It is calculated as the cost of the overhead expenses multiplied by the quantity of overhead expenses used.
7. Cost of Distribution	Cost of distribution is the cost of the distribution expenses used in the project. It is the cost of the distribution expenses that are used to produce the product. It is calculated as the cost of the distribution expenses multiplied by the quantity of distribution expenses used.
8. Cost of Marketing	Cost of marketing is the cost of the marketing expenses used in the project. It is the cost of the marketing expenses that are used to produce the product. It is calculated as the cost of the marketing expenses multiplied by the quantity of marketing expenses used.
9. Cost of Research and Development	Cost of research and development is the cost of the research and development expenses used in the project. It is the cost of the research and development expenses that are used to produce the product. It is calculated as the cost of the research and development expenses multiplied by the quantity of research and development expenses used.
10. Cost of Administration	Cost of administration is the cost of the administration expenses used in the project. It is the cost of the administration expenses that are used to produce the product. It is calculated as the cost of the administration expenses multiplied by the quantity of administration expenses used.

Code	Description	Comments	Daily	Cum
850.010	Conductor Casing - 13-3/8"			
850.015	Surface Casing - 9-5/8"			\$149,744
850.120	Intermediate Casing - 7"			
850.145	Wellhead Equipment			\$26,617
850.150	Float equipment, Centralizers & DVT			\$17,727
850.275	Tangible Contingency			
860.030	Production Casing - 4-1/2"			
860.035	Liner Hanger - 4-1/2"			
860.045	Wellhead Equipment - Completions (Tubing Spool)			
		Total Tangible		\$194,088
		Total Cogs	\$32,073	\$896,004

Field	UT Lands Ward Co	Supervisor	Cody Long	Report No.	15
Location		Supervisor 2	Tate Edeler	DPS	8
County	Ward	Rig Phone	432-400-2215	Spud Date	12/13/2013
Rig Name	HWD 9	Rig Email	jaquedpeakenergy@outlook.com	AFE	\$3,911,137.00
KB	15	Depth Footage	1,115	Daily Cost	\$33,953.86
Depth (MD)	6,050	Depth (TVD)	5,822	Cum. Cost	\$932,741.04

Casing Data							
Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test
Surface	9-5/8	40.0	J 55	LTC	15'	4,842'	

[illegible][illegible][illegible]

24 Hour Activity Summary:
POOH for bit and motor. TIH and drill ahead from 4935' to 6050'

24 Hour Plan Forward:
Finish TIH and Drill Ahead to Intermediate TD of 10800 ft.

Safety					Fuel						
Last BOP Test	12/19/2013	Last BOP Drill	12/20/2013	Last Function Test	12/19/2013	Diesel Used		Diesel Recvd		Diesel on Loc	7,300

Intangible Costs				
Code	Description	Comments	Daily	Cum
830.010	Permits, Licenses, ect			\$1,200
830.020	Staking & Surveying			\$2,200
830.030	Road Locations			\$120,000
830.035	Mobilization/Demobilization			\$75,000
830.040	Daywork Contract	Day rate for rig. Adjusted for 3 hrs Down time	\$15,750	\$126,750
830.050	Mouse/Rathole/Conduct Pipe			\$19,128
830.055	Directional Drilling & Survey		\$4,425	\$24,666
830.060	Bits, Tools, Stabilizers			\$29,243
830.065	Fuel, Power			\$39,254
830.070	Equipment Rental		\$1,120	\$20,116
830.075	Mud & Chemicals		\$2,788	\$39,648
830.080	Mud Logging	Mud Logging - Empirica	\$1,100	\$1,100
830.090	Core Analysis			
830.095	Openhole Logging			
830.100	Cement Services			\$79,332
830.110	Casing Crew & Equipment			\$27,646
830.120	Contract Labor	Welding Connex shelves, cleaning	\$5,291	\$23,776
830.160	Fishing Services			
830.165	Drill Water			\$66,312
830.175	Supervision	Cody Long , Tate Edeler	\$3,500	\$40,500
830.195	P&ATA Costs			
840.100	Cement Services (4-1/2" Liner)			
Total Intangible			\$33,954	\$735,870

Tangible Costs				
Code	Description	Comments	Daily	Cum
850.010	Conductor Casing - 13-3/8"			
850.015	Surface Casing - 9-5/8"			\$151,217
850.120	Intermediate Casing - 7"			\$1,310
850.145	Wellhead Equipment			\$26,617
850.150	Float equipment, Centralizers & DVT			\$17,727
850.275	Tangible Contingency			
860.030	Production Casing - 4-1/2"			
860.035	Liner Hanger - 4-1/2"			
860.045	Wellhead Equipment - Completions (Tubing Spool)			
Total Tangible				\$196,8
Total Costs			\$33,954	\$932,7

Field	UT Lands Ward Co	Supervisor	Cody Long	Report No.	16
Location		Supervisor 2	Tate Edeler	DFS	9
County	Ward	Rig Phone	432-400-2215	Spud Date	12/13/2013
Rig Name	HWD 9	Rig Email	jaggedpeakenergy@outlook.com	AFE	\$3,911,137.00
KB	15	Daily Footage	1.450	Daily Cost	\$54,740.38
Depth (MD)	7.500	Depth (TVD)	7.261	Cum. Cost	\$1,158,106.42

Casing Data

Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test
Surface	9-5/8	40.0	J 55	LTC	15"	4.842"	

Mud Properties

Type	Fresh Water
Weight	9.4
FV	29
PV	1
YP	1
LCM (ppb)	
Chlorides	91000
% Solids	0.1
Daily Losses	
Total Losses	

Last Survey

Depth	Inc	Azi
7,297'	9.50°	109.60°

Drilling Parameters

Max WOB	30
Max RPM	70
Max Torque	9500
Max Pull	170
Bkgrnd Gas	150
Max Gas	571
Cnx Gas	300
Trip Gas	

BHA

Component	Length	ID	OD
Drill Bit	1.00'	3.00	8.75
Motor	26.08'	3.00	6.88
Sub	2.87'	2.88	6.51
Mineral Collar	61.54'	2.88	6.50
Drill Pipe	655.40'	2.75	4.50
X-Over	1.95'	3.00	5.25
Total Length:	748.84		

Bit Info

[illegible]

Activity Summary (6:00am - 6:00am)

[illegible]

24 Hour Activity Summary:

Drilled from 6051 ft to 7500 ft.

24 Hour Plan Forward:

Drill ahead to intermediate KOP 10800 ft.

Safety

Last BOP Test	12/19/2013	Last BOP Drill	12/20/2013	Last Function Test	12/19/2013	Diesel Used		Diesel Recvd		Diesel on Loc	7,300
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Daily Cost Report

Well Name: UTL 22-17-1H

Report Date: 12/22/2013

Daily Cost \$54,740

Intangible Costs

Code	Description	Comments	Daily	Cum
830.010	Permits, Licenses, ect			\$1,200
830.020	Staking & Surveying			\$2,200
830.030	Road, Locations			\$285,000
830.035	Mobilization/Demobilization			\$75,000
830.040	Daywork Contract	Day rate for rig	\$18,000	\$150,375
830.050	Mouse/Rathole/Conduct Pipe			\$19,128
830.055	Directional Drilling & Survey		\$4,505	\$29,171
830.060	Bits, Tools, Stabilizers			\$29,243
830.065	Fuel, Power			\$39,254
830.070	Equipment Rental		\$1,610	\$21,726
830.075	Mud & Chemicals		\$1,966	\$41,614
830.080	Mud Logging	Mud Logging , Empirica	\$1,100	\$2,200
830.090	Core Analysis			
830.095	Openhole Logging			
830.100	Cement Services			\$79,332
830.110	Casing Crew & Equipment	Clean Drift , Tally , 278 joints of 7" casing	\$8,717	\$36,363
830.120	Contract Labor			\$23,776
830.160	Fishing Services			
830.165	Drill Water			\$66,312
830.175	Supervision	Cody Long , Tate Edeker	\$3,500	\$44,000
830.195	P&A/TA Costs			
840.100	Cement Services (4-1/2" Liner)			

Tangible Costs

Code	Description	Tangible Costs	Comments	Daily	Cum
850.010	Conductor Casing - 13-3/8"				
850.015	Surface Casing - 9-5/8"				\$151,217
850.120	Intermediate Casing - 7"				\$1,310
850.145	Wellhead Equipment				\$26,617
850.150	Float equipment, Centralizers & DVT			\$15,342	\$33,069
850.275	Tangible Contingency				
860.030	Production Casing - 4-1/2"				
860.035	Liner Hanger - 4-1/2"				
860.045	Wellhead Equipment - Completions (Tubing Spool)				
			Total Tangible	\$15,342	\$212,217
			Total Costs	\$54,740	\$1,158,109

Field	UT Lands Ward Co	Supervisor	Cody Long	Report No.	17
Location		Supervisor 2	Tate Edeler	DFS	10
County	Ward	Rig Phone	432-400-2215	Spud Date	12/13/2013
Rig Name	HWD 9	Rig Email	jaqued@peakenergy@outlook.com	AFE	\$3,911,137.00
KB	15	Daily Footage	800	Daily Cost	\$31,056.63
Depth (MD)	8.300	Depth (TVD)	8.156	Cum. Cost	\$1,189,163.05

Casing Data	
1	100
2	100
3	100
4	100
5	100
6	100
7	100
8	100
9	100
10	100
11	100
12	100
13	100
14	100
15	100
16	100
17	100
18	100
19	100
20	100
21	100
22	100
23	100
24	100
25	100
26	100
27	100
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80	100
81	100
82	100
83	100
84	100
85	100
86	100
87	100
88	100
89	100
90	100
91	100
92	100
93	100
94	100
95	100
96	100
97	100
98	100
99	100
100	100

Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test
Surface	9-5/8	40.0	J 55	LTC	15	4.842	

Mud Properties

Type	Fresh Water
Weight	9.5
FV	29
PV	1
YP	1
LCM (ppb)	
Chlorides	12600
% Solids	0.1
Daily Losses	
Total Losses	

Last Survey

Depth	Inc	Azi
8,201'	5.00°	97.30°

Drilling Parameters	
Max. WOB	
1000	1000
2000	2000
3000	3000
4000	4000
5000	5000
6000	6000
7000	7000
8000	8000
9000	9000
10000	10000

Max WOB	30
Max RPM	50
Max Torque	
Max Pull	
Bkgrnd Gas	480
Max Gas	878
Cnx Gas	500
Trip Gas	

BHA

Component	Length	ID	OD
Drill Bit	1.00'	3.00	8.75
Motor	26.08"	3.00	6.88
Sub	2.87'	2.88	6.51
Monel Collar	61.54'	2.88	6.50
Drill Pipe	655.40'	2.75	4.50
X-Over	1.95'	3.00	5.25
Total Length:	748.84		

Bit Info

[illegible]

Activity Summary (6:00am - 6:00am)

[illegible]

24 Hour Activity Summary:

Drill from 7485 ft to 8300 ft.

24 Hour Plan Forward:

Drill ahead in intermediate to KOP of 10,800 ft

Safety

Last BOP Test	12/19/2013	Last BOP Drill	12/20/2013	Last Function Test	12/19/2013	Diesel Used		Diesel Recvd		Diesel on Loc	7,300
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Intangible Costs

Code	Description	Comments	Daily	Cum
830.010	Permits, Licenses, ect			\$1,200
830.020	Staking & Surveying			\$2,200
830.030	Road Locations			\$285,000
830.035	Mobilization/Demobilization			\$75,000
830.040	Daywork Contract	Day rate for rig	\$18,000	\$168,375
830.050	Mouse/Rathole/Conduct Pipe			\$19,128
830.055	Directional Drilling & Survey		\$4,505	\$33,676
830.060	Bits, Tools, Stabilizers			\$29,243
830.065	Fuel, Power			\$39,254
830.070	Equipment Rental		\$1,310	\$23,036
830.075	Mud & Chemicals		\$2,642	\$44,255
830.080	Mud Logging	Mud Logging ; Empirica	\$1,100	\$3,300
830.090	Core Analysis			
830.095	Openhole Logging			
830.100	Cement Services			\$79,332
830.110	Casing Crew & Equipment			\$36,363
830.120	Contract Labor			\$23,776
830.160	Fishing Services			
830.165	Drill Water			\$66,312
830.175	Supervision	Cody Long , Tate Edeler	\$3,500	\$47,500
830.195	P&A/TA Costs			
840.100	Cement Services (4-1/2" Liner)			
Total Intangible			\$31,057	\$976,950

Tangible Costs

Code	Description	Comments	Daily	Cum
850.010	Conductor Casing - 13-3/8"			
850.015	Surface Casing - 9-5/8"			\$151,217
850.120	Intermediate Casing - 7"			\$1,310
850.145	Wellhead Equipment			\$26,617
850.150	Float equipment, Centralizers & DVT			\$33,069
850.275	Tangible Contingency			
860.030	Production Casing - 4-1/2"			
860.035	Liner Hanger - 4-1/2"			
860.045	Wellhead Equipment - Completions (Tubing Spool)			
		Total Tangible		\$212,213
		Total Costs	\$31,057	\$1,189,163



