



## Daily Drilling Report

Well Name UTL 2932-17 2H

Report Date 05/01/2017

**API** 42-475-37198

Field	Phantom Wolfcamp	Supervisor	Nathanial Baxter	Rig Up Days	0.56	Report No.	10
Location	Sec 12, Block 17	Supervisor 2		Surface Days	2.02	DFS	5.4375
County	Ward	Rig Phone	432-253-3863, 307-752-9052	Inter. 1 Days	5.44	Spud Date	04/04/2017
Rig Name	X20	Rig Email	JEPrig05@jaggedpeakenergy.com	Inter 2 Days		AFE	\$3,183,001.00
KB	32	Daily Footage	317	Prod. Days		Daily Cost	\$53,906.00
Depth (MD)	7,463	TVD at Bit	7458	Tot. Drill Days	5.44	Cum. Cost	\$779,875.68
Estimated TD	21,915			Hrs Drilg	5.50		

### Casing Data

Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test
Surface	13-3/8	48.0	H-40	STC		1,176'	

## Mud Properties

Type	SPRAYBERRY
Weight	9.3
FV	49
PV	11
YP	20
LCM (ppb)	
Chlorides	57000
% Solids	7
Daily Losses	
Total Losses	

### Last Survey

Depth	Inc	Azi

**BHA**

Description	Length	ID	OD
PDC SSI 716	1.00'		12.25
5" 7/8 4: 0.166 RPG 1.5 deg F	29.23'		8.63
8" Shock Sub	10.97'	2.88	7.88
11.75" Gauge Stabilizlar	7.20'	2.75	8.25
X/O 5 1/2 IF X 6 5/8 Reg	3.42'	2.88	8.00
8" MWD HDS1 Collar	29.81'	4.25	7.87
8" NMDC	28.50'	3.25	8.03
X/O 6 5/8 reg X NC56	2.55'	2.88	8.00
8" Steel DC	30.14'	3.00	8.00
X/O NC56 X NC46	3.60'	3.00	8.00
6.5" Spiral Steel DC	365.76'	3.00	6.50
X/O NC46 X 4 1/2IF	3.12'	3.00	6.00
<b>Total Length:</b>	<b>515.30</b>		

## Bit Info

[illegible]

## Safety

Last BOP Test	04/25/2017	Last BOP Drill	04/25/2017	Last Function Test	04/25/2017	Diesel Used	912.00	Diesel Recvd		Diesel on Loc	15,504.00
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## Fuel

Diesel Used	912.00	Diesel Recvd		Diesel on Loc	15,504.00
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### Activity Summary (6:00am - 6:00am)

From	To	Hours	P / U	Summary
06:00	10:30	4.50	UnPlanned	TOOH Due To Low ROP F/6,475' - T/8" BHA Achieved proper hole fill. Static well and flow check at Shoe. Pulled tight @ 6,475' Wash/Ream F/ 6,475' - T/6,187' Worked tight spot dry with straight pull @ 5,070' 30K over
10:30	12:30	2.00	UnPlanned	Lay Down 8" Tools. Motor was drained when pulling through floor. Bit Box was loose and motor had 1/2 a turn of slack in bit box and could easily be turned by hand. Bit- 3-7 (Most of bit damage seemed to be due to stick slip presumed from weak motor.)
12:30	13:00	0.50	UnPlanned	Clean and clear floor. Perform Rig Service. (30min) Canrig on location to trouble shoot Tong pull Cylinder
13:00	14:00	1.00	Rig NPT	NPT Nabors X20 Unable to operate tong pull cylinder remotely from driller controls. Can rig on location trouble shooting Tong pull line. No communication between HMI and PLC. Face support logged on system and reprogrammed. Tongs working as designed from remote control in drillers council.
14:00	17:30	3.50	UnPlanned	P/U BHA # 3 Bit- Smith SSI716 12 1/4" Motor- 7 3/4" 7/8 4.0 1.5/fixed 12" stab 0.166RPG Good surface test on motor Scribe 8" Directional tools DSM Verified MWD and motor high side.  TIH F/BHA - T/Shoe.
17:30	19:30	2.00	UnPlanned	Without rotating head in during BHA handling noticed rig rubbing hard on ODS bushing bowl. Appears as rig has settled to ODS durring drilling. Stomped rig over 2" and leveled Sub base. Rig mast and TDS centered through rotary and Well Head with drill string. Removed trip Nipple and installed rotating head.
19:30	00:30	5.00	UnPlanned	Trip In Hole (BHA#3) F/Shoe - T/5,070' Tagged up and took on 50K+ @ 5,070' Wash and ream down 450 GPM 45 RPM 14Kft-LBS Max F/4,954' - T/5,245' Trip In Hole F/5,245' - T/7,146' (slick) Precautionary ream and wash last stand to bottom staging pumps up establishing good flow. No losses.
00:30	06:00	5.50	Drilling	Drill 1st Intermediate 12 1/4" Hole Section (Previous Motor/bit trip @ 7,146') F/7,146' - T/7,463' (317') AROP-58 WOB-25-30 RPM-45-65 DIFF-450-600 GPM-475
Total Hours:		24		

### 24 Hour Activity Summary:

Trip for a bit / motor 7,146' Drill 1st Intermediate 12 1/4" Hole Section F/7,146' - T/7,463"

### 24 Hour Plan Forward:

Drill 1st Intermediate 12 1/4" Hole Section





## Daily Drilling Report

Well Name UTL 2932-17 2H

Report Date 05/02/2017

**API** 42-475-37198

Field	Phantom Wolfcamp	Supervisor	Nathanial Baxter	Rig Up Days	0.56	Report No.	11
Location	Sec 12, Block 17	Supervisor 2		Surface Days	2.02	DFS	6.4375
County	Ward	Rig Phone	432-253-3863, 307-752-9052	Inter. 1 Days	6.44	Spud Date	04/04/2017
Rig Name	X20	Rig Email	JEP Rig05@jaggedpeakenergy.com	Inter 2 Days		AFE	\$3,183,001.00
KB	32	Daily Footage	820	Prod. Days		Daily Cost	\$41,922.32
Depth (MD)	8,283	TVD at Bit	8278	Tot. Drill Days	6.44	Cum. Cost	\$821,798.00
Estimated TD	21,915			Hrs Drlg	21.00		

### Casing Data

Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test
Surface	13-3/8	48.0	H-40	STC		1,176'	

## Mud Properties

Type	SPRAYBERRY
Weight	9.75
FV	41
PV	7
YP	15
LCM (ppb)	
Chlorides	78000
% Solids	9
Daily Losses	
Total Losses	

### Last Survey

Depth	Inc	Azi
8,208'	0.97°	359.56°

**BHA**

Description	Length	ID	OD
PDC SSI 716	1.00'		12.25
5" 7/8 4: 0.166 RPG 1.5 deg F	29.23'		8.63
8" Shock Sub	10.97'	2.88	7.88
11.75" Gauge Stabilizlar	7.20'	2.75	8.25
X/O 5 1/2 IF X 6 5/8 Reg	3.42'	2.88	8.00
8" MWD HDS1 Collar	29.81'	4.25	7.87
8" NMDC	28.50'	3.25	8.03
X/O 6 5/8 reg X NC56	2.55'	2.88	8.00
8" Steel DC	30.14'	3.00	8.00
X/O NC56 X NC46	3.60'	3.00	8.00
6.5" Spiral Steel DC	365.76'	3.00	6.50
X/O NC46 X 4 1/2IF	3.12'	3.00	6.00
<b>Total Length:</b>	<b>515.30</b>		

### Bit Info

[illegible]

## Safety

Last BOP Test	04/25/2017	Last BOP Drill	04/25/2017	Last Function Test	04/25/2017	Diesel Used	2,280.00	Diesel Recvd		Diesel on Loc	13,224.00
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### Activity Summary (6:00am - 6:00am)

From	To	Hours	P / U	Summary
06:00	09:00	3.00	Rig NPT	NPT (Nabors X20.) Pit pump lost prime . Trough wash lines inoperable. Trough lines plugged up with cuttings causing PVC to collapse spanning from rig to pit. Circulating hole at reduced rate off bottom while rig hands repair PVC Trough lines and clear plug off.
09:00	18:00	9.00	Drilling	Drill 1st Intermediate 12 1/4" Hole Section (Bit#3) (Previous Motor/bit trip @ 7,146') F/7,463' - T/7,904' (441') AROP-49 WOB-35 RPM-65 DIFF-500 GPM-475
18:00	06:00	12.00	Drilling	Drill 1st Intermediate 12 1/4" Hole Section (Bit#3) (Previous Motor/bit trip @ 7,146') F/7,904' - T/8,283' (379') AROP-32 WOB-35 RPM-65 DIFF-500 GPM-475
Total Hours:		24		

### 24 Hour Activity Summary:

NPT (Clear plugged cuttings trough line to pit) Drill 1st Intermediate 12 1/4" Hole Section F/7,463' - T/8,283'

