
 Daily Drilling Report Onshore		Well Name/Wellbore No.: UNIVERSITY EAST 4412CH/OH Country: USA State/OCSG: TEXAS Field/Permit#: WOLFCAMP EAST Supervisors: CRAIG CART / JOHNNY CHATAGNIER Engineer/Manager: CHAPMAN AMEND / EVANS / GAYDOS		Report Number: 001 Report Date: 02/04/2013 Spud Date: Release Date: DFS: 0.00 DOL: 1 AFE Days: 10 Last BOP T.: Safety & Environmental Incident: No																																									
Depth md/tvd (ft): 913.00 / 912.99 Progress (ft): 913.00 ROP: 913.0 / = 0.00 Proposed TD (ft): 15,105.00 Next Csg Point (ft): 14,800.03		Rig: NORAM DRILLING/21 Rig Phone: 713-997-1265 RKB (ft): 2,746.51 Ground Level (ft): 2,717.0 POB: 43 Total Man Hours: 0.00		<table border="1"> <tr> <th></th> <th>Drig</th> <th>Comp</th> <th>Fac</th> <th>Total</th> </tr> <tr> <td>AFE #:</td> <td>159843/</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Day Cost(\$):</td> <td>328,872</td> <td>0</td> <td>0</td> <td>328,872</td> </tr> <tr> <td>Cum Cost(\$)</td> <td>328,872</td> <td>0</td> <td>0</td> <td>328,872</td> </tr> <tr> <td>AFE(\$):</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> </table>			Drig	Comp	Fac	Total	AFE #:	159843/				Day Cost(\$):	328,872	0	0	328,872	Cum Cost(\$)	328,872	0	0	328,872	AFE(\$):	0	0	0	0															
	Drig	Comp	Fac	Total																																									
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Day Cost(\$):	328,872	0	0	328,872																																									
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AFE(\$):	0	0	0	0																																									
Current Activity: MIRU. 70% MOVED IN. 5% RIGGED UP. 24 Hr Summary: MIRU. 24 Hr Forecast: MIRU.																																													
MUD PROPERTIES		MUD MATERIALS		BIT RECORD																																									
Fluids Co.: Fluids Eng: Time: Location: Pit Temp: Depth: Density: FV: PV: YP: Gels: WL: HTHP: Cake: Solids: ECD:		D M Cost(\$): \$0.00 C M Cost(\$): \$0.00 Mud Additives Used		Bit# S/N Size (in) Mfg IADC Type Model # Jets Depth In (ft) Depth Out (ft) Bit Rotations On Btm Hrs Cum Footage Cum (ft) ROP Cum WOB mm/mx (kip) RPM rot/bit Bit HP HSI PSI Drop (psi) Jet Vel (ft/s) Imp Force																																									
Oil Cnt: H2O Cnt: Sand Cnt: MBT: pH: Pm: Pf/Mf: Chloride: Calcium: LCM: ES (mV): LGS: Ex Lime (ppb): OWR:				Size(in) 16.00 9.63 5.50 MD(ft)/TVD(ft) 45.00 / 883.54 / 14,800.03 / Fit LOT(ppg) 45.00 883.54 14,800.03																																									
INVENTORY																																													
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SURVEYS																																													
MD (ft)	Inclination(°)	Azimuth (°)	TVD (ft)	V Section (ft)	+E/-W (ft)	+N/-S (ft)	Dog Leg (°/100ft)																																						
200	0.51	86.86	200	-0.12	0.82	-0.12	0.31																																						
300	0.44	104.03	300	-0.19	1.64	-0.19	0.16																																						
400	0.15	106.06	400	-0.32	2.13	-0.32	0.29																																						
500	0.28	128.17	500	-0.50	2.45	-0.50	0.15																																						
600	0.16	113.72	600	-0.71	2.77	-0.71	0.13																																						
700	0.31	119.04	700	-0.90	3.14	-0.90	0.15																																						
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818	0.22	71.92	818	-0.88	3.63	-0.88	0.38																																						
OPERATION DETAILS																																													
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION																																						
06:00	06:00	24.00	P	MIRU	01	MIRU	MIRU. 70% MOVED IN. 5% RIGGED UP.																																						
Daily Operations Comments																																													

 Daily Drilling Report Onshore		Well Name/Wellbore No.: UNIVERSITY EAST 4412CH/OH Country: USA State/OCSG: TEXAS Field/Permit#: WOLFCAMP EAST Supervisors: CRAIG CART / JOHNNY CHATAGNIER Engineer/Manager: CHAPMAN AMEND / EVANS / GAYDOS		Report Number: 002 Report Date: 02/05/2013 Spud Date: Release Date: DFS: 0.00 DOL: 2 AFE Days: 10 Last BOP T.: Safety & Environmental Incident: No																										
Depth md/tvd (ft): 913.00 / 912.99 Progress (ft): 0.00 ROP: 0.0 / = 0.00 Proposed TD (ft): 15,105.00 Next Csg Point (ft): 14,800.03		Rig: NORAM DRILLING/21 Rig Phone: 713-997-1265 RKB (ft): 2,746.51 Ground Level (ft): 2,717.0 POB: 33 Total Man Hours: 0.00		<table border="1"> <tr> <th>AFE #:</th> <th>Drig</th> <th>Comp</th> <th>Fac</th> <th>Total</th> </tr> <tr> <td>159843/47968</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Day Cost(\$): 49,760</td> <td>0</td> <td>0</td> <td>0</td> <td>49,760</td> </tr> <tr> <td>Cum Cost(\$) 381,197</td> <td>0</td> <td>0</td> <td>0</td> <td>381,197</td> </tr> <tr> <td>AFE(\$): 0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> </table>		AFE #:	Drig	Comp	Fac	Total	159843/47968					Day Cost(\$): 49,760	0	0	0	49,760	Cum Cost(\$) 381,197	0	0	0	381,197	AFE(\$): 0	0	0	0	0
AFE #:	Drig	Comp	Fac	Total																										
159843/47968																														
Day Cost(\$): 49,760	0	0	0	49,760																										
Cum Cost(\$) 381,197	0	0	0	381,197																										
AFE(\$): 0	0	0	0	0																										
Current Activity: RIGGING UP. 24 Hr Summary: MOVE IN AND RIG UP. 100% MOVED IN. 40% RIGGED UP. 24 Hr Forecast: RIG UP.																														
MUD PROPERTIES		MUD MATERIALS		BIT RECORD																										
Fluids Co.: Fluids Eng: Time: Location: Pit Temp: Depth: Density: FV: PV: YP: Gels: WL: HTHP: Cake: Solids: ECD:		D M Cost(\$): \$0.00 C M Cost(\$): \$0.00 Mud Additives Used		Bit# S/N Size (in) Mfg IADC Type Model # Jets Depth In (ft) Depth Out (ft) Bit Rotations On Btm Hrs Cum Footage Cum (ft) ROP Cum WOB mm/mx (kip) RPM rot/bit Bit HP HSI PSI Drop (psi) Jet Vel (ft/s) Imp Force																										
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MUD LOGGING																														
Trip Gas (units): @ Conn Gas (units) @ Form:		BG Gas (units): Pore Pressure: (%) Surf to Surf: Lag Strokes: Lag Time: (min)		Grading I O D L B G O R Bit # Bit #																										
BHA # 1		STRING LOADS		MUD PUMPS																										
Qty	Item Description	ID (in)	OD (in)	Len (ft)	Cum (ft)																									
1	SECURITY MM66D 6 X 18'S		8.750	1.00	1.00																									
1	1.5" 7/8 5.0 PDM MUD MOTOR. BT		6.750	22.45	23.45																									
1	CROSSOVER	2.250	6.625	3.12	26.57																									
1	NMDC	3.175	6.500	30.55	57.12																									
1	NMDC	3.250	6.500	31.08	88.20																									
1	CROSSOVER	3.250	6.500	6.31	94.51																									
6	6 1/2" DRILL COLLARS	2.250	6.500	191.35	285.86																									
1	CROSSOVER	2.250	6.500	3.15	289.01																									
Total Length:					289.01																									
				BHA PROPERTIES																										
				BHA Hrs: Jar Hrs: Cum String Hours: Weight B Jars (kip):																										
				On Btm Torque: Off Btm Torque: Str. Wt. Up: Str. Wt. Down: Str. Wt. Rot.: Max Over Pull:																										
				Pump Type: Liner ID: SPM: GPM: SPR: 1 SPM: Pressure: 2 SPM: Pressure:																										
				T GPM (gpm): SPP (psi): AV (DC): AV (DP):																										
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ACTIVITY MIRU. 100%MOVED IN. 40% RIGGED UP																														
DESCRIPTION																														
Daily Operations Comments																														

Daily Drilling Report Onshore		Well Name/Wellbore No.: UNIVERSITY EAST 4412CH/OH		Report Number: 003 Report Date: 02/06/2013 Spud Date: Release Date: DOL: 3 AFE Days: 10	
		Country: USA State/OCSS: TEXAS Field/Permit#: WOLFCAMP EAST Supervisors: CRAIG CART / JOHNNY CHATAGNIER Engineer/Manager: CHAPMAN AMEND / EVANS / GAYDOS		Last BOP T.: Safety & Environmental Incident: No	

Depth md/tvd (ft): 913.00 / 912.99 Progress (ft): 0.00 ROP: 0.0 / = 0.00 Proposed TD (ft): 15,146.00 Next Csg Point (ft): 15,146.03	Rig: NORAM DRILLING/21 Rig Phone: 713-997-1265 RKB (ft): 2,746.51 Ground Level (ft): 2,717.0 POB: 30 Total Man Hours: 0.00	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th></th> <th>Drig</th> <th>Comp</th> <th>Fac</th> <th>Total</th> </tr> <tr> <td>AFE #: 159843/47968</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Day Cost(\$): 30,650</td> <td></td> <td>0</td> <td>0</td> <td>30,650</td> </tr> <tr> <td>Cum Cost(\$): 411,977</td> <td></td> <td>0</td> <td>0</td> <td>411,977</td> </tr> <tr> <td>AFE(\$): 0</td> <td></td> <td>0</td> <td>0</td> <td>0</td> </tr> </table>		Drig	Comp	Fac	Total	AFE #: 159843/47968					Day Cost(\$): 30,650		0	0	30,650	Cum Cost(\$): 411,977		0	0	411,977	AFE(\$): 0		0	0	0
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AFE(\$): 0		0	0	0																							

Current Activity: RIG UP.
24 Hr Summary: RIG UP. 55% RIGGED UP.
24 Hr Forecast: RIG UP. RAISE DERRICK, COMPLETE R.U. S & E RIG INSPECTION.. N.U. BOPE & TEST.