Daily Drilling Report

Well Name UTL 22-17-1H

Report Date 12/24/2013

Field	UT Lands Ward Co	Supervisor	Cody Long	Report No.	18
Location		Supervisor 2	Tate Edeler	DFS	11
County	Ward	Rig Phone	432-400-2215	Spud Date	12/13/2013
Rig Name	HWD 9	Rig Email	jaggedpeakenergy@outlook.com	AFE	\$3,911,137.00
KB	15	Daily Footage	195	Daily Cost	\$54,995.90
Depth (MD)	8,495	Depth (TVD)	8,363	Cum. Cost	\$1,244,158.95

Casing Data

Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test
Surface	9-5/8	40.0	J 55	LTC	15'	4,842'	

Mud Properties

Type	Fresh Water
Weight	9.4
IV	29
PV	1
YP	1
LCM (ppb)	
Chlorides	80000
% Solids	2.2
Daily Losses	
Total Losses	

Last Survey

Depth	Inc	Azi
8,409'	2.30°	91.00°

Drilling Parameters

Max WOB	30
Max RPM	50
Max Torque	
Max Pull	
Bkgrnd Gas	721
Max Gas	721
Cnx Gas	701
Trip Gas	259

BHA

Component	Length	ID	OD
Drill Bit	1.00'	3.00	8.75
Motor	26.08'	3.00	6.88
Sub	2.87'	2.88	6.51
Monel Collar	61.54'	2.88	6.50
Drill Pipe	655.40'	2.75	4.50
X-Over	1.95'	3.00	5.25

Total Length: 748.84

Bit Info

Bit #	Size	Make	Type	S/N	Jets	In	Out	Footage	Hrs	ROP	Grade
3	8.75	Security	FX74DM	12178493	7x16	4,935'					

Activity Summary (6:00am - 6:00am)

From	To	Hours	P / U	Summary
6:00	12:00	6.00	Drilling	Drill F/8300 T/8495 ft.
12:00	13:30	1.50	Drilling	Circulate and condition mud in preparation for TOOH.
13:30	14:00	0.50	Planned	Rig Service.
14:00	18:00	4.00	InPlanned	TOOH for bit and motor due to low ROP. Trip F/7795 T/ 3997.
18:00	23:00	5.00	InPlanned	TOOH to 2536 ft and flow check. Shut in casing psi of 340. Well was flowing.Circulated gas out and flowchecked well still flowing.
23:00	2:00	3.00	InPlanned	Decision was made to TIH to the shoe and circulate bottoms up.
			InPlanned	Weight up active system F/ 9.5 T/ 10.0 while TIH to shoe depth of 4842.
2:00	6:00	4.00	InPlanned	Shut in casing pressure at the shoe 270 psi. Finished weighting up active system to a 10.0 ppg. Opened up choke bled off pressure and displaced 9.5 ppg with 10.0 ppg from 4849 ft to surface and shut down pumps monitor for flow.

Total Hours: 24

24 Hour Activity Summary:

Drill ahead to 8495 ft. Circulate and condition fluid and prepare for TOOH due to poor ROP.

24 Hour Plan Forward:

POOH, change Bit & mud motor. RIH & Drill ahead to KOP of 10,800 ft.

Safety						Fuel					
Last BOP Test	12/19/2013	Last BOP Drill	12/20/2013	Last Function Test	12/19/2013	Diesel Used		Diesel Recvd		Diesel on Loc	7,300



Daily Cost Report

Well Name: UTL 22-17-1H

Report Date: 12/24/2013

Daily Cost \$54,996

Intangible Costs				
Code	Description	Comments	Daily	Cum
830.010	Permits, Licenses, ect			\$1,200
830.020	Staking & Surveying			\$2,200
830.030	Road, Locations			\$285,000
830.035	Mobilization/Demobilization			\$75,000
830.040	Daywork Contract	Day rate for rig.	\$18,000	\$188,375
830.050	Mouse/Rathole/Conduct Pipe			\$19,128
830.055	Directional Drilling & Survey		\$4,505	\$38,181
830.060	Bits, Tools, Stabilizers			\$29,243
830.065	Fuel, Power		\$23,310	\$62,564
830.070	Equipment Rental		\$2,363	\$25,399
830.075	Mud & Chemicals		\$2,218	\$46,474
830.080	Mud Logging	Mud Logging, : Empirica	\$1,100	\$4,400
830.090	Core Analysis			
830.095	Openhole Logging			
830.100	Cement Services			\$79,332
830.110	Casing Crew & Equipment			\$36,363
830.120	Contract Labor			\$23,776
830.160	Fishing Services			
830.165	Drill Water			\$66,312
830.175	Supervision	Cody Long , Tate Edeler	\$3,500	\$51,000
830.195	P&A/TA Costs			
840.100	Cement Services (4-1/2" Liner)			
Total Intangible			\$54,996	\$1,031,946
Tangible Costs				
Code	Description	Comments	Daily	Cum
850.010	Conductor Casing - 13-3/8"			
850.015	Surface Casing - 9-5/8"			\$151,217
850.120	Intermediate Casing - 7"			\$1,310
850.145	Wellhead Equipment			\$26,617
850.150	Float equipment, Centralizers & DVT			\$33,069
850.275	Tangible Contingency			
860.030	Production Casing - 4-1/2"			
860.035	Liner Hanger - 4-1/2"			
860.045	Wellhead Equipment - Completions (Tubing Spool)			
Total Tangible				\$212,213
Total Costs			\$54,996	\$1,244,158

Field	UT Lands Ward Co	Supervisor	Cody Long	Report No.	19
Location		Supervisor 2	Tate Edeler	DFS	12
County	Ward	Rig Phone	432-400-2215	Spud Date	12/13/2013
Rig Name	HWD 9	Rig Email	aggad@peakenergy@outlook.com	AFE	\$3,911,137.00
KB	15	Daily Footage		Daily Cost	\$50,721.25
Depth (MD)	8,495	Depth (TVD)	8,363	Cum. Cost	\$1,294,880.20

[illegible]

Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test
Surface	9-5/8	40.0	J 55	LTC	15'	4.84Z	

Mud Properties

Type	Fresh Water
Weight	9.3
FV	29
PV	1
YP	1
LCM (ppb)	
Chlorides	100000
% Solids	0.5
Daily Losses	
Total Losses	

Last Survey

Depth	Inc	Azi

Drilling Parameters

Max WOB	30
Max RPM	50
Max Torque	
Max Pull	
Bkgrnd Gas	5
Max Gas	12
Cnx Gas	
Trip Gas	140

BHA

Component	Length	ID	OD
Drill Bit	1'0"	3.00	8.75
Motor	26.08"	3.00	6.75
Sub	2.87"	2.88	6.51
Momet Collar	61.54"	2.88	6.50
Drill Pipe	655.40"	2.75	4.50
X-Over	1.95'	3.00	5.25
Total Length:	748.84		

Bit Info

[illegible]

Activity Summary (6:00am - 6:00am)	

[illegible]

24 Hour Activity Summary:

Condition mud and TOOH. TIH new bit and motor.

24 Hour Plan Forward:

Finish TIH and continue drilling to KOP at 10800 ft.

Safety

Last BOP Test	12/19/2013	Last BOP Drill	12/20/2013	Last Function Test	12/19/2013	Diesel Used		Diesel Recvd		Diesel on Loc	7,300
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Intangible Costs

Code	Description	Comments	Daily	Cum
830.010	Permits, Licenses, ect			\$1,200
830.020	Staking & Surveying			\$2,200
830.030	Road Locations			\$285,000
830.035	Mobilization/Demobilization			\$75,000
830.040	Daywork Contract	Day rate for rig.	\$18,000	\$204,375
830.050	Mouse/Rathole/Conduct Pipe			\$19,128
830.055	Directional Drilling & Survey		\$4,505	\$42,686
830.060	Bits, Tools, Stabilizers			\$29,243
830.065	Fuel, Power			\$62,564
830.070	Equipment Rental		\$3,260	\$28,659
830.075	Mud & Chemicals		\$20,356	\$66,830
830.080	Mud Logging	Mud Logging ; Empirica	\$1,100	\$6,500
830.090	Core Analysis			
830.095	Openhole Logging			
830.100	Cement Services			\$79,332
830.110	Casing Crew & Equipment			\$36,363
830.120	Contract Labor			\$23,776
830.160	Fishing Services			
830.165	Drill Water			\$66,312
830.175	Supervision	Cody Long , Tate Edler	\$3,500	\$54,500
830.195	PA/TA Costs			
840.100	Cement Services (4-1/2" Liner)			
Total Intangible			\$50,721	\$1,082,667

Tangible Costs

Code	Description	Comments	Daily	Cum
850.010	Conductor Casing - 13-3/8"			
850.015	Surface Casing - 9-5/8"			\$151,217
850.120	Intermediate Casing - 7"			\$1,310
850.145	Wellhead Equipment			\$26,617
850.150	Float equipment, Centralizers & DVT			\$33,069
850.275	Tangible Contingency			
860.030	Production Casing - 4-1/2"			
860.035	Liner Hanger - 4-1/2"			
860.045	Wellhead Equipment - Completions (Tubing Spool)			
		Total Tangible		\$212,217
		Total Costs	\$50,721	\$1,294,888

Field	UT Lands Ward Co	Supervisor	Cody Long	Report No.	20
Location		Supervisor 2	Tate Edeler	DFS	13
County	Ward	Rig Phone	432-400-2215	Spud Date	12/13/2013
Rig Name	HWD 9	Rig Email	jaggedpeakenergy@outlook.com	AFE	\$3,911,137.00
KB	15	Depth Footage	530	Daily Cost	\$31,629.50
Depth (MD)	9.025	Depth (TVD)	8,950	Cum. Cost	\$1,326,509.70

Casing Data

Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test
Surface	9-5/8	40.0	J 55	LTC	15'	4.842	

Mud Properties

Type	Fresh Water
Weight	9.6
FV	29
PV	1
YP	1
LCM (ppb)	
Chlorides	118000
% Solids	0.6
Daily Losses	
Total Losses	

Last Survey

Depth	Inc	Azi
8,954'	1.20°	201.50°

Drilling Parameters

Max WOB	30
Max RPM	60
Max Torque	7500
Max Pull	178
Bkgrnd Gas	351
Max Gas	461
Cnx Gas	461
Trip Gas	8

BHA

Component	Length	ID	OD
Drill Bit	1.0'	3.00	8.75
Motor	26.08'	3.00	6.75
Sub	2.87'	2.88	6.51
Inconel Collar	61.54'	2.88	6.50
Drill Pipe	655.40'	2.75	4.50
X-Over	1.95'	3.00	5.25
Total Length:	748.84		

Bit Info

[illegible]

Activity Summary (6:00am - 6:00am)		
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[illegible]

24 Hour Activity Summary:

Change out bit and motor TIH and tag bottom. Dealt with pump issues and drill ahead to KOP 10800 ft.

24 Hour Plan Forward:

Finish TIH circulate BU and drill ahead in vertical to KOP at 10800 ft.

Safety

Last BOP Test	12/19/2013	Last BOP Drill	12/20/2013	Last Function Test	12/19/2013	Diesel Used		Diesel Recvd		Diesel on Loc	7,300
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Intangible Costs

Code	Description	Comments	Daily	Cum
830.010	Permits, Licenses, ect			\$1,200
830.020	Staking & Surveying			\$2,200
830.030	Road Locations			\$285,000
830.035	Mobilization/Demobilization			\$75,000
830.040	Daywork Contract	Day rate for rig.	\$16,500	\$220,875
830.050	Mouse/Rathole/Conduct Pipe			\$19,128
830.055	Directional Drilling & Survey		\$4,505	\$47,191
830.060	Bits, Tools, Stabilizers			\$29,243
830.065	Fuel, Power			\$62,564
830.070	Equipment Rental		\$4,210	\$32,889
830.075	Mud & Chemicals		\$1,815	\$68,644
830.080	Mud Logging	Mud Logging ; Empirica	\$1,100	\$6,600
830.090	Core Analysis			
830.095	Openhole Logging			
830.100	Cement Services			\$79,332
830.110	Casing Crew & Equipment			\$36,363
830.120	Contract Labor			\$23,776
830.160	Fishing Services			
830.165	Drill Water			\$66,312
830.175	Supervision	Cody Long , Tate Edler	\$3,500	\$58,000
830.195	PA&/TA Costs			
840.100	Cement Services (4-1/2" Liner)			
Total Intangible			\$31,630	\$1,114,296

Tangible Costs

Code	Description	Comments	Daily	Cum
850.010	Conductor Casing - 13-3/8"			
850.015	Surface Casing - 9-5/8"			\$151,217
850.120	Intermediate Casing - 7"			\$1,310
850.145	Wellhead Equipment			\$26,617
850.150	Float equipment, Centralizers & DVT			\$33,069
850.275	Tangible Contingency			
860.030	Production Casing - 4-1/2"			
860.035	Liner Hanger - 4-1/2"			
860.045	Wellhead Equipment - Completions (Tubing Spool)			
		Total Tangible		\$212,217
		Total Costs	\$31,630	\$1,326,511

Field	UT Lands Ward Co	Supervisor	Cody Long	Report No.	21
Location		Supervisor 2	Tate Edeler	DFS	14
County	Ward	Rig Phone	432-400-2215	Spd Date	12/13/2013
Rig Name	HWD 9	Rig Email	agedpeakenergy@outlook.com	AFE	\$3,911,137.00
KB	15	Daily Footage	100	Daily Cost	\$32,134.00
Depth (MD)	9.125	Depth (TVD)	8.950	Cum. Cost	\$1,358,643.70

Casing Data

Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test
Surface	9-5/8	40.0	J 55	LTC	15'	4,842'	

Mud Properties

Type	Fresh Water
Weight	9.9
FV	29
PV	1
YP	1
LCM (ppb)	
Chlorides	125000
% Solids	1.6
Daily Losses	
Total Losses	

Last Survey

Depth	Inc	Azi

Drilling Parameters

Max WOB	30
Max RPM	60
Max Torque	
Max Pull	
Bkgrnd Gas	462
Max Gas	1328
Cnx Gas	1354
Trip Gas	

BHA

Component	Length	ID	OD
Drill Bit	1.00'	3.00	8.75
Motor	26.08'	3.00	6.75
Sub	2.87'	2.88	6.51
Mineral Collar	61.54'	2.88	6.50
Drill Pipe	655.40'	2.75	4.50
X-Over	1.95'	3.00	5.25
Total Length:	748.84		

Bit Info

[illegible]

Activity Summary (6:00am - 6:00am)		
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[illegible]

24 Hour Activity Summary:

Drill ahead F/9039 T/ 9125 ft. Lost Diff and torque POOH for new bit and motor.