### 24 Hour Plan Forward:

Drill 1st Intermediate 12 1/4" Hole Section



### Drill 2nd Intermediate 8 3/4" Vertical Hole Section





## Daily Drilling Report

Well Name UTL 2932-17 2H

Report Date 05/04/2017

**API** 42-475-37198

Field	Phantom Wolfcamp	Supervisor	Nathanial Baxter	Rig Up Days	0.56	Report No.	13
Location	Sec 12, Block 17	Supervisor 2		Surface Days	2.02	DFS	8.4375
County	Ward	Rig Phone	432-253-3863, 307-752-9052	Inter. 1 Days	7.08	Spud Date	04/04/2017
Rig Name	X20	Rig Email	JEPrig05@jaggedpeakenergy.com	Inter 2 Days	1.35	AFE	\$3,183,001.00
KB	32	Daily Footage	814	Prod. Days		Daily Cost	\$37,493.00
Depth (MD)	9,914	TVD at Bit	8278	Tot. Drill Days	8.44	Cum. Cost	\$947,582.96
Estimated TD	21,915			Hrs Drilg	12.00		

### Casing Data

Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test
Surface	13-3/8	48.0	H-40	STC		1,176'	

## Mud Properties

Type	SPRAYBERRY
Weight	9.8
FV	47
PV	7
YP	16
LCM (ppb)	
Chlorides	88000
% Solids	9
Daily Losses	
Total Losses	

### Last Survey

Depth	Inc	Azi
9,706'	6.79°	5.59°

**BHA**

Description	Length	ID	OD
PDC XS616	1.00'		8.75
* 7/8 5.7 0.24 RPG 1.5 deg F	32.76'	2.50	6.75
Shock Sub	11.10'	2.50	6.50
8.5" Gauge Stabilizer	5.92'	2.50	6.50
5.5 FH X 4.5 XH	3.79'	5.50	6.50
6.5 MWD HDS1 Collar	29.28'	3.50	6.75
4.5XH X 5.5FH	3.08'		
6.25 NMDC	28.44'	2.88	6.25
6.5" Spiral Steel DC	365.76'	3.00	6.50
X/O NC46 X 4 1/2IF	3.12'	3.00	6.00
Tomax Agitator	13.00'	3.00	6.75
5" HWDP	638.41'	3.00	5.00
<b>Total Length:</b>	<b>1135.66</b>		

## Bit Info

[illegible]

## Safety

Last BOP Test	04/25/2017	Last BOP Drill	04/25/2017	Last Function Test	04/25/2017	Diesel Used	2,280.00	Diesel Recvd		Diesel on Loc	10,944.00
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## Fuel

Diesel Used	2,280.00	Diesel Recvd		Diesel on Loc	10,944.00
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### Activity Summary (6:00am - 6:00am)

From	To	Hours	P / U	Summary
06:00	17:00	11.00	Drilling	DRILL AHEAD 8.75" 2ND INTERMEDIATE HOLE SECTION F/9,100' TO 9,876' WOB 25-30 ROT 70-75 525 GPM
17:00	17:30	0.50	Planned	RIG SERVICE T/D SERVICE
17:30	18:30	1.00	Drilling	DRLG AHEAD 8.75" 2ND INTERMEDIATE HOLE SECTION F/9,876' TO 9,914.98' WOB 25-33 ROT 65-75 525 GPM
18:30	19:30	1.00	UnPlanned	TROUBLE SHOOTING MUD MOTOR DO TO LOSS OF ROP AND DIFFERENTIAL PRESSURE CHANGES CONTACTED DS TO DETERMINE SOLUTION DECISION TO TOOHL.
19:30	20:00	0.50	UnPlanned	CIRCULATE AND CONDITION PUMPED SLUG
20:00	02:30	6.50	UnPlanned	TOOH F/9'914' TO SURFACE TO CHANGE OUT MUD MOTOR L/D motor and bit  Note: Hole took correct fill. Pull rot head @ 2,050' Unable to drain Motor, Bit plug nozzles with rubber
02:30	04:30	2.00	UnPlanned	P/U BHA # 5 2nd Intermediate Directional drilling Asym. 8 3/4" Hole Section Bit- Smith XS616 8 3/4" S/N: JM9471 Motor- Hunting 6 3/4" 7/8 5.7 1.5/fixed 8 3/8" stab 0.24 RPG  Note: Good surface test on motor Scribe 6 3/4"" Directional tools DSM Verified MWD and motor high side.
04:30	06:00	1.50	UnPlanned	TIH F/Surface - T/ 2,359'  Note: Achieved calculated displacement Install rot head @ 2,075'.
<b>Total Hours:</b>		<b>24</b>		

### 24 Hour Activity Summary:

Drill 8-3/4" Intermediate Section t/ 9,914'. TOH T/ BHA. Change bit and motor. TIH t/ 2,359'

**24 Hour Plan Forward:**

TIH t/ 9,914'. Drill 2nd Intermediate 8 3/4" Vertical Hole Section T/ KOP 10,800'.







## Daily Drilling Report

Well Name UTL 2932-17 2H

Report Date 05/05/2017

API [42-475-37198](https://api.42-475-37198.com)

Field	Phantom Wolfcamp	Supervisor	Joel Kaufman	Rig Up Days	0.56	Report No.	10
Location	Sec 12, Block 17	Supervisor 2	Ty Olsen	Surface Days	2.38	DFS	9.083333333
County	Ward	Rig Phone	432-253-3863	Inter. 1 Days	6.73	Spud Date	04/26/2017
Rig Name	X20	Rig Email	JEP Rig05@jaggedpeakenergy.com	Inter 2 Days	2.35	AFE	\$3,183,001.00
KB	32	Daily Footage	786	Prod. Days		Daily Cost	\$63,746.26
Depth (MD)	10,700	TVD at Bit	8278	Tot. Drill Days	9.08	Cum. Cost	\$1,011,561.51
Estimated TD	21,915			Hrs Drig	7.25		

### Casing Data

Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test
Surface	13-3/8	48.0	H-40	STC		1,176'	

### Mud Properties

Type	SPRAYBERRY
Weight	9.65
FV	47
PV	8
YP	12
LCM (ppb)	
Chlorides	87000
% Solids	9
Daily Losses	
Total Losses	

P/U 8-3/4" CURVE BHA. SLIP & CUT DRILL LINE. TIH T/ 10,700'. DRILL T/ KOP (10,835). BUILD CURVE AS PER DIRECTIONAL PLAN.





## Daily Drilling Report

Well Name UTL 2932-17 2H

Report Date 05/06/2017

API 42-475-37198

Field	Phantom Wolfcamp	Supervisor	Joel Kaufman	Rig Up Days	0.56	Report No.	11
Location	Sec 12, Block 17	Supervisor 2	Denny Howard	Surface Days	2.38	DPS	10.08333333
County	Ward	Rig Phone	432-253-3863	Inter. 1 Days	6.73	Spud Date	04/26/2017
Rig Name	X20	Rig Email	JEPRIg05@jaggedpeakenergy.com	Inter 2 Days	3.35	AFE	\$3,183,001.00
KB	32	Daily Footage	583	Prod. Days		Daily Cost	\$69,029.86
Depth (MD)	11,283	TVD at Bit	10180	Tot. Drill Days	10.08	Cum. Cost	\$1,080,591.37
Estimated TD	21,915			Hrs Drilg	16.00		

### Casing Data

Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test
Surface	13-3/8	48.0	H-40	STC		1,176'	

## Mud Properties

Type	SPRAYBERRY
Weight	9.6
FV	45
PV	6
YP	16
LCM (ppb)	
Chlorides	68000
% Solids	3.04
Daily Losses	
Total Losses	

### Last Survey

Depth	Inc	Azi
11,038'	22.24°	254.21°

**BHA**

Description	Length	ID	OD
PDC MMD55DM	1.00'		8.75
6.75" 4/5 7.0 2.25 FBH	27.50'		6.75
5.5 FH X 4.5 XH	3.79'	2.75	7.14
6.5 MWD HDS1 Collar	29.28'	3.50	6.75
4.5XH X 5.5FH	10.14'		
6.25 NMDC	28.44'	2.88	6.25
X/O NC46 X 4 1/2IF	3.12'	3.00	6.00
5" DP	945.49'	3.00	5.00
5" Drill Pipe	638.41'	3.00	5.00
X/O 4.5IF X PT43	3.13'	3.00	6.83
X/O PT43 X DS40	1.77'	3.00	5.19
<b>Total Length:</b>	<b>1692.07</b>		

## Bit Info

Bit #	Size	Make	Type	S/N	Jets	In	Out	Footage	On BTM Hrs	On BTM ROP	IADC Hrs	IADC ROP	Grade
4	8.75	Smith	PDC XS616	JM8671	3-14's 3-15's	8,284'	9,914'	1,630'	20.25	67		67.0	5-5-RO-N-IN-X-BT-ROP
5	8.75	Smith	PDC XS616	JM9471	3-14's 3-15's	9,914'	10,700'	786'	6.75	108		108.0	1-1-BT-S-IN-X-CT-TD
6	8.75	SECURITY	PDC MMD5DM	12588029	5X18'S	10,700'	11,229'	529'	8.02	65.9	16.0	33.0	----- -----