MUD PROPERTIES		MUD MATERIALS		BIT RECORD		CASING														
Fluids Co.: Fluids Eng: Time: Location: Pit Temp: Depth: Density: FV: PV: YP: Gels: WL: HTHP: Cake: Solids: ECD:		D M Cost(\$): \$600.00 C M Cost(\$): \$600.00 Mud Additives: Used: 300 BRINE WATER		Bit# S/N Size (in) Mfg IADC Type Model # Jets Depth In (ft) Depth Out (ft) Bit Rotations On Btm Hrs Cum Footage Cum (ft) ROP Cum WOB mm/mx (kip) RPM rot/bit Bit HP HSI PSI Drop (psi) Jet Vel (ft/s) Imp Force		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Size(in)</th> <th>MD(ft)/TVD(ft)</th> <th>Fit/LOT(ppg)</th> </tr> <tr> <td>16.00</td> <td>45.00 /</td> <td>45.00</td> </tr> <tr> <td>9.63</td> <td>913.00 /</td> <td>913.00</td> </tr> <tr> <td>5.50</td> <td>15,146.03 /</td> <td>6,719.01</td> </tr> </table>			Size(in)	MD(ft)/TVD(ft)	Fit/LOT(ppg)	16.00	45.00 /	45.00	9.63	913.00 /	913.00	5.50	15,146.03 /	6,719.01
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INVENTORY																				
Item DIESEL						Inv 10,581														
SOLIDS CONTROL																				
Skr			Deck 1 Screens			Deck 2 Screens														

MUD LOGGING			
Trip Gas (units): @ Conn Gas (units): @ Form:	BG Gas (units): Pore Pressure: (%)	Surf to Surf: Lag Strokes: Lag Time: (min)	

BHA # 1						STRING LOADS		MUD PUMPS																																																		
Qty	Item Description	ID (in)	OD (in)	Len (ft)	Cum (ft)	On Btm Torque: Off Btm Torque: Str. Wt. Up: Str. Wt. Down: Str. Wt. Rot.: Max Over Pull:		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th></th> <th>#1</th> <th>#2</th> <th>#3</th> </tr> <tr> <td>Pump Type:</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Liner ID:</td> <td></td> <td></td> <td></td> </tr> <tr> <td>SPM:</td> <td></td> <td></td> <td></td> </tr> <tr> <td>GPM:</td> <td></td> <td></td> <td></td> </tr> <tr> <td>SPR:</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1 SPM:</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Pressure:</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2 SPM:</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Pressure:</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="2">T GPM (gpm):</td> <td colspan="2">SPP (psi):</td> </tr> <tr> <td colspan="2">AV (DC):</td> <td colspan="2">AV (DP):</td> </tr> </table>				#1	#2	#3	Pump Type:				Liner ID:				SPM:				GPM:				SPR:				1 SPM:				Pressure:				2 SPM:				Pressure:				T GPM (gpm):		SPP (psi):		AV (DC):		AV (DP):	
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Total Length: 289.01						BHA PROPERTIES BHA Hrs: Jar Hrs: Cum String Hours: Weight B Jars (kip):																																																				

SURVEYS							
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300	0.44	104.03	300	-0.19	1.64	-0.19	0.16
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700	0.31	119.04	700	-0.90	3.14	-0.90	0.15
800	0.26	58.44	800	-0.91	3.57	-0.91	0.29
818	0.22	71.92	818	-0.88	3.63	-0.88	0.38

OPERATION DETAILS							
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:00	24.00	P	MIRU	01	MIRU	RIGGING UP. 55% RIGGED UP.
Daily Operations Comments NOTIFIED TRRC OF UPCOMING RIG OPERATIONS.							

Daily Drilling Report Onshore		Well Name/Wellbore No.: UNIVERSITY EAST 4412CH/OH		Report Number: 004 Report Date: 02/07/2013 Spud Date: Release Date: DFS: 0.00 DOL: 4 AFE Days: 10 Last BOP T.: Safety & Environmental Incident: No	
		Country: USA State/OCSG: TEXAS Field/Permit#: WOLFCAMP EAST Supervisors: JOHN LAYTON / KENNETH SWILLEY Engineer/Manager: CHAPMAN AMEND / EVANS / GAYDOS			

Depth md/tvd (ft): 913.00 / 912.99 Progress (ft): 0.00 ROP: 0.0 / = 0.00 Proposed TD (ft): 15,146.00 Next Csg Point (ft): 15,146.03	Rig: NORAM DRILLING/21 Rig Phone: 713-997-1265 RKB (ft): 2,746.51 Ground Level (ft): 2,717.0 POB: 28 Total Man Hours: 0.00	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>AFE #:</th> <th>Drig</th> <th>Comp</th> <th>Fac</th> <th>Total</th> </tr> <tr> <td>159843/47968</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Day Cost(\$): 49,335</td> <td></td> <td>0</td> <td>0</td> <td>49,335</td> </tr> <tr> <td>Cum Cost(\$) 461,312</td> <td></td> <td>0</td> <td>0</td> <td>461,312</td> </tr> <tr> <td>AFE(\$): 0</td> <td></td> <td>0</td> <td>0</td> <td>0</td> </tr> </table>	AFE #:	Drig	Comp	Fac	Total	159843/47968					Day Cost(\$): 49,335		0	0	49,335	Cum Cost(\$) 461,312		0	0	461,312	AFE(\$): 0		0	0	0
AFE #:	Drig	Comp	Fac	Total																							
159843/47968																											
Day Cost(\$): 49,335		0	0	49,335																							
Cum Cost(\$) 461,312		0	0	461,312																							
AFE(\$): 0		0	0	0																							

Current Activity: NU BOPE.
24 Hr Summary: FINISHED RIGGING UP. NU BOPE.
24 Hr Forecast: N.U. BOPE & TEST. P/U DIRECTIONAL ASSY. TEST CASING TO 1500 PSI. DRILL CEMENT AND FLOAT EQUIPMENT. DRILL AHEAD.


MUD PROPERTIES		MUD MATERIALS		BIT RECORD		CASING																													
Fluids Co.: Fluids Eng: Time: Location: Pit Temp: Depth: Density: FV: PV: YP: Gels: WL: HTHP: Cake: Solids: ECD:		D M Cost(\$): \$1,200.00 C M Cost(\$): \$1,800.00 Mud Additives BRINE WATER Used 600		Bit# S/N Size (in) Mfg IADC Type Model # Jets Depth In (ft) Depth Out (ft) Bit Rotations On Btm Hrs Cum Footage Cum (ft) ROP Cum WOB mm/mx (kip) RPM rot/bit Bit HP HSI PSI Drop (psi) Jet Vel (ft/s) Imp Force		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Size(in)</th> <th>MD(ft)/TVD(ft)</th> <th>FIT/LOT(ppg)</th> </tr> <tr> <td>16.00</td> <td>45.00 /</td> <td>45.00</td> </tr> <tr> <td>9.63</td> <td>913.00 /</td> <td>913.00</td> </tr> <tr> <td>5.50</td> <td>15,146.03 /</td> <td>6,719.01</td> </tr> </table>			Size(in)	MD(ft)/TVD(ft)	FIT/LOT(ppg)	16.00	45.00 /	45.00	9.63	913.00 /	913.00	5.50	15,146.03 /	6,719.01															
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SOLIDS CONTROL																																			
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MUD PUMPS			
	#1	#2	#3
Pump Type:			
Liner ID:			
SPM:			
GPM:			
SPR:			
1 SPM:			
Pressure:			
2 SPM:			
Pressure:			
T GPM (gpm):		SPP (psi):	
AV (DC):		AV (DP):	

SURVEYS							
MD (ft)	Inclination(°)	Azimuth (°)	TVD (ft)	V Section (ft)	+E/-W (ft)	+N/-S (ft)	Dog Leg (°/100ft)
200	0.51	86.86	200	-0.12	0.82	-0.12	0.31
300	0.44	104.03	300	-0.19	1.64	-0.19	0.16
400	0.15	106.06	400	-0.32	2.13	-0.32	0.29
500	0.28	128.17	500	-0.50	2.45	-0.50	0.15
600	0.16	113.72	600	-0.71	2.77	-0.71	0.13
700	0.31	119.04	700	-0.90	3.14	-0.90	0.15
800	0.26	58.44	800	-0.91	3.57	-0.91	0.29
818	0.22	71.92	818	-0.88	3.63	-0.88	0.38

OPERATION DETAILS							
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	01:00	19.00	P	MIRU	01	MIRU	100 % RIGGED UP. RIG ON DAY RATE @ 0100 HRS 02/07/2013.
01:00	06:00	5.00	P	CASSURF	28	NUBOPE	NU BOPS.

Daily Operations Comments

 Daily Drilling Report Onshore		Well Name/Wellbore No.: UNIVERSITY EAST 4412CH/OH Country: USA State/OCSG: TEXAS Field/Permit#: WOLFCAMP EAST Supervisors: JOHN LAYTON / KENNETH SWILLEY Engineer/Manager: CHAPMAN AMEND / EVANS / GAYDOS		Report Number: 005 Report Date: 02/08/2013 Spud Date: Release Date: DOL: 5 AFE Days: 10 Last BOP T.: 02/07/2013 Safety & Environmental Incident: No																																																																																																																											
Depth md/tvd (ft): 1,550.00 / 1,549.98 Progress (ft): 637.00 ROP: 637.0 / 4.50 = 141.56 Proposed TD (ft): 15,146.00 Next Csg Point (ft): 15,146.03		Rig: NORAM DRILLING/21 Rig Phone: 713-997-1265 RKB (ft): 2,746.51 Ground Level (ft): 2,717.0 POB: 25 Total Man Hours: 0.00		<table border="1"> <tr> <th></th> <th>Drig</th> <th>Comp</th> <th>Fac</th> <th>Total</th> </tr> <tr> <td>AFE #:</td> <td>159843/47968</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Day Cost(\$):</td> <td>47,152</td> <td>0</td> <td>0</td> <td>47,152</td> </tr> <tr> <td>Cum Cost(\$)</td> <td>508,464</td> <td>0</td> <td>0</td> <td>508,464</td> </tr> <tr> <td>AFE(\$):</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> </table>			Drig	Comp	Fac	Total	AFE #:	159843/47968				Day Cost(\$):	47,152	0	0	47,152	Cum Cost(\$)	508,464	0	0	508,464	AFE(\$):	0	0	0	0																																																																																																	
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MUD PROPERTIES Fluids Co.: Fluids Eng: Time: 6:01 Location: Pit Temp: Depth (ft): 1,000.00 Density (ppg): 10.00 FV (s/qt): 28 PV (cp): 1 YP (lb/100ft²): 1 Gels (l): 1/1/0 WL: HTHP: Cake: Solids: ECD (ppg): 10.1		MUD MATERIALS D M Cost(\$): \$0.00 C M Cost(\$): \$1,800.00 Mud Additives Used		BIT RECORD Bit# 1 S/N 18122 Size (in) 8.75 Mfg ULTERRA IADC Type Model # U519M Jets 7X20 Depth In (ft) 913 Depth Out (ft) Bit Rotations 65/235 On Btm Hrs Cum 4.50 Footage Cum (ft) 637 ROP Cum 141.6 WOB mm/mx (kip) 20 / 25 RPM rot/bit 65 / 235 Bit HP 0.85 HSI 0.40 PSI Drop (psi) 69.51 Jet Vel (ft/s) 88.14 Imp Force 269.43																																																																																																																											
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01:00	01:30	0.50	P	CASSURF	32	DRLFLOAT	DRILL SHOE TRACK TO 913'.																																																																																																																								
01:30	06:00	4.50	P	DRLPRD	07	DRLVERT	SPUD WELL @ 01:30 ON 02/08/2013 DRILL 913' TO 1,550'																																																																																																																								
Daily Operations Comments 1.5 NOV PDM 7/8 5.0 FBH 8.5 STAB. BTB 5.06', BTG-36'. BTS-47'. RPG-29. DRILLING OFF DIR. PLAN # 2																																																																																																																															