24 Hour Plan Forward:

Drill ahead to KOP @ 10800 ft.

Safety						Fuel					
Last BOP Test	12/19/2013	Last BOP Drill	12/20/2013	Last Function Test	12/19/2013	Diesel Used		Diesel Recvd		Diesel on Loc	7,300



Daily Cost Report

Well Name: UTL 22-17-1H

Report Date: 12/27/2013

Daily Cost \$32,134

Intangible Costs

Code	Description	Comments	Daily	Cum
830.010	Permits, Licenses, ect			\$1,200
830.020	Staking & Surveying			\$2,200
830.030	Road, Locations			\$285,000
830.035	Mobilization/Demobilization			\$75,000
830.040	Daywork Contract	Day rate for rig.	\$15,750	\$236,625
830.050	Mouse/Rathole/Conduct Pipe			\$19,128
830.055	Directional Drilling & Survey		\$4,505	\$51,696
830.060	Bits, Tools, Stabilizers			\$29,243
830.065	Fuel, Power			\$62,564
830.070	Equipment Rental		\$4,575	\$37,444
830.075	Mud & Chemicals			\$68,644
830.080	Mud Logging	Mud Logging : Empirica	\$1,100	\$7,700
830.090	Core Analysis			
830.095	Openhole Logging			
830.100	Cement Services			\$79,332
830.110	Casing Crew & Equipment			\$36,363
830.120	Contract Labor			\$23,776
830.160	Fishing Services			
830.165	Drill Water		\$2,704	\$69,016
830.175	Supervision	Cody Long , Tate Edler	\$3,500	\$61,500
830.195	PA/A/TA Costs			
840.100	Cement Services (4-1/2" Liner)			
Total Intangible			\$32,134	\$1,146,430

Tangible Costs

Code	Description	Comments	Daily	Cum
850.010	Conductor Casing - 13-3/8"			
850.015	Surface Casing - 9-5/8"			\$151,217
850.120	Intermediate Casing - 7"			\$1,310
850.145	Wellhead Equipment			\$26,617
850.150	Float equipment, Centralizers & DVT			\$33,069
850.275	Tangible Contingency			
860.030	Production Casing - 4-1/2"			
860.035	Liner Hanger - 4-1/2"			
860.045	Wellhead Equipment - Completions (Tubing Spool)			
Total Tangible				\$212,2
Total Costs				\$1,358,6



Daily Cost \$18,430



Field	UT Lands Ward Co	Supervisor	Cody Long	Report No.	24
Location		Supervisor 2	Kevin Evans	DFS	17
County	Ward	Rig Phone	432-400-2215	Spd Date	12/13/2013
Rig Name	HWD 9	Rig Email	jaagredpeakenergy@outlook.com	AFE	\$3,911,137.00
KB	15	Daily Footage	566	Daily Cost	\$45,670.80
Depth (MD)	10,106	Depth (TVD)	10,014	Cum. Cost	\$1,459,444.53

Casing Data	
1	100
2	100
3	100
4	100
5	100
6	100
7	100
8	100
9	100
10	100
11	100
12	100
13	100
14	100
15	100
16	100
17	100
18	100
19	100
20	100
21	100
22	100
23	100
24	100
25	100
26	100
27	100
28	100
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79	100
80	100
81	100
82	100
83	100
84	100
85	100
86	100
87	100
88	100
89	100
90	100
91	100
92	100
93	100
94	100
95	100
96	100
97	100
98	100
99	100
100	100

Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test
Surface	9-5/8	40.0	J 55	LTC	15'	4,842'	

Mud Properties

Type	Fresh Water
Weight	9.8
FV	30
PV	4
YP	2
LCM (ppb)	
Chlorides	125000
% Solids	0.5
Daily Losses	
Total Losses	

Last Survey

Depth	Inc	Azi
10,019'	3.30°	216.10°

Drilling Parameters	
Max. WOB	
1000	1000
2000	2000
3000	3000
4000	4000
5000	5000
6000	6000
7000	7000
8000	8000
9000	9000
10000	10000

Max WOB	30
Max RPM	30
Max Torque	5500
Max Pull	172
Bkgrnd Gas	641
Max Gas	1658
Cnx Gas	536
Trip Gas	

BHA

Component	Length	ID	OD
Drill Bit	1.00'	3.00	8.75
Motor	26.08"	3.00	8.75
Sub	2.87"	2.88	6.51
Monoel Collar	61.54"	2.88	6.50
Drill Pipe	655.40'	2.75	4.50
X-Over	1.95'	3.00	5.25
Total Length:	748.84		

Bit Info

[illegible]

Activity Summary (6:00am - 6:00am)

[illegible]

24 Hour Activity Summary:

Drilled Actual F/9510-T10106

24 Hour Plan Forward:

Drill ahead to KOP

Safety						Fuel					
Last BOP Test	12/19/2013	Last BOP Drill	12/20/2013	Last Function Test	12/19/2013	Diesel Used	1,760	Diesel Recvd		Diesel on Loc	5,540

Intangible Costs

Code	Description	Comments	Daily	Cum
830.010	Permits, Licenses, ect			\$1,200
830.020	Staking & Surveying			\$2,200
830.030	Road, Locations			\$285,000
830.035	Mobilization/Demobilization			\$75,000
830.040	Daywork Contract	Day rate for rig	\$18,000	\$276,375
830.050	Mouse/Rathole/Conduct Pipe			\$19,128
830.055	Directional Drilling & Survey		\$5,890	\$67,981
830.060	Bits, Tools, Stabilizers			\$29,243
830.065	Fuel, Power			\$62,564
830.070	Equipment Rental		\$2,420	\$39,340
830.075	Mud & Chemicals		\$9,013	\$63,368
830.080	Mud Logging	Mud Logging - Empirica	\$1,100	\$11,000
830.090	Core Analysis			
830.095	Openhole Logging			
830.100	Cement Services			\$79,332
830.110	Casing Crew & Equipment			\$36,363
830.120	Contract Labor			\$23,776
830.160	Fishing Services			
830.165	Drill Water			
830.175	Supervision		\$4,248	\$81,862
830.195	P&A/TA Costs	Cody Long , Kevin Evans, Tate Edler Travel	\$5,000	\$73,500
840.100	Cement Services (4-1/2" Liner)			
Total Intangible			\$45,671	\$1,247,231

Tangible Costs

Code	Description	Tangible Costs	Comments	Daily	Cum
850.010	Conductor Casing - 13-3/8"				
850.015	Surface Casing - 9-5/8"				\$151,217
850.120	Intermediate Casing - 7"				\$1,310
850.145	Wellhead Equipment				\$26,617
850.150	Floot equipment, Centralizers & DVT				\$33,069
850.275	Tangible Contingency				
860.030	Production Casing - 4-1/2"				
860.035	Liner Hanger - 4-1/2"				
860.045	Wellhead Equipment - Completions (Tubing Spool)				
			Total Tangible Total Costs		\$212.2 \$1,459.4
				\$45,671	

Field	UT Lands Ward Co	Supervisor	Cody Long	Report No.	25
Location		Supervisor 2	Kevin Evans	DFS	18
County	Ward	Rig Phone	432-400-2215	Spud Date	12/13/2013
Rig Name	HWD 9	Rig Email	jaiced@peakenergy@outlook.com	AFE	\$3,911,137.00
KB	15	Daily Footage	595	Daily Cost	\$43,545.40
Depth (MD)	10,701	Depth (TVD)	10,678	Cum. Cost	\$1,504,349.93

Casing Data	
1	100
2	100
3	100
4	100
5	100
6	100
7	100
8	100
9	100
10	100
11	100
12	100
13	100
14	100
15	100
16	100
17	100
18	100
19	100
20	100
21	100
22	100
23	100
24	100
25	100
26	100
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28	100
29	100
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82	100
83	100
84	100
85	100
86	100
87	100
88	100
89	100
90	100
91	100
92	100
93	100
94	100
95	100
96	100
97	100
98	100
99	100
100	100

Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test
Surface	9-5/8	40.0	J 55	LTC	15'	4.842'	

Mud Properties

Type	brine
Weight	9.8
FV	33
PV	3
YP	8
LCM (ppb)	
Chlorides	130000
% Solids	2.2
Daily Losses	
Total Losses	

Last Survey

Depth	Inc	Azi
10,617'	0.80°	271.60°

Drilling Parameters

Max WOB	35
Max RPM	30
Max Torque	5500
Max Pull	205
Bkgrnd Gas	208
Max Gas	641
Cnx Gas	278
Trip Gas	

BHA

Component	Length	ID	OD
Drill Bit	1.0'	3.00	8.75
Motor	26.08"	3.00	6.75
Sub	2.87"	2.88	6.51
Monel Collar	61.54"	2.88	6.50
Drill Pipe	655.40'	2.75	4.50
X-Over	1.95'	3.00	5.25
Total Length:	748.84		

Bit Info

[illegible]

Activity Summary (6:00am - 6:00am)	
6:00am - 6:30am	6:30am - 7:00am
7:00am - 7:30am	7:30am - 8:00am
8:00am - 8:30am	8:30am - 9:00am
9:00am - 9:30am	9:30am - 10:00am
10:00am - 10:30am	10:30am - 11:00am
11:00am - 11:30am	11:30am - 12:00pm
12:00pm - 12:30pm	12:30pm - 1:00pm
1:00pm - 1:30pm	1:30pm - 2:00pm
2:00pm - 2:30pm	2:30pm - 3:00pm
3:00pm - 3:30pm	3:30pm - 4:00pm
4:00pm - 4:30pm	4:30pm - 5:00pm
5:00pm - 5:30pm	5:30pm - 6:00pm

[illegible]

24 Hour Activity Summary:

Drilled Actual F/10106'-T/10,701

24 Hour Plan Forward:

Drill ahead to KOP.

Safety						Fuel					
Last BOP Test	12/19/2013	Last BOP Drill	12/20/2013	Last Function Test	12/19/2013	Diesel Used		Diesel Recvd		Diesel on Loc	5,540

Intangible Costs

Code	Description	Comments	Daily	Cum
830.010	Permits, Licenses, ect			\$1,200
830.020	Staking & Surveying			\$2,200
830.030	Road Locations			\$285,000
830.035	Mobilization/Demobilization			\$75,000
830.040	Daywork Contract	Day rate for rig	\$18,000	\$294,375
830.050	Mouse/Rathole/Conduct Pipe			\$19,128
830.055	Directional Drilling & Survey		\$5,890	\$73,871
830.060	Bits, Tools, Stabilizers			\$29,243
830.065	Fuel, Power			\$62,864
830.070	Equipment Rental		\$2,155	\$42,855
830.075	Mud & Chemicals		\$9,815	\$93,183
830.080	Mud Logging	Mud Logging : Empirica	\$1,100	\$12,100
830.090	Core Analysis			
830.095	Openhole Logging			
830.100	Cement Services			\$79,332
830.110	Casing Crew & Equipment			\$36,363
830.120	Contract Labor			\$23,776
830.160	Fishing Services			
830.165	Drill Water		\$3,085	\$84,947
830.175	Supervision	Cordy Long , Kevin Evans	\$3,500	\$77,000
830.195	P&A/TA Costs			
840.100	Cement Services (4-1/2" Liner)			
Total Intangible			\$43,545	\$1,292,136

[illegible]

Field	UT Lands Ward Co	Supervisor	Cody Long	Report No.	26
Location		Supervisor 2	Kevin Evans	DFS	19
County	Ward	Rig Phone	432-400-2215	Spud Date	12/13/2013
Rig Name	HWD 9	Rig Email	jaggedpeakenergy@outlook.com	AFE	\$3,911,137.00
KB	15	Daily Footage	99	Daily Cost	\$34,353.00
Depth (MD)	10,800	Depth (TVD)	10,701	Cum. Cost	\$1,538,702.93

Casing Data

Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test
Surface	9-5/8	40.0	J 55	LTC	15'	4,842	

Mud Properties

Type	brine
Weight	9.9
FV	33
PV	5
YP	6
LCM (ppb)	
Chlorides	130000
% Solids	2.3
Daily Losses	
Total Losses	

Last Survey

Depth	Inc	Azi
10,703'	1.10°	285.10°

Drilling Parameters

Max WOB	35
Max RPM	30
Max Torque	5500
Max Pull	206
Bkgrnd Gas	254
Max Gas	502
Cnx Gas	392
Trip Gas	

BHA

Component	Length	ID	OD
Drill Bit	1'0"	2.25	8.75
Motor	24.69"	2.25	6.75
Monel Collar	30.17"	2.88	8.30
Sub	2.87"	2.88	8.51
Monel Collar	61.54"	2.88	6.55
Sub	9.69"	2.31	6.50
X-Over	1.66"	2.00	6.50
Drill Pipe	582.58'	3.00	4.00
X-Over	1.87"	3.00	5.25
Drill Pipe	655.40'	2.75	4.50
X-Over	1.95"	3.00	5.25
Total Length:	1373.42		

Bit Info

[illegible]

Activity Summary (6:00am - 6:00am)		
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[illegible]

24 Hour Activity Summary:

Drilled actual T/10,800'. Circulated B/U. TOOH to casing shoe. Displaced hole with 10ppg brine. Continued to TOOH. Picked up curve assembly. TIH.