## Safety

Last BOP Test	04/25/2017	Last BOP Drill	04/25/2017	Last Function Test	04/25/2017	Diesel Used	1,368.00	Diesel Recvd		Diesel on Loc	14,364.00
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### Activity Summary (6:00am - 6:00am)

From	To	Hours	P / U	Summary
06:00	08:00	2.00	Planned	TIH F/ BHA- T/ 1,660' Fill Pipe Test MWD tool Install R/H
08:00	10:00	2.00	Planned	Cut Drill Line( 11 wraps) Toque all clamp bolts, and inspect drill line
10:00	14:00	4.00	Planned	TIH F/1,660'- T/ 10,700' fill pipe every 3,000' monitoring displacements
14:00	18:30	4.50	Drilling	Drig f/ 10,700' to 10,835' AROP = 30 fph WOB = 16 k TD RPM = 20 Motor RPM = 275 GPM = 550 ppg SPP = 3100 psi MW = 9.6 VISC = 47  Note: Dropping angle back to verticle. KOP at 10,835'.
18:30	22:30	4.00	Drilling	Build Curve f/ 10,835' to 10,963' AROP = 32 fph WOB = 16-40 k TD RPM = 0-20 Motor RPM = 275 GPM = 550 ppg SPP = 3007 psi MW = 9.6 VISC = 48
22:30	03:00	4.50	Drilling	Build Curve f/ 10,963' to 11,129 ' AROP = 52.4 fph WOB = 16-50 k TD RPM = 0-20 Motor RPM = 275 GPM = 550 ppg SPP = 3007 psi MW = 9.7 VISC = 46
03:00	06:00	3.00	Drilling	Build Curve f/ 11,129' to 11,283 AROP = 51.3 fph WOB = 16-50 k TD RPM = 0-20 Motor RPM = 275 GPM = 550 ppg SPP = 3007 psi MW = 9.7 VISC = 46
<b>Total Hours:</b>		<b>24</b>		

### 24 Hour Activity Summary:

TIH, cut Drill Line, Kick Off and Build Curve T-/11,283'

**24 Hour Plan Forward:**

### TIH, Cut Drill Line, Build Curve per Directional Plan





## Daily Drilling Report

Well Name UTL 2932-17 2H

Report Date 05/07/2017

**API** 42-475-37198

Field	Phantom Wolfcamp	Supervisor	Joel Kaufman	Rig Up Days	0.56	Report No.	12
Location	Sec 12, Block 17	Supervisor 2	Denny Howard	Surface Days	2.38	DPS	11.08333333
County	Ward	Rig Phone	432-253-3863	Inter. 1 Days	6.73	Spud Date	04/26/2017
Rig Name	X20	Rig Email	JEPRig05@jaggedpeakenergy.com	Inter 2 Days	4.35	AFE	\$3,183,001.00
KB	32	Daily Footage	672	Prod. Days		Daily Cost	\$33,372.87
Depth (MD)	11,955	TVD at Bit	11422	Tot. Drill Days	11.08	Cum. Cost	\$1,114,464.24
Estimated TD	21,915			Hrs Drilg	11.50		

### Casing Data

Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test
Surface	13-3/8	48.0	H-40	STC		1,176'	

## Mud Properties

Type	SPRAYBERRY
Weight	9.8
FV	50
PV	8
YP	18
LCM (ppb)	
Chlorides	107000
% Solids	10
Daily Losses	
Total Losses	

### Last Survey

Depth	Inc	Azi
11,892'	86.89°	246.15°

**BHA**

Description	Length	ID	OD
PDC MMD55DM	1.00'		8.75
6.75" 4/5 7.0 2.25 FBH	27.50'		6.75
5.5 FH X 4.5 XH	3.79'	2.75	7.14
6.5 MWD HDS1 Collar	29.28'	3.50	6.75
4.5XH X 5.5FH	10.14'		
6.25 NMDC	28.44'	2.88	6.25
X/O NC46 X 4 1/2IF	3.12'	3.00	6.00
5" DP	945.49'	3.00	5.00
5" Drill Pipe	638.41'	3.00	5.00
X/O 4.5IF X PT43	3.13'	3.00	6.83
X/O PT43 X DS40	1.77'	3.00	5.19
<b>Total Length:</b>	<b>1692.07</b>		

## Bit Info

[illegible]

## Safety

Last BOP Test	04/25/2017	Last BOP Drill	04/25/2017	Last Function Test	04/25/2017	Diesel Used	2,964.00	Diesel Recvd		Diesel on Loc	11,400.00
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## Fuel

Diesel Used	2,964.00	Diesel Recvd		Diesel on Loc	11,400.00
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### Activity Summary (6:00am - 6:00am)

From	To	Hours	P / U	Summary
06:00	11:00	5.00	Drilling	Build Curve f/ 11,283' to 11,567' AROP = 57 fph WOB = 30 – 50 kips TD RPM = 20 (Rotating Only) Motor RPM = 262 GPM = 525 ppg SPP = 3400 psi MW = 9.8 ppg Visc = 50  Note: Rotating Intervals: 11,472 - 11,483' Formation: 3rd Bone Springs Sand (11,089' TVD)
11:00	14:00	3.00	Drilling	Build Curve f/ 11,567' to 11,740' AROP = 58 fph WOB = 30 – 50 kips TD RPM = 20 (Rotating Only) Motor RPM = 262 GPM = 525 ppg SPP = 3400 psi MW = 9.8 ppg Visc = 50  Note: End of Build: 11,740' Rotating Intervals: 11,567' - 11,603'; 11,700' - 11,707' Formation: 3rd Bone Springs Sand
14:00	17:30	3.50	Drilling	Drlg f/ 11,740' to 11,955' AROP = 61 fph WOB = 25 - 30 kips TD RPM = 20 Motor RPM = 262 GPM = 525 ppg SPP = 3200 psi MW = 9.8 ppg Visc = 50  Note: Pump 1st Hi-visc sweep prior to TD. Formation: Wolfcamp A (11,402' TVD)
17:30	19:45	2.25	Planned	Circulate 2 High Visc Sweeps.
19:45	01:30	5.75	Planned	Pull 5 Stands wet. Pump slug.  TOH t/ BHA.  Note: Flow Check @ 10,800': static No Tight spots. Pull Rotating Head at 1,704'.  Notified TRRC of intent to run and cement casing @ 20:30 (Lewisha OP #18)
01:30	06:00	4.50	Planned	L/D 5" DP, 5" HWDP, Directional BHA, and Bit  Note: Pull wear bushing. Witnessed by CM.
<b>Total Hours:</b>		<b>24</b>		

### 24 Hour Activity Summary:

BUILD CURVE F/ 11,283' T/ 11,955. CIRCULATE 2 BOTTOMS UP. FLOW CHECK. TOH T/ BHA. L/D BHA.

### 24 Hour Plan Forward:

R/U CASING EQUIPMENT. RUN 7" CASING TO 11,940'. CIRCULATE 1.5 TIMES CASING VOLUME. PERFORM INTERMEDIATE CEMENT JOB.











## Daily Drilling Report

Well Name UTL 2932-17 2H

Report Date 05/09/2017

API 42-475-37198

Field	Phantom Wolfcamp	Supervisor	Joel Kaufman	Rig Up Days	0.56	Report No.	14
Location	Sec 12, Block 17	Supervisor 2	Chris Montan	Surface Days	2.38	DFS	13.08333333
County	Ward	Rig Phone	432-253-3863	Inter. 1 Days	6.73	Spud Date	04/26/2017
Rig Name	X20	Rig Email	JEPrig05@jaggedpeakenergy.com	Inter 2 Days	5.35	AFE	\$3,183,001.00
KB	32	Daily Footage		Prod. Days	1.00	Daily Cost	\$57,588.47
Depth (MD)	11,955	TVD at Bit	11422	Tot. Drill Days	13.08	Cum. Cost	\$1,405,615.16
Estimated TD	21,915			Hrs Drlg			

### Casing Data

Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test
Surface	13-3/8	48.0	H-40	STC		1,176'	
Intermediate	7	32.0	ICY P-110	BTC		11,940'	

## Mud Properties

Type	SPRAYBERRY
Weight	9.8
FV	50
PV	8
YP	18
LCM (ppb)	
Chlorides	107000
% Solids	10
Daily Losses	
Total Losses	

### Last Survey

Depth	Inc	Azi

**BHA**

Description	Length	ID	OD
TK56 / 3.5 REG	0.75'		6.00
4.75 ORBIT RSS	14.85'		4.75
4.75" H-HOP PINXPIN	5.50'	2.81	4.69
4.75" MWD DC(HDS1)	28.53'		4.69
5.75" NM STABILIZER BFF	4.75'	2.25	4.50
5.75" NM PONY COLLAR	15.20'	2.75	4.63
4.75" TOMAX	16.98'	2.75	4.63
4.75" FILTER SUB	5.96'	2.80	4.67
5" MOTOR 7/8 8.2 (5.75" STAB	31.88'		5.00
5.75" GUNDRILL REAMER	4.56'	2.50	4.88
X/O 3.5IF X PT39	2.73'	2.50	4.88
4" DP PT-39	10810.00'	3.34	4.00
<b>Total Length:</b>	<b>10941.69</b>		