EP ENERGY Daily Drilling Report Onshore				Well Name/Wellbore No.: UNIVERSITY EAST 4412CH/OH				Report Number: 006											
				Country: USA				Report Date: 02/09/2013											
				State/OCSG: TEXAS				Spud Date:											
				Field/Permit#: WOLF CAMP EAST				Release Date:											
				Supervisors: JOHN LAYTON / KENNETH SWILLEY				DOL: 6 AFE Days: 10											
				Engineer/Manager: CHAPMAN AMEND / EVANS / GAYDOS				Last BOP T.: 02/07/2013											
								Safety & Environmental Incident: No											
Depth md/tvd (ft): 4,630.01 / 4,603.66				Rig: NORAM DRILLING/21				Drig				Comp		Fac		Total			
Progress (ft): 3,080.01				Rig Phone: 713-997-1265				AFE #:				159843/47968							
ROP: 3,080.0 / 23.50 = 131.06				RKB (ft): 2,746.51				Day Cost(\$):				40,819		0		40,819			
Proposed TD (ft): 15,146.00				Ground Level (ft): 2,717.0				Cum Cost(\$):				549,282		0		549,282			
Next Csg Point (ft): 15,146.03				POB: 26 Total Man Hours: 0.00				AFE(\$):				0		0		0			
Current Activity: DRILLING @ 4,630'. PROJECTION @ BIT 10.2 INC.- AZM.88.2 -TVD 4,605'- 1' ABOVE - 1' RIGHT.																			
24 Hr Summary: DIRECTIONAL DRILL FROM 1,550' TO 4,630'.																			
24 Hr Forecast: DIRECTIONAL DRILL TO 6,300'. CIRCULATE HOLE CLEAN. TRIP FOR CURVE ASSEMBLY.																			
MUD PROPERTIES				MUD MATERIALS				BIT RECORD				CASING							
Fluids Co.: Fluids Eng:				D M Cost(\$): \$2,803.85 C M Cost(\$): \$4,603.85				Bit# S/N 18122 Size (in) 8.75 Mfg ULTERRA IADC Type Model # U519M Jets 7X20 Depth In (ft) 913 Depth Out (ft) Bit Rotations 75/255 On Btm Hrs Cum 28.00 Footage Cum (ft) 3,717 ROP Cum 132.8 WOB mm/mx (kip) 20 / 35 RPM rot/bit 75 / 255 Bit HP 1.02 HSI 0.48 PSI Drop (psi) 79.06 Jet Vel (ft/s) 92.63 Imp Force 306.45				Size(in) MD(ft)/TVD(ft) FIT LOT(ppg) 16.00 45.00 / 45.00 9.63 913.00 / 913.00 5.50 15,146.03 / 6,719.01							
Time: 6:01 Oil Cnt (%): 0				Mud Additives Used															
Location: ICTION TANK				TRANSPORTATION															
Pit Temp: Sand Cnt (%): 0.00				TEX-TAN															
Depth (ft): 2,718.01 MBT:				BRINE WATER															
Density (ppg): 10.30 pH: 9.0				CAUSTIC SODA															
FV (s/qt): 29 Pm (cc): 0.1				TAX															
PV (cp): 1 Pf (cc)/Mf (cc): 0.1 / 0.3																			
YP (lb/100ft²): 1 Chloride:																			
Gels (l): 1/1/0 Calcium:																			
WL: LCM (lbm/bbl): 0.0																			
HTHP: ES (mV):																			
Cake: 0.00 LGS:																			
Solids (lbm/bbl): 14 Ex Lime (ppb):																			
ECD (ppg): 10.4 OWR:																			
MUD LOGGING																			
Trip Gas (units): 0 @				BG Gas (units): 0				Surf to Surf:											
Conn Gas (units): 0 @								Lag Strokes:											
Form:				Pore Pressure: (%)				Lag Time: (min)											
Grading I O D L B G O R																			
Bit # 1																			
BHA # 1						STRING LOADS						MUD PUMPS							
Qty	Item Description					ID (in)	OD (in)	Len (ft)	Cum (ft)	On Btm Torque: 8,500						#1 #2 #3			
1	ULTERRA U519M 7 X 20'S						8.750	1.00	1.00	Off Btm Torque: 2,500						Pump Type:			
1	1.5" 7/8 5.0 PDM MUD MOTOR. 8 1/2"						6.750	25.85	26.85	Str. Wt. Up: 140						Liner ID:			
1	CROSSOVER (BFF)					2.250	6.625	3.65	30.50	Str. Wt. Down: 120						SPM:			
1	UBHO SUB							3.68	34.18	Str. Wt. Rot.: 130						GPM:			
1	MWD					3.175	6.500	29.12	63.30	Max Over Pull: 15						SPR:			
1	NMDC					3.250	6.500	30.62	93.92							1 SPM:			
1	CROSSOVER					3.250	6.500	3.03	96.95							Pressure:			
6	6 1/2" DRILL COLLARS					2.250	6.500	182.26	279.21							2 SPM:			
1	CROSSOVER					2.250	6.500	2.47	281.68							Pressure:			
Total Length: 281.68																			
										BHA PROPERTIES									
										BHA Hrs: 24									
										Jar Hrs:									
										Cum String Hours: 29									
										Weight B Jars (kip):									
T GPM (gpm): 620 SPP (psi): 1,400																			
AV (DC): AV (DP):																			
SURVEYS																			
MD (ft)		Inclination (°)		Azimuth (°)		TVD (ft)		V Section (ft)		+E/-W (ft)		+N/-S (ft)		Dog Leg (°/100ft)					
3,841		8.80		93.70		3,825		0.63		216.19		-0.60		0.74					
3,936		9.20		94.20		3,919		1.66		231.02		-1.62		0.43					
4,032		10.10		86.50		4,014		1.71		247.07		-1.67		1.64					
4,126		8.80		88.00		4,107		0.96		262.49		-0.91		1.41					
4,222		8.50		88.30		4,202		0.50		276.92		-0.45		0.32					
4,317		9.30		91.60		4,295		0.51		291.61		-0.45		1.00					
4,412		10.20		88.20		4,389		0.46		307.69		-0.40		1.12					
4,507		10.00		89.50		4,483		0.12		324.35		-0.07		0.32					
OPERATION DETAILS																			
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION												
06:00	17:00	11.00	P	DRLPRD	08	DRLDIR	DIRECTIONAL DRILL 1,550' TO 3,225'.												
17:00	17:30	0.50	P	DRLPRD	12	RIGSVC	SERVICE RIG AND TOP DRIVE.												
17:30	06:00	12.50	P	DRLPRD	08	DRLDIR	DIRECTIONAL DRILL 3,225' TO 4,630'.												
Daily Operations Comments																			
1.5 NOV PDM 7/8 5.0 FBH 8.5 STAB. BTB 5.06', BTG-36'. BTS-47'. RPG-29. DRILLING OFF DIR. PLAN # 2																			

[illegible]

Daily Drilling Report Onshore		Well Name/Wellbore No.: UNIVERSITY EAST 4412CH/OH		Report Number: 008 Report Date: 02/11/2013 Spud Date: Release Date: DFS: 3.00 DOL: 8 AFE Days: 10 Last BOP T.: 02/07/2013 Safety & Environmental Incident: No	
		Country: USA State/OCSS: TEXAS Field/Permit#: WOLF CAMP EAST Supervisors: JOHN LAYTON / KENNETH SWILLEY Engineer/Manager: CHAPMAN AMEND / EVANS / GAYDOS			

Depth md/tvd (ft): 6,677.01 / 6,579.41 Progress (ft): 368.00 ROP (ft/hr): 368.00 / = 0.00 Proposed TD (ft): 15,146.00 Next Csg Point (ft): 15,146.03	Rig: NORAM DRILLING/21 Rig Phone: 713-997-1265 RKB (ft): 2,746.51 Ground Level (ft): 2,717.0 POB: 25 Total Man Hours: 0.00	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th></th> <th>Drig</th> <th>Comp</th> <th>Fac</th> <th>Total</th> </tr> <tr> <td>AFE #:</td> <td>159843/47968</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Day Cost(\$):</td> <td>66,949</td> <td>0</td> <td>0</td> <td>66,949</td> </tr> <tr> <td>Cum Cost(\$):</td> <td>656,670</td> <td>0</td> <td>0</td> <td>656,670</td> </tr> <tr> <td>AFE(\$):</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> </table>		Drig	Comp	Fac	Total	AFE #:	159843/47968				Day Cost(\$):	66,949	0	0	66,949	Cum Cost(\$):	656,670	0	0	656,670	AFE(\$):	0	0	0	0
	Drig	Comp	Fac	Total																							
AFE #:	159843/47968																										
Day Cost(\$):	66,949	0	0	66,949																							
Cum Cost(\$):	656,670	0	0	656,670																							
AFE(\$):	0	0	0	0																							

Current Activity: BUILDING CURVE @ 6,570'. PROJECTED TO BIT INC46.8° . AZM 172.0 . TVD 6,579' ABOVE - 21' RIGHT - 4.7' .
24 Hr Summary: TOOHP P/UP CURVE ASSEMBLY TIH. BUILD CURVE.
24 Hr Forecast: BUILD CURVE. TOOHP F/LATERAL ASSY.

MUD PROPERTIES		MUD MATERIALS		BIT RECORD		CASING														
Fluids Co.: CORY DRIVER Time: 6:01 Location: ICTION TANK Pit Temp: 6,309.01 Depth (ft): 6,309.01 Density (ppg): 10.10 FV (s/qt): 29 PV (cp): 1 YP (lb/100ft²): 1 Gels (l): 1/1/0 WL: LCM (lbm/bbl): 0.0 HTHP: ES (mV): Cake: 0.00 Solids (lbm/bbl): 14 ECD (ppg): 10.2		D M Cost(\$): \$2,250.87 C M Cost(\$): \$8,336.44 Mud Additives BRINE WATER 500 CORROSION INHIBITOR 5 BARITE 2 CAUSTIC SODA 5 TAX 114		Bit# 2 S/N 12146016 Size (in) 8.75 Mfg IADC Type Model # FHI 21 Jets 2X16, 5X15 Depth In (ft) 6,309 Depth Out (ft) Bit Rotations 25/25 On Btm Hrs Cum 10.50 Footage Cum (ft) 368 ROP Cum 35.0 WOB mm/mx (kip) / RPM rot/bit / Bit HP 1.45 HSI 1.15 PSI Drop (psi) 202.66 Jet Vel (ft/s) 149.75 Imp Force 459.23		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Size(in)</th> <th>MD(ft)/TVD(ft)</th> <th>Fit/LOT(ppg)</th> </tr> <tr> <td>16.00</td> <td>45.00 /</td> <td>45.00</td> </tr> <tr> <td>9.63</td> <td>913.00 /</td> <td>913.00</td> </tr> <tr> <td>5.50</td> <td>15,146.03 /</td> <td>6,719.01</td> </tr> </table>			Size(in)	MD(ft)/TVD(ft)	Fit/LOT(ppg)	16.00	45.00 /	45.00	9.63	913.00 /	913.00	5.50	15,146.03 /	6,719.01
Size(in)	MD(ft)/TVD(ft)	Fit/LOT(ppg)																		
16.00	45.00 /	45.00																		
9.63	913.00 /	913.00																		
5.50	15,146.03 /	6,719.01																		
INVENTORY																				
Item DIESEL Inv 12,251																				
SOLIDS CONTROL																				
Skr Deck 1 Screens Deck 2 Screens																				


MUD LOGGING			
Trip Gas (units): 0 @ Conn Gas (units): 0 @ Form:		BG Gas (units): 0 Pore Pressure: (%) Surf to Surf: Lag Strokes: Lag Time: (min)	

BHA # 2						STRING LOADS		MUD PUMPS																																										
Qty	Item Description	ID (in)	OD (in)	Len (ft)	Cum (ft)	On Btm Torque: 8,000 Off Btm Torque: 4,000 Str. Wt. Up: 195 Str. Wt. Down: 165 Str. Wt. Rot.: 175 Max Over Pull:		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th></th> <th>#1</th> <th>#2</th> <th>#3</th> </tr> <tr> <td>Pump Type:</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Liner ID:</td> <td></td> <td></td> <td></td> </tr> <tr> <td>SPM:</td> <td></td> <td></td> <td></td> </tr> <tr> <td>GPM:</td> <td></td> <td></td> <td></td> </tr> <tr> <td>SPR:</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1 SPM:</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Pressure:</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2 SPM:</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Pressure:</td> <td></td> <td></td> <td></td> </tr> </table>				#1	#2	#3	Pump Type:				Liner ID:				SPM:				GPM:				SPR:				1 SPM:				Pressure:				2 SPM:				Pressure:			
	#1	#2	#3																																															
Pump Type:																																																		
Liner ID:																																																		
SPM:																																																		
GPM:																																																		
SPR:																																																		
1 SPM:																																																		
Pressure:																																																		
2 SPM:																																																		
Pressure:																																																		
1	SMITH FHI 21 3x22'S		8.750	1.00	1.00																																													
1	2.38" 4/5 7.0 ABH MUD MOTOR		6.750	28.00	29.00																																													
1	CROSSOVER	2.875	6.437	3.28	32.28																																													
1	UBHO SUB	2.875	6.437	3.80	36.08																																													
1	NMDC	3.250	6.750	28.55	64.63																																													
1	NM FLEX DC	2.875	6.812	30.88	95.51																																													
Total Length: 95.51																																																		
BHA PROPERTIES																																																		
BHA Hrs: 11 Jar Hrs: Cum String Hours: 15 Weight B Jars (kip):																																																		
								T GPM (gpm): 293 SPP (psi): 1,750 AV (DC): AV (DP):																																										