24 Hour Plan Forward:

Drill/build the curve.

Safety

Last BOP Test	12/19/2013	Last BOP Drill	12/30/2013	Last Function Test	12/31/2013	Diesel Used		Diesel Recvd		Diesel on Loc	5,540
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Daily Cost Report

Well Name: UTL 22-17-1H

Report Date: 01/01/2014

Daily Cost \$34,353

Intangible Costs

Code	Description	Comments	Daily	Cum
830.010	Permits, Licenses, ect			\$1,200
830.020	Staking & Surveying			\$2,200
830.030	Road, Locations			\$285,000
830.035	Mobilization/Demobilization			\$75,000
830.040	Daywork Cost	Day rate for rig, 1/2 hr code 8	\$17,250	\$311,625
830.050	Moose/Rathole/Conduct Pipe			\$19,128
830.055	Directional Drilling & Survey		\$5,890	\$79,761
830.060	Bits, Tools, Stabilizers			\$29,243
830.065	Fuel, Power			\$62,564
830.070	Equipment Rental		\$1,755	\$44,610
830.075	Mud & Chemicals		\$4,858	\$88,041
830.080	Mud Logging	Mud Logging ; Empirica	\$1,100	\$13,200
830.090	Core Analysis			
830.095	Openhole Logging			
830.100	Cement Services			\$79,332
830.110	Casing Crew & Equipment			\$36,363
830.120	Contract Labor			\$23,776
830.160	Fishing Services			
830.165	Drill Water			\$84,947
830.175	Supervision	Cody Long , Kevin Evans	\$3,500	\$80,500
830.195	P&A/TA Costs			
840.100	Cement Services (4-1/2" Liner)			

Tangible Costs

Code	Description	Comments	Daily	Cum
850.010	Conductor Casing - 13-3/8"			
850.015	Surface Casing - 9-5/8"			\$151,217
850.120	Intermediate Casing - 7"			\$1,310
850.145	Wellhead Equipment			\$26,617
850.150	Float equipment, Centralizers & DVT			\$33,069
850.275	Tangible Contingency			
860.030	Production Casing - 4-1/2"			
860.035	Liner Hanger - 4-1/2"			
860.045	Wellhead Equipment - Completions (Tubing Spool)			
		Total Tangible		\$212,21
		Total Costs	\$34,353	\$1,538,70

Field	UT Lands Ward Co	Supervisor	Cody Long	Report No.	28
Location		Supervisor 2	Kevin Evans	DFS	21
County	Ward	Rig Phone	432-400-2215	Spud Date	12/13/2013
Rig Name	HWD 9	Rig Email	jaqed@spakenemy@outlook.com	AFE	\$3,911,137.00
KB	15	Daily Footage	658	Daily Cost	\$82,689.25
Depth (MD)	11,770	Depth (TVD)	11,373	Cum. Cost	\$1,665,471.97

Casing Data							
Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test
Surface	9-5/8	40.0	J 55	LTC	15'	4,842'	

Mud Properties		Last Survey			BHA			
Type	brine	Depth	Inc	Azi	Component	Length	ID	OD
Weight	10.2	11,665'	74.90°	250.20°	Drill Bit	1.00'	2.25	8.75
PV	36				Motor	24.69'	2.88	6.75
LP	8	Drilling Parameters			Monel Collar	30.17'	2.88	6.30
YCM	8				Sub	2.87'	2.88	6.51
LCM (ppb)					Monel Collar	61.54'	2.88	6.55
Chlorides	146,000				Sub	9.69'	2.31	6.50
% Solids	11				X-Over	1.98'	2.00	6.50
Daily Losses					Drill Pipe	582.58'	3.00	4.00
Total Losses					X-Over	1.87'	3.00	5.25
					Drill Pipe	655.40'	2.75	4.50
					X-Over	1.95'	3.00	5.25
					Total Length:	1373.42'		

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24 Hour Activity Summary:
Build curve F/10,800° T/ 11,770° WATER HAULED TO FRAC PIT = 3000 bbls, WATER METER READING @ 06:00 = 3529

24 Hour Plan Forward:
TD Curve. Condition hole. TOOH & prepare to run logs.

Safety					Fuel						
Last BOP Test	12/19/2013	Last BOP Drill	12/30/2013	Last Function Test	12/31/2013	Diesel Used	1,485	Diesel Recvd		Diesel on Loc	2,855

Intangible Costs				
Code	Description	Comments	Daily	Cum
830.010	Permits, Licenses, ect			\$1,200
830.020	Staking & Surveying			\$2,200
830.030	Road, Locations			\$285,000
830.035	Mobilization/Demobilization			\$75,000
830.040	Daywork Contract	Day rate for rig	\$18,000	\$347,250
830.050	Measure/Raise/Conduct Pipe			\$18,128
830.055	Directional Drilling & Survey		\$8,440	\$94,091
830.060	Bits, Tools, Stabilizers			\$29,243
830.065	Fuel, Power		\$23,712	\$86,276
830.070	Equipment Rental		\$1,510	\$53,162
830.075	Mud & Chemicals		\$25,140	\$132,104
830.080	Mud Logging	Mud Logging - Empirica	\$1,100	\$15,400
830.090	Core Analysis			
830.095	Overhole Logging			
830.100	Cement Services			\$79,332
830.110	Casing Crew & Equipment			\$36,363
830.120	Contract Labor		\$1,287	\$25,063
830.160	Fishing Services			
830.165	Drill Water			\$84,947
830.175	Supervision	Cody Long , Kevin Evans	\$3,500	\$87,500
830.195	P&A/TA Costs			
840.100	Cement Services (4-1/2" Liner)			
Total Intangible			\$52,688	\$1,453,259

Tangible Costs			Total Tangible		\$7,906,853
Code	Description	Comments	Daily	Cum	
850.010	Conductor Casing - 13-3/8"				
850.015	Surface Casing - 9-5/8"				\$151,217
850.120	Intermediate Casing - 7"				\$1,310
850.145	Wellhead Equipment				\$26,617
850.150	Float equipment, Centralizers & DVT				\$33,069
850.275	Tangible Contingency				
860.030	Production Casing - 4-1/2"				
860.035	Liner Hanger - 4-1/2"				
860.045	Wellhead Equipment - Completions (Tubing Spool)				
			Total Tangible		\$212,203
			Total Costs	\$82,688	\$1,665

Field	UT Lands Ward Co	Supervisor	Cody Long	Report No.	29
Location		Supervisor 2	Kevin Ewins	DFS	27
County	Ward	Rig Phone	432-400-2215	Spud Date	12/13/2013
Rig Name	MWD-9	Rig Email	jaag@peakenergy@outlook.com	AFE	\$3,011,137.00
KB	15	Daily Footage	27	Daily Cost	\$77,740.71
Depth (MD)	11,797	Depth (TVD)	11,375	Cum Cost	\$1,750,340.24

Casing Data							
Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test
Surface	9-5/8	40.0	J 55	LTC	15'	4,842'	

Mud Properties		Last Survey			BHA				
Type	brine	Depth	Inc	Azi	Component	Length	ID	OD	
Weight	10.1	11.784'	91.50°	248.00°	Drill Bit	1.00'	2.25	8.75	
FV	35				Motor	24.69'	2.25	8.75	
PV	9				Monel Collar	30.17'	2.88	6.30	
YP	15				Sub	2.87'	2.88	6.51	
LCM (ppb)		Max WOB	35		Monel Collar	61.54'	2.88	6.55	
Chlorides	1320000	Max RPM	30		Sub	9.69'	2.31	6.50	
% Solids	10	Max Torque			X-Sub	1.66'	2.00	6.50	
Daily Losses		Max Pull	255		Drill Pipe	882.98'	3.00	4.60	
Total Losses		Bkgnd Gas	97		X-Sub	1.87'	3.00	5.25	
		Max Gas	183		Drill Pipe	655.40'	2.75	4.50	
		Cnx Gas	130		X-Sub	1.95'	3.00	5.25	
		Trip Gas							
					Total Length:	1373.43'			

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24 Hour Activity Summary:
 Drilled curve to 11797'.Circulated. Short tripped to shoe. Pumped sweep. Spotted high density/high visc. pill. TOOH. WATER HAULED IN: = 1680 bbls , WATER METER: 3950

24 Hour Plan Forward:
Rig up wire line and log

Safety						Fuel					
Last BOP Test	12/19/2013	Last BOP Drill	12/30/2013	Last Function Test	12/31/2013	Diesel Used		Diesel Recvd		Diesel on Loc	2,855

Daily Cost Report

Well Name: UTL 22-17-1H

Report Date: 01/04/2014

Daily Cost \$77,741

Intangible Costs				
Code	Description	Comments	Daily	Cum
830.010	Permits, Licenses, ect			\$1,200
830.020	Staking & Surveying			\$2,200
830.030	Road, Locations			\$285,000
830.035	Mobilization/Demobilization			\$75,000
830.040	Daywork Contract	Day rate for rig	\$18,000	\$365,250
830.050	Mouse/Rathole/Conduct Pipe			\$19,128
830.055	Directional Drilling & Survey		\$8,440	\$102,531
830.060	Bits, Tools, Stabilizers		\$35,162	\$64,405
830.065	Fuel, Power			\$86,276
830.070	Equipment Rental		\$1,510	\$30,885
830.075	Mud & Chemicals		\$7,897	\$140,000
830.080	Mud Logging	Mud Logging - Empirica	\$1,100	\$16,500
830.090	Core Analysis			
830.095	Openhole Logging			
830.100	Cement Services			\$79,332
830.110	Casing Crew & Equipment			\$36,363
830.120	Contract Labor		\$2,132	\$27,195
830.160	Fishing Services			
830.165	Drill Water			\$84,947
830.175	Supervision	Cody Long, Kevin Evans	\$3,500	\$91,000
830.195	P&A/TA Costs			
840.100	Cement Services (4-1/2" Liner)			
Total Intangible			\$77,741	\$1,536,192

Tangible Costs				
Code	Description	Comments	Daily	Cum
850.010	Conductor Casing - 13-3/8"			
850.015	Surface Casing - 9-5/8"			\$151,217
850.120	Intermediate Casing - 7"			\$1,310
850.145	Wellhead Equipment			\$17,753
850.150	Float equipment, Centralizers & DVT			\$33,069
850.275	Tangible Contingency			
860.030	Production Casing - 4-1/2"			
860.035	Liner Hanger - 4-1/2"			
860.045	Wellhead Equipment - Completions (Tubing Spool)			\$10,799
Total Tangible				\$214,141
Total Costs			\$77,741	\$1,750,343

Field	UT Lands Ward Co	Supervisor	Cody Long	Report No.	30
Location		Supervisor 2	Kevin Evans	DFS	23
County	Ward	Rig Phone	432-400-2215	Spud Date	12/13/2013
Rig Name	HWD 9	Rig Email	ajagedpeakenergy@outlook.com	AFE	\$3,911,137.00
KB	15	Daily Footage		Daily Cost	\$388,216.35
Depth (MD)	11,797	Depth (TVD)	11,375	Cum. Cost	\$2,138,556.59

Casing Data

Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test
Surface	9-5/8	40.0	J 55	LTC	15'	4,842'	

Mud Properties

Type	brine
Weight	10.1
FV	36
PV	10
YP	12
LCM (ppb)	
Chlorides	128000
% Solids	11
Daily Losses	
Total Losses	

Last Survey

Depth	Inc	Azi

Drilling Parameters

Max WOB	
Max RPM	
Max Torque	7800
Max Pull	
Bkgrnd Gas	20
Max Gas	40
Cnx Gas	
Trip Gas	

BHA

[illegible]

Bit Info

[illegible]

Activity Summary (6:00am - 6:00am)

[illegible]

24 Hour Activity Summary:

Rigged up wireline. Logged well via Schlumberger. Rigged down wireline. Rigged up casing crew, and run 7" casing.