### Bit Info

[illegible]

## Safety

Last BOP Test	04/25/2017	Last BOP Drill	04/25/2017	Last Function Test	05/08/2017	Diesel Used	912.00	Diesel Recvd		Diesel on Loc	9,804.00
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### Activity Summary (6:00am - 6:00am)

From	To	Hours	P / U	Summary
06:00	07:00	1.00	Planned	CLEANING CREW WASHING OUT ACTIVE PITS, RIG CREW WASHING THROUGH STACK, FLOW LINE, & BACK TO TRIP TANKS W/ SUGAR WATER
07:00	08:45	1.75	Planned	L/D NEW BHA, CLEANED RIG FLOOR. L/D CSG TOOLS, R/U 4" HANDLING TOOLS, BROUGHT ALL TOOLS FOR LATERAL BHA TO FLOOR.
08:45	10:30	1.75	Planned	P/U BHA # 6 REED TK 56. 4.75" ORBIT RSS. & MWD.
10:30	11:15	0.75	Planned	SURFACE TESTED MWD (GOOD TEST)
11:15	12:15	1.00	Planned	P/U 5" BICO MOTOR , 4.75" TOMAX, PONY COLLAR, FILTER SUB, REAMER & X-OVER
12:15	13:15	1.00	Planned	STRAPPED PIPE ON PIPE RACKS
13:15	18:00	4.75	Planned	P/U 4" DP F/ 135' T/ 5142'. HOLE ACHIEVED PROPER DISPLACEMENT.
18:00	02:30	8.50	Planned	P/U 4" DP F/ 5142' T/ 9818'. HOLE ACHIEVED PROPER DISPLACEMENT.
02:30	03:00	0.50	Planned	RIG SERVICE
03:00	03:15	0.25	Rig NPT	COULD NOT ESTABLISH PUMP PRESSURE. TROUBLESHOOTED SURFACE LINES. RE-ALIGNED VALVES & CAUGHT PRESSURE.
03:15	05:30	2.25	Planned	P/U 4" DP F/ 9818' T/ 10979". HOLE ACHIEVED PROPER DISPLACEMENT.
05:30	06:00	0.50	Planned	INSTALLING HIGH PRESSURE ROTATING HEAD @ REPORT TIME
<b>Total Hours:</b>		<b>24</b>		

### 24 Hour Activity Summary:

L/D CSG TOOLS. P/U BHA & RIH P/U PIPE.

### 24 Hour Plan Forward:

FINISH RIH TAG CMT PERFORM CSG TEST. DRILL OUT SHOE TRACK. DISPLACE HOLE WITH CALCIUM CHLORIDE. D/A IN 6" LATERAL SECTION





## Daily Drilling Report

Well Name UTL 2932-17 2H

Report Date 05/10/2017

**API** 42-475-37198

Field	Phantom Wolfcamp	Supervisor	Joel Kaufman	Rig Up Days	0.56	Report No.	15
Location	Sec 12, Block 17	Supervisor 2	Chris Montan	Surface Days	2.38	Dfs	14.08333333
County	Ward	Rig Phone	432-253-3863	Inter. 1 Days	6.73	Spud Date	04/26/2017
Rig Name	X20	Rig Email	JEPRig05@jaggedpeakenergy.com	Inter 2 Days	5.35	Afe	\$3,183,001.00
KB	32	Daily Footage	983	Prod. Days	2.00	Daily Cost	\$472,179.33
Depth (MD)	12,938	TVD at Bit	11451	Tot. Drill Days	14.08	Cum. Cost	\$1,894,694.49
Estimated TD	21,915			Hrs Drilg	14.75		

### Casing Data

Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test
Surface	13-3/8	48.0	H-40	STC		1,176'	
Intermediate	7	32.0	ICY P-110	BTC		11,940'	

## Mud Properties

Type	CALCIUM CHLORIDE
Weight	11.1
FV	41
PV	9
YP	5
LCM (ppb)	
Chlorides	352000
% Solids	18
Daily Losses	
Total Losses	

### Last Survey

Depth	Inc	Azi
12,808'	91.81°	253.08°

**BHA**

Description	Length	ID	OD
TK56 / 3.5 REG	0.75'		6.00
4.75 ORBIT RSS	14.85'		4.75
4.75" H-HOP PINXPIN	5.50'	2.81	4.69
4.75" MWD DC(HDS1)	28.53'		4.69
5.75" NM STABILIZER BFF	4.75'	2.25	4.50
5.75" NM PONY COLLAR	15.20'	2.75	4.63
4.75" TOMAX	16.98'	2.75	4.63
4.75" FILTER SUB	5.96'	2.80	4.67
5" MOTOR 7/8 8.2 (5.75" STAB	31.88'		5.00
5.75" GUNDRILL REAMER	4.56'	2.50	4.88
X/O 3.5IF X PT39	2.73'	2.50	4.88
4" DP PT-39	10810.00'	3.34	4.00
<b>Total Length:</b>	<b>10941.69</b>		

## Bit Info

[illegible]

## Safety

Last BOP Test	04/25/2017	Last BOP Drill	04/25/2017	Last Function Test	05/08/2017	Diesel Used	1,120.00	Diesel Recvd	7,504.00	Diesel on Loc	16,188.00
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### Activity Summary (6:00am - 6:00am)

From	To	Hours	P / U	Summary
06:00	07:00	1.00	Planned	P/U 4" DP F/ 10979" T/ 11,434". HOLE ACHIEVED PROPER DISPLACEMENT.
07:00	07:30	0.50	Planned	MU DOUBLE OF HWDP, & KEEP 4" PIPE FOR KELLY STAND.
07:30	08:00	0.50	Planned	INSTALL HIGH PRESSURE ROTATING HEAD.
08:00	08:30	0.50	Planned	TAGGED CEMENT @ 11434'. PRESSURE TESTED CSG TO 1500 PSI (PRESSURE HELD GOOD TEST)
				DRILLED CEMENT & FLOAT EQUIPMENT F/ 11,434' T/ 11,955' TAGGED FLOAT COLLAR @ 11,881 & SHOE @ 11,927'.
08:30	12:15	3.75	Planned	225 GPM 2500 PSI 30 RPMS
12:15	13:00	0.75	Drilling	CONTROL DRILL f/ 11,955' to 11,997' AROP = 56 fph WOB = 8 - 10 kips TD RPM = 30 Motor RPM = 158 GPM = 225 ppg SPP = 2500 psi MW = 11.3 ppg Visc = 39
13:00	13:30	0.50	Planned	DOWNLINK TOOL
13:30	18:00	4.50	Drilling	CONTROL DRILL f/ 11,997' to 12,272' (275') AROP = 61 fph WOB = 8 - 10 kips TD RPM = 30 Motor RPM = 158 GPM = 225 ppg SPP = 2500 psi MW = 11.3 ppg Visc = 39  Note: HELD 600 PSI ON BACKSIDE ON EVERY CONNECTION
18:00	18:30	0.50	Planned	DOWNLINK TOOL
18:30	19:00	0.50	Planned	RIG SERVICE. INSTALL NEW LO-TORQUE VALVE ON KILL LINE.
19:00	04:30	9.50	Drilling	DRILL f/ 12,272' to 12,938' (666') AROP = 70 fph WOB = 12 - 20 kips TD RPM = 70-90 Motor RPM = 158 GPM = 225 ppg SPP = 3100 psi MW = 11.1 ppg Visc = 39  Note: HELD 600 PSI ON BACKSIDE ON EVERY CONNECTION
04:30	05:00	0.50	Planned	RIG SERVICE
05:00	06:00	1.00	Rig NPT	TROUBLESHOOT PUMPS. COULD NOT ESTABLISH CORRECT PRESSURE TO PUMP UP SURVEY ON ANY MPS. WENT THROUGH MP #1 #2 & #3. WAS ABLE TO RE ESTABLISH GOOD PRESSURE ON MP#1. PUMPED UP SURVEY & RESUMED DRILLING
Total Hours:	24			

### 24 Hour Activity Summary:

DRILLED 6' LATERAL TROUBLESHOOTED MUD PUMPS FOR 1.0 HOURS

**24 Hour Plan Forward:**

DRILLING AHEAD AS PER DIRECTIONAL PLAN TO TD @ 21,915' MD





## Daily Drilling Report

Well Name UTL 2932-17 2H

Report Date 04/04/2017

**API** 42-475-37198

Field	Phantom Wolfcamp	Supervisor	WADE FRAME	Rig Up Days		Report No.	
Location	Sec 12, Block 17	Supervisor 2		Surface Days	0.27	DFS	
County	Ward	Rig Phone	432-253-3863, 406 250-5585	Inter. 1 Days		Spud Date	
Rig Name	X20	Rig Email	JEP Rig05@jaggedpeakenergy.com	Inter 2 Days		A/E	\$3,183,001.00
KB		Daily Footage		Prod. Days		Daily Cost	\$116,464.85
Depth (MD)		TVD at Bit		Tot. Drill Days		Cum. Cost	\$116,464.85
Estimated TD				Hrs Drilg	4.00		

