




 Daily Operations Report Onshore			Well Name/Wellbore No.: UNIVERSITY EAST 4109EH/OH Country: USA State: TEXAS Field: WOLFCAMP EAST Supervisors: DREXEL THORNTON / N/A Engineer/Manager: ELLIS, PRESTON / LLOYD BARRY			Report Number: 001 Report Date: 06/07/2014 Spud Date: 05/02/2014 Release Date: DOE: DOL: 1 AFE Days: 10.00 Last BOP T.: CSG Test: Safety & Environmental Incident: No																											
Event: COMPLETION LAND Safety Meeting Topic:			Rig: Rig Phone: RKB (Sea Level) (ft): 2,677.51 2,648.0 POB: 5 Manhours: 10.00			<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></td> <td>160515/51348</td> <td></td> <td></td> </tr> <tr> <td>Day Cost(\$):</td> <td>0</td> <td>3,325</td> <td>0</td> <td>3,325</td> </tr> <tr> <td>Cum Cost(\$)</td> <td>0</td> <td>3,325</td> <td>0</td> <td>3,325</td> </tr> <tr> <td>AFE(\$):</td> <td>1,828,950</td> <td>3,955,500</td> <td>330,000</td> <td>6,114,450</td> </tr> </tbody> </table>				Drig	Comp	FAC	Total	AFE #:		160515/51348			Day Cost(\$):	0	3,325	0	3,325	Cum Cost(\$)	0	3,325	0	3,325	AFE(\$):	1,828,950	3,955,500	330,000	6,114,450
	Drig	Comp	FAC	Total																													
AFE #:		160515/51348																															
Day Cost(\$):	0	3,325	0	3,325																													
Cum Cost(\$)	0	3,325	0	3,325																													
AFE(\$):	1,828,950	3,955,500	330,000	6,114,450																													
Location: Lat: 31° 1' 17.92892 N Long: 101° 10' 9.59800 W			Current Activity: MIRU PUMP TRUCK 24 Hr Summary: N/U AND TEST 7 1/16 10 M FRAC VALVE 24 Hr Forecast: TEST 5-1/2 CASING SHIFT SLEEVE TEST 9-5/8 X 5-1/2 CASING																														
OPERATION DETAILS																																	
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION																										
10:30	11:00	0.50	P	WBP	28	SFTYMTG	HSM REVIEW JSA (HAND AND BODY PLACEMENT HIGH PRESSURE LINES) EP POLICES AND PROCEDURES																										
12:30	13:15	0.75	P	WBP	16	NUND	N/U 7-1/16 10 M FRAC VALVE																										
13:15	14:00	0.75	P	WBP	18	OTHR	TEST VALVE 250 LOW PSI 10,000 HIGH PSI ALL TEST GOOD REMOVE TEST PLUG SECURE WELL																										
Daily Operations Comments: NO ACCIDENTS, NO INJURIES, NO LOST TIME.																																	
DAILY COSTS			FLUIDS			COMPLETION STRING DETAILS																											
Code	Description	Cost	Fluids Co:			Down Hole Tool Co:																											
154	WELL CONTROL RENTALS	175	Fluids Eng:			Qty	Description	Tool Sup:																									
212	SUPERVISION - CONTRACT	1,500	Pit Temp:					ID																									
242	BOP/WELLHEAD TESTING	1,650	Density:					OD																									
			Brine Type:					Top Set																									
			Gel Type:																														
			Viscosity:																														
			Nitrogen:																														
			NTU:																														
			FLOWBACK																														
			Gas Rate:																														
			Choke Size:																														
			Avg. Tbg. Press:																														
			Avg. Csg. Press:																														
			Fluid Rate (Water):																														
			Fluid Rate (Oil):																														
			Tot. Load Recovered:																														
			CASING																														
			Size(in)	MD(ft)/TVD(ft)	LOT(ppg)																												
			14.000	69.00 / 69.00																													
			9.625	1,008.00 / 1,008.00																													
PERFORATIONS																																	
Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments																										

 Daily Operations Report Onshore		Well Name/Wellbore No.: UNIVERSITY EAST 4109EH/OH Country: USA State: TEXAS Field: WOLFCAMP EAST Supervisors: RANSOM GAUTHIER/GREGG ALLGOOD / N/A Engineer/Manager: ELLIS, PRESTON / LLOYD BARRY		Report Number: 003 Report Date: 06/27/2014 Spud Date: 05/02/2014 Release Date: DOE: 20 DOL: 3 AFE Days: 10.00 Last BOP T.: Safety & Environmental Incident: No																										
Event: COMPLETION LAND Safety Meeting Topic:		Rig: Rig Phone: RKB (Sea Level) (ft): 2,677.51 2,648.0 POB: 0 Manhours: 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></td> <td>160515/51348</td> <td></td> <td></td> </tr> <tr> <td>Day Cost(\$):</td> <td>0</td> <td>30,785</td> <td>0</td> <td>30,785</td> </tr> <tr> <td>Cum Cost(\$)</td> <td>0</td> <td>64,179</td> <td>0</td> <td>64,179</td> </tr> <tr> <td>AFE(\$):</td> <td>1,828,950</td> <td>3,955,500</td> <td>330,000</td> <td>6,114,450</td> </tr> </tbody> </table>			Drig	Comp	FAC	Total	AFE #:		160515/51348			Day Cost(\$):	0	30,785	0	30,785	Cum Cost(\$)	0	64,179	0	64,179	AFE(\$):	1,828,950	3,955,500	330,000	6,114,450
	Drig	Comp	FAC	Total																										
AFE #:		160515/51348																												
Day Cost(\$):	0	30,785	0	30,785																										
Cum Cost(\$)	0	64,179	0	64,179																										
AFE(\$):	1,828,950	3,955,500	330,000	6,114,450																										
Location: Lat: 31° 1' 17.92892 N Long: 101° 10' 9.59800 W		Current Activity: HSM. FINISH RU. 24 Hr Summary: RIG UP FRAC STACK AND MANIFOLD. 24 Hr Forecast: PUMP TOE ACID TREATMENT. FRAC STAGES 1 - 3.																												
OPERATION DETAILS																														
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION																							
12:00	17:30	5.50	P	MIRU	01	MIRU	RD MO FRAC IRON, PUMPS, AND DATA VAN TO GAIN ACCESS TO WH. SET 5 1/8" 10K FRAC ZIPPER MANIFOLD.																							
17:30	18:00	0.50	P	MIRU	28	SFTYMTG	HSM W/NIGHT SHIFT PERSONNEL.																							
18:00	22:00	4.00	P	MIRU	01	MIRU	NU FRAC/ZIPPER MANIFOLD.																							
22:00	23:00	1.00	P	MIRU	01	MIRU	TEST FRAC/ZIPPER MANIFOLD 250 LOW PSI 10,000 HIGH PSI TEST GOOD. REMOVED TEST PLUG AND SECURE WELL.																							
23:00	05:30	6.50	P	MIRU	01	MIRU	FTSI CONTINUE TO RU RISERS, IRON AND GROUND STATIONS.																							
05:30	06:00	0.50	P	MIRU	28	SFTYMTG	HSM W/DAY SHIFT PERSONNEL.																							
Daily Operations Comments: NO ACCIDENTS, NO INJURIES, NO LOST TIME.																														
DAILY COSTS			FLUIDS			COMPLETION STRING DETAILS																								
Code	Description	Cost	Fluids Co: Fluids Eng: Pit Temp: Density: Brine Type: Gel Type: Viscosity: Nitrogen: NTU:			Down Hole Tool Co: Tool Sup: Qty Description ID OD Top Set																								
111	LOCATION PREPARATION	530	FLOWBACK Gas Rate: Choke Size: Avg. Tbg. Press: Avg. Csg. Press: Fluid Rate (Water): Fluid Rate (Oil): Tot. Load Recovered:																											
123	CAMP AND CATERING	1,450																												
132	DISPOSAL - CUTTINGS, FLUIDS	1,500																												
134	FRAC TANK RENTAL	25																												
134	FRAC TANK RENTAL	195																												
134	FRAC TANK RENTAL	45																												
154	WELL CONTROL RENTALS	1,750																												
154	WELL CONTROL RENTALS	5,500																												
154	WELL CONTROL RENTALS	1,850																												
154	WELL CONTROL RENTALS	900																												
154	WELL CONTROL RENTALS	4,800																												
154	WELL CONTROL RENTALS	900																												
155	OFFICE, SEWAGE AND MISC RENTALS	2,875	CASING Size(in) MD(ft)/TVD(ft) LOT(ppg) 14.000 / 69.00 9.625 1,008.00 / 1,008.00																											
155	OFFICE, SEWAGE AND MISC RENTALS	600																												
155	OFFICE, SEWAGE AND MISC RENTALS	390																												
155	OFFICE, SEWAGE AND MISC RENTALS	720																												
155	OFFICE, SEWAGE AND MISC RENTALS	130																												
157	SAFETY/MEDICAL	225																												
PERFORATIONS																														
Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments																							