SURVEYS							
MD (ft)	Inclination(°)	Azimuth (°)	TVD (ft)	V Section (ft)	+E/-W (ft)	+N/-S (ft)	Dog Leg (°/100ft)
6,377	13.20	131.60	6,322	6.06	655.54	-5.94	13.41
6,408	16.70	141.10	6,352	11.88	660.99	-11.76	13.75
6,440	20.80	148.60	6,382	20.31	666.84	-20.19	14.84
6,472	24.50	155.00	6,412	31.18	672.61	-31.06	13.88
6,504	27.40	162.10	6,441	44.21	677.68	-44.09	13.27
6,536	30.80	166.00	6,469	59.17	681.92	-59.05	12.16
6,567	34.30	168.50	6,495	75.44	685.59	-75.32	12.09
6,598	40.60	172.40	6,519	94.02	688.67	-93.89	21.71

OPERATION DETAILS							
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	08:30	2.50	N	DRLPRD	13	TRIP	POOH FOR CURVE ASSEMBLY.
08:30	10:30	2.00	N	DRLPRD	13	TRIP	P/UP CURVE ASSEMBLY.
10:30	11:00	0.50	N	DRLPRD	13	TRIP	TIH TO 85'.
11:00	11:30	0.50	N	DRLPRD	15	CIRC	SERVICE RIG AND TOP DRIVE.
11:30	15:30	4.00	N	DRLPRD	16	WASHR	TIH TO 6,309'.
15:30	16:00	0.50	P	DRLCRV	09	DRLCRV	BUILD CURVE FROM 6,309' TO 6,330'.
16:00	20:00	4.00	N	DRLPRD	43	RRTOP	REPAIR TOP DRIVE.
20:00	06:00	10.00	P	DRLPRD	09	DRLCRV	BUILD CURVE FROM 6,330' TO 6677


Daily Operations Comments
 2.12 FBH NOV PDM 4/5 7.0 SLICK. BTB 3.3', BTG-36'. BTS-47'. RPG-.52 DRILLING OFF DIR. PLAN # 2.


 Daily Drilling Report Onshore				Well Name/Wellbore No.: UNIVERSITY EAST 4412CH/OH Country: USA State/OCSG: TEXAS Field/Permit#: WOLFCAMP EAST Supervisors: JOHN LAYTON / KENNETH SWILLEY Engineer/Manager: CHAPMAN AMEND / EVANS / GAYDOS				Report Number: 009 Report Date: 02/12/2013 Spud Date: Release Date: DFS: 4.00 DOL: 9 AFE Days: 10 Last BOP T.: 02/07/2013 Safety & Environmental Incident: No																												
Depth md/tvd (ft): 7,203.01 / 6,751.46 Progress (ft): 526.00 ROP: 526.0 / 12.50 = 42.08 Proposed TD (ft): 15,146.00 Next Csg Point (ft): 15,146.03				Rig: NORAM DRILLING/21 Rig Phone: 713-997-1265 RKB (ft): 2,746.51 Ground Level (ft): 2,717.0 POB: 32 Total Man Hours: 0.00				<table border="1"> <thead> <tr> <th></th> <th>Drig</th> <th>Comp</th> <th>Fac</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>AFE #:</td> <td>159843/47968</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Day Cost(\$):</td> <td>49,294</td> <td>0</td> <td>0</td> <td>49,294</td> </tr> <tr> <td>Cum Cost(\$)</td> <td>704,289</td> <td>0</td> <td>0</td> <td>704,289</td> </tr> <tr> <td>AFE(\$):</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> </tbody> </table>					Drig	Comp	Fac	Total	AFE #:	159843/47968				Day Cost(\$):	49,294	0	0	49,294	Cum Cost(\$)	704,289	0	0	704,289	AFE(\$):	0	0	0	0
	Drig	Comp	Fac	Total																																
AFE #:	159843/47968																																			
Day Cost(\$):	49,294	0	0	49,294																																
Cum Cost(\$)	704,289	0	0	704,289																																
AFE(\$):	0	0	0	0																																
Current Activity: BUILD CURVE @ 7,129' PROJECTION @ BIT INC. 90.0 - AZM 180.0 - TVD 6,746' - 1.8 BELOW - 1.9 RIGHT. 24 Hr Summary: BUILD CURVE. TOOH F/LATERAL ASSY. LD CURVE ASSY. PU LATERAL ASSY. TIH TO DRILL LATERAL. 24 Hr Forecast: BUILD CURVE. TOOH F/LATERAL ASSY.																																				
MUD PROPERTIES		MUD MATERIALS		BIT RECORD		CASING																														
Fluids Co.: Fluids Eng: CORY DRIVER Time: 6:01 Oil Cnt (%): 0 Location: ICTION TANK Pit Temp: Sand Cnt (%): 0.00 Depth (ft): 6,877.01 MBT: Density (ppg): 10.10 pH: 9.5 FV (s/qt): 29 Pm (cc): 0.2 PV (cp): 1 Pf (cc)/Mf (cc): 0.1 / 0.4 YP (lbf/100ft²): 1 Chloride (ppm): 160,000 Gels (l): 1/1/0 Calcium: WL: LCM (lbm/bbl): 0.0 HTHP: ES (mV): Cake: 0.00 LGS: Solids: Ex Lime (ppb): ECD (ppg): 10.2 OWR:		D M Cost(\$): \$4,056.67 C M Cost(\$): \$12,393.11 Mud Additives Used TEX-TAN 6 TAX 144 BARITE 3 BRINE WATER 600 SODA ASH 1 SALT BAG 1		Bit# 2 S/N 12146016 Size (in) 8.75 Mfg SMITH IADC Type Model # FHI 21 U519M Jets 3X20 7X20 Depth In (ft) 6,309 Depth Out (ft) 7,026 Bit Rotations 25/327 On Btm Hrs Cum 7.50 Footage Cum (ft) 349 ROP Cum 39.8 WOB mm/mx (kip) 20 / 30 RPM rot/bit 25 / 327 Bit HP 1.97 HSI 2.14 PSI Drop (psi) 377.14 Jet Vel (ft/s) 204.29 Imp Force 626.47		Size(in) MD(ft)/TVD(ft) FIT LOT(ppg) 16.00 45.00 / 45.00 9.63 913.00 / 913.00 5.50 15,146.03 / 6,719.01																														
MUD LOGGING				INVENTORY																																
Trip Gas (units): 0 @ BG Gas (units): 0 Conn Gas (units): 0 @ Form: Pore Pressure: (%) Lag Time: (min)				Item DIESEL Inv 11,121																																
BHA # 3				STRING LOADS		MUD PUMPS																														
Qty	Item Description	ID (in)	OD (in)	Len (ft)	Cum (ft)	On Btm Torque: 6,800	#1																													
1	ULTERRA U519M		8.750	1.00	1.00	Off Btm Torque: 4,500	#2																													
1	1.83" FBH 7/8 5.0 MUD MOTOR		6.750	24.25	25.25	Str. Wt. Up: 195	#3																													
1	UBHO SUB	2.750	6.437	3.68	28.93	Str. Wt. Down: 165																														
1	NM DRILL COLLAR	3.250	6.750	29.12	58.05	Str. Wt. Rot.: 175																														
1	NMFC	2.562	6.750	30.62	88.67	Max Over Pull: 15																														
51	5" DRILL PIPE	4.276	5.000	1,519.98	1,608.65																															
1	AGITATOR	2.500	6.750	12.41	1,621.06																															
1	SHOCK SUB	2.125	6.375	11.00	1,632.06																															
Total Length: 1,632.06						BHA PROPERTIES																														
						BHA Hrs: 8																														
						Jar Hrs:																														
						Cum String Hours: 23																														
						Weight B Jars (kip):																														
SURVEYS																																				
MD (ft)	Inclination(°)	Azimuth (°)	TVD (ft)	V Section (ft)	+E/-W (ft)	+N/-S (ft)	Dog Leg (°/100ft)																													
6,915	69.20	175.80	6,701	346.11	716.78	-345.99	6.83																													
6,947	71.40	176.00	6,712	376.16	718.94	-376.04	6.90																													
6,979	74.00	176.60	6,721	406.65	720.91	-406.52	8.32																													
7,002	76.00	176.00	6,727	428.82	722.34	-428.69	9.05																													
7,034	79.30	176.50	6,734	460.01	724.38	-459.88	10.42																													
7,065	82.00	178.20	6,739	490.56	725.80	-490.43	10.25																													
7,097	83.70	180.20	6,743	522.30	726.24	-522.18	8.17																													
7,129	85.70	181.90	6,746	554.16	725.65	-554.03	8.19																													
OPERATION DETAILS																																				
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION																													
06:00	13:30	7.50	P	DRLPRD	09	DRLCRV	BUILD CURVE FROM 6,677' TO 7,026'																													
13:30	14:00	0.50	P	DRLPRD	15	CIRC	C & C MUD.																													
14:00	17:00	3.00	P	DRLPRD	13	TRIP	TOOH TO CASING SHOE.																													
17:00	17:30	0.50	P	DRLPRD	12	RIGSVC	SERVICE RIG AND TOP DRIVE.																													
17:30	19:00	1.50	P	DRLPRD	14	PULDSTR	FINISH TOOH & LD CURVE ASSEMBLY.																													
19:00	21:00	2.00	P	DRLPRD	14	PULDSTR	PU LATERAL ASSEMBLY.																													
21:00	01:00	4.00	P	DRLPRD	13	TRIP	TIH.																													
01:00	03:30	2.50	P	DRLPRD	09	DRLCRV	BUILD CURVE FROM 7,026' TO 7,129'																													
03:30	06:00	2.50	P	DRLPRD	10	DRLLAT	DRILL LATERAL FROM 7,129' TO 7,203'																													
Daily Operations Comments																																				
1.83 FBH NOV PDM 7/8 5.0 SLICK. BTB 3.65', BTG-34'. BTS-45'. RPG-.29 DRILLING OFF DIR. PLAN # 2.																																				