### 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

**BHA**

Description	Length	ID	OD
Total Length:			

## Bit Info

[illegible]

## Safety

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

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

From	To	Hours	P / U	Summary
				PICK UP BHA #1 AS FOLLOWS. 17.25" od STAB NMDC UBHO X-O SHOCK SUB
23:30	03:30	4.00	Drilling	NOTE RIG ACCEPTED ON UTL 2932-17 2H WELL AT 23:30 HOURS ON 4/03/2017. TRRC SHARA CONTACTED OF INTENT TO SPUD AT 06:00 HRS, 4/03/2017. JOB NUMBER: 77744.
03:30	06:00	2.50	UnPlanned	ALTITUDE DID NOT SEND BIT SUB OUT W/ DRILLING PACKAGE. PICK UP AND RACK BACK 5" HWDP WHILE WAITING ON BIT SUB.
<b>Total Hours:</b>		<b>6.5</b>		

### 24 Hour Activity Summary:

ACCEPT RIG, PICK UP BHA

**24 Hour Plan Forward:**

DRILL 17-1/2" SURFACE HOLE







## Daily Drilling Report

Well Name UTL 2932-17 2H

Report Date 05/11/2017

**API** 42-475-37198

Field	Phantom Wolfcamp	Supervisor	Joel Kaufman	Rig Up Days	0.56	Report No.	16
Location	Sec 12, Block 17	Supervisor 2	Chris Montan	Surface Days	2.38	DFS	15.08333333
County	Ward	Rig Phone	432-253-3863	Inter. 1 Days	6.73	Spud Date	04/26/2017
Rig Name	X20	Rig Email	JEP Rig05@jaggedpeakenergy.com	Inter 2 Days	5.35	AFE	\$3,183,001.00
KB	32	Daily Footage	461	Prod. Days	3.00	Daily Cost	\$75,990.06
Depth (MD)	13,399	TVD at Bit	11454	Tot. Drill Days	15.08	Cum. Cost	\$1,956,634.55
Estimated TD	21,915			Hrs Drilg	13.50		

### Casing Data

Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test
Surface	13-3/8	48.0	H-40	STC	32'	1,176'	
Intermediate	7	32.0	ICY P-110	BTC	32'	11,940'	

## Mud Properties

Type	CALCIUM CHLORIDE
Weight	11.6
FV	39
PV	10
YP	3
LCM (ppb)	
Chlorides	315000
% Solids	16
Daily Losses	
Total Losses	

### Last Survey

Depth	Inc	Azi
13,285'	90.58°	251.46°

**BHA**

Description	Length	ID	OD
TK56 / 3.5 REG	0.75'		6.00
4.75 ORBIT RSS	14.85'		4.75
4.75" H-HOP PINXPIN	5.50'	2.81	4.69
4.75" MWD DC(HDS1)	28.53'		4.69
5.75" NM STABILIZER BFF	4.75'	2.25	4.50
5.75" NM PONY COLLAR	15.20'	2.75	4.63
4.75" TOMAX	16.98'	2.75	4.63
4.75" FILTER SUB	5.96'	2.80	4.67
5" MOTOR 7/8 8.2 (5.75" STAB	31.88'		5.00
5.75" GUNDRILL REAMER	4.56'	2.50	4.88
X/O 3.5IF X PT39	2.73'	2.50	4.88
4" DP PT-39	10810.00'	3.34	4.00
<b>Total Length:</b>	<b>10941.69</b>		

## Bit Info

[illegible]

## Safety

Last BOP Test	04/25/2017	Last BOP Drill	04/25/2017	Last Function Test	05/08/2017	Diesel Used	2,280.00	Diesel Recvd		Diesel on Loc	13,908.00
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### Activity Summary (6:00am - 6:00am)

From	To	Hours	P / U	Summary
06:00	12:00	6.00	Drilling	DRILL f/ 12,938' to 13,139' (201') AROP = 33.5 lph WOB = 12 - 20 kips TD RPM = 70-80 Motor RPM = 158 GPM = 250 ppg SPP = 3100 psi MW = 11.5 ppg Visc = 41  Note: HELD 600 PSI ON BACKSIDE ON EVERY CONNECTION
12:00	12:30	0.50	UnPlanned	TRANSFERRED IN 100 BBLs OF 11.6 PPG CALCIUM CHLORIDE TO ACTIVE MUD SYSTEM
12:30	18:00	5.50	Drilling	DRILL f/ 13,139' to 13,319' (180') AROP = 32.7 lph WOB = 24 kips TD RPM = 70 Motor RPM = 169 GPM = 241 ppg SPP = 3700 psi MW = 11.6 ppg Visc = 40  Note: HELD 600 PSI ON BACKSIDE ON EVERY CONNECTION
18:00	20:00	2.00	UnPlanned	CIRCULATING & REAMING THROUGH TIGHT HOLE. HIT TIGHT SPOTS F/ 13,285' T/ 13,313' MD. TD RPM 90 180-250 GPMS TQ 11-14K . ESTABLISHED GOOD PRESSURE & HOLE CONDITIONS IMPROVED. RESUMED DRILLING
20:00	22:00	2.00	Drilling	DRILL f/ 13,319' to 13,399' (80') AROP = 40 lph WOB = 24 kips TD RPM = 90 Motor RPM = 169 GPM = 241 ppg SPP = 3800 psi MW = 11.6 ppg Visc = 40  Note: HELD 800 PSI ON BACKSIDE ON EVERY CONNECTION
22:00	01:30	3.50	UnPlanned	DECISION WAS MADE TO TOOHP DUE TO LOW ROP. PUMPED 30 BBL WEIGHTED SWEEP(2 PPG OVER) & 2 BOTTOMS UP. WHILE CIRCULATING & REAMING PIPE HIT TIGHT SPOT @ 13220' MD. WORKED THROUGH TIGHT SPOT. SWEEP BROUGHT UP MINIMAL INCREASE IN FINES.
01:30	04:30	3.00	UnPlanned	TOOH WET F/ 13,220' T/ 10950' . HELD 800 PSI ON BACKSIDE WHILE TOOHP. SLICK HOLE NO OVERPULL OBSERVED.
04:30	06:00	1.50	UnPlanned	PUMPED 200 BBL 14.5 PPG KILL PILL.
Total Hours:	24			

### 24 Hour Activity Summary:

DRILL T/ 13,399' MD. TOO H DUE TO LOW ROP.

**24 Hour Plan Forward:**

POOH L/D BHA #6 P/U BHA #7 TIH & CONTINUE D/O LATERAL 6"





## Daily Drilling Report

Well Name UTL 2932-17 2H

Report Date 04/05/2017

**API** 42-475-37198

Field	Phantom Wolfcamp	Supervisor	KING BROWN	Rig Up Days		Report No.	2
Location	Sec 12, Block 17	Supervisor 2		Surface Days	1.27	DFS	1
County	Ward	Rig Phone	432-253-3863, 307-330-7116	Inter. 1 Days		Spud Date	04/04/2017
Rig Name	X20	Rig Email	JEPRI05@jaggedpeakenergy.com	Inter 2 Days		AFE	\$3,183,001.00
KB		Daily Footage	1181	Prod. Days		Daily Cost	\$84,887.85
Depth (MD)	1,181	TVD at Bit		Tot. Drill Days		Cum. Cost	\$201,352.70
Estimated TD				Hrs Drig			

### Casing Data

Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test
Surface	13-3/8	48.0	H-40	STC		1,181'	

## Mud Properties

Type	WATER
Weight	8.4
FV	27
PV	
YP	
LCM (ppb)	
Chlorides	1700
% Solids	3.8
Daily Losses	
Total Losses	

### Last Survey

Depth	Inc	Azi

**BHA**

Description	Length	ID	OD
17 1/2" ULTERRA	1.50'		17.50
BIT SUB	3.52'		
SHOCK SUB	11.63'		
	3.42'		
NM DC	29.11'		
NM DC	28.58'		
	8.27'		
	2.58'		
8" DC	90.42'		
	3.60'		
12, 6.5" DC'S	365.85'		
5" HWDP	638.41'		
<b>Total Length:</b>	<b>1186.89</b>		

## Bit Info

[illegible]

## Safety

Last BOP Test		Last BOP Drill		Last Function Test		Diesel Used	876.00	Diesel Recvd	6,997.00	Diesel on Loc	6,121.00
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### Activity Summary (6:00am - 6:00am)

<b>From</b>	<b>To</b>	<b>Hours</b>	<b>P / U</b>	<b>Summary</b>
06:00	10:30	4.50	Planned	P/U BHA DRILLING F/ 80' T/142 ' . . AROP = 41 WOB = 10 TD RPM = 40 MOTOR RPM =0 GPM = 300 SSP = 20
10:30	12:00	1.50	Planned	
12:00	18:00	6.00	Planned	DRILLING F/ 184' T/680 ' . . AROP = 82 WOB = 28 TD RPM = 96 MOTOR RPM =0 GPM = 670 SSP = 439
18:00	00:30	6.50	Planned	DRILLING F/ 680' T/1181 ' . . AROP = 77 WOB = 35 TD RPM = 42-100 MOTOR RPM =0 GPM = 712 SSP = 781
00:30	01:30	1.00	Planned	PUMP SWEEP AND CIRC TO CLEAN HOLE
01:30	04:00	2.50	Planned	POOH
04:00	05:00	1.00	Planned	PRE JOB SAFETY MEETING AND RIG UP CASING TOOLS
05:00	06:00	1.00	Planned	PICK UP AND RUN SURFACE CASING
<b>Total Hours:</b>		<b>24</b>		