 Daily Operations Report Onshore		Well Name/Wellbore No.: UNIVERSITY EAST 4109EH/OH Country: USA State: TEXAS Field: WOLFCAMP EAST Supervisors: G. ALLGOOD/ R. GAUTHIER / J. AGUILAR/ R. O. Engineer/Manager: ELLIS, PRESTON / LLOYD BARRY		Report Number: 004 Report Date: 06/28/2014 Spud Date: 05/02/2014 Release Date: DOE: 21 Last BOP T.: Safety & Environmental Incident: No		AFE Days: 10.00 CSG Test:																										
Event: COMPLETION LAND Safety Meeting Topic:		Rig: Rig Phone: RKB (Sea Level) (ft): 2,677.51 2,648.0 POB: 101 Manhours: 539.50		<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></td> <td>160515/51348</td> <td></td> <td></td> </tr> <tr> <td>Day Cost(\$):</td> <td>0</td> <td>190,002</td> <td>0</td> <td>190,002</td> </tr> <tr> <td>Cum Cost(\$):</td> <td>0</td> <td>254,181</td> <td>0</td> <td>254,181</td> </tr> <tr> <td>AFE(\$):</td> <td>1,828,950</td> <td>3,955,500</td> <td>330,000</td> <td>6,114,450</td> </tr> </tbody> </table>			Drig	Comp	FAC	Total	AFE #:		160515/51348			Day Cost(\$):	0	190,002	0	190,002	Cum Cost(\$):	0	254,181	0	254,181	AFE(\$):	1,828,950	3,955,500	330,000	6,114,450		
	Drig	Comp	FAC	Total																												
AFE #:		160515/51348																														
Day Cost(\$):	0	190,002	0	190,002																												
Cum Cost(\$):	0	254,181	0	254,181																												
AFE(\$):	1,828,950	3,955,500	330,000	6,114,450																												
Location: Lat: 31° 1' 17.92892 N Long: 101° 10' 9.59800 W																																
Current Activity: FRAC STAGE #3 24 Hr Summary: TOE PREP, FRAC STAGES 1-2 & WL STAGES 1-3 24 Hr Forecast: FRAC STAGES 3-7 & WL STAGES 4-8																																
OPERATION DETAILS																																
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION																									
06:00	12:15	6.25	P	MIRU	01	MIRU	RIGGING UP PUMP DOWN PUMPS TO WELLHEAD/ PRIME UP AND PRESSURE TEST EQUIPMENT																									
12:15	15:15	3.00	P	WBP	35	STIM	WELL BORE PREP RAN 60 BBLS OF ACID. ACID HIT AT 410 BBLS @ 6873 PSI. 9 BPM. ACID LANDED AT 3271 PSI @ 423 BBLS. ISIP 2413 PSI. TOTAL VOLUME 530 BBLS. PRESSURE AT 20 BPM WAS @ 3385 PSI.																									
15:15	18:30	3.25	P	STG01	21	PERF	WIREFRAME STAGE #1 RU WL ON WELL. TEST WLPCE TO 7000 PSI. RIH W/ 4.60" G.R. ALONG W/ 6 - 3' X 3.125" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 108 SHOTS. CORRELATE W/ MARKER JT AT 5,914'. PUMP DOWN TO 14,537' CCL. PERF STAGE #1 AT 14,344' - 14,519' O/A PERFS. POH LOGGING TO 5,700'. PUMPED 450 BBLS. HELD SAFETY MEETING WITH NIGHT SHIFT PERSONNEL																									
18:30	21:00	2.50	P	STG01	35	STIM	FRAC STAGE #1. SICP 2,132 PSI. PUMP 25 BBLS 15% HCL; 15# LG PAD; 145,620 LBS 100 MESH, 5 - 2.5 PPA, IN 15# LG; 173,820 LBS 40/70, .75 - 3.25 PPA, IN 10# LG; FLUSH W/ LG. ISIP 2,710. FG .887 ATP 6,147. ATR 75.8.x MTP 7,262 PSI. MTR 83.4. TOTAL PUMPED 5576. RCW 3423 BBLS. STANDBY FOR SIM-OPS "FH"																									
21:00	00:00	3.00	P	STG02	21	PERF	WIREFRAME STAGE #2 RU WL ON WELL. TEST WLPCE TO 7000 PSI. RIH W/ 5-1/2" SUPERIOR CFP W/ 6 - 1.5' X 3.125" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 54 SHOTS. CORRELATE W/ MARKER JT AT 5,914'. PUMP DOWN & SET PLUG @ 14,322', PU & PERF STAGE #2 AT 14,101' - 14,298' O/A PERFS. POH, ALL SHOTS FIRED. PUMPED 542 BBLS. STANDBY FOR SIM-OPS "FH"																									
00:00	01:45	1.75	P	STG02	35	STIM	FRAC STAGE #2. SICP 2131 PSI. PUMP 25 BBLS 15% HCL; 15# LG PAD; 146,880 LBS 100 MESH, 5 - 2.5 PPA, IN 15# LG; 174,040 LBS 40/70, .75 - 3.25 PPA, IN 10# LG; FLUSH W/ LG. ISIP 2818. FG .899 ATP 5724. ATR 78.1.x MTP 6302 PSI. MTR 82.3. TOTAL PUMPED 5539. RCW 1739 BBLS. STANDBY FOR SIM-OPS "FH"																									
01:45	04:00	2.25	P	STG03	73	WOOWO	STANDBY FOR SIM-OPS "FH"																									
04:00	05:45	1.75	P	STG03	21	PERF	WIREFRAME STAGE #3 RU WL ON WELL. TEST WLPCE TO 7000 PSI. RIH W/ 5-1/2" SUPERIOR CFP W/ 6 - 1.5' X 3.125" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 54 SHOTS. CORRELATE W/ MARKER JT AT 5,914'. PUMP DOWN & SET PLUG @ 14,075', PU & PERF STAGE #3 AT 13,854' - 14,051' O/A PERFS. POH, ALL SHOTS FIRED. PUMPED 419 BBLS. STANDBY FOR SIM-OPS "FH"																									
05:45	06:00	0.25	P	STG03	28	SFTYMTG	HELD SAFETY MEETING WITH DAY SHIFT PERSONNEL																									
Daily Operations Comments: NO ACCIDENTS, NO INJURIES, NO LOST TIME.																																
DAILY COSTS			FLUIDS			COMPLETION STRING DETAILS																										
Code	Description	Cost	Fluids Co:			Down Hole Tool Co:																										
111	LOCATION PREPARATION	530	Fluids Eng:			Tool Sup:																										
123	CAMP AND CATERING	1,450	Pit Temp:			Qty	Description																									
			Density:			ID	OD																									
132	DISPOSAL - CUTTINGS, FLUIDS	1,500	Brine Type:			Top Set																										
134	FRAC TANK RENTAL	25	Gel Type:																													
134	FRAC TANK RENTAL	195	Viscosity:																													
134	FRAC TANK RENTAL	45	Nitrogen:																													
154	WELL CONTROL RENTALS	900	NTU:																													
154	WELL CONTROL RENTALS	1,850																														
154	WELL CONTROL RENTALS	5,500																														
154	WELL CONTROL RENTALS	900																														
154	WELL CONTROL RENTALS	1,750																														
154	WELL CONTROL RENTALS	4,800																														
155	OFFICE, SEWAGE AND MISC RENTALS	1,586																														
155	OFFICE, SEWAGE AND MISC RENTALS	600																														
155	OFFICE, SEWAGE AND MISC RENTALS	130																														
155	OFFICE, SEWAGE AND MISC RENTALS	1,068																														
155	OFFICE, SEWAGE AND MISC RENTALS	390																														
155	OFFICE, SEWAGE AND MISC RENTALS	2,875																														
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PERFORATIONS																																
Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments																									

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Event: COMPLETION LAND Safety Meeting Topic:		Rig: Rig Phone: RKB (Sea Level) (ft): 2,677.51 2,648.0 POB: 50 Manhours: 428.00		<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></td> <td>160515/51348</td> <td></td> <td></td> </tr> <tr> <td>Day Cost(\$):</td> <td>0</td> <td>167,675</td> <td>0</td> <td>167,675</td> </tr> <tr> <td>Cum Cost(\$)</td> <td>0</td> <td>420,048</td> <td>0</td> <td>420,048</td> </tr> <tr> <td>AFE(\$):</td> <td>1,828,950</td> <td>3,955,500</td> <td>330,000</td> <td>6,114,450</td> </tr> </tbody> </table>			Drig	Comp	FAC	Total	AFE #:		160515/51348			Day Cost(\$):	0	167,675	0	167,675	Cum Cost(\$)	0	420,048	0	420,048	AFE(\$):	1,828,950	3,955,500	330,000	6,114,450
	Drig	Comp	FAC	Total																										
AFE #:		160515/51348																												
Day Cost(\$):	0	167,675	0	167,675																										
Cum Cost(\$)	0	420,048	0	420,048																										
AFE(\$):	1,828,950	3,955,500	330,000	6,114,450																										
Location: Lat: 31° 1' 17.92892 N Long: 101° 10' 9.59800 W																														
Current Activity: OPERATIONS SUSPENDED. WAITING ON SAND 24 Hr Summary: FRAC STAGES 3-4 & WL STAGES 4-5. 24 Hr Forecast: FURTHER OPERATIONS PENDING SAND AVAILABILITY.																														
OPERATION DETAILS																														
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION																							
06:00	08:15	2.25	P	STG03	35	STIM	FRAC STAGE #3. SICP 2109 PSI. PUMP 25 BBLS 7.5% HCL; 15# LG PAD; 46000 LBS 100 MESH, .5 - 2.5 PPA, IN 15# LG; 173,560 LBS 40/70, .75 - 3.25 PPA, IN 10# LG; FLUSH W/ LG. ISIP 2776. FG .892 ATP 5441. ATR 79.x MTP 6147 PSI. MTR 81.5. TOTAL PUMPED 5818. RCW 1719 BBLS. STANDBY FOR SIM-OPS "FH".																							
08:15	12:15	4.00	P	STG04	21	PERF	WIRELINE STAGE #4 RU WL ON WELL. TEST WLPCE TO 7000 PSI. RIH W/ 5-1/2" SUPERIOR CFP W/ 6 - 1.5' X 3.125" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 54 SHOTS. CORRELATE W/ MARKER JT AT 5,914'. PUMP DOWN & SET PLUG @ 13,828', PU & PERF STAGE #4 AT 13,610.8' - 13,804.3' O/A PERFS. POH, ALL SHOTS FIRED, PUMPED 419 BBLS. STANDBY FOR SIM-OPS "FH".																							
12:15	14:00	1.75	P	STG04	35	STIM	FRAC STAGE #4. SICP 2148 PSI. PUMP 25 BBLS 7.5% HCL; 15# LG PAD; 46,120 LBS 100 MESH, .5 - 2.5 PPA, IN 15# LG; 174,100 LBS 40/70, .75 - 3.25 PPA, IN 10# LG; FLUSH W/ LG. ISIP 2790. FG .878 ATP 5365. ATR 78.2 x MTP 6573 PSI. MTR 80.8. TOTAL PUMPED 58185625. RCW 1540 BBLS. STANDBY FOR SIM-OPS "FH".																							
14:00	16:40	2.67	P	STG05	21	PERF	WIRELINE STAGE #5 RU WL ON WELL. TEST WLPCE TO 7000 PSI. RIH W/ 5-1/2" SUPERIOR CFP W/ 6 - 1.5' X 3.125" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 54 SHOTS. CORRELATE W/ MARKER JT AT 5,914'. PUMP DOWN & SET PLUG @ 13,581', PU & PERF STAGE #5 AT 13,359.8' - 13,557.3' O/A PERFS. POH, ALL SHOTS FIRED. PUMPED 409 BBLS. STANDBY FOR SIM-OPS "FH".																							
16:40	17:45	1.08	P	WHDTR	09	EQR	GREASING WELL HEAD AND ZIPPER MANIFOLD.																							
17:45	18:00	0.25	P	STG05	28	SFTYMTG	HELD SAFETY MEETING WITH NIGHT CREW PERSONNEL.																							
18:00	06:00	12.00	N	STG05	42	WOEP	WAITING ON SAND. SHUT DOWN OPERATIONS TILL FURTHER NOTICE.																							
Daily Operations Comments: NO ACCIDENTS, NO INJURIES, NO LOST TIME.																														
DAILY COSTS			FLUIDS			COMPLETION STRING DETAILS																								
Code	Description	Cost				Down Hole Tool Co:																								
111	LOCATION PREPARATION	530	Fluids Co:			Qty	Description	Tool Sup:																						
123	CAMP AND CATERING	1,450	Fluids Eng:					ID																						
			Pit Temp:					OD																						
			Density:					Top Set																						
			Brine Type:																											
132	DISPOSAL - CUTTINGS, FLUIDS	1,500																												
134	FRAC TANK RENTAL	195																												
134	FRAC TANK RENTAL	25																												
134	FRAC TANK RENTAL	45																												
154	WELL CONTROL RENTALS	5,500																												
154	WELL CONTROL RENTALS	175																												
154	WELL CONTROL RENTALS	1,850																												
154	WELL CONTROL RENTALS	500																												
154	WELL CONTROL RENTALS	1,480																												
154	WELL CONTROL RENTALS	900																												
154	WELL CONTROL RENTALS	3,075																												
155	OFFICE, SEWAGE AND MISC RENTALS	600																												
155	OFFICE, SEWAGE AND MISC RENTALS	288																												
155	OFFICE, SEWAGE AND MISC RENTALS	390																												
155	OFFICE, SEWAGE AND MISC RENTALS	720																												
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155	OFFICE, SEWAGE AND MISC RENTALS	1,068																												
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Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments																							