24 Hour Plan Forward:

TIH with 7" casing.

Safety						Fuel					
Last BOP Test	12/19/2013	Last BOP Drill	12/30/2013	Last Function Test	12/31/2013	Diesel Used		Diesel Recvd		Diesel on Loc	2,855

Intangible Costs

Code	Description	Comments	Daily	Cum
830.010	Permits, Licenses, ect			\$1,200
830.020	Staking & Surveying			\$2,200
830.030	Road, Locations			\$285,000
830.035	Mobilization/Demobilization			\$75,000
830.040	Daywork Contract	Day rate for rig, 1/2 hr downtime	\$17,625	\$382,875
830.050	Mouse/Rathole/Conduct Pipe			\$19,125
830.055	Directional Drilling & Survey		\$7,140	\$109,671
830.060	Bits, Tools, Stabilizers			\$64,405
830.065	Fuel, Power			\$86,276
830.070	Equipment Rental		\$1,510	\$61,375
830.075	Mud & Chemicals		\$2,193	\$142,193
830.080	Mud Logging	Mud Logging - Empirica	\$1,109	\$17,600
830.090	Cone Analysis			
830.095	Openhole Logging		\$40,535	\$40,535
830.100	Cement Services			\$79,332
830.110	Casing Crew & Equipment			\$36,363
830.120	Contract Labor			\$27,195
830.160	Fishing Services			
830.165	Drill Water			\$84,947
830.175	Supervision	Cody Long , Kevin Evans	\$3,500	\$94,500
830.195	P&A/TA Costs			
840.100	Cement Services (4-1/2" Liner)			

Tangible Costs

Code	Description	Tangible Costs	Comments	Daily	Cum
850.010	Conductor Casing - 13-3/8"				
850.015	Surface Casing - 9-5/8"				\$151,217
850.120	Intermediate Casing - 7"	11,714' of 7" 29K P110 LTC Casing (272 Joints)		\$303,978	\$305,288
850.145	Wellhead Equipment				\$17,753
850.150	Float equipment, Centralizers & DVT	7" Shoe, Float, DV Tool, Cement Baskets		\$10,635	\$43,704
850.275	Tangible Contingency				
860.030	Production Casing - 4-1/2"				
860.035	Liner Hanger - 4-1/2"				
860.045	Wellhead Equipment - Completions (Tubing Spool)				\$10,799
			Total Tangible	\$314,613	\$528,766
			Total Costs	\$388,218	\$2,138,558

Field	UT Lands Ward Co	Supervisor	Cody Long	Report No.	31
Location		Supervisor 2	Kevin Evans	DFS	24
County	Ward	Rig Phone	432-400-2215	Spd Date	12/13/2013
Rig Name	HWD 9	Rig Email	ajagge@peakenergy@outlook.com	APE	\$3,911,137.00
KB	15	Daily Footage		Daily Cost	\$108,422.14
Depth (MD)	11,797	Depth (TVD)	11,375	Cum. Cost	\$2,246,978.73

Casing Data							
Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test
Surface	9-5/8	40.0	J 55	LTC	15'	4.842'	
Intermediate	7	29.0	P 110	LTC	15'	11.767'	

[illegible][illegible][illegible]

24 Hour Activity Summary:
Run 7" casing to a landing depth of 11767', cement 7" casing, 15 bbls of cement back to surface. install packoff and wear bushing, make up bha, WATER HAULED TO FRAC PIT= 5200 bbls.

24 Hour Plan Forward:
Trip in hole with 6" Lateral Assembly, Drill out cement, plugs and shoe track, drill 6" lateral

Safety						Fuel					
Last BOP Test	12/19/2013	Last BOP Drill	12/30/2013	Last Function Test	12/31/2013	Diesel Used	900	Diesel Recvd		Diesel on Loc	1,955

Intangible Costs				
Code	Description	Comments	Daily	Cum
830.010	Permits, Licenses, ect			\$1,200
830.020	Staking & Surveying			\$2,200
830.030	Road, Locations			\$285,000
830.035	Mobilization/Demobilization			\$75,000
830.040	Daywork Contract	Day rate for rig, 2 1/2 hr downtime	\$16,500	\$399,375
830.050	Mouse/Rathole/Conduct Pipe			\$19,128
830.055	Directional Drilling & Survey			\$109,671
830.060	Bite, Tools, Stabilizers		\$800	\$65,205
830.065	Fuel, Power			\$96,278
830.070	Equipment Rental		\$2,810	\$64,185
830.075	Mud & Chemicals		\$1,250	\$143,443
830.080	Mud Logging	Mud Logging - Empirica	\$1,100	\$18,700
830.090	Core Analysis			
830.095	Openhole Logging			\$40,535
830.100	Cement Services		\$42,345	\$121,677
830.110	Casing Crew & Equipment		\$33,486	\$69,849
830.120	Contract Labor		\$6,291	\$33,487
830.160	Fishing Services			
830.165	Drill Water		\$340	\$85,287
830.175	Supervision	Cody Long, Kevin Evans	\$3,500	\$98,000
830.195	P&A/TA Costs			
840.100	Cement Services (4-1/2" Liner)			
Total Intangible			\$108,422	\$1,718,217
Tangible Costs				
Code	Description	Comments	Daily	Cum
850.010	Conductor Casing - 13-3/8"			
850.015	Surface Casing - 9-5/8"			\$151,217
850.120	Intermediate Casing - 7"			\$305,288
850.145	Wellhead Equipment			\$17,753
850.150	Float equipment, Centralizers & DVT			\$43,704
850.275	Tangible Contingency			
860.030	Production Casing - 4-1/2"			
860.035	Liner Hanger - 4-1/2"			
860.045	Wellhead Equipment - Completions (Tubing Spool)			\$10,799
Total Tangible				\$526,768
Total Costs			\$108,422	\$2,246,977

Field	UT Lands Ward Co	Supervisor	Cody Long	Report No.	32
Location		Supervisor 2	Kevin Evans	DFS	25
County	Ward	Rig Phone	432-400-2215	Spud Date	12/13/2013
Rig Name	HWD 9	Rig Email	ajagedpeakenergy@outlook.com	AFE	\$3,911,137.00
KB	15	Depth Footage		Daily Cost	\$52,085.76
Depth (MD)	11,797	Depth (TVD)	11,375	Cum. Cost	\$2,320,404.19

Casing Data

Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test
Surface	9-5/8	40.0	J 55	LTC	15"	4.842"	
Intermediate	7	29.0	P 110	LTC	16"	11.767"	

Mud Properties

Type	Fresh Water
Weight	10.2
FV	37
PV	9
YP	7
LCM (ppb)	
Chlorides	18000
% Solids	7
Daily Losses	
Total Losses	

Last Survey

Depth	Inc	Azi
11,831'	92.80°	247.00°

Drilling Parameters

Max WOB	
Max RPM	
Max Torque	
Max Pull	
Bkgrnd Gas	84
Max Gas	269
Cnx Gas	197
Trip Gas	298

BHA

Component	Length	ID	OD
Drill Bit	0.60'	2.00	6.13
Motor	28.61'	2.25	5.00
Monel Collar	31.10'	2.58	4.80
Sub	2.54'	2.50	5.02
Monel Collar	61.93'	2.50	4.80
Monel Collar	10.15'	2.50	5.25
X-Over	3.60'	2.50	5.25

Total Length:

Bit Info

[illegible]

Activity Summary (6:00am - 6:00am)

[illegible]

24 Hour Activity Summary:

P/U BHA, TIH, Drilled out D.V. tool, Continued to TIH. Drilled cement F/11612' - T/11721'. Drilled plug, shoe track, and shoe @ 11768' - T/11797'. Drilled lateral F/11797 - T/11950'. WATER HAULED TO FRAC PIT= 4300 BBLS , WATER WELL SHUT IN

24 Hour Plan Forward:

Continue to drill lateral section via. directional driller.

Safety

Last BOP Test	12/19/2013	Last BOP Drill	12/30/2013	Last Function Test	12/31/2013	Diesel Used	1,400	Diesel Recvd		Diesel on Loc	555
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Daily Cost Report

Well Name: UTL 22-17-1H

Report Date: 01/07/2014

Daily Cost \$52,086

Intangible Costs

Code	Description	Comments	Daily	Cum
830.010	Permits, Licenses, ect			\$1,200
830.020	Staking & Surveying			\$2,200
830.030	Road, Locations			\$285,000
830.035	Mobilization/Demobilization			\$75,000
830.040	Daywork Contract	Day rate for rig	\$18,000	\$415,875
830.050	Mouse/Rathole/Conduct Pipe			\$19,128
830.055	Directional Drilling & Survey		\$7,140	\$118,811
830.060	Bits, Tools, Stabilizers		\$9,830	\$75,035
830.065	Fuel, Power			\$86,276
830.070	Equipment Rental		\$3,190	\$67,375
830.075	Mud & Chemicals		\$9,325	\$152,768
830.080	Mud Logging	Mud Logging : Empirica	\$1,100	\$19,800
830.090	Core Analysis			
830.095	Openhole Logging			\$40,535
830.100	Cement Services			\$121,677
830.110	Casing Crew & Equipment			\$69,849
830.120	Contract Labor			\$33,487
830.160	Fishing Services			
830.165	Drill Water			\$85,287
830.175	Supervision	Cody Long , Kevin Evans	\$3,500	\$101,500
830.195	PIA/ITA Costs			
840.100	Cement Services (4-1/2" Liner)			
Total Intangible			\$52,086	\$1,768,803

Tangible Costs

Code	Description	Comments	Daily	Cum
850.010	Conductor Casing - 13-3/8"			
850.015	Surface Casing - 9-5/8"			\$151,217
850.120	Intermediate Casing - 7"			\$328,128
850.145	Wellhead Equipment			\$17,753
850.150	Float equipment, Centralizers & DVT			\$43,704
850.275	Tangible Contingency			
860.030	Production Casing - 4-1/2"			
860.035	Liner Hanger - 4-1/2"			
860.045	Wellhead Equipment - Completions (Tubing Spool)			\$10,799
		Total Tangible		\$551,606
		Total Costs	\$52,086	\$2,320,461

Field	UT Lands Ward Co	Supervisor	Chad Surber	Report No.	35
Location		Supervisor 2	Kevin Evans	DFS	28
County	Ward	Rig Phone	432-400-2215	Spd Date	12/13/2013
Rig Name	HWD 9	Rig Email	ajped@peakenergy@outlook.com	AFE	\$3,911,137.00
KB	15	Daily Footage		Daily Cost	\$67,652.23
Depth (MD)	13,320	Depth (TVD)	11,352	Cum. Cost	\$2,570,882.07

Casing Data							
Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test
Surface	9-5/8	40.0	J 55	LTC	15'	4,842'	
Intermediate	7	29.0	P 110	LTC	16'	11,767'	

Mud Properties	
Type	Fresh Water
Weight	11.5
PV	30
YP	18
LCM (ppb)	
Chlorides	18000
% Solids	14
Daily Losses	
Total Losses	

Last Survey		
Depth	Inc	Azi
13.594*	89.30°	253.80°

Drilling Parameters	
Max WOB	35
Max RPM	60
Max Torque	11000
Max Pull	210
Bkwd Gas	389
Min Gas	1416
Cnx Gas	1126
Trip Gas	

BHA			
Component	Length	ID	OD
Drill Bit	0.60'	2.00	6.13
Motor	28.61'	2.25	5.00
Monel Collar	31.10'	2.58	4.80
Sub	2.54'	2.50	5.02
Monel Collar	61.93'	2.50	4.80
Monel Collar	10.15'	2.50	5.25
X-Over	3.80'	2.50	5.25
Total Length:	138.53		

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24 Hour Activity Summary:
Drilled lateral to 13630' hole became sticky. Worked pipe while weighting system up to 11.5 ppg. Water delivered to frac pit - 3340bbls

24 Hour Plan Forward:
Continue to drill lateral section.

Safety						Fuel					
Last BOP Test	12/19/2013	Last BOP Drill	12/30/2013	Last Function Test	12/31/2013	Diesel Used	1,350	Diesel Recvd		Diesel on Loc	-3,595