### 24 Hour Activity Summary:

RIG UP AND SPUD WELL @10:30 AM

### 24 Hour Plan Forward:

DRILL SURFACE





## Daily Drilling Report

Well Name UTL 2932-17 2H

Report Date 04/06/2017API [42-475-37198](#)

Field	Phantom Wolfcamp	Supervisor	KING BROWN	Rig Up Days		Report No.	3
Location	Sec 12, Block 17	Supervisor 2		Surface Days	1.77	DFS	2
County	Ward	Rig Phone	432-253-3863, 307-330-7116	Inter. 1 Days		Spud Date	04/04/2017
Rig Name	X20	Rig Email	JEPRig05@jaggedpeakenergy.com	Inter 2 Days		AFE	\$3,183,001.00
KB		Daily Footage		Prod. Days		Daily Cost	\$71,826.00
Depth (MD)	1,181	TVD at Bit		Tot. Drill Days		Cum. Cost	\$274,581.70
Estimated TD				Hrs Drlg			

### Casing Data

Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test
Surface	13-3/8	48.0	H-40	STC		1,181'	

### Mud Properties

Type	WATER
Weight	8.4
FV	27
PV	
YP	
LCM (ppb)	
Chlorides	1700
% Solids	3.8
Daily Losses	
Total Losses	

### Last Survey

Depth	Inc	Azi

## BHA

Description	Length	ID	OD
17 1/2" ULTERRA	1.50'		17.50
BIT SUB	3.52'		
SHOCK SUB	11.63'		
	3.42'		
NM DC	29.11'		
NM DC	28.58'		
	8.27'		
	2.58'		
8" DC	90.42'		
	3.60'		
12, 6.5" DC'S	365.85'		
5" HWDP	638.41'		
<b>Total Length:</b>	<b>1186.89</b>		

### Bit Info

[illegible]

## Safety

Last BOP Test		Last BOP Drill		Last Function Test		Diesel Used		Diesel Recvd		Diesel on Loc	6,121.00
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**Activity Summary (6:00am - 6:00am)**

<b>From</b>	<b>To</b>	<b>Hours</b>	<b>P / U</b>	<b>Summary</b>
06:00	08:00	2.00	Planned	RUN 13 3/8" CASING F/ 213' T/ 1149"
08:00	09:30	1.50	Planned	P/U LANDING JOINT . CASING LANDED @ 1176'.
09:30	10:30	1.00	Planned	CIRC AND COND WELL BORE @ 1176'.
10:30	11:30	1.00	Planned	R/D CASING EQUIPMENT
11:30	12:00	0.50	Planned	R/U CEMENTING EQUIP.
12:00	13:00	1.00	Planned	PRESSURE TEST CEMENT EQUIP. LEAK AT CEMENT HEAD. REMOVE AND REPAIR LEAK. RETEST T/1000psi. (GOOD)
13:00	15:30	2.50	Planned	MIX AND PUMP 30 bbl SPACER, 470 SACKS (190 bbl) LEAD, 265 SACKS (62 bbl) TAIL. RELEASE WIPER PLUG AND DISPLACE W/171 bbl FRESH WATER. BUMP BLUG +500 psi. BLEED BACK 1 bbl, FLOATS HELD
15:30	16:00	0.50	Planned	R/D CEMENT EQUIP
16:00	18:00	2.00	Planned	REMOVE LANDING JOINT. INSTALL "B" SECTION AND WELL COVER. RELEASE RIG @18:00 hrs. T/ UTL 2932-17-3H.
<b>Total Hours:</b>		<b>12</b>		

**24 Hour Activity Summary:**

**RUN SURFACE CASING AND CEMENT IN PLACE**

**24 Hour Plan Forward:**

SKID RIG T/ UTL 2932-17-3H





## Daily Drilling Report

Well Name UTL 2932-17 2H

Report Date 04/25/2017

API 42-475-37198

Field Location	Phantom Wolfcamp Sec 12, Block 17	Supervisor	KING BROWN	Rig Up Days		Report No.	4
County	Ward	Supervisor 2		Surface Days	2.02	DFS	21
Rig Name	X20	Rig Phone	432-253-3863, 307-330-7116	Inter. 1 Days		Spud Date	04/04/2017
KB		Rig Email	JEPRig05@jaggedpeakenergy.com	Inter 2 Days		AFE	\$3,183,001.00
Depth (MD)	1,181	Daily Footage		Prod. Days		Daily Cost	\$68,341.00
Estimated TD		TVD at Bit		Tot. Drill Days		Cum. Cost	\$369,600.20
				Hrs Drlg			

### Casing Data

Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test
Surface	13-3/8	48.0	H-40	STC		1,181'	

### Mud Properties

Type	WATER
Weight	8.4
FV	27
PV	
YP	
LCM (ppb)	
Chlorides	1700
% Solids	3.8
Daily Losses	
Total Losses	

### Last Survey

Depth	Inc	Azi

## BHA

Description	Length	ID	OD
<b>Total Length:</b>			

### Bit Info

[illegible]

## Safety

Last BOP Test		Last BOP Drill		Last Function Test		Diesel Used		Diesel Recvd		Diesel on Loc	6,121.00
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**Activity Summary (6:00am - 6:00am)**

From	To	Hours	P / U	Summary
00:00	01:00	1.00	Planned	WALK RIG 30' F/ UTL 2932 17 3H.
01:00	06:00	5.00	Planned	SET STACK N/U WELL HEAD. UNHOOKED TROLLEY WENCHES. N/D ROTATING HEAD HAD TO TURN 2 HOLES TO FIT TO FLOW LINE. RAISE V DOOR & PIP TO RIG FLOOR. HOOKED UP FLOW LINE TO PITS. INSTALLED BLANK TO MANIFOLD WHERE FL WAS CONNECTED TO PITS. CLEAN PITS. HOOK UP KILI LINE TO STACK. INSTALLED BLANK TA CAP ON UTL 2932 17 3H.
<b>Total Hours:</b>		<b>6</b>		

**24 Hour Activity Summary:**

## SKID RIG & BEGIN RIGGING UP

**24 Hour Plan Forward:**

FINISH RIGGING UP. TEST BOPS. PUBHA DRILL OUT 12.25" VERTICAL SECTION







## Daily Drilling Report

Well Name UTL 2932-17 2H

Report Date 04/26/2017

**API** 42-475-37198

Field Location	Phantom Wolfcamp Sec 12, Block 17	Supervisor	Nathanial Baxter	Rig Up Days	0.56	Report No.	5
County	Ward	Supervisor 2		Surface Days	2.02	DFS	0.4375
Rig Name	X20	Rig Phone	432-253-3863, 307-752-9052	Inter. 1 Days	0.44	Spud Date	04/04/2017
KB		Rig Email	JEPrig05@jaggedpeakenergy.com	Inter 2 Days		AFE	\$3,183,001.00
Depth (MD)	1,450	Daily Footage	269	Prod. Days		Daily Cost	\$73,092.00
Estimated TD		TVD at Bit	1450	Tot. Drill Days	0.44	Cum. Cost	\$442,692.20
				Hrs Drig	2.00		

### Casing Data

Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test
Surface	13-3/8	48.0	H-40	STC		1,176'	

## Mud Properties

Type	BRINE
Weight	9.8
FV	29
PV	1
YP	2
LCM (ppb)	
Chlorides	180700
% Solids	12
Daily Losses	
Total Losses	

### Last Survey

Depth	Inc	Azi

**BHA**

Description	Length	ID	OD
PDC SK716M-N2C	1.00'		12.25
5" 7/8 4: 0.166 RPG 1.5 deg F	29.47'		8.63
8" Shock Sub	10.97'	2.88	7.88
11.75" Gauge Stabilizer	7.20'	2.75	8.25
X/O 5 1/2 IF X 6 5/8 Reg	3.42'	2.88	8.00
8" MWD HDS1 Collar	29.81'	4.25	7.87
8" NMDC	28.50'	3.25	8.03
X/O 6 5/8 reg X NC56	2.55'	2.88	8.00
8" Steel DC	30.14'	3.00	8.00
X/O NC56 X NC46	3.60'	3.00	8.00
6.5" Spiral Steel DC	365.76'	3.00	6.50
X/O NC46 X 4 1/2IF	3.12'	3.00	6.00
<b>Total Length:</b>	<b>515.54</b>		

## Bit Info

[illegible]

## Safety

Last BOP Test	04/25/2017	Last BOP Drill	04/25/2017	Last Function Test	04/25/2017	Diesel Used		Diesel Recvd		Diesel on Loc	6,121.00
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### Activity Summary (6:00am - 6:00am)