 Daily Operations Report Onshore		Well Name/Wellbore No.: UNIVERSITY EAST 4109EH/OH Country: USA State: TEXAS Field: WOLFCAMP EAST Supervisors: G. ALLGOOD/ R. GAUTHIER / J. AGUILAR/ R. O. Engineer/Manager: ELLIS, PRESTON / LLOYD BARRY		Report Number: 006 Report Date: 06/30/2014 Spud Date: 05/02/2014 Release Date: DOE: 23 DOL: 6 AFE Days: 10.00 Last BOP T.: CSG Test: Safety & Environmental Incident: No																										
Event: COMPLETION LAND Safety Meeting Topic:		Rig: Rig Phone: RKB (Sea Level) (ft): 2,677.51 2,648.0 POB: 26 Manhours: 80.00		<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></td> <td>160515/51348</td> <td></td> <td></td> </tr> <tr> <td>Day Cost(\$):</td> <td>0</td> <td>16,144</td> <td>0</td> <td>16,144</td> </tr> <tr> <td>Cum Cost(\$)</td> <td>0</td> <td>436,191</td> <td>0</td> <td>436,191</td> </tr> <tr> <td>AFE(\$):</td> <td>1,828,950</td> <td>3,955,500</td> <td>330,000</td> <td>6,114,450</td> </tr> </tbody> </table>			Drig	Comp	FAC	Total	AFE #:		160515/51348			Day Cost(\$):	0	16,144	0	16,144	Cum Cost(\$)	0	436,191	0	436,191	AFE(\$):	1,828,950	3,955,500	330,000	6,114,450
	Drig	Comp	FAC	Total																										
AFE #:		160515/51348																												
Day Cost(\$):	0	16,144	0	16,144																										
Cum Cost(\$)	0	436,191	0	436,191																										
AFE(\$):	1,828,950	3,955,500	330,000	6,114,450																										
Location: Lat: 31° 1' 17.92892 N Long: 101° 10' 9.59800 W		Current Activity: HSM. WAIT ON PROPPANT. 24 Hr Summary: WAITING ON SAND DELIVERY. 24 Hr Forecast: WAIT ON SAND. OERATIONS DEPENDANT UPON SAND AVAILABILITY.																												
OPERATION DETAILS																														
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION																							
06:00	05:30	23.50	N	STG05	42	WOEP	WAITING ON PROPPANT.																							
05:30	06:00	0.50	P	STG05	28	SFTYMTG	HSM W/ DAY SHIFT PERSONNEL.																							
Daily Operations Comments: NO ACCIDENTS, NO INJURIES, NO LOST TIME.																														
DAILY COSTS			FLUIDS			COMPLETION STRING DETAILS																								
Code	Description	Cost	Fluids Co: Fluids Eng: Pit Temp: Density: Brine Type: Gel Type: Viscosity: Nitrogen: NTU:			Down Hole Tool Co:																								
111	LOCATION PREPARATION	530				Qty Description ID OD Top Set																								
134	FRAC TANK RENTAL	25	FLOWBACK Gas Rate: Choke Size: Avg. Tbg. Press: Avg. Csg. Press: Fluid Rate (Water): Fluid Rate (Oil): Tot. Load Recovered:																											
134	FRAC TANK RENTAL	45																												
134	FRAC TANK RENTAL	195																												
154	WELL CONTROL RENTALS	900																												
154	WELL CONTROL RENTALS	175																												
154	WELL CONTROL RENTALS	2,500	CASING Size(in) MD(ft)/TVD(ft) LOT(ppg) 14.000 69.00 / 69.00 9.625 1,008.00 / 1,008.00																											
154	WELL CONTROL RENTALS	3,075																												
154	WELL CONTROL RENTALS	1,480																												
155	OFFICE, SEWAGE AND MISC RENTALS	600																												
155	OFFICE, SEWAGE AND MISC RENTALS	390																												
155	OFFICE, SEWAGE AND MISC RENTALS	288																												
155	OFFICE, SEWAGE AND MISC RENTALS	130																												
157	SAFETY/MEDICAL	1,000																												
157	SAFETY/MEDICAL	225																												
PERFORATIONS																														
Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments																							

 Daily Operations Report Onshore		Well Name/Wellbore No.: UNIVERSITY EAST 4109EH/OH Country: USA State: TEXAS Field: WOLFCAMP EAST Supervisors: G. ALLGOOD/ R. GAUTHIER / J. AGUILAR/ R. O. Engineer/Manager: ELLIS, PRESTON / LLOYD BARRY		Report Number: 007 Report Date: 07/01/2014 Spud Date: 05/02/2014 Release Date: DOE: 24 DOL: 7 AFE Days: 10.00 Last BOP T.: Safety & Environmental Incident: No																										
Event: COMPLETION LAND Safety Meeting Topic:		Rig: Rig Phone: RKB (Sea Level) (ft): 2,677.51 2,648.0 POB: 26 Manhours: 80.00		<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></td> <td>160515/51348</td> <td></td> <td></td> </tr> <tr> <td>Day Cost(\$):</td> <td>0</td> <td>95,374</td> <td>0</td> <td>95,374</td> </tr> <tr> <td>Cum Cost(\$)</td> <td>0</td> <td>540,156</td> <td>0</td> <td>540,156</td> </tr> <tr> <td>AFE(\$):</td> <td>1,828,950</td> <td>3,955,500</td> <td>330,000</td> <td>6,114,450</td> </tr> </tbody> </table>			Drig	Comp	FAC	Total	AFE #:		160515/51348			Day Cost(\$):	0	95,374	0	95,374	Cum Cost(\$)	0	540,156	0	540,156	AFE(\$):	1,828,950	3,955,500	330,000	6,114,450
	Drig	Comp	FAC	Total																										
AFE #:		160515/51348																												
Day Cost(\$):	0	95,374	0	95,374																										
Cum Cost(\$)	0	540,156	0	540,156																										
AFE(\$):	1,828,950	3,955,500	330,000	6,114,450																										
Location: Lat: 31° 1' 17.92892 N Long: 101° 10' 9.59800 W		Current Activity: SHUT DOWN, WAITING ON PROPPANT. 24 Hr Summary: FRAC STAGE 5 & WL STAGE 6. 24 Hr Forecast: WILL FRAC STAGES 6-9																												
OPERATION DETAILS																														
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION																							
06:00	12:30	6.50	N	STG05	42	WOEP	WAIT ON PROPPANT TO BE DELIVERED.																							
12:30	14:15	1.75	P	STG05	35	STIM	FRAC STAGE #5. SICP 1637 PSI. PUMP 25 BBLS 7.5% HCL; 15# LG PAD; 145,740 LBS 100 MESH, 5 - 2.5 PPA, IN 15# LG; 173,940 LBS 40/70, .75 - 3.25 PPA, IN 10# LG; FLUSH W/ LG. ISIP 2,729. FG.868 ATP 5744. ATR 78.5.x MTP 6772 PSI. MTR 81. TOTAL PUMPED 5638. RCW 1756 BBLS.																							
14:15	16:30	2.25	P	STG06	21	PERF	WIRELINE STAGE #6 RU WL ON WELL. TEST WLPCE TO 7000 PSI. RIH W/ 5-1/2" SUPERIOR CFP W/ 6 - 1.5' X 3.125" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 54 SHOTS. CORRELATE W/ MARKER JT AT 5,914'. PUMP DOWN & SET PLUG @ 13,334'; PU & PERF STAGE #6 AT 13,112.8' - 13,312.3' O/A PERFS. POH, ALL SHOTS FIRED. PUMPED 395 BBLS. STANDBY FOR SIM-OPS.																							
16:30	05:30	13.00	N	STG06	42	WOEP	WAITING ON SAND. SHUT DOWN OPERATIONS TILL FURTHER NOTICE.																							
05:30	06:00	0.50	P	STG06	28	SFTYMTG	SAFETY MEETING																							
Daily Operations Comments: NO ACCIDENTS, NO INJURIES, NO LOST TIME.																														
DAILY COSTS			FLUIDS		COMPLETION STRING DETAILS																									
Code	Description	Cost	Fluids Co:		Down Hole Tool Co:																									
111	LOCATION PREPARATION	530	Fluids Eng:		Qty	Description	Tool Sup:																							
131	FUEL	9,064	Pit Temp:				ID																							
			Density:				OD																							
			Brine Type:				Top Set																							
134	FRAC TANK RENTAL	195	Gel Type:																											
134	FRAC TANK RENTAL	45	Viscosity:																											
134	FRAC TANK RENTAL	25	Nitrogen:																											
154	WELL CONTROL RENTALS	3,075	NTU:																											
154	WELL CONTROL RENTALS	1,480																												
154	WELL CONTROL RENTALS	175	FLOWBACK																											
154	WELL CONTROL RENTALS	900	Gas Rate:																											
154	WELL CONTROL RENTALS	3,050	Choke Size:																											
			Avg. Tbg. Press:																											
			Avg. Csg. Press:																											
			Fluid Rate (Water):																											
			Fluid Rate (Oil):																											
			Tot. Load Recovered:																											
155	OFFICE, SEWAGE AND MISC RENTALS	130	CASING																											
155	OFFICE, SEWAGE AND MISC RENTALS	600	Size(in)	MD(ft)/TVD(ft)	LOT(ppg)																									
155	OFFICE, SEWAGE AND MISC RENTALS	390		/																										
155	OFFICE, SEWAGE AND MISC RENTALS	288	14.000	69.00 / 69.00																										
			9.625	1,008.00 / 1,008.00																										
157	SAFETY/MEDICAL	225																												
157	SAFETY/MEDICAL	1,000																												
PERFORATIONS																														
Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments																							

Daily Operations

Report Onshore

Well Name/Wellbore No.: UNIVERSITY EAST 4109EH/OH

Country: USA
State: TEXAS
Field: WOLFCAMP EAST
Supervisors: G. ALLGOOD/ R. GAUTHIER / J. AGUILAR/ R. O.
Engineer/Manager: ELLIS, PRESTON / LLOYD BARRY

Report Number: 008

Report Date: 07/02/2014

Spud Date: 05/02/2014

Release Date: DOE: 25 DOL: 8

Last BOP T.: AFE Days: 10.00

Safety & Environmental Incident: No

CSG Test:

Event: COMPLETION LAND

Safety Meeting Topic:

Location: Lat: 31° 1' 17.92892 N

Long: 101° 10' 9.59800 W

Rig:

Rig Phone:

RKB (Sea Level) (ft): 2,677.51

2,648.0

POB: 137

Manhours: 672.00

AFE #:

Day Cost(\$): 0

Cum Cost(\$): 0

AFE(\$): 1,828,950

Comp: 160515/51348

381,309

921,465

3,955,500

FAC: 330,000

Total: 6,114,450

Current Activity: FRAC STAGE #11

24 Hr Summary: FRAC STAGES 6-10 & WL STAGES 7-11

24 Hr Forecast: FRAC STAGES 11-16 & WL STAGES 12-17

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	07:00	1.00	P	STG06	35	STIM	STARTING EQUIPMENT, PRIMING EQUIPMENT, AND PRESSURE TESTING
07:00	08:30	1.50	P	STG06	35	STIM	FRAC STAGE #6. SICP 1941 PSI. PUMP 25 BBLs 7.5% HCL; 15# LG PAD; 145,600 LBS 100 MESH, 5 - 2.5 PPA, IN 15# LG; 173,940 LBS 40/70, .75 - 3.25 PPA, IN 10# LG; FLUSH W/ LG. ISIP 2777. FG .876 ATP 5686. ATR 80.x MTP 7001 PSI. MTR 83.9. TOTAL PUMPED 5728. RCW 2453 BBLs.
08:30	10:00	1.50	P	STG07	21	PERF	WIRELINE STAGE #7 RU WL ON WELL. TEST WLPCE TO 7000 PSI. RIH W/ 5-1/2" SUPERIOR CFP W/ 6 - 1.5' X 3.125" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 54 SHOTS. CORRELATE W/ MARKER JT AT 5,914'. PUMP DOWN & SET PLUG @ 13,079', PU & PERF STAGE #7 AT 12,868.8' - 13,063.3' O/A PERFS. POH, ALL SHOTS FIRED. PUMPED 401 BBLs. STANDBY FOR SIM-OPS.
10:00	13:30	3.50	P	STG07	35	STIM	FRAC STAGE #7. SICP 2220 PSI. PUMP 25 BBLs 7.5% HCL; 15# LG PAD; 145,660 LBS 100 MESH, 5 - 2.5 PPA, IN 15# LG; 174,160 LBS 40/70, .75 - 3.25 PPA, IN 10# LG; FLUSH W/ LG. ISIP 2729. FG .868 ATP 5,368. ATR 80. MTP 7,003 PSI. MTR 83.4. TOTAL PUMPED 5579. RCW 2387 BBLs.
13:30	14:00	0.50	P	WLWORK	09	EQRP	REHEADED WL
14:00	16:00	2.00	P	STG08	21	PERF	WIRELINE STAGE #8 RU WL ON WELL. TEST WLPCE TO 7000 PSI. RIH W/ 5-1/2" SUPERIOR CFP W/ 6 - 1.5' X 3.125" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 54 SHOTS. CORRELATE W/ MARKER JT AT 5,914'. PUMP DOWN & SET PLUG @ 12,840', PU & PERF STAGE #8 AT 12,618.8' - 12,816.3' O/A PERFS. POH, ALL SHOTS FIRED. PUMPED 389 BBLs. STANDBY FOR SIM-OPS.
16:00	18:15	2.25	P	STG08	35	STIM	FRAC STAGE #8. SICP 2180 PSI. PUMP 25 BBLs 7.5% HCL; 15# LG PAD; 145,900 LBS 100 MESH, 5 - 2.5 PPA, IN 15# LG; 174,100 LBS 40/70, .75 - 3.25 PPA, IN 10# LG; FLUSH W/ LG. ISIP 2665. FG .858 ATP 5,294. ATR 80.1. MTP 6,815 PSI. MTR 82.7. TOTAL PUMPED 5588. RCW 1,967 BBLs.
18:15	20:30	2.25	P	STG09	21	PERF	WIRELINE STAGE #9 RU WL ON WELL. TEST WLPCE TO 7000 PSI. RIH W/ 5-1/2" SUPERIOR CFP W/ 6 - 1.5' X 3.125" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 54 SHOTS. CORRELATE W/ MARKER JT AT 5,914'. PUMP DOWN & SET PLUG @ 12,588', PU & PERF STAGE #9 AT 12,371' - 12,569' O/A PERFS. POH, ALL SHOTS FIRED. PUMPED 423 BBLs. STANDBY FOR SIM-OPS.
20:30	22:30	2.00	P	STG09	35	STIM	FRAC STAGE #9. SICP 2280 PSI. PUMP 25 BBLs 7.5% HCL; 15# LG PAD; 146,720 LBS 100 MESH, 5 - 2.5 PPA, IN 15# LG; 175,120 LBS 40/70, .75 - 3.25 PPA, IN 10# LG; FLUSH W/ LG. ISIP 2796. FG .895 ATP 5,026. ATR 79.7. MTP 6,080 PSI. MTR 83.2. TOTAL PUMPED 5477. RCW 2,306 BBLs.
22:30	23:00	0.50	P	STG10	18	OTHR	REHEAD WL
23:00	00:45	1.75	P	STG10	21	PERF	WIRELINE STAGE #10 RU WL ON WELL. TEST WLPCE TO 7000 PSI. RIH W/ 5-1/2" SUPERIOR CFP W/ 6 - 1.5' X 3.125" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 54 SHOTS. CORRELATE W/ MARKER JT AT 5,914'. PUMP DOWN & SET PLUG @ 12,346', PU & PERF STAGE #10 AT 12,125' - 12,320' O/A PERFS. POH, ALL SHOTS FIRED. PUMPED 299 BBLs. STANDBY FOR SIM-OPS.
00:45	02:30	1.75	P	STG10	35	STIM	FRAC STAGE #10. SICP 2193 PSI. PUMP 25 BBLs 7.5% HCL; 15# LG PAD; 146,300 LBS 100 MESH, 5 - 2.5 PPA, IN 15# LG; 174,940 LBS 40/70, .75 - 3.25 PPA, IN 10# LG; FLUSH W/ LG. ISIP 2805. FG .896 ATP 5,427. ATR 79.6. MTP 6,285 PSI. MTR 82. TOTAL PUMPED 5502. RCW 2,542 BBLs.
02:30	04:30	2.00	P	STG11	21	PERF	WIRELINE STAGE #11 RU WL ON WELL. TEST WLPCE TO 7000 PSI. RIH W/ 5-1/2" SUPERIOR CFP W/ 6 - 1.5' X 3.125" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 54 SHOTS. CORRELATE W/ MARKER JT AT 5,914'. PUMP DOWN & SET PLUG @ 12,094', PU & PERF STAGE #11 AT 11,882' - 12,075' O/A PERFS. POH, ALL SHOTS FIRED. PUMPED 266 BBLs. STANDBY FOR SIM-OPS.
04:30	06:00	1.50	P	STG11	35	STIM	FRAC STAGE #11 AT REPORT TIME. HELD SAFETY MEETING WITH DAYSHIFT PERSONNEL

Daily Operations Comments:

NO ACCIDENTS, NO INJURIES, NO LOST TIME.

DAILY COSTS

Code	Description	Cost
111	LOCATION PREPARATION	530
123	CAMP AND CATERING	1,450
131	FUEL	19,138
134	FRAC TANK RENTAL	25
134	FRAC TANK RENTAL	45
134	FRAC TANK RENTAL	195
154	WELL CONTROL RENTALS	3,075
154	WELL CONTROL RENTALS	3,050
154	WELL CONTROL RENTALS	900
154	WELL CONTROL RENTALS	175
154	WELL CONTROL RENTALS	1,480
155	OFFICE, SEWAGE AND MISC RENTALS	600
155	OFFICE, SEWAGE AND MISC RENTALS	288
155	OFFICE, SEWAGE AND MISC RENTALS	390
155	OFFICE, SEWAGE AND MISC RENTALS	130
157	SAFETY/MEDICAL	225
157	SAFETY/MEDICAL	1,000

FLUIDS

Fluids Co:

Fluids Eng:

Pit Temp:

Density:

Brine Type:

Gel Type:

Viscosity:

Nitrogen:

NTU:

FLOWBACK

Gas Rate:

Choke Size:

Avg. Tbg. Press:

Avg. Csg. Press:

Fluid Rate (Water):

Fluid Rate (Oil):

Tot. Load Recovered:

CASING


Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
14.000	69.00 / 69.00	
9.625	1,008.00 / 1,008.00	

COMPLETION STRING DETAILS

Down Hole Tool Co:	Tool Sup:			
Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

 Daily Operations Report Onshore		Well Name/Wellbore No.: UNIVERSITY EAST 4109EH/OH Country: USA State: TEXAS Field: WOLFCAMP EAST Supervisors: G. ALLGOOD/ R. GAUTHIER / J. AGUILAR/ R. O Engineer/Manager: ELLIS, PRESTON / LLOYD BARRY		Report Number: 009 Report Date: 07/03/2014 Spud Date: 05/02/2014 Release Date: DOE: 26 DOL: 9 Last BOP T.: Safety & Environmental Incident: No																										
Event: COMPLETION LAND Safety Meeting Topic:		Rig: Rig Phone: RKB (Sea Level) (ft): 2,677.51 2,648.0 POB: 137 Manhours: 707.00		<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></td> <td>160515/51348</td> <td></td> <td></td> </tr> <tr> <td>Day Cost(\$):</td> <td>0</td> <td>436,092</td> <td>0</td> <td>436,092</td> </tr> <tr> <td>Cum Cost(\$)</td> <td>0</td> <td>1,357,557</td> <td>0</td> <td>1,357,557</td> </tr> <tr> <td>AFE(\$):</td> <td>1,828,950</td> <td>3,955,500</td> <td>330,000</td> <td>6,114,450</td> </tr> </tbody> </table>			Drig	Comp	FAC	Total	AFE #:		160515/51348			Day Cost(\$):	0	436,092	0	436,092	Cum Cost(\$)	0	1,357,557	0	1,357,557	AFE(\$):	1,828,950	3,955,500	330,000	6,114,450
	Drig	Comp	FAC	Total																										
AFE #:		160515/51348																												
Day Cost(\$):	0	436,092	0	436,092																										
Cum Cost(\$)	0	1,357,557	0	1,357,557																										
AFE(\$):	1,828,950	3,955,500	330,000	6,114,450																										
Location: Lat: 31° 1' 17.92892 N Long: 101° 10' 9.59800 W		Current Activity: WAITING TO FRAC STAGE #17 24 Hr Summary: FRAC STAGES 11- 16 & WL STAGES 12- 17 24 Hr Forecast: FRAC STAGES 17-21 & WL STAGES 18-21																												
OPERATION DETAILS																														
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION																							
06:00	06:30	0.50	P	STG11	35	STIM	FRAC STAGE #11. SICP 2193 PSI. PUMP 25 BBLS 7.5% HCL; 15# LG PAD; 146,680 LBS 100 MESH, 5 - 2.5 PPA, IN 15# LG; 174,240 LBS 40/70, .75 - 3.25 PPA, IN 10# LG; FLUSH W/ LG. ISIP 2756. FG .889 ATP 5,285. ATR 79.7. MTP 6,349 PSI. MTR 82. TOTAL PUMPED 5561. RCW 2,436 BBLS.																							
06:30	07:30	1.00	P	STG12	73	WOOVO	REHEAD WL, GREASE STACK AND ZIPPER MANIFOLD.																							
07:30	08:00	0.50	N	STG12	52	FISH	FISHING LINE OUT OF LUBRICATOR TO REHEAD (LINE WAS CUT TO REHEAD, GOT DRAWN INTO THE LUBRICATOR ,HAD TO LAY LUBRICATOR DOWN AND BREAK JOINT LOOSE TO OBTAIN LINE AND PULL TO THE END OF LUBRICATOR).																							
08:00	10:00	2.00	P	STG12	21	PERF	WIRELINE STAGE #12 RU WL ON WELL. TEST WLPCE TO 7000 PSI. RIH W/ 5-1/2" SUPERIOR CFP W/ 6 - 1.5' X 3.125" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 54 SHOTS. CORRELATE W/ MARKER JT AT 5,914'. PUMP DOWN & SET PLUG @ 11,852', PU & PERF STAGE #12 AT 11,630' - 11,828.3' O/A PERFS. POH, ALL SHOTS FIRED. PUMPED 235 BBLS. STANDBY FOR SIM-OPS.																							
10:00	12:45	2.75	P	STG12	35	STIM	FRAC STAGE #12. SICP 2210 PSI. PUMP 25 BBLS 7.5% HCL; 15# LG PAD; 146,580 LBS 100 MESH, 5 - 2.5 PPA, IN 15# LG; 174,020 LBS 40/70, .75 - 3.25 PPA, IN 10# LG; FLUSH W/ LG. ISIP 2736. FG .869 ATP 5,566. ATR 80.0. MTP 6,927 PSI. MTR 83.6. TOTAL PUMPED 5,413. RCW 2,710 BBLS.																							
12:45	14:30	1.75	P	STG13	21	PERF	WIRELINE STAGE #13 RU WL ON WELL. TEST WLPCE TO 7000 PSI. RIH W/ 5-1/2" SUPERIOR CFP W/ 6 - 1.5' X 3.125" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 54 SHOTS. CORRELATE W/ MARKER JT AT 5,914'. PUMP DOWN & SET PLUG @ 11,598', PU & PERF STAGE #13 AT 11,383.8' - 11,581.3' O/A PERFS. POH, ALL SHOTS FIRED. PUMPED 274 BBLS. STANDBY FOR SIM-OPS.																							
14:30	17:00	2.50	P	STG13	35	STIM	FRAC STAGE #13. SICP 2210 PSI. PUMP 25 BBLS 7.5% HCL; 15# LG PAD; 146,740 LBS 100 MESH, 5 - 2.5 PPA, IN 15# LG; 174,020 LBS 40/70, .75 - 3.25 PPA, IN 10# LG; FLUSH W/ LG. ISIP 2812. FG .88 ATP 5,512. ATR 80.0. MTP 6,259 PSI. MTR 84.1. TOTAL PUMPED 5,540. RCW 2,728 BBLS.																							
17:00	20:00	3.00	P	STG14	21	PERF	WIRELINE STAGE #14 RU WL ON WELL. TEST WLPCE TO 7000 PSI. RIH W/ 5-1/2" SUPERIOR CFP W/ 6 - 1.5' X 3.125" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 54 SHOTS. CORRELATE W/ MARKER JT AT 5,914'. PUMP DOWN & SET PLUG @ 11,358', PU & PERF STAGE #14 AT 11,136.7' - 11,332.3' O/A PERFS. POH, ALL SHOTS FIRED. PUMPED 291 BBLS. STANDBY FOR SIM-OPS.																							
20:00	21:30	1.50	P	STG14	35	STIM	FRAC STAGE #14. SICP 2228 PSI. PUMP 25 BBLS 7.5% HCL; 15# LG PAD; 146,000 LBS 100 MESH, 5 - 2.5 PPA, IN 15# LG; 174,200 LBS 40/70, .75 - 3.25 PPA, IN 10# LG; FLUSH W/ LG. ISIP 2836. FG .901 ATP 5,606. ATR 79.7. MTP 6,072 PSI. MTR 81.1. TOTAL PUMPED 5,329. RCW 3,006 BBLS.																							
21:30	23:30	2.00	P	STG15	21	PERF	WIRELINE STAGE #15 RU WL ON WELL. TEST WLPCE TO 7000 PSI. RIH W/ 5-1/2" SUPERIOR CFP W/ 6 - 1.5' X 3.125" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 54 SHOTS. CORRELATE W/ MARKER JT AT 5,914'. PUMP DOWN & SET PLUG @ 11,105', PU & PERF STAGE #15 AT 10,894' - 11,087' O/A PERFS. POH, ALL SHOTS FIRED. PUMPED 238 BBLS. STANDBY FOR SIM-OPS.																							
23:30	01:15	1.75	P	STG15	35	STIM	FRAC STAGE #15. SICP 2263 PSI. PUMP 25 BBLS 7.5% HCL; 15# LG PAD; 146,820 LBS 100 MESH, 5 - 2.5 PPA, IN 15# LG; 174,540 LBS 40/70, .75 - 3.25 PPA, IN 10# LG; FLUSH W/ LG. ISIP 2820. FG .899 ATP 5,303. ATR 79.4. MTP 5,692 PSI. MTR 81.4. TOTAL PUMPED 5,340. RCW 3,215 BBLS																							
01:15	03:00	1.75	P	STG16	21	PERF	WIRELINE STAGE #16 RU WL ON WELL. TEST WLPCE TO 7000 PSI. RIH W/ 5-1/2" SUPERIOR CFP W/ 6 - 1.5' X 3.125" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 54 SHOTS. CORRELATE W/ MARKER JT AT 5,914'. PUMP DOWN & SET PLUG @ 10,863', PU & PERF STAGE #16 AT 10,643' - 10,838' O/A PERFS. POH, ALL SHOTS FIRED. PUMPED 211 BBLS. STANDBY FOR SIM-OPS																							
03:00	04:45	1.75	P	STG16	35	STIM	FRAC STAGE #16. SICP 2247 PSI. PUMP 25 BBLS 7.5% HCL; 15# LG PAD; 146,800 LBS 100 MESH, 5 - 2.5 PPA, IN 15# LG; 173,420LBS 40/70, .75 - 3.25 PPA, IN 10# LG; FLUSH W/ LG. ISIP 2761. FG .889 ATP 5,194. ATR 79.6. MTP 5,839 PSI. MTR 82.2. TOTAL PUMPED 5,406. RCW 2,642 BBLS																							
04:45	06:00	1.25	P	STG17	21	PERF	WIRELINE STAGE #17 RU WL ON WELL. TEST WLPCE TO 7000 PSI. RIH W/ 5-1/2" SUPERIOR CFP W/ 6 - 1.5' X 3.125" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 54 SHOTS. CORRELATE W/ MARKER JT AT 5,914'. PUMP DOWN & SET PLUG @ 10,621', PU & PERF STAGE #17 AT 10,396' - 10,593' O/A PERFS. POH, ALL SHOTS FIRED. PUMPED 202 BBLS. STANDBY FOR SIM-OPS. HELD SAFETY MEETING WITH DAY SHIFT PERSONNEL																							
Daily Operations Comments: NO ACCIDENTS, NO INJURIES, NO LOST TIME.																														
DAILY COSTS			FLUIDS			COMPLETION STRING DETAILS																								
Code	Description	Cost	Fluids Co: Fluids Eng: Pit Temp: Density: Brine Type: Gel Type: Viscosity: Nitrogen: NTU:			Down Hole Tool Co: Tool Sup:																								
111	LOCATION PREPARATION	530				Qty	Description	ID	OD	Top Set																				
123	CAMP AND CATERING	1,450																												
131	FUEL	12,351																												
134	FRAC TANK RENTAL	195																												
134	FRAC TANK RENTAL	45																												
134	FRAC TANK RENTAL	25																												
154	WELL CONTROL RENTALS	1,480																												
154	WELL CONTROL RENTALS	175																												
154	WELL CONTROL RENTALS	3,075																												
154	WELL CONTROL RENTALS	3,050																												
154	WELL CONTROL RENTALS	900																												
155	OFFICE, SEWAGE AND MISC RENTALS	390																												
155	OFFICE, SEWAGE AND MISC RENTALS	130																												
155	OFFICE, SEWAGE AND MISC RENTALS	600																												
155	OFFICE, SEWAGE AND MISC RENTALS	288																												
157	SAFETY/MEDICAL	1,000																												
157	SAFETY/MEDICAL	225																												
			FLOWBACK																											
			Gas Rate: Choke Size: Avg. Tbg. Press: Avg. Csg. Press: Fluid Rate (Water): Fluid Rate (Oil): Tot. Load Recovered:																											
			CASING																											
			Size(in) MD(ft)/TVD(ft) LOT(ppg)																											
			14.000 / 69.00 / 69.00 9.625 1,008.00 / 1,008.00																											
PERFORATIONS																														
Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments																							