Intangible Costs				
Code	Description	Comments	Daily	Cum
830.010	Permits, Licenses, ect			\$1,200
830.020	Staking & Surveying			\$2,200
830.030	Road, Locations			\$285,000
830.035	Mobilization/Demobilization			\$75,000
830.040	Daywork Contract	Day rate for rig	\$18,000	\$469,875
830.050	Mouse/Rathole/Conduct Pipe			\$19,128
830.055	Directional Drilling & Survey		\$7,140	\$189,081
830.060	Bits, Tools, Stabilizers			\$75,035
830.065	Fuel, Power			\$109,457
830.070	Equipment Rental		\$2,476	\$76,642
830.075	Mud & Chemicals		\$35,436	\$228,729
830.080	Mud Logging	Mud Logging - Empirica	\$1,100	\$23,100
830.090	Core Analysis			
830.095	Openhole Logging			\$40,535
830.100	Cement Services			\$121,677
830.110	Casing Crew & Equipment			\$69,849
830.120	Contract Labor			\$33,487
830.160	Fracking Services			
830.165	Drill Water			\$85,287
830.175	Supervision	Kevin Evans , Chad Surber	\$3,500	\$116,000
830.195	P&A/TA Costs			
840.030	Roads & Locations			
840.100	Cement Services (4-1/2" Liner)			
840.120	Contract Labor			
840.165	Complete Fluid-Fresh Wtr			
Total Intangible			\$67,652	\$2,019,281
Tangible Costs				
Code	Description	Comments	Daily	Cum
850.010	Conductor Casing - 13-3/8"			
850.015	Surface Casing - 9-5/8"			\$151,217
850.120	Intermediate Casing - 7"			\$328,128
850.145	Wellhead Equipment			\$17,753
850.150	Float equipment, Centralizers & DVT			\$43,704
850.275	Tangible Contingency			
860.030	Production Casing - 4-1/2"			
860.035	Liner Hanger - 4-1/2"			
860.045	Wellhead Equipment - Completions (Tubing Spool)			\$10,799
Total Tangible				\$551,60
Total Costs			\$67,652	\$2,570,88

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Field	UT Lands Ward Co	Supervisor	Chad Surber	Report No.	37
Location		Supervisor 2	Kevin Evans	DFS	30
County	Ward	Rig Phone	432-400-2215	Spud Date	12/13/2013
Rig Name	HWD 9	Rig Email	jaaredpeakenergy@outlook.com	AFE	\$3,911,137.00
KB	15	Daily Footage		Daily Cost	\$41,793.62
Depth (MD)	13,804	Depth (FT)	11,379	Cum. Cost	\$2,776,507.14

Casing Data							
Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test
Surface	9-5/8	40.0	J 55	LTC	15'	4,842'	
Intermediate	7	29.0	P 110	LTC	16'	11,767'	

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24 Hour Activity Summary:
Finished testing BOP. Worked on top drive. Cleaned and jetted pits. TIH. Water delivered to frac pit 3,240 bbls / water from off site well 25 bbls.

24 Hour Plan Forward:
Continue to drill lateral section.

Safety					Fuel						
Last BOP Test	01/11/2014	Last BOP Drill	12/30/2013	Last Function Test	12/31/2013	Diesel Used	1,200	Diesel Recvd		Diesel on Loc	-6,195

			Intangible Costs			
Code	Description		Comments	Daily	Cum	
830.010	Permits, Licenses, ect				\$1,200	
830.020	Staking & Surveying				\$2,200	
830.030	Road, Locations				\$120,000	
830.035	Mobilization/Demobilization				\$75,000	
830.040	Daywork Contract	Day rate for rig, 1 hr code 8 to work on top drive		\$17,250	\$505,125	
830.050	Mouse/Rathole/Conduct Pipe				\$19,128	
830.055	Directional Drilling & Survey	Payzone directional		\$7,140	\$219,029	
830.060	Bbs, Tools, Stabilizers				\$62,296	
830.065	Fuel, Power				\$109,457	
830.070	Equipment Rental			\$1,510	\$81,092	
830.075	Mud & Chemicals			\$1,250	\$231,017	
830.080	Mud Logging	Mud Logging, : Empirica		\$1,100	\$25,300	
830.090	Core Analysis					
830.095	Openhole Logging				\$40,535	
830.100	Cement Services				\$121,677	
830.110	Casing Crew & Equipment				\$69,849	
830.120	Contract Labor			\$3,024	\$36,510	
830.160	Fishing Services					
830.165	Drill Water				\$85,287	
830.175	Supervision	Kevin Evans , Chad Surber		\$3,500	\$123,000	
830.195	P&A/TA Costs					
840.030	Roads & Locations				\$185,000	
840.100	Cement Services (4-1/2" Liner)					
840.120	Contract Labor					
840.165	Complete Fluid-Fresh Wtr	Water Delivered to Frac Pit		\$7,020	\$132,204	
Total Intangible				\$34,774	\$2,092,702	
Code	Description		Comments	Daily	Cum	
850.010	Conductor Casing - 13-3/8"					
850.015	Surface Casing - 9-5/8"				\$151,217	
850.120	Intermediate Casing - 7"				\$328,128	
850.145	Wellhead Equipment				\$17,753	
850.150	Float equipment, Centralizers & DVT				\$43,704	
850.275	Tangible Contingency					
860.030	Production Casing - 4-1/2"					
860.035	Liner Hanger - 4-1/2"					
860.045	Wellhead Equipment - Completions (Tubing Spool)				\$10,799	
Total Tangible					\$551,638	
Total Costs				\$34,774	\$2,644,340	

Field	UT Lands Ward Co	Supervisor	Chad Surber	Report No.	32
Location		Supervisor 2	Kevin Evans	DFS	39
County	Ward	Rig Phone	432-402-2215	Spud Date	12/13/2013
Rig Name	HWD 9	Rig Email	jojo@peakenergy@outlook.com	A/E	\$131,137.00
KB	15	Daily Footage	732	Daily Cost	\$71,549.60
Depth (MD)	14,536	Depth (TVD)	11,375	Cum. Cost	\$2,951,624.59
Estimated TD	16,122	Estimated TVD	11,371		

Casing Data							
Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test
Surface	9-5/8	40.0	J55	LTC	15'	4,842'	
Intermediate	7	29.0	P 110	LTC	16'	11,767'	

Mud Properties	
Type	Fresh Water
Weight	13.5
FV	45
PV	29
YP	26
LCM (ppb)	
Chlorides	19000
% Solids	20
Daily Losses	
Total Losses	

Depth	Inc	Azi
14,431'	88.50°	246.90°

Drilling Parameters	
Max WOB	35
Max RPM	65
Max Torque	10000
Max Pull	215
Bkgrnd Gas	550
Max Gas	3768
Cnx Gas	1538
Trip Gas	

BHA	Component	Length	ID	OD
	Drill Bit	0.07	2.00	6.13
	Motor	28.72	2.00	5.00
	Monel Collar	10.15	2.69	4.75
	Sub	2.54	2.50	5.02
	Monel Collar	30.82	2.63	4.75
	Monel Collar	31.11	2.63	4.80
	Monel Collar	31.10	2.63	4.80
	X-Over	3.80	2.50	5.25
	Total Length:	139.04		

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24 Hour Activity Summary:
Rot/Sld F/13762' - T/14538'. Water Delivered to frac pit 2880 bbls/ water delivered from off-site water well - 31.5 bbls.

24 Hour Plan Forward:
Continue to drill lateral section.

Safety					Fuel						
Last BOP Test	01/11/2014	Last BOP Drill	12/30/2013	Last Function Test	12/31/2013	Diesel Used		Diesel Rcvd		Diesel on Loc	-7.495

Intangible Costs				
Code	Description	Comments	Daily	Cum
830.010	Permits, Licenses, ect			\$1,200
830.020	Staking & Surveying			\$2,200
830.030	Road, Locations			\$120,000
830.035	Mobilization/Demobilization			\$75,000
830.040	Daywork Contract	Day rate for rig	\$18,000	\$540,375
830.050	Mouset/Rathole/Conduct Pipe			\$19,128
830.055	Directional Drilling & Survey	Payzone directional	\$7,140	\$239,309
830.060	Bbs, Tools, Shallowers			\$62,296
830.065	Fuel, Power			\$109,457
830.070	Equipment Rental		\$7,660	\$90,262
830.075	Mud & Chemicals		\$27,810	\$288,394
830.080	Mud Logging	Mud Logging - Empirica	\$1,100	\$27,500
830.090	Core Analysis			
830.095	Openhole Logging			\$40,535
830.100	Cement Services			\$121,677
830.110	Casing Crew & Equipment			\$69,849
830.120	Contract Labor			\$36,510
830.160	Fishing Services			
830.165	Drill Water			\$85,287
830.175	Supervision	Kevin Evans , Chad Surber	\$3,500	\$130,000
830.195	P&A/TA Costs			
840.030	Roads & Locations			\$165,000
840.100	Cement Services (4-1/2" Liner)			
840.120	Contract Labor			
840.165	Complete Fluid-Fresh Wtr	Water hauled to frac pit	\$6,340	\$182,044
		Total Intangible	\$65,210	\$2,217,979

Tangible Costs				
Code	Description	Comments	Daily	Cum
850.010	Conductor Casing - 13-3/8"			
850.015	Surface Casing - 9-5/8"			\$151,217
850.120	Intermediate Casing - 7"			\$328,128
850.145	Wellhead Equipment			\$17,753
850.150	Float equipment, Centralizers & DVT			\$43,704
850.275	Tangible Contingency			
860.030	Production Casing - 4-1/2"			
860.035	Liner Hanger - 4-1/2"			
860.045	Wellhead Equipment - Completions (Tubing Spoil)			\$10,799
		Total Tangible		\$551,601
		Total Costs	\$65,210	\$2,769,580

Field	UT Lands Ward Co	Supervisor	Chad Surber	Report No.	33
Location		Supervisor 2	Tate Edeler	DFS	40
County	Ward	Rig Phone	432-402-2215	Spud Date	12/13/2013
Rig Name	HWDC 9	Rig Email	jasong@peakenergy@outlook.com	AFE	\$131,137.00
KB	15	Daily Footage	306	Daily Cost	\$82,040.95
Depth (MD)	14.842	Depth (TVD)	11.375	Cum. Cost	\$3,041,193.36
Estimated TD	16.122	Estimated TVD	11.371		

Casing Data							
Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test
Surface	9-5/8	40.0	J 55	LTC	15'	4,942'	
Intermediate	7	29.0	P 110	LTC	16'	11,767'	

Mud Properties	
Type	Fresh Water
Weight	13.5
FV	50
PV	27
YP	26
LCM (ppb)	
Chlorides	18500
% Solids	20.7
Daily Losses	
Total Losses	

Depth	Inc	Azi
14,733'	90.20°	250.90°

Drilling Parameters	
Max WOB	35
Max RPM	50
Max Torque	11000
Max Pull	
Bkgrnd Gas	1505
Max Gas	1505
Cnx Gas	1413
Trip Gas	

BHA	Component	Length	ID	OD
	Drill Bit	1'00"	2.00	6.13
	Motor	28'72"	2.00	5.00
	Monel Collar	10'05"	2.69	4.75
	Sub	2'54"	2.50	5.02
	Monel Collar	30'82"	2.63	4.75
	Monel Collar	31'11"	2.63	4.80
	Monel Collar	31'10"	2.63	4.80
	X-Over	3'60"	2.50	5.25
	Total Length:	139.04		

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24 Hour Activity Summary:

Drill ahead in lateral to TD of 16000 ft. Rig repairs and cleanup. Water Delivered to frac pit 14615 bbls/ water delivered from off-site water well - 18 bbls

24 Hour Plan Forward:

24 Hour Plan Forward:
Drill ahead in lateral to TD of 16000 ft.

Safety					Fuel						
Last BOP Test	01/11/2014	Last BOP Drill	12/30/2013	Last Function Test	12/31/2013	Diesel Used		Diesel Recvd		Diesel on Loc	-7.495

Intangible Costs				
Code	Description	Comments	Daily	Cum
830.010	Permits, Licenses, ect			\$1,200
830.020	Staking & Surveying			\$2,200
830.030	Road, Locations			\$120,000
830.035	Mobilization/Demobilization			\$75,000
830.040	Daywork Contract	Day rate for rig	\$18,000	\$558,375
830.050	Mouset/Rathole/Conduct Pipe			\$19,128
830.055	Directional Drilling & Survey	Playzone directional	\$7,140	\$240,449
830.060	Bits, Tools, Stabilizers			\$62,296
830.065	Fuel, Power			\$109,457
830.070	Equipment Rental		\$1,510	\$91,959
830.075	Mud & Chemicals		\$14,020	\$302,414
830.080	Mud Logging	Mud Logging - Empirica	\$1,100	\$28,600
830.090	Core Analysis			
830.095	Openhole Logging			\$40,535
830.100	Cement Services			\$121,677
830.110	Casing Cowl & Equipment			\$69,849
830.120	Contract Labor			\$37,783
830.130	Fishing Services			
830.165	Drill Water			\$91,376
830.175	Supervision	Kevin Evans, Chad Surber, Tate Edsler	\$5,000	\$135,000
830.195	P&A/TA Costs			
840.030	Roads & Locations			\$165,000
840.100	Cement Services (4-1/2" Liner)			
840.120	Contract Labor			
840.165	Complete Fluid-Fresh Wtr		\$35,271	\$217,316
		Total Intangible	\$46,770	\$2,212,217

Tangible Costs					
Code	Description	Comments	Daily	Cum	
850.010	Conductor Casing - 13-3/8"				
850.015	Surface Casing - 9-5/8"			\$151,217	
850.120	Intermediate Casing - 7"			\$328,128	
850.145	Wellhead Equipment			\$17,753	
850.150	Facil equipment, Centralizers & DVT			\$43,704	
850.275	Tangible Contingency				
860.030	Production Casing - 4-1/2"				
860.035	Liner Hanger - 4-1/2"				
860.045	Wellhead Equipment - Completions (Tubing Spool)			\$10,799	
Total Tangible				\$551,601	
Total Cost			\$46,770	\$3,823,370	