From	To	Hours	P / U	Summary
06:00	08:30	2.50	Planned	R/U Post Skid. Install Flow line Verified rig center over well and BOP snubbed off center under rotary table. Add 25' extensions for rig flare and panic lines. Skid drive over, flare and panic run lines 5' towards rig to tie in. Shaker Bypass (Overboard line) Install 30' of PVC and 2 elbows to accommodate rig set. Install cellar covers around BOP. Install Cellar barricades around 3H well.
08:30	12:00	3.50	Planned	JPE Contracted welder Install Drill choke 3" flow line retro fit down stream the orbit valve on flow line. Cap off existing inlet on Buster feed line. Stage Tester tools and BHA to catwalk.
12:00	18:30	6.50	Planned	PJSM W/ Battle testers/ Rig Crew Test BOPE 250 / 5000 psi low/high 5 min ea. Annular 3500 psi. Accumulator integrity test. All test Good. Pull test plug Good Casing pressure test 1,380 psi for 30 min R/D Tester
18:30	19:30	1.00	Planned	Rig service. Perform drop object inspection. X/O Saver sub (DS40 / NC56) X/O Grabber box dies. Install Wear Bushing
19:30	23:30	4.00	Planned	P/U BHA #2 as follows: (12 1/4" 1st Intermediate drilling Asym.) 12 1/4" NOV SK716M-N2C PDC Bit. 7 3/4" 1.5 deg Wenzel Motor., 7:8 4 0.166RPG 8" Shock Sub 8" Stabilizer (11 3/4") 8" MWD Non mag collars (DSM Verified Scribe and MWD set ) Good Surface test MWD  RIH F/Surface T/900'
23:30	01:30	2.00	Planned	Slip and cut drill line
01:30	02:00	0.50	Planned	Perform Choke drill Driller on pump. Derickman on choke.
02:00	03:00	1.00	Planned	RIH F/900' - T/1,130'  Tagged Cement stringers @ 1,125'
03:00	04:00	1.00	Planned	Drill out 13 5/8 cement and float equipment  3-5 WOB 150 Diff 35 RPMS 475 GPM  Float collar observed @ 1,130' Shoe Observed @ 1,175' Cement good and Firm. Original new Hole Observed @ 1,181'  Pull up through shoe free and clear.
04:00	06:00	2.00	Drilling	Drill 12 1/4" Intermediate 1 Hole F/1,181' - T/1,450' (269') AROP-134.5' WOB-25 RPM-70 DIFF-400 GPM-700
Total Hours:		24		

24 Hour Activity Summary:

R/U Post Skid. N/U BOPE. Test BOPE. P/U BHA #2. Drill Out 13 3/8" Surface . Drill 12 1/4" First Intermediate Hole Section F/1,181' - T/ 1,450'	
24 Hour Plan Forward:	Drill 1st Intermediate 12 1/4" Hole Section





## Daily Drilling Report

Well Name UTL 2932-17 2H

Report Date 04/27/2017

**API** 42-475-37198

Field Location	Phantom Wolfcamp Sec 12, Block 17	Supervisor	Nathanial Baxter	Rig Up Days	0.56	Report No.	6
County	Ward	Supervisor 2		Surface Days	2.02	Dfs	1.4375
Rig Name	X20	Rig Phone	432-253-3863, 307-752-9052	Inter. 1 Days	1.44	Spud Date	04/04/2017
KB		Rig Email	JEPrig05@jaggedpeakenergy.com	Inter 2 Days		Afe	\$3,183,001.00
Depth (MD)	3,610	Daily Footage	2160	Prod. Days		Daily Cost	\$32,043.00
Estimated TD		TVD at Bit	3609	Tot. Drill Days	1.44	Cum. Cost	\$424,888.20
				Hrs Drlg	22.50		

### Casing Data

Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test
Surface	13-3/8	48.0	H-40	STC		1,176'	

## Mud Properties

Type	BRINE
Weight	10.25
FV	29
PV	1
YP	2
LCM (ppb)	
Chlorides	182000
% Solids	14
Daily Losses	
Total Losses	

### Last Survey

Depth	Inc	Azi
3,266'	1.98°	323.43°

**BHA**

Description	Length	ID	OD
PDC SK716M-N2C	1.00'		12.25
5" 7/8 4: 0.166 RPG 1.5 deg F	29.47'		8.63
8" Shock Sub	10.97'	2.88	7.88
11.75" Gauge Stabilizlar	7.20'	2.75	8.25
X/O 5 1/2 IF X 6 5/8 Reg	3.42'	2.88	8.00
8" MWD HDS1 Collar	29.81'	4.25	7.87
8" NMDC	28.50'	3.25	8.03
X/O 6 5/8 reg X NC56	2.55'	2.88	8.00
8" Steel DC	30.14'	3.00	8.00
X/O NC56 X NC46	3.60'	3.00	8.00
6.5" Spiral Steel DC	365.76'	3.00	6.50
X/O NC46 X 4 1/2IF	3.12'	3.00	6.00
<b>Total Length:</b>	<b>515.54</b>		

## Bit Info

[illegible]

## Safety

Last BOP Test	04/25/2017	Last BOP Drill	04/25/2017	Last Function Test	04/25/2017	Diesel Used		Diesel Recvd		Diesel on Loc	6,121.00
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### Activity Summary (6:00am - 6:00am)

From	To	Hours	P / U	Summary
06:00	12:00	6.00	Drilling	<p>Drill 12 1/4" Intermediate 1 Hole F/1,450'- T/2,104' (654') AROP-109 WOB-25 RPM-70 DIFF-400 GPM-700</p> <p>Slide F/ 1,928' - T/1,949' @ 210 deg Azm to correct angle in well.</p>
12:00	13:30	1.50	Planned	<p>Swap TDS over to 4 1/2" DS40 Handling tools. Perform Rig service Install X/O in drill string.</p>
13:30	18:00	4.50	Drilling	<p>Drill 12 1/4" Intermediate 1 Hole F/2,104'- T/2,675' (571') AROP-127 WOB-25 RPM-70 DIFF-400 GPM-700</p> <p>Slide F/ 2,591' - T/2,611' (1HR)</p>
18:00	06:00	12.00	Drilling	<p>Drill 12 1/4" Intermediate 1 Hole F/2,675'- T/3,610' (935') AROP-78 WOB-35 RPM-55 DIFF-600 GPM-700</p> <p>Slide F/ 2,974' - T/3,007' (1HR) Slide F/ 3,260' - T/3,290' (1HR)</p>
Total Hours:		24		

### 24 Hour Activity Summary:

Drill 12 1/4" First Intermediate Hole Section F/1,450' - T/ 3,610'

**24 Hour Plan Forward:**

Drill 1st Intermediate 12 1/4" Hole Section





## Daily Drilling Report

Well Name UTL 2932-17 2H

Report Date 04/28/2017

**API** 42-475-37198

Field	Phantom Wolfcamp	Supervisor	Nathanial Baxter	Rig Up Days	0.56	Report No.	7
Location	Sec 12, Block 17	Supervisor 2		Surface Days	2.02	Dfs	2.4375
County	Ward	Rig Phone	432-253-3863, 307-752-9052	Inter. 1 Days	2.44	Spud Date	04/04/2017
Rig Name	X20	Rig Email	JEPrig05@jaggedpeakenergy.com	Inter 2 Days		Afe	\$3,183,001.00
KB		Daily Footage	1065	Prod. Days		Daily Cost	\$31,043.00
Depth (MD)	4,675	TVD at Bit	4673	Tot. Drill Days	2.44	Cum. Cost	\$458,249.88
Estimated TD				Hrs Drlg	18.50		

### Casing Data

Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test
Surface	13-3/8	48.0	H-40	STC		1,176'	

## Mud Properties

Type	BRINE
Weight	10.25
FV	29
PV	1
YP	2
LCM (ppb)	
Chlorides	182000
% Solids	14
Daily Losses	
Total Losses	

### Last Survey

Depth	Inc	Azi

**BHA**

Description	Length	ID	OD
PDC SK716M-N2C	1.00'		12.25
5" 7/8 4: 0.166 RPG 1.5 deg F	29.47'		8.63
8" Shock Sub	10.97'	2.88	7.88
11.75" Gauge Stabilizlar	7.20'	2.75	8.25
X/O 5 1/2 IF X 6 5/8 Reg	3.42'	2.88	8.00
8" MWD HDS1 Collar	29.81'	4.25	7.87
8" NMDC	28.50'	3.25	8.03
X/O 6 5/8 reg X NC56	2.55'	2.88	8.00
8" Steel DC	30.14'	3.00	8.00
X/O NC56 X NC46	3.60'	3.00	8.00
6.5" Spiral Steel DC	365.76'	3.00	6.50
X/O NC46 X 4 1/2IF	3.12'	3.00	6.00
<b>Total Length:</b>	<b>515.54</b>		

### Bit Info

[illegible]

## Safety

Last BOP Test	04/25/2017	Last BOP Drill	04/25/2017	Last Function Test	04/25/2017	Diesel Used		Diesel Recvd		Diesel on Loc	6,121.00
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## Fuel