Daily Operations

Report Onshore

Well Name/Wellbore No.: UNIVERSITY EAST 4109EH/OH

Country: USA
State: TEXAS
Field: WOLFCAAMP EAST
Supervisors: G. ALLGOOD/ R. GAUTHIER / J. AGUILAR/ R. O.
Engineer/Manager: ELLIS, PRESTON / LLOYD BARRY

Report Number: 010

Report Date: 07/04/2014

Spud Date: 05/02/2014

Release Date:

DOE: 27

DOL: 10

AFE Days: 10.00

Last BOP T.:

CSG Test:

Safety & Environmental Incident: No

Event: COMPLETION LAND

Safety Meeting Topic:

Rig:

Rig Phone:

RKB (Sea Level) (ft): 2,677.51

2,648.0

POB: 155

Manhours: 661.00

AFE #:

Day Cost(\$): 0

Cum Cost(\$): 0

AFE(\$): 1,828,950

Comp: 160515/51348

421,151

1,778,708

3,955,500

FAC: 0

0

330,000

Total: 421,151

1,778,708

6,114,450

Location: Lat: 31° 1' 17.92892 N

Long: 101° 10' 9.59800 W

Current Activity: WIRELINE STAGE # 23

24 Hr Summary: FRAC STAGES 17- 22 & WL STAGES 18- 22

24 Hr Forecast: FRAC STAGES 23- 24 & WL STAGES 23- 24. PENDING SAND AVAILABILITY

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	STG17	21	PERF	WLGUN ASSEMBLY ABOVE TOOL TRAP. STANDBY FOR SIM-OPS
06:30	07:00	0.50	P	WLWORK	09	EORP	REHEAD WL
07:00	08:30	1.50	P	STG17	35	STIM	FRAC STAGE # 17. SICP 2260 PSI. PUMP 25 BBLS 7.5% HCL; 15# LG PAD; 146,060 LBS 100 MESH, 5 - 2.5 PPA, IN 15# LG; 174,080 LBS 40/70, .75 - 3.25 PPA, IN 10# LG; FLUSH W/ LG. ISIP 2788. FG .878 ATP 5,082. ATR 80.0. MTP 6,534 PSI. MTR 82.8. TOTAL PUMPED 5,472. RCW 2,784 BBLS
08:30	09:00	0.50	P	WLWORK	09	EORP	CHANGED OUT GREASE PACKING GASKET FOR LUBRICATOR
09:00	11:30	2.50	P	STG18	21	PERF	WIRELINE STAGE # 18 RU WL ON WELL. TEST WLPCE TO 7000 PSI. RIH W/ 5-1/2" SUPERIOR CFP W/ 6 - 1.5' X 3.125" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 54 SHOTS. CORRELATE W/ MARKER JT AT 5,914'. PUMP DOWN & SET PLUG @ 10,369', PU & PERF STAGE #18 AT 10,148.7' - 10,350.2' O/A PERFS. POH, ALL SHOTS FIRED. PUMPED 208 BBLS. STANDBY FOR SIM-OPS.
11:30	12:00	0.50	P	STG18	09	EORP	SET SEATS ON PUMP 491 AND TIGHTEN BOLTS ON LOW PRESSURE SUCTION SIDE MANIFOLD OF PUMP
12:00	12:15	0.25	P	STG18	35	STIM	BEGAN FRAC ON STAGE # 18
12:15	12:35	0.33	N	STG18	42	WOEP	SHUTDOWN DURING FRAC ON STAGE # 18 DUE TO BURNED FUSE, CAUSING CPUMP ON CLEAN HYDRATION STOP RUNNING
12:35	13:45	1.17	P	STG18	35	STIM	FRAC STAGE # 18. SICP 2244 PSI. PUMP 25 BBLS 7.5% HCL; 15# LG PAD; 146,060 LBS 100 MESH, 5 - 2.5 PPA, IN 15# LG; 173,860 LBS 40/70, .75 - 3.25 PPA, IN 10# LG; FLUSH W/ LG. ISIP 2834. FG .844 ATP 4,975. ATR 83.5. MTP 5,486 PSI. MTR 83.5. TOTAL PUMPED 5,434. RCW 3,130 BBLS
13:45	15:00	1.25	P	STG19	21	PERF	WIRELINE STAGE # 19 RU WL ON WELL. TEST WLPCE TO 7000 PSI. RIH W/ 5-1/2" SUPERIOR CFP W/ 6 - 1.5' X 3.125" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 54 SHOTS. CORRELATE W/ MARKER JT AT 5,914'. PUMP DOWN & SET PLUG @ 10,114', PU & PERF STAGE #19 AT 9,901.7'-10,095.2' O/A PERFS. POH, ALL SHOTS FIRED. PUMPED 192 BBLS. STANDBY FOR SIM-OPS.
15:00	17:30	2.50	P	STG19	35	STIM	FRAC STAGE # 19. SICP 2303 PSI. PUMP 25 BBLS 7.5% HCL; 15# LG PAD; 145,640 LBS 100 MESH, 5 - 2.5 PPA, IN 15# LG; 174,600 LBS 40/70, .75 - 3.25 PPA, IN 10# LG; FLUSH W/ LG. ISIP 2760. FG .873 ATP 4,926. ATR 80.0. MTP 6,793 PSI. MTR 82.8. TOTAL PUMPED 5,272. RCW 2,929 BBLS
17:30	18:00	0.50	P	WLWORK	09	EORP	REHEAD WIRELINE & HELD SAFETY MEETING WITH NIGHT SHIFT PERSONNEL
18:00	20:00	2.00	P	STG20	21	PERF	WIRELINE STAGE # 20 RU WL ON WELL. TEST WLPCE TO 7000 PSI. RIH W/ 5-1/2" SUPERIOR CFP W/ 6 - 1.5' X 3.125" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 54 SHOTS. CORRELATE W/ MARKER JT AT 5,914'. PUMP DOWN & SET PLUG @ 9,870', PU & PERF STAGE #20 AT 9,655'-9,856' O/A PERFS. POH, ALL SHOTS FIRED. PUMPED 161 BBLS. STANDBY FOR SIM-OPS.
20:00	21:45	1.75	P	STG20	35	STIM	FRAC STAGE # 20. SICP 2301 PSI. PUMP 25 BBLS 7.5% HCL; 15# LG PAD; 145,520 LBS 100 MESH, 5 - 2.5 PPA, IN 15# LG; 174,230 LBS 40/70, .75 - 3.25 PPA, IN 10# LG; FLUSH W/ LG. ISIP 2788. FG .894 ATP 4,968. ATR 79.4. MTP 5,819 PSI. MTR 81.6. TOTAL PUMPED 5,490. RCW 2,402 BBLS
21:45	23:30	1.75	P	STG21	21	PERF	WIRELINE STAGE # 21 RU WL ON WELL. TEST WLPCE TO 7000 PSI. RIH W/ 5-1/2" SUPERIOR CFP W/ 6 - 1.5' X 3.125" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 54 SHOTS. CORRELATE W/ MARKER JT AT 5,914'. PUMP DOWN & SET PLUG @ 9,635', PU & PERF STAGE #21 AT 9,408'-9,605' O/A PERFS. POH, ALL SHOTS FIRED. PUMPED 179 BBLS. STANDBY FOR SIM-OPS.
23:30	01:15	1.75	P	STG21	35	STIM	FRAC STAGE # 21. SICP 2177 PSI. PUMP 25 BBLS 7.5% HCL; 15# LG PAD; 145,900 LBS 100 MESH, 5 - 2.5 PPA, IN 15# LG; 175,400 LBS 40/70, .75 - 3.25 PPA, IN 10# LG; FLUSH W/ LG. ISIP 2715. FG .889 ATP 4,875. ATR 79.0. MTP 6,138 PSI. MTR 81.1. TOTAL PUMPED 5,302. RCW 2,674 BBLS
01:15	03:15	2.00	P	STG22	21	PERF	WIRELINE STAGE # 22 RU WL ON WELL. TEST WLPCE TO 7000 PSI. RIH W/ 5-1/2" SUPERIOR CFP W/ 6 - 1.5' X 3.125" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 54 SHOTS. CORRELATE W/ MARKER JT AT 5,914'. PUMP DOWN & SET PLUG @ 9,381', PU & PERF STAGE #22 AT 9,161'-9,361' O/A PERFS. POH, ALL SHOTS FIRED. PUMPED 148 BBLS. STANDBY FOR SIM-OPS.
03:15	05:00	1.75	P	STG22	35	STIM	FRAC STAGE # 22. SICP 2205 PSI. PUMP 25 BBLS 7.5% HCL; 15# LG PAD; 146,660 LBS 100 MESH, 5 - 2.5 PPA, IN 15# LG; 174,200 LBS 40/70, .75 - 3.25 PPA, IN 10# LG; FLUSH W/ LG. ISIP 2665. FG .874 ATP 4,624. ATR 79.1. MTP 5,673 PSI. MTR 81.7. TOTAL PUMPED 5,304. RCW 2,723 BBLS
05:00	06:00	1.00	P	STG23	18	OTHR	REHEAD WIRELINE. HELD SAFETY MEETING WITH DAY SHIFT PERSONNEL