EP ENERGY Daily Drilling Report Onshore				Well Name/Wellbore No.: UNIVERSITY EAST 4412CH/OH				Report Number: 010											
Country: USA				Report Date: 02/13/2013				Spud Date:											
State/OCSS: TEXAS				Release Date:				DOL: 10 AFE Days: 10											
Field/Permit#: WOLFCAMP EAST				DFS: 5.00				Last BOP T.: 02/07/2013											
Supervisors: JOHN LAYTON / KENNETH SWILLEY				Safety & Environmental Incident: No															
Engineer/Manager: CHAPMAN AMEND / EVANS / GAYDOS																			
Depth md/tvd (ft): 9,356.02 / 6,754.99				Rig: NORAM DRILLING/21				Drig											
Progress (ft): 2,153.00				Rig Phone: 713-997-1265				Comp											
ROP: 2,153.0 / 23.00 = 93.61				AFE #: 159843/47968				Fac											
Proposed TD (ft): 15,146.00				RKB (ft): 2,746.51				Total											
Next Csg Point (ft): 15,146.03				Ground Level (ft): 2,717.0				Day Cost(\$): 59,876											
				POB: 23 Total Man Hours: 0.00				Cum Cost(\$): 764,164											
								AFE(\$): 0											
Current Activity: DRILL LATERAL @ 9,356'. PROJECTION @ BIT - INC. 90.2 - AZM 180 - TVD 6,748' - 10' BELOW - 1.5 RIGHT.																			
24 Hr Summary: DRILL LATERAL SERVICE RIG AND TOP DRIVE.DRILL LATERAL TO 9,356'.																			
24 Hr Forecast: DRILL LATERAL.																			
MUD PROPERTIES				MUD MATERIALS				BIT RECORD				CASING							
Fluids Co.: CORY DRIVER				D M Cost(\$): \$2,548.70				Bit# 3				Size(in) MD(ft)/TVD(ft) FIT LOT(ppg)							
Fluids Eng: CORY DRIVER				C M Cost(\$): \$14,941.81				S/N 18124				16.00 45.00 / 45.00							
Time: 6:01 Oil Cnt (%): 0				Mud Additives Used				Size (in) 8.75				9.63 913.00 / 913.00							
Location: ICTION TANK				BARITE 2				Mfg ULTERRA				5.50 15,146.03 / 6,719.01							
Pit Temp: Sand Cnt (%): 0.00				TAX 232				IADC Type											
Depth (ft): 7,830.02 MBT:				CAUSTIC SODA 4				Model # U519M											
Density (ppg): 10.20 pH: 9.5				TRANSPORTATION 1				Jets 7X20											
FV (s/qt): 29 Pm (cc): 0.2								Depth In (ft) 7,026											
PV (cp): 1 Pf (cc)/Mf (cc): 0.1 / 0.4								Depth Out (ft) 70/236											
YP (lb/100ft²): 1 Chloride (ppm): 160,000								On Btm Hrs Cum 28.00											
Gels (l): 1/1/0 Calcium: 0.0								Footage Cum (ft) 2,330											
WL: LCM (lbm/bbl): 0.0								ROP Cum 83.2											
HTHP: ES (mV):								WOB mm/mx (kip) 20 / 40											
Cake: 0.00 LGS:								RPM rot/bit 70 / 236											
Solids: Ex Lime (ppb):								Bit HP 0.81											
ECD (ppg): 10.3 OWR:								HSI 0.38											
								PSI Drop (psi) 67.34											
								Jet Vel (ft/s) 85.90											
								Imp Force 261.02											
MUD LOGGING																			
Trip Gas (units): 0 @				BG Gas (units): 0				Surf to Surf:											
Conn Gas (units): 0 @				Pore Pressure: (%)				Lag Strokes: (min)											
Form:								Lag Time: (min)											
								Grading I O D L B G O R											
								Bit # 3											
BHA # 3						STRING LOADS						MUD PUMPS							
Qty	Item Description			ID (in)	OD (in)	Len (ft)	Cum (ft)	On Btm Torque: 14,000						#1 #2 #3					
1	ULTERRA U519M				8.750	1.00	1.00	Off Btm Torque: 5,500						Pump Type:					
1	1.83" FBH 7/8 5.0 MUD MOTOR				6.750	24.25	25.25	Str. Wt. Up: 195						Liner ID:					
1	UBHO SUB			2.750	6.437	3.68	28.93	Str. Wt. Down: 165						SPM:					
1	NM DRILL COLLAR			3.250	6.750	29.12	58.05	Str. Wt. Rot.: 175						GPM:					
1	NMFC			2.562	6.750	30.62	88.67	Max Over Pull: 20						SPR:					
51	5" DRILL PIPE			4.276	5.000	1,519.98	1,608.65							1 SPM:					
1	AGITATOR			2.500	6.750	12.41	1,621.06							Pressure:					
1	SHOCK SUB			2.125	6.375	11.00	1,632.06							2 SPM:					
Total Length: 1,632.06													Pressure:						
							BHA PROPERTIES												
							BHA Hrs: 23												
							Jar Hrs:												
							Cum String Hours: 29												
							Weight B Jars (kip):												
T GPM (gpm): 575 SPP (psi): 2,300																			
AV (DC): AV (DP):																			
SURVEYS																			
MD (ft)		Inclination(°)		Azimuth (°)		TVD (ft)		V Section (ft)		+E/-W (ft)		+N/-S (ft)		Dog Leg (°/100ft)					
8,524		89.20		177.80		6,735		1,947.95		716.93		-1,947.83		2.26					
8,620		89.60		180.60		6,736		2,043.93		718.27		-2,043.80		2.95					
8,714		86.90		179.00		6,739		2,137.87		718.60		-2,137.75		3.34					
8,810		88.70		179.10		6,743		2,233.78		720.19		-2,233.66		1.88					
8,905		88.00		179.20		6,746		2,328.73		721.60		-2,328.61		0.74					
9,000		89.60		179.50		6,748		2,423.70		722.68		-2,423.58		1.71					
9,095		89.50		180.00		6,748		2,518.70		723.09		-2,518.57		0.54					
9,191		88.30		179.30		6,750		2,614.68		723.68		-2,614.55		1.45					
OPERATION DETAILS																			
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION												
06:00	14:00	8.00	P	DRLPRD	10	DRLLAT	DRILL LATERAL FROM 7,203' TO 8,025'.												
14:00	14:30	0.50	P	DRLPRD	12	RIGSVC	SERVICE RIG AND TOP DRIVE.												
14:30	15:00	0.50	N	DRLPRD	43	RRTOP	REPAIRE WIRE PULLED OUT OF SERVICE LOOP DUE TO HIGH WIND.												
15:00	06:00	15.00	P	DRLPRD	10	DRLLAT	DRILL LATERAL FROM 8,025' TO 9,356'.												
Daily Operations Comments																			
1.83 FBH NOV PDM 7/8 5.0 SLICK. BTB 3.65', BTG-34'. BTS-45'. RPG-29 DRILLING OFF DIR. PLAN # 2.																			

 Daily Drilling Report Onshore				Well Name/Wellbore No.: UNIVERSITY EAST 4412CH/OH Country: USA State/OCSS: TEXAS Field/Permit#: WOLFCAMP EAST Supervisors: JOHN LAYTON / KENNETH SWILLEY Engineer/Manager: CHAPMAN AMEND / EVANS / GAYDOS				Report Number: 011 Report Date: 02/14/2013 Spud Date: Release Date: DFS: 6.00 DOL: 11 AFE Days: 10 Last BOP T.: 02/07/2013 Safety & Environmental Incident: No																												
Depth md/tvd (ft): 10,897.02 / 6,748.11 Progress (ft): 1,541.00 ROP: 1,541.0 / 14.50 = 106.28 Proposed TD (ft): 15,146.00 Next Csg Point (ft): 15,146.03				Rig: NORAM DRILLING/21 Rig Phone: 713-997-1265 RKB (ft): 2,746.51 Ground Level (ft): 2,717.0 POB: 28 Total Man Hours: 0.00				<table border="1"> <thead> <tr> <th></th> <th>Drig</th> <th>Comp</th> <th>Fac</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>AFE #:</td> <td>159843/47968</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Day Cost(\$):</td> <td>54,604</td> <td>0</td> <td>0</td> <td>54,604</td> </tr> <tr> <td>Cum Cost(\$):</td> <td>818,769</td> <td>0</td> <td>0</td> <td>818,769</td> </tr> <tr> <td>AFE(\$):</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> </tbody> </table>					Drig	Comp	Fac	Total	AFE #:	159843/47968				Day Cost(\$):	54,604	0	0	54,604	Cum Cost(\$):	818,769	0	0	818,769	AFE(\$):	0	0	0	0
	Drig	Comp	Fac	Total																																
AFE #:	159843/47968																																			
Day Cost(\$):	54,604	0	0	54,604																																
Cum Cost(\$):	818,769	0	0	818,769																																
AFE(\$):	0	0	0	0																																
Current Activity: TRIPPING IN HOLE. PROJECTION @ T.D. 10,897' INC. 89.2 - AZM 178.2 - TVD 6,746' - 13.0 BELOW - 1.5 LEFT. 24 Hr Summary: DRILL LATERAL TO 10,901' TOOH. 24 Hr Forecast: TRIP IN HOLE & DRILL LATERAL.																																				
MUD PROPERTIES		MUD MATERIALS		BIT RECORD		CASING																														
Fluids Co.: Fluids Eng: CORY DRIVER Time: 6:01 Oil Cnt (%) : 0 Location: ICTION TANK H2O Cnt (%) : 87 Pit Temp: Sand Cnt (%) : 0.00 Depth (ft): 10,182.02 MBT: Density (ppg): 10.30 pH: 9.0 FV (s/qt): 29 Pm (cc): 0.1 PV (cp): 1 Pf (cc)/Mf (cc): 0.1 / 0.3 YP (lb/100ft²): 1 Chloride (ppm): 161,000 Gels (l): 1/1/0 Calcium: WL: LCM (lbm/bbl): 0.0 HTHP: ES (mV): Cake: 0.00 LGS: Solids: Ex Lime (ppb): ECD (ppg): 10.3 OWR: /		D M Cost(\$): \$3,849.42 C M Cost(\$): \$18,791.23 Mud Additives Used TEX-TAN 10 CORROSION INHIBITOR 1 CAUSTIC SODA 9 SCALE INHIBITOR 1 BRINE WATER 800 TAX 204		Bit# 3 S/N 18124 Size (in) 8.75 Mfg ULTERRA IADC Type U519M Model # U519M Jets 7X20 Depth In (ft) 7,026 Depth Out (ft) 10,897 Bit Rotations 70/236 On Btm Hrs Cum 14.50 Footage Cum (ft) 1,541 ROP Cum 91.1 WOB mm/mx (kip) 20 / 40 RPM rot/bit 70 / 236 Bit HP 0.81 HSI 0.38 PSI Drop (psi) 67.53 Jet Vel (ft/s) 85.60 Imp Force 261.75		Size(in) 16.00 MD(ft)/TVD(ft) 45.00 / 913.00 Fit/LOT(ppg) 45.00 / 913.00 15,146.03 / 6,719.01 INVENTORY Item DIESEL Inv 7,255 SOLIDS CONTROL Skr Deck 1 Screens Deck 2 Screens																														
MUD LOGGING																																				
Trip Gas (units): 0 @ Conn Gas (units): 0 @ Form:		BG Gas (units): 0 Pore Pressure: (%) Surf to Surf: Lag Strokes: Lag Time: (min)		Grading I O D L B G O R Bit # 3 1 1 CT H X I CT DMF Bit # 4																																
BHA # 4				STRING LOADS		MUD PUMPS																														
Qty	Item Description	ID (in)	OD (in)	Len (ft)	Cum (ft)	On Btm Torque: 18,000 Off Btm Torque: 7,500 Str. Wt. Up: 230 Str. Wt. Down: 120 Str. Wt. Rot.: 170 Max Over Pull: 20																														
1	ULTERRA U519M		8.750	1.00	1.00	BHA PROPERTIES BHA Hrs: 15 Jar Hrs: Cum String Hours: 45 Weight B Jars (kip):																														
1	1.83" FBH 7/8 5.0 MUD MOTOR		6.750	26.12	27.12																															
1	CROSSOVER (BFF)	2.875	6.437	3.65	30.77																															
1	UBHO SUB	2.875	6.437	3.68	34.45																															
1	NM DRILL COLLAR	3.250	6.750	29.12	63.57																															
1	NMFC	2.875	6.500	30.62	94.19																															
48	5" DRILL PIPE	4.276	5.000	1,519.98	1,614.17																															
1	AGITATOR	2.500	6.750	12.96	1,627.13																															
1	SHOCK SUB	2.062	6.562	11.58	1,638.71																															
1	5" DRILL PIPE	4.276	5.000	9,258.31	10,897.02																															
Total Length: 10,897.02						T GPM (gpm): 573 SPP (psi): 2,200 AV (DC): AV (DP):																														
SURVEYS																																				
MD (ft)	Inclination(°)	Azimuth (°)	TVD (ft)	V Section (ft)	+E/-W (ft)	+N/-S (ft)	Dog Leg (°/100ft)																													
10,143	91.50	178.50	6,746	3,566.23	731.66	-3,566.10	1.04																													
10,239	90.50	182.00	6,745	3,662.20	731.24	-3,662.07	3.79																													
10,334	89.10	180.10	6,745	3,757.17	729.50	-3,757.04	2.48																													
10,429	90.60	181.90	6,745	3,852.15	727.84	-3,852.02	2.47																													
10,524	90.20	182.30	6,745	3,947.08	724.36	-3,946.96	0.60																													
10,619	90.70	180.70	6,744	4,042.04	721.88	-4,041.92	1.76																													
10,714	89.10	179.40	6,744	4,137.04	721.79	-4,136.91	2.17																													
10,809	88.60	178.30	6,746	4,232.00	723.70	-4,231.87	1.27																													
OPERATION DETAILS																																				
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION																													
06:00	15:30	9.50	P	DRLPRD	10	DRLLAT	DRILL LATERAL FROM 9,356' TO 10,376.																													
15:30	16:00	0.50	P	DRLPRD	12	RIGSVC	SERVICE RIG AND TOP DRIVE.																													
16:00	21:00	5.00	P	DRLPRD	10	DRLLAT	DRILL LATERAL FROM 10,376' TO 10,897'.																													
21:00	22:00	1.00	P	DRLPRD	15	CIRC	CIRC. B/UP PUMP SLUG.																													
22:00	03:00	5.00	P	DRLPRD	13	TRIP	TOOH.																													
03:00	05:00	2.00	P	DRLPRD	14	PULDSTR	CHANGE BIT & BHA.																													
05:00	06:00	1.00	P	DRLPRD	13	TRIP	TIH.																													
Daily Operations Comments 1.83 FBH NOV PDM 7/8 5.0 SLICK. BTB 5.0'. BTG-36'. BTS-47'. RPG-.29 DRILLING OFF DIR. PLAN # 2.																																				