Field	UT Lands Ward Co	Supervisor	Chad Surber	Report No.	41
Location		Supervisor 2	Tate Edeler	DFS	34
County	Ward	Ris Phone	432-400-2215	Spd Date	12/13/2013
Ris Name	HWD 9	Ris Email	jaggedpeakenergy@outlook.com	AFE	\$3,911,137.00
KG	15	Daily Footage	99	Daily Cost	\$1,727.87
Depth (MD)	14.911	Depth (TVD)	11.375	Cum. Cost	\$2,750,605.78
Estimated TD	16.122	Estimated TVD	11.371		

Casing Data							
Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test
Surface	9-5/8	40.0	J 55	LTC	15'	4,842	
Intermediate	7	29.0	P 110	LTC	16'	11,767	

Mud Properties	
Type	Fresh Water
Weight	14
FV	58
PV	35
YP	30
LCM (ppb)	
Chlorides	19000
% Solids	22.5
Daily Losses	
Total Losses	

Depth	Inc	Azi
14 819'	90 60°	251 30°

Drilling Parameters	
Max WOB	25
Max RPM	55
Max Torque	12000
Max Pull	210000
Bkgrnd Gas	586
Max Gas	1706
Cnx Gas	1332
Trin Gas	

BHA				
	Component	Length	ID	OD
	Drill Bit	1.00'	2.00	6.13
	Motor	28.72'	2.00	5.00
	Monel Collar	10.15'	2.69	4.75
	Sub	2.54'	2.50	5.02
	Monel Collar	30.82'	2.63	4.75
	Monel Collar	31.11'	2.63	4.80
	Monel Collar	31.10'	2.63	4.80
	X-Over	3.60'	2.50	5.25
	Total Length:	139.04		

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24 Hour Activity Summary:
Drillhead T/ 14911ft and POOH for bit&motor / Water Delivered 1680 bbls / Water well 575 bbls

24 Hour Plan Forward:
Drill ahead to TD of 16000 ft. Cleanup and rig maintenance.

Safety						Fuel					
Last BOP Test	01/11/2014	Last BOP Drill	01/15/2014	Last Function Test	1/16/2014	Diesel Used	680	Diesel Recvd	4,999	Diesel on Loc	3,176

Daily Cost Report

Well Name: UTL 22-17-1H

Report Date: 01/16/2014

Daily Cost \$71,728

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Tangible Costs			Total Intangible	\$71,728	\$67,905
Code	Description	Comments	Daily		Cum
850.010	Conductor Casing - 13-3/8"				
850.015	Surface Casing - 9-5/8"				\$151,217
850.120	Intermediate Casing - 7"				\$328,128
850.145	Wellhead Equipment				\$17,753
850.150	Floot equipment, Centralizers & DVT				\$43,704
850.275	Tangible Contingency				
860.030	Production Casing - 4-1/2"				
860.035	Liner Hanger - 4-1/2"				
860.045	Wellhead Equipment - Completions (Tubing Spool)				\$10,799
Total Tangible					\$551,616
Total Costs				\$71,728	\$67,905

Field	UT Lands Ward Co	Supervisor	Chad Surber	Report No.	43
Location		Supervisor 2	Tate Edeler	DPS	36
County	Ward	Rip Phone	432-400-2125	Spud Date	12/13/2013
Rip Name	HWYO 9	Rip Email	jared@peakenergy@outlook.com	AFE	\$3,811,137.00
KB	15	Daily Footage	80	Daily Cost	\$3,250.00
Depth (MD)	15.169	Depth (TVD)	11.374	Cum. Cost	\$2,810,061.49
Estimated TD	16.122	Estimated TVD	11.371		

Casing Data							
Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test
Surface	9-5/8	40.0	J 55	LTC	15'	4,942'	
Intermediate	7	29.0	P 110	LTC	16'	11,767'	

Mud Properties	
Type	Fresh Water
Weight	14.1
FV	50
PV	32
YP	28
LCM (ppb)	
Chlorides	19000
% Solids	24.6
Daily Losses	
Total Losses	

Depth	Inc	Azi
15,074'	92.20°	249.90°

Drilling Parameters	
Max WOB	30
Max RPM	55
Max Torque	15000
Max Pull	250000
Bkgrnd Gas	1245
Max Gas	1245
Cnx Gas	1412
Trip Gas	

BHA			
Component	Length	ID	OD
Drill Bit	1.00'	2.00	6.13
Motor	26.37'	2.00	4.81
Sub	1.89'	2.50	4.75
Monol Collar	10.15'	2.69	4.75
Sub	2.54'	2.50	5.02
Monol Collar	30.82'	2.63	4.75
Sub	31.11'	2.63	4.80
Monol Collar	31.10'	2.63	4.80
X-Over	3.60'	2.50	5.25
Total Length:	138.58		

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24 Hour Activity Summary:
 Drilled to T/15169 and TOOH for bit and motor. / Water well 617 bbls

24 Hour Plan Forward:
TOOH for bit and motor. TIH and drillahead to TD around 16100 ft.

Safety					Fuel						
Last BOP Test	01/11/2014	Last BOP Drill	01/15/2014	Last Function Test	1/16/2014	Diesel Used	914	Diesel Recvd		Diesel on Loc	-4.090

Tangible Costs					
Code	Description	Comments	Daily	Cum	
#30.010	Permits, Licenses, ect			\$1,200	
#30.020	Staking & Surveying			\$2,200	
#30.030	Road, Locations			\$120,000	
#30.035	Mobilization/Demobilization			\$75,000	
#30.040	Daywork Contract	Day rate for rig.	\$18,000	\$614,772	
#30.050	Mouses/Ratholes/Conduct Pipe			\$19,128	
#30.055	Directional Drilling & Survey	Payzone directional	\$7,140	\$261,869	
#30.060	Bits, Tools, Stabilizers			\$70,796	
#30.065	Fuel, Power			\$125,848	
#30.070	Equipment Rental		\$1,510	\$117,431	
#30.075	Mud & Chemicals			\$296,390	
#30.080	Mud Logging	Mud Loggings - Empirica	\$1,100	\$31,900	
#30.090	Core Analysis				
#30.095	Openhole Logging			\$40,536	
#30.100	Cement Services			\$121,677	
#30.110	Casing Crew & Equipment			\$69,849	
#30.120	Contract Labor			\$37,783	
#30.160	Fishing Services				
#30.165	Crib Water			\$105,083	
#30.175	Supervision	Chad Surber, Tala Edeler	\$3,500	\$147,000	
#30.195	P&A/TX Costs				
Total Intangible			\$31,250	\$2,258,460	
Tangible Costs					
Code	Description	Comments	Daily	Cum	
#50.010	Conductor Casing - 13-3/8"				
#50.015	Surface Casing - 9-5/8"			\$151,217	
#50.120	Intermediate Casing - 7"			\$328,128	
#50.145	Weilhead Equipment			\$17,753	
#50.150	Flare equipment, Centralizers & DVT			\$43,704	
#50.275	Tangible Contingency				
#60.030	Production Casing - 4-1/2"				
#60.035	Liner Hanger - 4-1/2"				
#60.045	Weilhead Equipment - Completions (Tubing Spool)			\$10,799	
Total Tangible				\$551,601	
Total Costs			\$31,250	\$2,810,061	

Field Location	UT Lands Ward Co	Supervisor	Chad Surber	Report No.	37
County	Ward	Supervisor 2	Tate Edeler	DPS	44
Rig Name	Ward	Rig Phone	432-402-2215	Spud Date	12/13/2013
Rig ID	HWDC 9	Rig Email	jaqued@oakenergy@outlook.com	AFE	\$211,137.00
KB	15	Daily Footage	246	Daily Cost	\$44,349.50
Depth (MD)	15.415	Depth (TVD)	11.363	Cum. Cost	\$2,854,410.99
Estimated TD	16.122	Estimated TVD	11.371		

Casing Data							
Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test
Surface	9-5/8	40.0	J 55	LTC	15'	4,942'	
Intermediate	7	29.0	P 110	LTC	16'	11,767'	

Mud Properties	
Type	Fresh Water
Weight	14
FV	54
PV	35
YP	25
LCM (ppb)	
Chlorides	20000
% Solids	24
Daily Losses	
Total Losses	

Depth	Inc	Azi
15,337'	92.20°	250.20°

Drilling Parameters	
Max WOB	30
Max RPM	55
Max Torque	10500
Max Pull	165
Bkgrnd Gas	1787
Max Gas	1787
Cnx Gas	1742
Trip Gas	2846

BHA			
Component	Length	ID	OD
Drill Bit	1'00"	2.00	6.13
Motor	26.37"	2.00	4.81
Sub	1'88"	2.50	4.75
Monel Collar	10'15"	2.69	4.75
Sub	2'54"	2.50	5.02
Monel Collar	30'82"	2.63	4.75
Monel Collar	31'11"	2.63	4.80
Monel Collar	31'10"	2.63	4.80
X-Over	3'60"	2.50	5.25
Total Length:	138.58		

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24 Hour Activity Summary:
TIH with new BHA - wash to bottom - Drill F/ 15169' T/15415' / Water well delivered to frac pit 1163 bbls

24 Hour Plan Forward:
Finish TIH and Drill ahead to TD around 16120 ft.

Safety					Fuel						
Last BOP Test	01/11/2014	Last BOP Drill	01/15/2014	Last Function Test	1/16/2014	Diesel Used	940	Diesel Recvd		Diesel on Loc	-5.030



Daily Cost Report

Well Name: UTL 22-17-1H

Report Date: 01/19/2014

Daily Cost \$44,350

Intangible Costs				
Code	Description	Comments	Daily	Cum
830.010	Permits, Licenses, ect			\$1,200
830.020	Staking & Surveying			\$2,200
830.030	Road, Locations			\$120,000
830.035	Mobilization/Demobilization			\$75,000
830.040	Daywork Contract	Day rate for rig.	\$18,000	\$632,772
830.050	Mouses/Ratholes/Conduct Pipe			\$19,128
830.055	Directional Drilling & Survey	Playzone directional	\$7,140	\$269,009
830.060	Bbs, Tools, Stabilizers			\$70,796
830.065	Fuel, Power			\$125,848
830.070	Equipment Rental		\$1,510	\$118,941
830.075	Mud & Chemicals		\$13,100	\$309,490
830.080	Mud Logging	Mud Logging - Empirica	\$1,100	\$33,000
830.090	Core Analysis			
830.095	Openhole Logging			\$40,535
830.100	Cement Services			\$121,677
830.110	Casino Crew & Equipment			\$69,849
830.120	Contract Labor			\$37,783
830.160	Fishing Services			
830.165	Drill Water			\$105,083
830.175	Supervision	Chad Surber, Tate Edsaler	\$3,500	\$150,500
830.195	P&A/TA Costs			

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Field	UT Lands Ward Co	Supervisor	Chad Surber	Report No.	47
Location		Supervisor 2	Tate Edler	DFS	40
County	WARD	Rig Phone	432-400-2215	Spud Date	12/13/2013
Rig Name	WARD 9	Rig Email	ajged@valkenenergy@outlook.com	AFE	\$3,971,137.00
KB	15	Daily Footage		Daily Cost	\$30,985.00
Depth (MD)	16,140	Depth (TVD)	11,333	Cum. Cost	\$2,973,065.81
Estimated TD	16,122	Estimated TVD	11,371		

Casing Data							
Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test
Surface	9-5/8	40.0	J 55	LTC	15'	4,842'	
Intermediate	7	29.0	P 110	LTC	16'	11,767'	

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24 Hour Activity Summary:
Tripping in Hole to Log checking ID, Run thru bit logging tool in hole, Log wellbore from 15999' to 11000', Water Well delivered 702 bbls

24 Hour Plan Forward:
Run liner and Cement

Safety					Fuel						
Last BOP Test	01/11/2014	Last BOP Drill	01/15/2014	Last Function Test	1/20/2014	Diesel Used	1,077	Diesel Recvd		Diesel on Loc	-4,418

Daily Cost Report

Well Name:	UTL 22-17-1H
Report Date:	01/22/2014
Daily Cost	\$30,985

Intangible Costs				
Code	Description	Comments	Daily	Cum
830.010	Permits, Licenses, ect			\$1,200
830.020	Staking & Surveying			\$2,200
830.030	Road, Locations			\$120,000
830.035	Mobilization/Demobilization			\$75,000
830.040	Cavearth Contract	Day rate for rig	\$18,000	\$986,772
830.050	Mousse/Rathhole/Conduct Pipe			\$19,128
830.055	Directional Drilling & Survey			\$283,289
830.060	Bits, Tools, Stabilizers			\$70,796
830.065	Fuel, Power			\$135,792
830.070	Equipment Rental		\$1,510	\$124,785
830.075	Mud & Chemicals		\$5,975	\$328,446
830.080	Mud Logging			\$35,200
830.090	Core Analysis			
830.095	Openhole Logging			\$40,535
830.100	Cement Services			\$121,677
830.110	Casing Crew & Equipment			\$70,779
830.120	Contract Labor			\$37,783
830.160	Fishing Services			
830.165	Drill Water			\$105,083
830.175	Supervision	Chad Surber, Tate Edeler, Cody Long	\$5,500	\$163,000
830.195	P&A/TA Costs			
		Total Intangible	\$30,985	\$2,421,465