Daily Operations Comments:

NO ACCIDENTS, NO INJURIES, NO LOSS TIME.

DAILY COSTS			FLUIDS		COMPLETION STRING DETAILS			
Code	Description	Cost	Fluids Co:	Down Hole Tool Co:	Tool Sup:			
			Fluids Eng:	Qty	Description	ID	OD	Top Set
111	LOCATION PREPARATION	530	Pit Temp:					
123	CAMP AND CATERING	1,450	Density:					
131	FUEL	13,076	Brine Type:					
134	FRAC TANK RENTAL	195	Gel Type:					
134	FRAC TANK RENTAL	45	Viscosity:					
134	FRAC TANK RENTAL	25	Nitrogen:					
			NTU:					
154	WELL CONTROL RENTALS	3,075	FLOWBACK					
154	WELL CONTROL RENTALS	900	Gas Rate:					
154	WELL CONTROL RENTALS	3,050	Choke Size:					
154	WELL CONTROL RENTALS	175	Avg. Tbg. Press:					
154	WELL CONTROL RENTALS	1,480	Avg. Csg. Press:					
155	OFFICE, SEWAGE AND MISC RENTALS	390	Fluid Rate (Water):					
			Fluid Rate (Oil):					
155	OFFICE, SEWAGE AND MISC RENTALS	600	Tot. Load Recovered:					
155	OFFICE, SEWAGE AND MISC RENTALS	288	CASING					
			Size(in)	MD(ft)/TVD(ft)	LOT(ppg)			
155	OFFICE, SEWAGE AND MISC RENTALS	130	14.000	69.00 / 69.00				
			9.625	1,008.00 / 1,008.00				
157	SAFETY/MEDICAL	1,000						
157	SAFETY/MEDICAL	225						

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations

Report Onshore

Well Name/Wellbore No.: UNIVERSITY EAST 4109EH/OH

Country: USA
State: TEXAS
Field: WOLFCAMP EAST
Supervisors: G. ALLGOOD/ R. GAUTHIER / J. AGUILAR/ R. O
Engineer/Manager: ELLIS, PRESTON / LLOYD BARRY

Report Number: 011

Report Date: 07/05/2014

Spud Date: 05/02/2014

Release Date: DOE: 28

DOL: 11

AFE Days: 10.00

Last BOP T.: CSG Test:

Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,677.51
2,648.0
POB: 126 Manhours: 606.00

	Drig	Comp	FAC	Total
AFE #:		160515/51348		
Day Cost(\$):	0	292,997	0	292,997
Cum Cost(\$):	0	2,079,204	0	2,079,204
AFE(\$):	1,828,950	3,955,500	330,000	6,114,450

Location: Lat: 31° 1' 17.92892 N

Long: 101° 10' 9.59800 W

Current Activity: WIRELINE STAGE # 27

24 Hr Summary: FRAC STAGES 23- 26 & WL STAGES 23- 26

24 Hr Forecast: FRAC STAGES 27- 30 & WL STAGES 27- 31. PENDING SAND AVAILABILITY

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	07:00	1.00	P	STG23	21	PERF	WIRELINE STAGE # 23 RU WL ON WELL. TEST WLPCE TO 7000 PSI. RIH W/ 5-1/2" SUPERIOR CFP W/ 6 - 1.5' X 3.125" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 54 SHOTS. CORRELATE W/ MARKER JT AT 5,914'. PUMP DOWN & SET PLUG @ 9,140', PU & PERF STAGE #23 AT 8,913.7'- 9,111.2' O/A PERFS. POH, ALL SHOTS FIRED. PUMPED 142 BBLS.
07:00	09:00	2.00	P	STG23	73	WOOWO	STANDBY FOR SIM-OPS.
09:00	12:00	3.00	N	STG23	42	WOEP	SHUT DOWN WAITING ON SAND.
12:00	13:30	1.50	P	STG23	35	STIM	FRAC STAGE # 23. SICP 2128 PSI. PUMP 25 BBLS 7.5% HCL; 15# LG PAD; 146,020 LBS 100 MESH, 5 - 2.5 PPA, IN 15# LG; 174,220 LBS 40/70, .75 - 3.25 PPA, IN 10# LG; FLUSH W/ LG. ISIP 2,668. FG .859 ATP 4,698. ATR 82.5. MTP 6,465 PSI. MTR 82.5. TOTAL PUMPED 5,129. RCW 2,858 BBLS.
13:30	15:30	2.00	P	STG24	21	PERF	WIRELINE STAGE # 24 RU WL ON WELL. TEST WLPCE TO 7000 PSI. RIH W/ 5-1/2" SUPERIOR CFP W/ 6 - 1.5' X 3.125" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 54 SHOTS. CORRELATE W/ MARKER JT AT 5,914'. PUMP DOWN & SET PLUG @ 8,887', PU & PERF STAGE #24 AT 8,860.2'- 8,666.7' O/A PERFS. POH, ALL SHOTS FIRED. PUMPED 121 BBLS.
15:30	16:30	1.00	P	STG24	09	EQRP	CHANGING OUT PUMP DUE TO VALVES AND SEATS AND HOOKING UP HYDRAULIC HOSES TO PUMP TO START. PRIMED UP ALL PUMPS.
16:30	18:00	1.50	P	STG24	35	STIM	FRAC STAGE # 24. SICP 2150 PSI. PUMP 25 BBLS 7.5% HCL; 15# LG PAD; 145,860 LBS 100 MESH, 5 - 2.5 PPA, IN 15# LG; 174,000 LBS 40/70, .75 - 3.25 PPA, IN 10# LG; FLUSH W/ LG. ISIP 2,778. FG .876 ATP 4,683. ATR 81.9. MTP 5,494 PSI. MTR 81.9. TOTAL PUMPED 5,416. RCW 2,748 BBLS.
18:00	20:30	2.50	P	STG25	21	PERF	WIRELINE STAGE # 25 RU WL ON WELL. TEST WLPCE TO 7000 PSI. RIH W/ 5-1/2" SUPERIOR CFP W/ 6 - 1.5' X 3.125" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 54 SHOTS. CORRELATE W/ MARKER JT AT 5,914'. PUMP DOWN & SET PLUG @ 8,635', PU & PERF STAGE #25 AT 8,424'- 8,617' O/A PERFS. POH, ALL SHOTS FIRED. PUMPED 107 BBLS.
20:30	23:30	3.00	N	STG25	42	WOEP	WAITING ON PROPPANT TO ARRIVE ON LOCATION
23:30	01:00	1.50	P	STG25	35	STIM	FRAC STAGE # 25. SICP 2055 PSI. PUMP 25 BBLS 7.5% HCL; 15# LG PAD; 146,260 LBS 100 MESH, 5 - 2.5 PPA, IN 15# LG; 174,560 LBS 40/70, .75 - 3.25 PPA, IN 10# LG; FLUSH W/ LG. ISIP 2,792. FG .894 ATP 4,781. ATR 79.4. MTP 5,693 PSI. MTR 84.1. TOTAL PUMPED 5,263. RCW 2,718 BBLS.
01:00	02:00	1.00	P	STG26	21	PERF	WIRELINE STAGE # 26 RU WL ON WELL. TEST WLPCE TO 7000 PSI. RIH W/ 5-1/2" SUPERIOR CFP W/ 6 - 1.5' X 3.125" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 54 SHOTS. CORRELATE W/ MARKER JT AT 5,914'. PUMP DOWN & SET PLUG @ 8,393', PU & PERF STAGE #26 AT 8,173'- 8,370' O/A PERFS. POH, ALL SHOTS FIRED. PUMPED 99 BBLS.
02:00	03:30	1.50	N	STG26	42	WOEP	WAITING ON PROPPANT TO ARRIVE ON LOCATION
03:30	05:30	2.00	P	STG26	35	STIM	FRAC STAGE # 26. SICP 2193 PSI. PUMP 25 BBLS 7.5% HCL; 15# LG PAD; 146,620 LBS 100 MESH, 5 - 2.5 PPA, IN 15# LG; 174,620 LBS 40/70, .75 - 3.25 PPA, IN 10# LG; FLUSH W/ LG. ISIP 2,857. FG .905 ATP 4,601. ATR 79.6. MTP 5,599 PSI. MTR 80.6. TOTAL PUMPED 5,255. RCW 2,650 BBLS.
05:30	06:00	0.50	P	STG27	28	SFTYMTG	HELD SAFETY MEETING WITH DAY SHIFT PERSONNEL.