EP ENERGY Daily Drilling Report Onshore				Well Name/Wellbore No.: UNIVERSITY EAST 4412CH/OH				Report Number: 012							
Country: USA				Report Date: 02/15/2013				Spud Date:							
State/OCSS: TEXAS				Release Date:				DOL: 12 AFE Days: 10							
Field/Permit#: WOLFCAMP EAST				DFS: 7.00				Last BOP T.: 02/07/2013							
Supervisors: JOHN LAYTON / KENNETH SWILLEY				Safety & Environmental Incident: No											
Engineer/Manager: CHAPMAN AMEND / EVANS / GAYDOS															
Depth md/tvd (ft): 12,479.02 / 6,738.66				Rig: NORAM DRILLING/21				Drig							
Progress (ft): 1,582.00				Rig Phone: 713-997-1265				Comp							
ROP: 1,582.0 / 17.00 = 93.06				AFE #: 159843/47968				Fac							
Proposed TD (ft): 15,146.00				RKB (ft): 2,746.51				Total							
Next Csg Point (ft): 15,146.03				Ground Level (ft): 2,717.0				47.641							
				POB: 23 Total Man Hours: 0.00				866,410							
								0							
Current Activity: DRILLING LATERAL: 5,359' (PTB= 12,479MD. TVD 6,738'. INC 90.2°. AZM 179.4°. 9.8' BELOW. 14.9'L)															
24 Hr Summary: TIH. DRILLED LATERAL 10,897'-12,479'. 1HR DT DUE TO RIG POWER LOSS.															
24 Hr Forecast: DRILL LATERAL.															
MUD PROPERTIES				MUD MATERIALS				BIT RECORD							
Fluids Co.: CORY DRIVER				D M Cost(\$): \$1,906.23				Bit# 4							
Time: 6:01 Oil Cnt (%): 0				C M Cost(\$): \$20,697.46				S/N 17499							
Location: ICTION TANK				Mud Additives				Size (in) 8.75							
Pit Temp: 87				TAX				Mfg ULTERRA							
Depth (ft): 12,479.02 MBT:				BRINE WATER				IADC Type							
Density (ppg): 10.30 pH: 9.0				SODA ASH				Model #							
FV (s/qt): 29 Pm (cc): 0.1				CAUSTIC SODA				Jets							
PV (cp): 1 Pf (cc)/Mf (cc): 0.1 / 0.3								Depth In (ft) 10,897							
YP (lb/100ft²): 1 Chloride (ppm): 161,000								Depth Out (ft) 60/70							
Gels (l): 1/10 Calcium:								On Btm Hrs Cum 17.00							
WL: LCM (lbm/tbl): 0.0								Footage Cum (ft) 1,582							
HTHP: ES (mV):								ROP Cum 93.1							
Cake: 0.00 LGS:								WOB mm/mx (kip) 10 / 20							
Solids: Ex Lime (ppb):								RPM rot/bit 60 / 70							
ECD (ppg): 10.3 OWR:								Bit HP 0.43							
								HSI 0.20							
								PSI Drop (psi) 44.47							
								Jet Vel (ft/s) 69.47							
								Imp Force 172.38							
MUD LOGGING															
Trip Gas (units): 0 @				BG Gas (units): 0				Surf to Surf:							
Conn Gas (units): 0 @				Pore Pressure: (%)				Lag Strokes:							
Form:				Lag Time: (min)				Grading I O D L B G O R							
								Bit # 4							
BHA # 4						STRING LOADS									
Qty	Item Description		ID (in)	OD (in)	Len (ft)	Cum (ft)	On Btm Torque: 18,000								
1	ULTERRA U519M			8.750	1.00	1.00	Off Btm Torque: 7,500								
1	1.83" FBH 7/8 5.0 MUD MOTOR			6.750	26.12	27.12	Str. Wt. Up: 230								
1	CROSSOVER (BFF)		2.875	6.437	3.65	30.77	Str. Wt. Down: 120								
1	UBHO SUB		2.875	6.437	3.68	34.45	Str. Wt. Rot.: 170								
1	NM DRILL COLLAR		3.250	6.750	29.12	63.57	Max Over Pull: 20								
1	NMFC		2.875	6.500	30.62	94.19									
48	5" DRILL PIPE		4.276	5.000	1,519.98	1,614.17									
1	AGITATOR		2.500	6.750	12.96	1,627.13									
1	SHOCK SUB		2.062	6.562	11.58	1,638.71									
	5" DRILL PIPE		4.276	5.000	10,840.31	12,479.02									
						Total Length: 12,479.02									
BHA PROPERTIES						MUD PUMPS									
BHA Hrs:						#1 #2 #3									
Jar Hrs:						Pump Type:									
Cum String Hours: 0						Liner ID:									
Weight B Jars (kip):						SPM:									
						GPM:									
						SPR:									
						1 SPM:									
						Pressure:									
						2 SPM:									
						Pressure:									
						T GPM (gpm): 465 SPP (psi): 2,500									
						AV (DC): 334 AV (DP): 222									
SURVEYS															
MD (ft)		Inclination(°)		Azimuth (°)		TVD (ft)		V Section (ft)		+E/-W (ft)		+N/-S (ft)		Dog Leg (°/100ft)	
11,763		91.70		180.90		6,739		5,185.58		730.65		-5,185.45		0.82	
11,859		90.00		180.90		6,737		5,281.55		729.15		-5,281.42		1.77	
11,954		90.60		180.00		6,737		5,376.54		728.40		-5,376.42		1.14	
12,049		88.00		177.50		6,738		5,471.50		730.47		-5,471.37		3.80	
12,144		89.80		178.70		6,740		5,566.42		733.62		-5,566.30		2.28	
12,239		90.30		179.20		6,740		5,661.41		735.36		-5,661.28		0.74	
12,334		90.20		179.40		6,739		5,756.40		736.52		-5,756.27		0.24	
12,429		90.20		179.10		6,739		5,851.39		737.77		-5,851.26		0.32	
OPERATION DETAILS															
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION								
06:00	11:30	5.50	P	DRLPRD	13	TRIP	TIH WITH LATERAL BHA.								
11:30	12:00	0.50	P	DRLPRD	12	RIGSVC	RIG SERVICE.								
12:00	05:00	17.00	P	DRLPRD	10	DRLLAT	DRILL LATERAL 10,897'-12,479'.								
05:00	06:00	1.00	N	DRLPRD	47	RROTHR	RIG POWER OUT.								
Daily Operations Comments															
1.83 FBH NOV PDM 7/8 5.0 SLICK. BTB 5.0". BTG-36". BTS-47". RPG-.29 DRILLING OFF DIR. PLAN # 2.															

 Daily Drilling Report Onshore				Well Name/Wellbore No.: UNIVERSITY EAST 4412CH/OH Country: USA State/OCGS: TEXAS Field/Permit#: WOLFCAMP EAST Supervisors: JOHN LAYTON / KENNETH SWILLEY Engineer/Manager: CHAPMAN AMEND / EVANS / GAYDOS				Report Number: 013 Report Date: 02/16/2013 Spud Date: Release Date: DFS: 8.00 DOL: 13 AFE Days: 10 Last BOP T.: 02/07/2013 Safety & Environmental Incident: No																												
Depth md/tvd (ft): 14,364.03 / 6,730.61 Progress (ft): 1,885.00 ROP: 1,885.0 / 23.50 = 80.21 Proposed TD (ft): 15,146.00 Next Csg Point (ft): 15,146.03				Rig: NORAM DRILLING/21 Rig Phone: 713-997-1265 RKB (ft): 2,746.51 Ground Level (ft): 2,717.0 POB: 27 Total Man Hours: 0.00				<table border="1"> <thead> <tr> <th></th> <th>Drig</th> <th>Comp</th> <th>Fac</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>AFE #:</td> <td>159843/47968</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Day Cost(\$):</td> <td>95,580</td> <td>0</td> <td>0</td> <td>95,580</td> </tr> <tr> <td>Cum Cost(\$):</td> <td>932,620</td> <td>0</td> <td>0</td> <td>932,620</td> </tr> <tr> <td>AFE(\$):</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> </tbody> </table>					Drig	Comp	Fac	Total	AFE #:	159843/47968				Day Cost(\$):	95,580	0	0	95,580	Cum Cost(\$):	932,620	0	0	932,620	AFE(\$):	0	0	0	0
	Drig	Comp	Fac	Total																																
AFE #:	159843/47968																																			
Day Cost(\$):	95,580	0	0	95,580																																
Cum Cost(\$):	932,620	0	0	932,620																																
AFE(\$):	0	0	0	0																																
Current Activity: DRILLING LATERAL @ 14,364'. PROJECTED INC. 91.5 - AZM 181.9 - TVD 6,724' - BELOW 7' - 4' RIGHT. T. L. 7,153'. 24 Hr Summary: DRILLING LATERAL TO 14,364'. 24 Hr Forecast: DRILL LATERAL TO 15,145' TOOH.																																				
MUD PROPERTIES		MUD MATERIALS		BIT RECORD		CASING																														
Fluids Co.: Fluids Eng: CORY DRIVER Time: 6:01 Location: ICTION TANK Pit Temp: Depth (ft): 12,694.03 Density (ppg): 10.50 FV (s/qt): 29 PV (cp): 1 YP (lb/100ft²): 1 Gels (l): 1/10 WL: HTHP: Cake: 0.00 Solids: ECD (ppg): 10.6		D M Cost(\$): \$803.41 C M Cost(\$): \$21,500.87 Mud Additives Used BRINE WATER 200 SODA ASH 2 TAX 37 CAUSTIC SODA 8		Bit# 4 S/N 17499 Size (in) 8.75 Mfg ULTERRA IADC Type Model # U519M Jets 7X20 Depth In (ft) 10,897 Depth Out (ft) 15,122 Bit Rotations 70/226 On Btm Hrs Cum 40.50 Footage Cum (ft) 3,397 ROP Cum 83.9 WOB mm/mx (kip) / RPM rot/bit / Bit HP 0.45 HSI 0.21 PSI Drop (psi) 46.09 Jet Vel (ft/s) 70.04 Imp Force 178.64		<table border="1"> <thead> <tr> <th>Size(in)</th> <th>MD(ft)/TVD(ft)</th> <th>Fit/LOT(ppg)</th> </tr> </thead> <tbody> <tr> <td>16.00</td> <td>45.00 /</td> <td>45.00</td> </tr> <tr> <td>9.63</td> <td>913.00 /</td> <td>913.00</td> </tr> <tr> <td>5.50</td> <td>15,146.03 /</td> <td>6,719.01</td> </tr> </tbody> </table>		Size(in)	MD(ft)/TVD(ft)	Fit/LOT(ppg)	16.00	45.00 /	45.00	9.63	913.00 /	913.00	5.50	15,146.03 /	6,719.01																	
Size(in)	MD(ft)/TVD(ft)	Fit/LOT(ppg)																																		
16.00	45.00 /	45.00																																		
9.63	913.00 /	913.00																																		
5.50	15,146.03 /	6,719.01																																		
MUD LOGGING						INVENTORY																														
Trip Gas (units): 0 @ Conn Gas (units): 0 @ Form:		BG Gas (units): 0 Pore Pressure: (%) Surf to Surf: Lag Strokes: Lag Time: (min)		Grading Bit # 4 Bit # 4		<table border="1"> <thead> <tr> <th>Item</th> <th>Inv</th> </tr> </thead> <tbody> <tr> <td>DIESEL</td> <td>10,955</td> </tr> </tbody> </table>		Item	Inv	DIESEL	10,955																									
Item	Inv																																			
DIESEL	10,955																																			
						SOLIDS CONTROL																														
						<table border="1"> <thead> <tr> <th>Skr</th> <th>Deck 1 Screens</th> <th>Deck 2 Screens</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Skr	Deck 1 Screens	Deck 2 Screens																										
Skr	Deck 1 Screens	Deck 2 Screens																																		
BHA # 4				STRING LOADS		MUD PUMPS																														
Qty	Item Description	ID (in)	OD (in)	Len (ft)	Cum (ft)	On Btm Torque:	#1																													
1	ULTERRA U519M		8.750	1.00	1.00	16,000	#2																													
1	1.83" FBH 7/8 5.0 MUD MOTOR		6.750	26.12	27.12	10,000	#3																													
1	CROSSOVER (BFF)	2.875	6.437	3.65	30.77	Str. Wt. Up: 240																														
1	UBHO SUB	2.875	6.437	3.68	34.45	Str. Wt. Down: 110																														
1	NM DRILL COLLAR	3.250	6.750	29.12	63.57	Str. Wt. Rot.: 170																														
1	NMFC	2.875	6.500	30.62	94.19	Max Over Pull: 20																														
48	5" DRILL PIPE	4.276	5.000	1,519.98	1,614.17																															
1	AGITATOR	2.500	6.750	12.96	1,627.13																															
1	SHOCK SUB	2.062	6.562	11.58	1,638.71																															
	5" DRILL PIPE	4.276	5.000	13,483.32	15,122.03																															
Total Length: 15,122.03						BHA PROPERTIES BHA Hrs: 24 Jar Hrs: Cum String Hours: 24 Weight B Jars (kip):	Pump Type: Liner ID: SPM: GPM: SPR: 1 SPM: Pressure: 2 SPM: Pressure:																													
						T GPM (gpm): 234 SPP (psi): AV (DC): 334 AV (DP): 222																														
SURVEYS																																				
MD (ft)	Inclination(°)	Azimuth (°)	TVD (ft)	V Section (ft)	+E/-W (ft)	+N/-S (ft)	Dog Leg (°/100ft)																													
13,572	90.20	180.60	6,733	6,994.14	721.38	-6,994.02	1.37																													
13,668	90.10	178.40	6,732	7,090.13	722.21	-7,090.01	2.29																													
13,763	92.00	178.40	6,731	7,185.08	724.87	-7,184.95	2.00																													
13,858	91.20	181.40	6,728	7,280.03	725.03	-7,279.90	3.27																													
13,953	88.10	182.00	6,728	7,374.97	722.21	-7,374.84	3.32																													
14,048	89.00	180.60	6,731	7,469.91	720.06	-7,469.79	1.75																													
14,142	91.50	181.90	6,730	7,563.88	718.01	-7,563.75	3.00																													
14,239	89.00	180.50	6,730	7,660.85	715.98	-7,660.72	2.95																													
OPERATION DETAILS																																				
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION																													
06:00	16:30	10.50	P	DRLPRD	10	DRLLAT	DRILL LATERAL 12,479' TO 13,429'.																													
16:30	17:00	0.50	P	DRLPRD	12	RIGSVC	SERVICE RIG AND TOP DRIVE.																													
17:00	06:00	13.00	P	DRLPRD	10	DRLLAT	DRILL LATERAL 13,429' TO 14,364'.																													
Daily Operations Comments 1.83 FBH NOV PDM 7/8 5.0 SLICK. BTB 5.0', BTG-36'. BTS-47'. RPG--29 DRILLING OFF DIR. PLAN # 2.																																				