Tangible Costs				
Code	Description	Comments	Daily	Cum
850.010	Conductor Casing - 13-3/8"			
850.015	Surface Casing - 9-5/8"			\$151,217
850.120	Intermediate Casing - 7"			\$328,128
850.145	Wellhead Equipment			\$17,753
850.150	Float equipment, Centralizers & DVT			\$43,704
850.275	Tangible Contingency			
860.030	Production Casing - 4-1/2"			
860.035	Liner Hanger - 4-1/2"			
860.045	Wellhead Equipment - Completions (Tubing Spool)			\$10,799
Total Tangible				\$551,611
Total Costs			\$30,989	\$597,931.00
[NOTE: Indirect Materials Total \$28,000]				

Field Location	UT Lands Ward Co	Supervisor	Cody Long	Report No.	48
County	Ward	Supervisor 2	Tate Edeler	DFS	41
Rig Name	WIND 9	Rig Phone	432-400-2215	Spud Date	12/13/2013
KB	15	Rig Email	logged@peakenergy@outlook.com	A/E	\$3,911,137.00
Depth (MD)	16.140	Daily Footage		Daily Cost	\$193,659.60
Estimated TD	16.122	Depth (TVD)	11.333	Cum. Cost	\$3,166,726.41
		Estimated TVD	11.371		

Casing Data							
Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test
Surface	9-5/8	40.0	J 55	LTC	15'	4,842'	
Intermediate	7	29.0	P 110	LTC	16'	11,767'	

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24 Hour Activity Summary:
Finish Thru Bit logging, lay down 4" drill pipe, rig casing crew, make up shoe track and run 4 1/2" liner to 3264', Water Well Reading = 684 bbls

24 Hour Plan Forward:
Run 4 1/2" Liner to a set depth of 16,105', Cement liner, lay down 4" drill pipe, clean pits release rig

Safety					Fuel						
Last BOP Test	01/11/2014	Last BOP Drill	01/15/2014	Last Function Test	1/20/2014	Diesel Used	990	Diesel Recvd		Diesel on Loc	-5,408



Daily Cost Report

Well Name: [UTL 22-17-1H](#)

Report Date: 01/23/2014

Daily Cost \$193,660

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Field	UT Lands Ward Co	Supervisor	Cody Long	Report No.	49
Location		Supervisor 2	Tate Edler	DFS	42
County	Ward	Rin Phone	432-400-2215	Spd Date	12/13/2013
Rin Name	HW02-9	Rin Email	apoc@oakenergy@oakcook.com	DFE	\$3,271,137.00
KB		Daily Footage		Daily Cost	\$30,645.00
Dspth (MD)	16,140	Depth (TVD)	11,333	Cum. Cost	\$3,204,169.73
Estimated TD	16,122	Estimated TVD	11,371		

Casing Data							
Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test
Surface	9-5/8	40.0	J 55	LTC	15'	4,842'	
Intermediate	7	29.0	P 110	LTC	16'	11,767'	
Liner	4-1/2	1350.0	P-110	LTC	10,754'	16,054'	

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24 Hour Activity Summary:
Run liner to a set depth of 16044', drop ball set hanger , cement liner , set packer

24 Hour Plan Forward:
Lay down drill pipe, Nipple down , set tubing head, release rig

Safety					Fuel						
Last BOP Test	01/11/2014	Last BOP Drill	01/23/2014	Last Function Test	1/23/2014	Diesel Used		Diesel Recvd		Diesel on Loc	-5.408

Tangible Costs					
Code	Description	Comments	Daily	Cum	
830.010	Permits, Licenses, ect			\$1,200	
830.020	Staking & Surveying			\$2,200	
830.030	Road, Locations			\$120,000	
830.035	Mobilization/Demobilization			\$75,000	
830.040	Daywork Contract	Day rate for rig ,	\$18,000	\$720,622	
830.050	Mousse/Rathole/Conduct Pipe			\$16,927	
830.055	Directional Drilling & Survey			\$283,289	
830.060	Bits, Tools, Stabilizers			\$95,486	
830.065	Fuel, Power			\$135,792	
830.070	Equipment Rental		\$1,885	\$131,080	
830.075	Mud & Chemicals		\$900	\$333,739	
830.080	Mud Logging			\$35,200	
830.090	Core Analysis				
830.095	Openhole Logging			\$117,535	
830.100	Cement Services			\$121,677	
830.110	Casing Crew & Equipment	Run 4 1/2" liner	\$15,360	\$86,139	
830.120	Contract Labor			\$37,783	
830.160	Fishing Services				
830.165	Drill Water			\$105,420	
830.175	Supervision	Cody long, Tate Edeler	\$3,500	\$172,000	
830.195	P&A/ITA Costs				
Total Intangible			\$39,645	\$2,590,990	
Tangible Costs					
Code	Description	Comments	Daily	Cum	
850.010	Conductor Casing - 13-3/8"				
850.015	Surface Casing - 9-5/8"			\$151,217	
850.120	Intermediate Casing - 7"			\$328,128	
850.145	Wellhead Equipment			\$17,753	
850.150	Float equipment, Centralizers & DVT			\$43,704	
850.275	Tangible Contingency				
860.030	Production Casing - 4-1/2"			\$61,579	
860.035	Liner Hanger - 4-1/2"				
860.045	Wellhead Equipment - Completions (Tubing Spool)			\$10,799	
Total Tangible				\$613,131	
Total Cost			\$39,645	\$3,204,121	

PROPERTY		SUPERVISOR		REPORT	
Field	UT Lands Ward Co	Supervisor 1	Cody Long	Report No.	50
Location		Supervisor 2	Tate Edler	DPS	43
County	Ward	Rig Phone	432-400-2215	Spud Date	12/13/2013
Rig Name	WARD 9	Rig Email	ajagade@peakenergy@outlook.com	AFE	\$3,071,137.60
KID	15	Daily Footage		Daily Cost	\$112,255.50
Depth (MD)	16,140	Depth (TVD)	11,333	Cum. Cost	\$3,331,344.33
Estimated TD	16,122	Estimated TVD	11,371		

Casing Data							
Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test
Surface	9-5/8	40.0	J 55	LTC	15'	4.842	
Intermediate		29.0	P-110	LTC	16'	11.767	
Liner	4-1/2	1350.0	P-110	LTC	10.754'	16.054'	

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24 Hour Activity Summary:

24 Hour Activity Summary:

24 Hour Plan Forward:

24 Hour Plan Forward:

Safety						Fuel					
Last BOP Test	01/11/2014	Last BOP Drill	01/23/2014	Last Function Test	1/23/2014	Diesel Used		Diesel Recvd		Diesel on Loc	-5.408

Code	Description	Comments	Daily	Cum
#30.010	Permits, Licenses, ect			\$1,275
#30.020	Staking & Surveying			\$2,076
#30.030	Road, Locations			\$129,669
#30.035	Mobilization/Demobalization			\$75,000
#30.040	Daywork Contract	Day rate for rig,	\$18,000	\$738,522
#30.050	Mousse/Rathole/Conduct Pipe			\$16,927
#30.055	Directional Drilling & Survey			\$283,289
#30.060	Bits, Tools, Stabilizers			\$95,486
#30.065	Fuel, Power			\$135,792
#30.070	Equipment Rental			\$3,845
#30.075	Mud & Chemicals			\$134,925
#30.080	Mud Logging			\$335,499
#30.090	Core Analysis			\$35,200
#30.095	Openhole Logging			\$117,535
#30.100	Cement Services			\$121,677
#30.110	Casing Crew & Equipment			\$86,139
#30.120	Contract Labor			\$37,783
#30.160	Fishing Services	wire line backoff	\$15,451	\$115,451
#30.165	Drill Water			\$105,420
#30.175	Supervision	Cody long, Tate Edeler	\$3,500	\$175,500
#30.195	P&A/T A Costs			
Total Intangible			\$42,556	\$2,643,165

		Tangible Costs		
Code	Description	Comments	Daily	Cum
850.010	Conductor Casing - 13-3/8"			
850.015	Surface Casing - 9-5/8"			\$151,217
850.120	Intermediate Casing - 7"			\$328,128
850.145	Wellhead Equipment			\$17,753
850.150	Float equipment, Centralizers & DVT			\$43,704
850.275	Tangible Contingency			
860.030	Production Casing - 4-1/2"			\$61,579
860.035	Liner Hanger - 4-1/2"		\$75,000	\$75,000
860.045	Wellhead Equipment - Completions (Tubing Spool)			\$10,799
		Total Tangible Total Costs	\$75,000 \$117,558	\$688,151 \$3,331,342

Field Location	UT Lands Ward Co	Supervisor	Cody Long	Report No.	44
County	Ward	Supervisor 2	Tate Edeler	DFS	51
Name	Wind	Rig Phone	432-400-2215	Spend Date	12/13/2013
KB	TRD 9	Rig Email	logged@peakenergy@outlook.com	AFE	\$3,911,137.00
Depth (MD)	16.140	Daily Footage		Cum. Cost	\$49,035.00
Estimated TD	16.122	Depth (TVD)	11.333		
		Estimated TVD	11.371		

Casing Data							
Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test
Surface	9-5/8	40.0	J-55	LTC	15'	4,842'	
Intermediate	7	29.0	P-110	LTC	16'	11,767'	
Liner	4-1/2	1350.0	P-110	LTC	10,754'	16,054'	

Mud Properties	
Type	Fresh Water
Weight	12.5
FV	47
PV	18
YP	17
LCM (ppb)	
Chlorides	18000
% Solids	3.9
Daily Losses	
Total Losses	

Last Survey		
Depth	Inc	Azi

Drilling Parameters	
Max WOB	30
Max RPM	55
Max Torque	
Max Pull	
Bkgrnd Gas	
Max Gas	
Cnx Gas	
Trip Gas	

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24 Hour Activity Summary:
TOH for fishing tools., Pick up fishing tools, TIH, Jar on fish with no success, Rig up Baker Atlas Wire line to do free point , backoff

24 Hour Plan Forward:
Free point , backoff , TOOH to pick up Mill

Safety					Fuel						
Last BOP Test	01/11/2014	Last BOP Drill	01/23/2014	Last Function Test	1/23/2014	Diesel Used		Diesel Recvd		Diesel on Loc	-5.408

[illegible]

Field Location	UT Lands Ward Co	Supervisor	Cody Long	Report No.	52
County	WARD	Supervisor 2	Tate Edeler	DFS	45
Rig Name	HWG 9	Rig Phone	432-400-2215	Spud Date	12/13/2013
KB	15	Rig Email	ajared@peakenergy@outlook.com	AFE	\$3,911,137.00
Depth (MD)	16,140	Daily Footage		AFE	\$45,981.80
Estimated TD	16,122	Depth (TVD)	11,333	Daily Cost	\$3,427,881.13
		Estimated TWD	11,371		

Casing Data							
Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test
Surface	9-5/8	40.0	J 55	LTC	15'	4,842'	
Intermediate	7	29.0	P 110	LTC	16"	11,767'	
Liner	4-1/2	1350.0	P-110	LTC	10,734'	16,035'	

Mud Properties	
Type	Fresh Water
Weight	12.4
FV	42
PV	17
YP	13
LCM (ppb)	
Chlorides	17000
% Solids	4.7
Daily Losses	
Total Losses	

Last Survey		
Depth	Inc	Azi

Drilling Parameters	
Max WOB	30
Max RPM	55
Max Torque	
Max Pull	
Bkgrnd Gas	
Max Gas	
Cnx Gas	
Trin Gas	

BHA			
Component	Length	ID	OD
Total Length:			

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24 Hour Activity Summary:

24 Hour Activity Summary:
Run free point, Shoot off pipe, Displace well bore with 8.6 ppg fluid, trip out of hole with fishing tools, Nipple down and Release rig @ 06:00 hrs

24 Hour Plan Forward:

24 Hour Plan Forward:
Clean pits. Rig Down. Move rig to the UTL 38-17-1H

Safety						Fuel					
Last ROP Test	01/11/2014	Last ROP Drill	01/25/2014	Last Function Test	1/26/2014	Diesel Used		Diesel Recvd		Diesel on Loc	-5.408

Daily Cost Report

Well Name: UTL 22-17-1H

Report Date: 01/27/2014

Daily Cost \$48,982

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Tangible Costs		Daily	Cum
850.010	Conductor Casing - 13-3/8"		
850.015	Surface Casing - 9-5/8"		\$151,217
850.120	Intermediate Casing - 7"		\$328,128
850.145	Wellhead Equipment		\$17,753
850.150	Flow equipment, Centralizers & DVT		\$43,704
850.275	Tangible Contingency		
860.030	Production Casing - 4-1/2"		\$61,579
860.035	Liner Hanger - 4-1/2"		\$75,000
860.045	Wellhead Equipment - Completions (Tubing Spool)		\$10,799
Total Tangible			\$688,161
Total Costs		\$48,982	\$3,427