Daily Operations Comments:


NO ACCIDENTS, NO INJURIES, WAITED ON SAND FOR 7.5 HRS


DAILY COSTS			FLUIDS		COMPLETION STRING DETAILS			
Code	Description	Cost	Fluids Co:	Down Hole Tool Co:	Tool Sup:			
111	LOCATION PREPARATION	530	Fluids Eng:	Qty	Description	ID	OD	Top Set
123	CAMP AND CATERING	1,450	Pit Temp:					
131	FUEL	14,685	Density:					
132	DISPOSAL - CUTTINGS, FLUIDS	1,500	Brine Type:					
134	FRAC TANK RENTAL	195	Gel Type:					
134	FRAC TANK RENTAL	45	Viscosity:					
134	FRAC TANK RENTAL	25	Nitrogen:					
			NTU:					
154	WELL CONTROL RENTALS	3,050	<div>FLOWBACK</div> <div>Gas Rate:</div> <div>Choke Size:</div> <div>Avg. Tbg. Press:</div> <div>Avg. Csg. Press:</div> <div>Fluid Rate (Water):</div> <div>Fluid Rate (Oil):</div> <div>Tot. Load Recovered:</div>					

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

 Daily Operations Report Onshore		Well Name/Wellbore No.: UNIVERSITY EAST 4109EH/OH Country: USA State: TEXAS Field: WOLF CAMP EAST Supervisors: G. ALLGOOD/ R. GAUTHIER / J. AGUILAR/ R. O. Engineer/Manager: ELLIS, PRESTON / LLOYD BARRY		Report Number: 012 Report Date: 07/06/2014 Spud Date: 05/02/2014 Release Date: DOE: 29 Last BOP T.: Safety & Environmental Incident: No		DOL: 12 AFE Days: 10.00 CSG Test:																										
Event: COMPLETION LAND Safety Meeting Topic:		Rig: Rig Phone: RKB (Sea Level) (ft): 2,677.51 2,648.0 POB: 126 Manhours: 606.00		<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></td> <td>160515/51348</td> <td></td> <td></td> </tr> <tr> <td>Day Cost(\$):</td> <td>0</td> <td>207,405</td> <td>0</td> <td>207,405</td> </tr> <tr> <td>Cum Cost(\$)</td> <td>0</td> <td>2,287,859</td> <td>0</td> <td>2,287,859</td> </tr> <tr> <td>AFE(\$):</td> <td>1,828,950</td> <td>3,955,500</td> <td>330,000</td> <td>6,114,450</td> </tr> </tbody> </table>			Drig	Comp	FAC	Total	AFE #:		160515/51348			Day Cost(\$):	0	207,405	0	207,405	Cum Cost(\$)	0	2,287,859	0	2,287,859	AFE(\$):	1,828,950	3,955,500	330,000	6,114,450		
	Drig	Comp	FAC	Total																												
AFE #:		160515/51348																														
Day Cost(\$):	0	207,405	0	207,405																												
Cum Cost(\$)	0	2,287,859	0	2,287,859																												
AFE(\$):	1,828,950	3,955,500	330,000	6,114,450																												
Location: Lat: 31° 1' 17.92892 N Long: 101° 10' 9.59800 W																																
Current Activity: WIRELINE STAGE # 30 24 Hr Summary: FRAC STAGES 27- 29 & WL STAGES 27-29 24 Hr Forecast: FRAC STAGES 30- 32 & WL STAGES 30- 32. SET KILL PLUG																																
OPERATION DETAILS																																
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION																									
06:00	08:30	2.50	P	STG27	21	PERF	WIRELINE STAGE # 27 RU WL ON WELL. TEST WLPCE TO 7000 PSI. RIH W/ 5-1/2" SUPERIOR CFP W/ 6 - 1.5' X 3.125" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 54 SHOTS. CORRELATE W/ MARKER JT AT 5,914'. PUMP DOWN & SET PLUG @ 8,146', PU & PERF STAGE #27 AT 7,925.7'- 8,123.2' O/A PERFS. POH, ALL SHOTS FIRED. PUMPED 97 BBLS.																									
08:30	16:30	8.00	N	STG27	42	WOEP	SHUT DOWN WAITING ON SAND.																									
16:30	18:00	1.50	P	STG27	35	STIM	FRAC STAGE # 27. SICP 1995 PSI. PUMP 25 BBLS 7.5% HCL; 15# LG PAD; 145,720 LBS 100 MESH, 5 - 2.5 PPA, IN 15# LG; 121,380 LBS 40/70, .75 - 3.25 PPA, IN 10# LG; FLUSH W/ LG. LOST SAND ON 40/70 PPA STAGE. UNABLE TO GET BACK. FLUSHED EARLY. ISIP 2,750. FG 876 ATP 4,643. ATR 79.1. MTP 5,280 PSI. MTR 82.7. TOTAL PUMPED 5,306. RCW 2,890 BBLS. HELD SAFETY MEETING WITH NIGHT SHIFT PERSONNEL.																									
18:00	19:00	1.00	P	STG28	21	PERF	WIRELINE STAGE # 28 RU WL ON WELL. TEST WLPCE TO 7000 PSI. RIH W/ 5-1/2" SUPERIOR CFP W/ 6 - 1.5' X 3.125" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 54 SHOTS. CORRELATE W/ MARKER JT AT 5,914'. PUMP DOWN & SET PLUG @ 7,899', PU & PERF STAGE #28 AT 7,679'- 7,876' O/A PERFS. POH, ALL SHOTS FIRED. PUMPED 71 BBLS.																									
19:00	22:15	3.25	N	STG28	42	WOEP	WAIT ON SAND																									
22:15	00:30	2.25	P	STG28	35	STIM	FRAC STAGE # 28. SICP 1966 PSI. PUMP 25 BBLS 7.5% HCL; 15# LG PAD; 79,920 LBS 100 MESH, 1.0 - 2.0 PPA, IN 15# LG; 241,860 LBS 40/70, .75 - 3.25 PPA, IN 10# LG; FLUSH W/ LG. ISIP 2,954. FG 921 ATP 4,981. ATR 79.0. MTP 5,736 PSI. MTR 81.7. TOTAL PUMPED 5,293. RCW 2,874 BBLS.																									
00:30	04:00	3.50	P	STG29	21	PERF	WIRELINE STAGE # 29 RU WL ON WELL. TEST WLPCE TO 7000 PSI. RIH W/ 5-1/2" SUPERIOR CFP W/ 6 - 1.5' X 3.125" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 54 SHOTS. CORRELATE W/ MARKER JT AT 5,914'. PUMP DOWN & SET PLUG @ 7,652', PU & PERF STAGE #29 AT 7,432'- 7,629' O/A PERFS. POH, ALL SHOTS FIRED. PUMPED 68 BBLS. STANDBY FOR SIM-OPS FRAC.																									
04:00	05:30	1.50	P	STG29	35	STIM	FRAC STAGE # 29. SICP 2013 PSI. PUMP 25 BBLS 7.5% HCL; 15# LG PAD; 79,940 LBS 100 MESH, 1.0 - 2.0 PPA, IN 15# LG; 241,420 LBS 40/70, .75 - 3.25 PPA, IN 10# LG; FLUSH W/ LG. ISIP 2800. FG 8961 ATP 4,711. ATR 79.5. MTP 5573 PSI. MTR 81.2. TOTAL PUMPED 5183. RCW 2727 BBLS.																									
05:30	06:00	0.50	P	STG30	28	SFTYMTG	HELD SAFETY MEETING WITH DAY SHIFT PERSONNEL.																									
Daily Operations Comments: NO ACCIDENTS, NO INJURIES, WAITED ON SAND FOR 11.25 HRS																																
DAILY COSTS			FLUIDS			COMPLETION STRING DETAILS																										
Code	Description	Cost	Fluids Co:			Down Hole Tool Co:																										
111	LOCATION PREPARATION	530	Fluids Eng:			Qty	Description																									
123	CAMP AND CATERING	1,450	Pit Temp:			ID	OD																									
131	FUEL	7,205	Density:			Top Set																										
132	DISPOSAL - CUTTINGS, FLUIDS	1,500	Brine Type:																													
134	FRAC TANK RENTAL	45	Gel Type:																													
134	FRAC TANK RENTAL	195	Viscosity:																													
134	FRAC TANK RENTAL	25	Nitrogen:																													
154	WELL CONTROL RENTALS	3,050	NTU:																													
154	WELL CONTROL RENTALS	175																														
154	WELL CONTROL RENTALS	900																														
154	WELL CONTROL RENTALS	3,075																														
154	WELL CONTROL RENTALS	1,480																														
155	OFFICE, SEWAGE AND MISC RENTALS	600																														
155	OFFICE, SEWAGE AND MISC RENTALS	130																														
155	OFFICE, SEWAGE AND MISC RENTALS	390																														
155	OFFICE, SEWAGE AND MISC RENTALS	288																														
157	SAFETY/MEDICAL	225																														
157	SAFETY/MEDICAL	1,000																														
PERFORATIONS																																
Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments																									

 Daily Operations Report Onshore		Well Name/Wellbore No.: UNIVERSITY EAST 4109EH/OH Country: USA State: TEXAS Field: WOLF CAMP EAST Supervisors: G. ALLGOOD/ R. GAUTHIER / J. AGUILAR/ R. O Engineer/Manager: ELLIS, PRESTON / LLOYD BARRY		Report Number: 013 Report Date: 07/07/2014 Spud Date: 05/02/2014 Release Date: DOE: 30 Last BOP T.: Safety & Environmental Incident: No		DOL: 13 AFE Days: 10.00 CSG Test:																										
Event: COMPLETION LAND Safety Meeting Topic:		Rig: Rig Phone: RKB (Sea Level) (ft): 2,677.51 2,648.0 POB: 126 Manhours: 606.00		<table border="1"> <tr> <th></th> <th>Drig</th> <th>Comp</th> <th>FAC</th> <th>Total</th> </tr> <tr> <td>AFE #:</td> <td></td> <td>160515/51348</td> <td></td> <td></td> </tr> <tr> <td>Day Cost(\$):</td> <td>0</td> <td>336,471</td> <td>0</td> <td>336,471</td> </tr> <tr> <td>Cum Cost(\$)</td> <td>0</td> <td>2,624,330</td> <td>0</td> <td>2,624,330</td> </tr> <tr> <td>AFE(\$):</td> <td>1,828,950</td> <td>3,955,500</td> <td>330,000</td> <td>6,114,450</td> </tr> </table>			Drig	Comp	FAC	Total	AFE #:		160515/51348			Day Cost(\$):	0	336,471	0	336,471	Cum Cost(\$)	0	2,624,330	0	2,624,330	AFE(\$):	1,828,950	3,955,500	330,000	6,114,450		
	Drig	Comp	FAC	Total																												
AFE #:		160515/51348																														
Day Cost(\$):	0	336,471	0	336,471																												
Cum Cost(\$)	0	2,624,330	0	2,624,330																												
AFE(\$):	1,828,950	3,955,500	330,000	6,114,450																												
Location: Lat: 31° 1' 17.92892 N Long: 101° 10' 9.59800 W		Current Activity: RDMO FRAC & ASSOCIATED EQUIPMENT 24 Hr Summary: FRAC STAGES 30- 32 & WL STAGES 30-32 & SET KILL PLUG 24 Hr Forecast: CONTINUE TO RDMO FRAC & ASSOCIATED EQUIPMENT																														
OPERATION DETAILS																																
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION																									
06:00	08:45	2.75	P	STG30	21	PERF	WIRELINE STAGE # 30 RU WL ON WELL. TEST WLPCE TO 7000 PSI. RIH W/ 5-1/2" SUPERIOR CFP W/ 6 - 1.5' X 3.125" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 54 SHOTS. CORRELATE W/ MARKER JT AT 5,914'. PUMP DOWN & SET PLUG @ 7,410', PU & PERF STAGE #30 AT 7,184.7'-7,382.2' O/A PERFS. POH, ALL SHOTS FIRED. PUMPED 62 BBLS. STANDBY FOR SIM-OPS FRAC.																									
08:45	10:00	1.25	P	STG30	35	STIM	FRAC STAGE # 30. SICP 2026 PSI. PUMP 25 BBLS 7.5% HCL; 15# LG PAD; 78,900 LBS 100 MESH, 1.0 - 2.0 PPA, IN 15# LG; 241,840 LBS 40/70, .75 - 3.25 PPA, IN 10# LG; FLUSH W/ LG. ISIP 2857. FG .8961 ATP 4,575. ATR 79.6. MTP 5573 PSI. MTR 83.2. TOTAL PUMPED 5106. RCW 2846 BBLS.																									
10:00	11:00	1.00	P	STG31	21	PERF	WIRELINE STAGE # 31 RU WL ON WELL. TEST WLPCE TO 7000 PSI. RIH W/ 5-1/2" SUPERIOR CFP W/ 6 - 1.5' X 3.125" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 54 SHOTS. CORRELATE W/ MARKER JT AT 5,914'. PUMP DOWN & SET PLUG @ 7,158', PU & PERF STAGE #31 AT 6,937.7'-7,135.2' O/A PERFS. POH, ALL SHOTS FIRED. PUMPED 62 BBLS. STANDBY FOR SIM-OPS FRAC.																									
11:00	15:00	4.00	N	STG31	35	STIM	WAITING ON SAND																									
15:00	16:30	1.50	P	STG31	35	STIM	FRAC STAGE # 31. SICP 2050 PSI. PUMP 25 BBLS 7.5% HCL; 15# LG PAD; 78,800 LBS 100 MESH, 1.0 - 2.0 PPA, IN 15# LG; 241,060 LBS 40/70, .75 - 3.25 PPA, IN 10# LG; FLUSH W/ LG. ISIP 2847.7. FG .9 ATP 4,684. ATR 79.9. MTP 5,726 PSI. MTR 82.6. TOTAL PUMPED 5145. RCW 2535 BBLS.																									
16:30	18:45	2.25	P	STG32	21	PERF	WIRELINE STAGE # 32 RU WL ON WELL. TEST WLPCE TO 7000 PSI. RIH W/ 5-1/2" SUPERIOR CFP W/ 6 - 1.5' X 3.125" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 54 SHOTS. CORRELATE W/ MARKER JT AT 5,914'. PUMP DOWN & SET PLUG @ 6,905', PU & PERF STAGE # 32 AT 6,690'-6,888' O/A PERFS. POH, ALL SHOTS FIRED. PUMPED 38 BBLS. STANDBY FOR SIM-OPS FRAC.																									
18:45	20:45	2.00	P	STG32	35	STIM	FRAC STAGE # 32. SICP 2053 PSI. PUMP 25 BBLS 7.5% HCL; 15# LG PAD; 79,300 LBS 100 MESH, 1.0 - 2.0 PPA, IN 15# LG; 241,180 LBS 40/70, .75 - 3.25 PPA, IN 10# LG; FLUSH W/ LG. ISIP 2980. FG .925 ATP 5,183. ATR 79.2. MTP 5,532 PSI. MTR 81.4. TOTAL PUMPED 5153. RCW 2205 BBLS.																									
20:45	01:00	4.25	P	POST	27	SETP	PUMP DOWN & SET 5-1/2" KILL PLUG @ 5,900'. TEST PLUG @ 6500 PSI FOR 15 MIN. GOOD TEST. STANDBY FOR SIM-OPS FRAC																									
01:00	06:00	5.00	P	POST	02	RDMO	BEGIN TO RDMO FRAC & ASSOCIATED EQUIPMENT																									
Daily Operations Comments: NO ACCIDENTS, NO INJURIES, WAITED ON SAND FOR 4.0 HRS																																
DAILY COSTS			FLUIDS			COMPLETION STRING DETAILS																										
Code	Description	Cost	Fluids Co:			Down Hole Tool Co:																										
111	LOCATION PREPARATION	530	Fluids Eng:			Tool Sup:																										
123	CAMP AND CATERING	1,450	Pit Temp:			Qty	Description	ID																								
131	FUEL	16,573	Density:					OD																								
132	DISPOSAL - CUTTINGS, FLUIDS	1,500	Brine Type:					Top Set																								
134	FRAC TANK RENTAL	45	Gel Type:																													
134	FRAC TANK RENTAL	195	Viscosity:																													
134	FRAC TANK RENTAL	25	Nitrogen:																													
141	MUD and CHEMICALS	51,009	NTU:																													
154	WELL CONTROL RENTALS	1,480																														
154	WELL CONTROL RENTALS	900																														
			FLOWBACK																													
154	WELL CONTROL RENTALS	3,075	Gas Rate:																													
154	WELL CONTROL RENTALS	3,050	Choke Size:																													
154	WELL CONTROL RENTALS	175	Avg. Tbg. Press:																													
155	OFFICE, SEWAGE AND MISC RENTALS	390	Avg. Csg. Press:																													
155	OFFICE, SEWAGE AND MISC RENTALS	600	Fluid Rate (Water):																													
155	OFFICE, SEWAGE AND MISC RENTALS		Fluid Rate (Oil):																													
155	OFFICE, SEWAGE AND MISC RENTALS		Tot. Load Recovered:																													
			CASING																													
155	OFFICE, SEWAGE AND MISC RENTALS	130	Size(in)	MD(ft)/TVD(ft)	LOT(ppg)																											
155	OFFICE, SEWAGE AND MISC RENTALS	288	14.000	69.00 / 69.00																												
			9.625	1,008.00 / 1,008.00																												
157	SAFETY/MEDICAL	1,000																														
PERFORATIONS																																
Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments																									