 Daily Drilling Report Onshore				Well Name/Wellbore No.: UNIVERSITY EAST 4412CH/OH Country: USA State/OCSG: TEXAS Field/Permit#: WOLFCAMP EAST Supervisors: JOHN LAYTON / KENNETH SWILLEY Engineer/Manager: CHAPMAN AMEND / EVANS / GAYDOS				Report Number: 014 Report Date: 02/17/2013 Spud Date: Release Date: DFS: 9.00 DOL: 14 AFE Days: 10 Last BOP T.: 02/07/2013 Safety & Environmental Incident: No																												
Depth md/tvd (ft): 15,122.03 / 6,739.08 Progress (ft): 758.00 ROP: 758.0 / 7.50 = 101.07 Proposed TD (ft): 15,146.00 Next Csg Point (ft): 15,146.03				Rig: NORAM DRILLING/21 Rig Phone: 713-997-1265 RKB (ft): 2,746.51 Ground Level (ft): 2,717.0 POB: 33 Total Man Hours: 0.00				<table border="1"> <thead> <tr> <th></th> <th>Drig</th> <th>Comp</th> <th>Fac</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>AFE #:</td> <td>159843/47968</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Day Cost(\$):</td> <td>60,973</td> <td>0</td> <td>0</td> <td>60,973</td> </tr> <tr> <td>Cum Cost(\$):</td> <td>993,593</td> <td>0</td> <td>0</td> <td>993,593</td> </tr> <tr> <td>AFE(\$):</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> </tbody> </table>					Drig	Comp	Fac	Total	AFE #:	159843/47968				Day Cost(\$):	60,973	0	0	60,973	Cum Cost(\$):	993,593	0	0	993,593	AFE(\$):	0	0	0	0
	Drig	Comp	Fac	Total																																
AFE #:	159843/47968																																			
Day Cost(\$):	60,973	0	0	60,973																																
Cum Cost(\$):	993,593	0	0	993,593																																
AFE(\$):	0	0	0	0																																
Current Activity: RUNNING CASING @ 300' (PTB - 15,122' - TVD 6,738' - INC. 92.6 - AZ 178.4 - 18.8 BELOW - 6.2 RIGHT - TOTAL LATERAL 8,000') 24 Hr Summary: DRILL LATERAL TO 15,122', CIRC, TOOH, CHANGE RAMS, RU & RUN CASING. 24 Hr Forecast: FINISH RUNNING & CMT PROD. CSG. ND BOP.																																				
MUD PROPERTIES		MUD MATERIALS		BIT RECORD		CASING																														
Fluids Co.: Fluids Eng: CORY DRIVER Time: 6:01 Oil Cnt (%): 0 Location: ICTION TANK H2O Cnt (%): 85 Pit Temp: Sand Cnt (%): 0.00 Depth (ft): 14,715.03 MBT: Density (ppg): 10.40 pH: 9.5 FV (s/qt): 29 Pm (cc): 0.1 PV (cp): 1 Pf (cc)/Mf (cc): 0.1 / 0.4 YP (lb/100ft²): 1 Chloride (ppm): 178,000 Gels (l): 1/10 Calcium: WL: LCM (lbm/bbl): 0.0 HTHP: ES (mV): Cake: 0.00 LGS: Solids: Ex Lime (ppb): ECD (ppg): 10.5 OWR:		D M Cost(\$): \$8,328.23 C M Cost(\$): \$29,829.10 Mud Additives SODA ASH 2 TAX 539 CAUSTIC SODA 14 SALT BAG 2 TEX-TAN 25 BRINE WATER 1,200		Bit# 4 S/N 17499 Size (in) 8.75 Mfg ULTERRA IADC Type Model # U519M Jets 7X20 Depth In (ft) 10,897 Depth Out (ft) 15,122 Bit Rotations 70/226 On Btm Hrs Cum 48.00 Footage Cum (ft) 4,155 ROP Cum 86.6 WOB mm/mx (kip) 20 / 40 RPM rot/bit 70 / 226 Bit HP 0.70 HSI 0.32 PSI Drop (psi) 61.50 Jet Vel (ft/s) 81.30 Imp Force 238.38		Size(in) MD(ft)/TVD(ft) FIT LOT(ppg) 16.00 45.00 / 45.00 9.63 913.00 / 913.00 5.50 15,146.03 / 6,719.01																														
MUD LOGGING				INVENTORY																																
Trip Gas (units): 0 @ BG Gas (units): 0 Surf to Surf: Conn Gas (units): 0 @ Lag Strokes: Form: Pore Pressure: (%) Lag Time: (min)				Item Inv DIESEL 9,575																																
BHA # 4				STRING LOADS																																
Qty	Item Description	ID (in)	OD (in)	Len (ft)	Cum (ft)	On Btm Torque: 21,000 Off Btm Torque: 13,000 Str. Wt. Up: 270 Str. Wt. Down: 100 Str. Wt. Rot.: 170 Max Over Pull: 30																														
1	ULTERRA U519M		8.750	1.00	1.00	BHA PROPERTIES BHA Hrs: 8 Jar Hrs: Cum String Hours: 34 Weight B Jars (kip):																														
1	1.83" FBH 7/8 5.0 MUD MOTOR		6.750	26.12	27.12																															
1	CROSSOVER (BFF)	2.875	6.437	3.65	30.77																															
1	UBHO SUB	2.875	6.437	3.68	34.45																															
1	NM DRILL COLLAR	3.250	6.750	29.12	63.57																															
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1	AGITATOR	2.500	6.750	12.96	1,627.13																															
1	SHOCK SUB	2.062	6.562	11.58	1,638.71																															
1	5" DRILL PIPE	4.276	5.000	13,483.32	15,122.03																															
Total Length: 15,122.03						T GPM (gpm): 540 SPP (psi): 3,000 AV (DC): 334 AV (DP): 222																														
SURVEYS																																				
MD (ft)	Inclination(°)	Azimuth (°)	TVD (ft)	V Section (ft)	+E/-W (ft)	+N/-S (ft)	Dog Leg (°/100ft)																													
14,524	89.30	180.30	6,729	7,945.82	715.15	-7,945.70	2.35																													
14,619	89.90	180.40	6,729	8,040.82	714.57	-8,040.69	0.64																													
14,714	88.70	180.60	6,731	8,135.80	713.74	-8,135.68	1.28																													
14,809	87.80	180.00	6,734	8,230.76	713.24	-8,230.63	1.14																													
14,904	88.30	179.90	6,737	8,325.70	713.32	-8,325.58	0.54																													
14,998	88.00	179.60	6,740	8,419.65	713.73	-8,419.53	0.45																													
15,075	90.90	178.80	6,741	8,496.63	714.81	-8,496.51	3.91																													
15,122	92.60	178.40	6,739	8,543.60	715.96	-8,543.47	3.72																													
OPERATION DETAILS																																				
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION																													
06:00	13:30	7.50	P	DRLPRD	10	DRLLAT	DRILL LATERAL 14,364' TO 15,122'.																													
13:30	14:00	0.50	P	DRLPRD	12	RIGSVC	SERVICE RIG & TOP DRIVE.																													
14:00	16:30	2.50	P	DRLPRD	15	CIRC	C & C MUD.																													
16:30	00:00	7.50	P	DRLPRD	13	TRIP	PUMP SLUG TOOH.																													
00:00	01:00	1.00	P	DRLPRD	14	PULDSTR	LD BHA.																													
01:00	02:30	1.50	P	CASPRD1	23	RAMBLCK	CHANGE RAMS.																													
02:30	06:00	3.50	P	CASPRD1	24	RUNCAS	RU & RUN 5 1/2" 17# HC-P110 LTC PRODUCTION CASING.																													
Daily Operations Comments 1.83 FBH NOV PDM 7/8 5.0 SLICK. BTB 5.0'. BTG-36'. BTS-47'. RPG-.29 DRILLING OFF DIR. PLAN # 2.																																				