Diesel Used		Diesel Recvd		Diesel on Loc	6,121.00
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### Activity Summary (6:00am - 6:00am)

From	To	Hours	P / U	Summary
06:00	18:00	12.00	Drilling	Drill 12 1/4" Intermediate 1 Hole F/3,610'- T/4,293' (683') AROP-57 WOB-35 RPM-55 DIFF-600 GPM-700  Slide F/ 3,722' - T/3,747' (1HR) Slide F/ 4,231' - T/4,293' (1HR)
18:00	00:30	6.50	Drilling	Drill 12 1/4" Intermediate 1 Hole F/4,293'- T/ 4,675' (382') AROP-59 WOB-35 RPM-55 DIFF-600 GPM-700  Slide F/ 4,586' - T/4,616' (1HR)
00:30	06:00	5.50	Planned	Planned Mud swap for 4,700' Clean Pits and sandtraps. Displace brine water with 8.7+ 60 vis Sprayberry mud
Total Hours:		24		

### 24 Hour Activity Summary:

Drill 12 1/4" First Intermediate Hole Section F/3,610' - T/ 4,675' Dump and Clean Pits to displace brine water with 8.8 # 60 vis Sprayberry Mud

**24 Hour Plan Forward:**

Drill 1st Intermediate 12 1/4" Hole Section





## Daily Drilling Report

Well Name UTL 2932-17 2H

Report Date 04/29/2017

**API** 42-475-37198

Field	Phantom Wolfcamp	Supervisor	Nathanial Baxter	Rig Up Days	0.56	Report No.	8
Location	Sec 12, Block 17	Supervisor 2		Surface Days	2.02	Dfs	3.4375
County	Ward	Rig Phone	432-253-3863, 307-752-9052	Inter. 1 Days	3.44	Spud Date	04/04/2017
Rig Name	X20	Rig Email	JEPrig05@jaggedpeakenergy.com	Inter 2 Days		Afe	\$3,183,001.00
KB		Daily Footage	1480	Prod. Days		Daily Cost	\$34,055.42
Depth (MD)	6,155	TVD at Bit	6150	Tot. Drill Days	3.44	Cum. Cost	\$517,304.68
Estimated TD				Hrs Drlg	21.50		

### Casing Data

Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test
Surface	13-3/8	48.0	H-40	STC		1,176'	

## Mud Properties

Type	SPRAYBERRY
Weight	9.35
FV	54
PV	9
YP	28
LCM (ppb)	
Chlorides	59000
% Solids	8
Daily Losses	
Total Losses	

### Last Survey

Depth	Inc	Azi
5,836'	2.11°	312.90°

**BHA**

Description	Length	ID	OD
PDC SK716M-N2C	1.00'		12.25
5" 7/8 4: 0.166 RPG 1.5 deg F	29.47'		8.63
8" Shock Sub	10.97'	2.88	7.88
11.75" Gauge Stabilizer	7.20'	2.75	8.25
X/O 5 1/2 IF X 6 5/8 Reg	3.42'	2.88	8.00
8" MWD HDS1 Collar	29.81'	4.25	7.87
8" NMDC	28.50'	3.25	8.03
X/O 6 5/8 reg X NC56	2.55'	2.88	8.00
8" Steel DC	30.14'	3.00	8.00
X/O NC56 X NC46	3.60'	3.00	8.00
6.5" Spiral Steel DC	365.76'	3.00	6.50
X/O NC46 X 4 1/2IF	3.12'	3.00	6.00
<b>Total Length:</b>	<b>515.54</b>		

### Bit Info

[illegible]

## Safety

Last BOP Test	04/25/2017	Last BOP Drill	04/25/2017	Last Function Test	04/25/2017	Diesel Used	2,264.00	Diesel Recvd		Diesel on Loc	11,856.00
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## Fuel

Diesel Used	2,264.00	Diesel Recvd		Diesel on Loc	11,856.00
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### Activity Summary (6:00am - 6:00am)

From	To	Hours	P / U	Summary
06:00	08:00	2.00	Planned	Planned Mud swap for 4,700' Continue cleaning Pits and sandtraps. Displace brine water with 8.7+ 60 vis Sprayberry mud
08:00	18:00	10.00	Drilling	Drill 1st Intermediate 12 1/4" Hole Section F/4,675' - T/ 5,245' (570') AROP-57 WOB-35 RPM-55 DIFF-600 GPM-750  Slide F/ 4,956' - T/4,971' (1HR)
18:00	01:30	7.50	Drilling	Drill 1st Intermediate 12 1/4" Hole Section F/5,245' - T/ 5,815' (570') AROP-76 WOB-25 RPM-65 DIFF-600 GPM-650  Slide F/ 5,372' - T/5,390' (1HR)  Tight spot observed from 5,390' - 5,374' After sliding 16" observed 30K overpull when attempting to pull off bottom . Reamed up and down to clean up. Checked free and clear w/o pumps and rotary.
01:30	02:00	0.50	Planned	Rig Service
02:00	06:00	4.00	Drilling	Drill 1st Intermediate 12 1/4" Hole Section F/5,815' - T/6,155' (340) AROP-85 WOB-18-24 RPM-55-65 DIFF-450-600 GPM-550
Total Hours:		24		

### 24 Hour Activity Summary:

Displace brine water with Sprayberry Mud. Drill 1st Intermediate 12 1/4" Hole Section F/4,675' - T/6,155'

**24 Hour Plan Forward:**

Drill 1st Intermediate 12 1/4" Hole Section







## Daily Drilling Report

Well Name UTL 2932-17 2H

Report Date 04/30/2017

**API** 42-475-37198

Field	Phantom Wolfcamp	Supervisor	Nathanial Baxter	Rig Up Days	0.56	Report No.	9
Location	Sec 12, Block 17	Supervisor 2		Surface Days	2.02	DFS	4.4375
County	Ward	Rig Phone	432-253-3863, 307-752-9052	Inter. 1 Days	4.44	Spud Date	04/04/2017
Rig Name	X20	Rig Email	JERig05@jaggedpeakenergy.com	Inter 2 Days		AFE	\$3,183,001.00
KB		Daily Footage	991	Prod. Days		Daily Cost	\$55,665.00
Depth (MD)	7,146	TVD at Bit	7140	Tot. Drill Days	4.44	Cum. Cost	\$572,969.68
Estimated TD				Hrs Drilg	21.50		

### Casing Data

Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test
Surface	13-3/8	48.0	H-40	STC		1,176'	

## Mud Properties

Type	SPRAYBERRY
Weight	9.3
FV	47
PV	11
YP	24
LCM (ppb)	
Chlorides	47000
% Solids	6
Daily Losses	
Total Losses	

### Last Survey

Depth	Inc	Azi
7,071'	0.55°	336.54°

**BHA**

Description	Length	ID	OD
PDC SK716M-N2C	1.00'		12.25
5" 7/8 4: 0.166 RPG 1.5 deg F	29.47'		8.63
8" Shock Sub	10.97'	2.88	7.88
11.75" Gauge Stabilizlar	7.20'	2.75	8.25
X/O 5 1/2 IF X 6 5/8 Reg	3.42'	2.88	8.00
8" MWD HDS1 Collar	29.81'	4.25	7.87
8" NMDC	28.50'	3.25	8.03
X/O 6 5/8 reg X NC56	2.55'	2.88	8.00
8" Steel DC	30.14'	3.00	8.00
X/O NC56 X NC46	3.60'	3.00	8.00
6.5" Spiral Steel DC	365.76'	3.00	6.50
X/O NC46 X 4 1/2IF	3.12'	3.00	6.00
<b>Total Length:</b>	<b>515.54</b>		

### Bit Info

[illegible]

## Safety

Last BOP Test	04/25/2017	Last BOP Drill	04/25/2017	Last Function Test	04/25/2017	Diesel Used	2,440.00	Diesel Recvd	7,000.00	Diesel on Loc	16,416.00
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### Activity Summary (6:00am - 6:00am)

From	To	Hours	P / U	Summary
06:00	18:00	12.00	Drilling	Drill 1st Intermediate 12 1/4" Hole Section F/6,155' - T/6,862' (707') AROP-59 WOB-18-24 RPM-55-65 DIFF-450-600 GPM-550
18:00	03:30	9.50	Drilling	Drill 1st Intermediate 12 1/4" Hole Section F/6,862' - T/7,146' (284') AROP-30 WOB-18-24 RPM-55-65 DIFF-450-600 GPM-550  Low ROP. Decision was made to TOOH
03:30	06:00	2.50	UnPlanned	TOOH Due To Low ROP F/7,146' - T/6,475' Pulled tight @ 6,475' Wash/Ream F/ 6,475' - T/6,187' 450 GPM 45 rpms
<b>Total Hours:</b>		<b>24</b>		

### 24 Hour Activity Summary:

Drill 1st Intermediate 12 1/4" Hole Section F/6,155'- T/7,146' TOO H due to low ROP

### 24 Hour Plan Forward:

Drill 1st Intermediate 12 1/4" Hole Section