EP ENERGY Daily Drilling Report Onshore				Well Name/Wellbore No.: UNIVERSITY EAST 4412CH/OH				Report Number: 015											
				Country: USA				Report Date: 02/18/2013											
				State/OCSG: TEXAS				Spud Date:											
				Field/Permit#: WOLFCAMP EAST				Release Date:											
				Supervisors: JOHN LAYTON / KENNETH SWILLEY				DFS: 10.00 DOL: 15 AFE Days: 10											
				Engineer/Manager: CHAPMAN AMEND / EVANS / GAYDOS				Last BOP T.: 02/07/2013											
								Safety & Environmental Incident: No											
Depth md/tvd (ft): 15,122.03 / 6,739.08				Rig: NORAM DRILLING/21				Drig				Comp		Fac		Total			
Progress (ft): 0.00				Rig Phone: 713-997-1265				AFE #:				15984347968							
ROP: 0.0 / = 0.00				RKB (ft): 2,746.51				Day Cost(\$):				44,273		0		44,273			
Proposed TD (ft): 15,146.00				Ground Level (ft): 2,717.0				Cum Cost(\$):				1,037,866		0		1,037,866			
Next Csg Point (ft): 15,146.03				POB: 23 Total Man Hours: 0.00				AFE(\$):				0		0		0			
Current Activity: RD HES																			
24 Hr Summary: RAN & CMT PRODUCTION CSG. RD HES.																			
24 Hr Forecast: ND BOP. SET SLIPS. INSTALL TA CAP FINISH ND. PREP TO SKID.																			
MUD PROPERTIES				MUD MATERIALS				BIT RECORD				CASING							
Fluids Co.: CORY DRIVER				D M Cost(\$): \$0.00				Bit#				Size(in)							
Time: 6:01 Oil Cnt (%): 0				C M Cost(\$): \$29,829.10				S/N				MD(ft)/TVD(ft)							
Location: ICTION TANK				Mud Additives				Used				FIT LOT(ppg)							
Pit Temp: Sand Cnt (%): 0.00								Size (in)				16.00 45.00 / 45.00							
Depth (ft): 14,715.03 MBT:								Mfg				9.63 913.00 / 913.00							
Density (ppg): 10.40 pH: 9.5								IADC Type				5.50 15,146.03 / 6,719.01							
FV (s/qt): 29 Pm (cc): 0.1								Model #											
PV (cp): 1 Pf (cc)/Mf (cc): 0.1 / 0.4								Jets											
YP (lb/100ft²): 1 Chloride (ppm): 178,000								Depth In (ft)											
Gels (l): 1/10 Calcium: 0.0								Depth Out (ft)											
WL: LCM (lbm/bbl): 0.0								Bit Rotations											
HTHP: ES (mV):								On Btm Hrs Cum											
Cake: 0.00 LGS:								Footage Cum (ft)											
Solids: Ex Lime (ppb):								ROP Cum											
ECD (ppg): 10.5 OWR:								WOB mm/mx (kip)											
								RPM rot/bit											
								Bit HP											
								HSI											
								PSI Drop (psi)											
								Jet Vel (ft/s)											
								Imp Force											
								Grading				I O D L B G O R							
								Bit #											
								Bit #											
MUD LOGGING																			
Trip Gas (units): 0 @				BG Gas (units): 0				Surf to Surf:											
Conn Gas (units): 0 @				Pore Pressure: (%)				Lag Strokes:											
Form:								Lag Time: (min)											
BHA # 4						STRING LOADS						MUD PUMPS							
Qty	Item Description					ID (in)	OD (in)	Len (ft)	Cum (ft)	On Btm Torque:						#1			
1	ULTERRA U519M						8.750	1.00	1.00	Off Btm Torque:						#2			
1	1.83" FBH 7/8 5.0 MUD MOTOR						6.750	26.12	27.12	Str. Wt. Up:						#3			
1	CROSSOVER (BFF)					2.875	6.437	3.65	30.77	Str. Wt. Down:									
1	UBHO SUB					2.875	6.437	3.68	34.45	Str. Wt. Rot.:									
1	NM DRILL COLLAR					3.250	6.750	29.12	63.57	Max Over Pull:									
1	NMFC					2.875	6.500	30.62	94.19										
48	5" DRILL PIPE					4.276	5.000	1,519.98	1,614.17										
1	AGITATOR					2.500	6.750	12.96	1,627.13										
1	SHOCK SUB					2.062	6.562	11.58	1,638.71										
1	5" DRILL PIPE					4.276	5.000	13,483.32	15,122.03										
Total Length: 15,122.03																			
BHA PROPERTIES																			
BHA Hrs:																			
Jar Hrs:																			
Cum String Hours:																			
Weight B Jars (kip):																			
T GPM (gpm): SPP (psi):																			
AV (DC): 334 AV (DP): 222																			
SURVEYS																			
MD (ft)		Inclination(°)		Azimuth (°)		TVD (ft)		V Section (ft)		+E/-W (ft)		+N/-S (ft)		Dog Leg (°/100ft)					
14,524		89.30		180.30		6,729		7,945.82		715.15		-7,945.70		2.35					
14,619		89.90		180.40		6,729		8,040.82		714.57		-8,040.69		0.64					
14,714		88.70		180.60		6,731		8,135.80		713.74		-8,135.68		1.28					
14,809		87.80		180.00		6,734		8,230.76		713.24		-8,230.63		1.14					
14,904		88.30		179.90		6,737		8,325.70		713.32		-8,325.58		0.54					
14,998		88.00		179.60		6,740		8,419.65		713.73		-8,419.53		0.45					
15,075		90.90		178.80		6,741		8,496.63		714.81		-8,496.51		3.91					
15,122		92.60		178.40		6,739		8,543.60		715.96		-8,543.47		3.72					
OPERATION DETAILS																			
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION												
06:00	17:00	11.00	P	CASPRD1	24	RUNCAS	RUN 366 JOINTS 5 1/2" HC-P110 LTC PRODUCTION CASING TO 15,096'. MARKER JOINTS @ 11090', 7077', 6,253', FLOTATION COLLAR @ 6,820', CASING GUN @ 14,966'. RAN 68 CASE TECH SOLID BODY ROUND VANE CENTRALIZERS PLACED E/3RD JOINT.												
21:00	22:00	1.00	P	CASPRD1	15	CIRC	INSTALL CMT HEAD RUPTURE FLOTATION COLLAR WITH 1900 PSI. CIRCULATE OUT AIR.												
22:00	23:00	1.00	P	CASPRD1	15	CIRC	DROP INDICATOR PLUG AND DISPLACE SAME. NO INCREASE WHEN PLUG PASSED FLOTATION COLLAR. PRESSURED UP TO 1,752 PSI @ 7,479' (174.4 BBLs). PRESSURE UP TO 2,328 PSI. PRESSURE DECREASED TO 500 PSI. PUMPED 172.7 BBLs (174.5 STROKES) PRESSURE INCREASED TO 750 PSI INDICATING PLUG HAD LANDED ON FLOAT COLLAR. PRESSURED UP TO 2329 PSI AND RUPTURE PLUG.												
23:00	23:30	0.50	N	CASPRD1	65	WOEP	C&C MUD 8 BPM @ 750 PSI WHILE HOLDING PJSM.												
23:30	06:00	6.50	P	CASPRD1	25	PRIMCEM	SWITCH LINES TO HALLIBURTON. BREAK CIRCULATION. TEST LINES TO 8K. PUMP 40 BBL FRESH WATER SPACER. PUMPED 760 SX VERSACEM-H LEAD CMT. 11.5 PPG YIELD 2.55 (348 BBLs) TAILED WITH 2,185 SX VERSACEM-H CMT 14.4 PPG YIELD 1.27 (494 BBLs) WASH LINES. DROP TOP PLUG. DISPLACE WITH 170 BBLs H2O. PRESSURED UP 179 BBLs EARLY INTO DISPLACEMENT. PRESSURE UP TO 8,500 PSI IN ATTEMPT TO DISPLACE CMT WITH NO SUCCESS. HELD 8,000' PSI FOR 1HR. BLEED OFF PRESSURE. 5 BBLs BACK. FLOATS HELD. EST TOC 434'. EST TOC IN PRODUCTION CSG 7,500'. RD HES												
Daily Operations Comments																			
1.83 FBH NOV PDM 7/8 5.0 SLICK. BTB 5.0', BTG-36'. BTS-47'. RPG-.29 DRILLING OFF DIR. PLAN # 2.																			

Daily Drilling Report Onshore		Well Name/Wellbore No.: UNIVERSITY EAST 4412CH/OH		Report Number: 016 Report Date: 02/19/2013 Spud Date: Release Date: DFS: 11.00 DOL: 16 AFE Days: 10 Last BOP T.: 02/07/2013 Safety & Environmental Incident: No	
		Country: USA State/OCSG: TEXAS Field/Permit#: WOLFCAMP EAST Supervisors: JOHN LAYTON / KENNETH SWILLEY Engineer/Manager: CHAPMAN AMEND / EVANS / GAYDOS			

Depth md/tvd (ft): 15,122.03 / 6,739.08 Progress (ft): 15,122.03 ROP: 15,122.0 / = 0.00 Proposed TD (ft): 15,146.00 Next Csg Point (ft): 15,146.03	Rig: NORAM DRILLING/21 Rig Phone: 713-997-1265 RKB (ft): 2,746.51 Ground Level (ft): 2,717.0 POB: 38 Total Man Hours: 0.00	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th></th> <th>Drig</th> <th>Comp</th> <th>Fac</th> <th>Total</th> </tr> <tr> <td>AFE #: 159843/47968</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Day Cost(\$): 214,586</td> <td>312,215</td> <td>0</td> <td>526,801</td> </tr> <tr> <td>Cum Cost(\$): 1,252,453</td> <td>312,215</td> <td>0</td> <td>1,564,668</td> </tr> <tr> <td>AFE(\$): 0</td> <td>0</td> <td>0</td> <td>0</td> </tr> </table>		Drig	Comp	Fac	Total	AFE #: 159843/47968					Day Cost(\$): 214,586	312,215	0	526,801	Cum Cost(\$): 1,252,453	312,215	0	1,564,668	AFE(\$): 0	0	0	0
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Current Activity: SKIDING.
24 Hr Summary: ND BOP. SET SLIPS. INSTALL TA CAP FINISH ND. PREP TO SKID.
24 Hr Forecast: SKID OVER TO UNIVERSITY 4412 BH.

MUD PROPERTIES	MUD MATERIALS	BIT RECORD	CASING																								
Fluids Co.: Fluids Eng: CORY DRIVER Time: 6:01 Location: ICTION TANK Pit Temp: Depth (ft): 15,122.03 Density (ppg): 10.50 FV (s/qt): 28 PV (cp): 1 YP (lb/100ft²): 1 Gels (l): 1/1/0 WL: HTHP: Cake: 0.00 Solids: ECD (ppg): 10.6	D M Cost(\$): \$5,736.50 C M Cost(\$): \$35,565.60 <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Mud Additives</th> <th>Used</th> </tr> <tr> <td>TAX</td> <td>376</td> </tr> <tr> <td>TEX-TAN</td> <td>10</td> </tr> <tr> <td>CAUSTIC SODA</td> <td>6</td> </tr> <tr> <td>BARITE</td> <td>4</td> </tr> <tr> <td>BRINE WATER</td> <td>800</td> </tr> </table>	Mud Additives	Used	TAX	376	TEX-TAN	10	CAUSTIC SODA	6	BARITE	4	BRINE WATER	800	Bit# S/N Size (in) Mfg IADC Type Model # Jets Depth In (ft) Depth Out (ft) Bit Rotations On Btm Hrs Cum Footage Cum (ft) ROP Cum WOB mm/mx (kip) RPM rot/bit Bit HP HSI PSI Drop (psi) Jet Vel (ft/s) Imp Force Grading I O D L B G O R Bit # Bit #	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Size(in)</th> <th>MD(ft)/TVD(ft)</th> <th>Fit/LOT(ppg)</th> </tr> <tr> <td>16.00</td> <td>45.00 /</td> <td>45.00</td> </tr> <tr> <td>9.63</td> <td>913.00 /</td> <td>913.00</td> </tr> <tr> <td>5.50</td> <td>15,146.03 /</td> <td>6,719.01</td> </tr> </table>	Size(in)	MD(ft)/TVD(ft)	Fit/LOT(ppg)	16.00	45.00 /	45.00	9.63	913.00 /	913.00	5.50	15,146.03 /	6,719.01
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MUD LOGGING	INVENTORY
Trip Gas (units): 0 @ Conn Gas (units): 0 @ Form:	Item DIESEL Inv 8,775

MUD LOGGING	SOLIDS CONTROL						
BG Gas (units): 0 Pore Pressure: (%) Surf to Surf: Lag Strokes: Lag Time: (min)	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Skr</th> <th>Deck 1 Screens</th> <th>Deck 2 Screens</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>	Skr	Deck 1 Screens	Deck 2 Screens			
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