 Daily Operations Report Onshore		Well Name/Wellbore No.: UNIVERSITY EAST 4109EH/OH Country: USA State: TEXAS Field: WOLFCAMP EAST Supervisors: G. ALLGOOD / R. GAUTHIER Engineer/Manager: ELLIS, PRESTON / LLOYD BARRY		Report Number: 014 Report Date: 07/08/2014 Spud Date: 05/02/2014 Release Date: DOE: 31 Last BOP T.: Safety & Environmental Incident: No		DOL: 14 AFE Days: 10.00 CSG Test:																										
Event: COMPLETION LAND Safety Meeting Topic:		Rig: Rig Phone: RKB (Sea Level) (ft): 2,677.51 2,648.0 POB: 39 Manhours: 344.00		<table border="1"> <tr> <th></th> <th>Drig</th> <th>Comp</th> <th>FAC</th> <th>Total</th> </tr> <tr> <td>AFE #:</td> <td></td> <td>160515/51348</td> <td></td> <td></td> </tr> <tr> <td>Day Cost(\$):</td> <td>0</td> <td>17,907</td> <td>0</td> <td>17,907</td> </tr> <tr> <td>Cum Cost(\$)</td> <td>0</td> <td>2,643,401</td> <td>0</td> <td>2,643,401</td> </tr> <tr> <td>AFE(\$):</td> <td>1,828,950</td> <td>3,955,500</td> <td>330,000</td> <td>6,114,450</td> </tr> </table>			Drig	Comp	FAC	Total	AFE #:		160515/51348			Day Cost(\$):	0	17,907	0	17,907	Cum Cost(\$)	0	2,643,401	0	2,643,401	AFE(\$):	1,828,950	3,955,500	330,000	6,114,450	Location: Lat: 31° 1' 17.92892 N Long: 101° 10' 9.59800 W	
	Drig	Comp	FAC	Total																												
AFE #:		160515/51348																														
Day Cost(\$):	0	17,907	0	17,907																												
Cum Cost(\$)	0	2,643,401	0	2,643,401																												
AFE(\$):	1,828,950	3,955,500	330,000	6,114,450																												
Current Activity: NO ACTIVITY UNTIL DRILL OUT OPS BEGIN. 24 Hr Summary: RDMO STACK AND FRAC EQUIPMENT. 24 Hr Forecast: MOVE RENTALS TO UL 44-11 MH.																																
OPERATION DETAILS																																
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION																									
06:00	07:00	1.00	P	RDMO	28	SFTYMTG	HSM. PREP FOR RIG DOWN.																									
07:00	21:00	14.00	P	RDMO	02	RDMO	FINISH RD FRAC TECH EQUIPMENT. CLEAN AND REMOVE CONTAINMENT MATS. ND & LOAD OUT FRAC STACK, ZIPPER MANIFOLD, AND FLOWBACK IRON. TRANSFER WATER FROM PUMPDOWN TANKS TO FRAC TANKS ONSITE FOR STORAGE. RD CRANE. BEGAN TRANSPORTING FRAC EQUIPMENT TO FTSI YARDS FOR MAINTENANCE. SDFN.																									
21:00	06:00	9.00	P	RDMO	02	RDMO	CONTINUE STAGING EQUIPMENT TO YARDS FOR MAINTENANCE THROUGH THE NIGHT.																									
Daily Operations Comments: NO ACCIDENTS, NO INJURIES, NO UNSCHEDULED DOWNTIME.																																
DAILY COSTS			FLUIDS			COMPLETION STRING DETAILS																										
Code	Description	Cost	Fluids Co: Fluids Eng: Pit Temp: Density: Brine Type: Gel Type: Viscosity: Nitrogen: NTU: FLOWBACK Gas Rate: Choke Size: Avg. Tbg. Press: Avg. Csg. Press: Fluid Rate (Water): Fluid Rate (Oil): Tot. Load Recovered: CASING <table border="1"> <tr> <th>Size(in)</th> <th>MD(ft)/TVD(ft)</th> <th>LOT(ppg)</th> </tr> <tr> <td>14.000</td> <td>69.00 / 69.00</td> <td></td> </tr> <tr> <td>9.625</td> <td>1,008.00 / 1,008.00</td> <td></td> </tr> </table>			Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	14.000	69.00 / 69.00		9.625	1,008.00 / 1,008.00		Down Hole Tool Co: Qty		Tool Sup: ID OD Top Set															
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)																														
14.000	69.00 / 69.00																															
9.625	1,008.00 / 1,008.00																															
111	LOCATION PREPARATION	530																														
123	CAMP AND CATERING	725																														
132	DISPOSAL - CUTTINGS, FLUIDS	1,500																														
132	DISPOSAL - CUTTINGS, FLUIDS	270																														
134	FRAC TANK RENTAL	45																														
134	FRAC TANK RENTAL	25																														
134	FRAC TANK RENTAL	195																														
154	WELL CONTROL RENTALS	1,480																														
154	WELL CONTROL RENTALS	175																														
154	WELL CONTROL RENTALS	900																														
155	OFFICE, SEWAGE AND MISC RENTALS	390																														
155	OFFICE, SEWAGE AND MISC RENTALS	130																														
155	OFFICE, SEWAGE AND MISC RENTALS	600																														
155	OFFICE, SEWAGE AND MISC RENTALS	288																														
157	SAFETY/MEDICAL	225																														
PERFORATIONS																																
Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments																									



Well Name/Wellbore No.: UNIVERSITY EAST 4411IH/OH

Country: USA
State: TEXAS
Field: WOLFCAMP EAST
Supervisors: MIKE SHIELD / AVELINO R / FORREST TATE / J
Engineer/Manager: VERA, ROBERT L / LLOYD BARRY

Report Number: 013
Report Date: 07/13/2014
Spud Date: 05/01/2014
Release Date:
DOE: 13 DOL: 13 AFE Days: 11.00
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:
Location: Lat: 31° 2' 11.70992 N
Long: 101° 17' 35.98000 W

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,687.01
2,662.0
POB: 94 Manhours: 573.00

	Drig	Comp	FAC	Total
A/E #:		160696/51589		
Day Cost(\$):	0	198,964	0	198,964
Cum Cost(\$)	0	1,008,855	0	1,008,855
A/E(\$):	2,041,075	3,955,500	365,000	6,361,575

Current Activity: SAFETY MEETING
24 Hr Summary: FRAC STAGES 09 - 12 AND PERF STAGES 10-13
24 Hr Forecast: FRAC STAGES 13-15 AND PERF STAGES 14-16

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	08:15	2.25	N	STG09	35	STIM	WAITING ON SAND
08:15	09:45	1.50	P	STG09	35	STIM	TEST STACK TO 8,300 PSI , B/O TO SICP + 500 PSI. OPEN WELL AND FRAC STG #9 AS PER DESIGN, SEE ATTACHED STIM REPORT FOR DETAILS.
09:45	11:00	1.25	P	STG10	21	PERF	ANNOUNCE RADIO SILENCE, P/U LUB AND GUNS, TEST TO 8,000 PSI. B/O TO SICP. OPEN WELL AND PUMP PLUG DOWN TO SETTING DEPTH OF 12,645'. SET PLUG AND PERF STG #10 FROM 12,620' TO 12,423'. POOH ALL SHOTS FIRED.
11:00	15:30	4.50	N	STG10	73	WOOWO	WAITING ON SAND FOR JH WELL, AND SIMOPS
15:30	17:00	1.50	P	STG10	35	STIM	TEST STACK TO 8,000 PSI. B/O AND EQ TO SICP + 500 = 2650. OPEN WELL AND FRAC STG #10 AS PER DESIGN, SEE ATTACHED STIM REPORT FOR DETAILS
17:00	18:00	1.00	P	STG11	21	PERF	ANNOUNCE RADIO SILENCE, P/U LUB AND GUNS. TEST TO 8,000 PSI. B/O TO SICP. OPEN WELL AND PUMP PLUG DOWN TO SETTING DEPTH OF 12,396'. SET PLUG AND PERF STG #11 FROM 12,366' TO 12,174'. POOH ALL SHOTS FIRED. HELD SAFETY AND JSA WITH NIGHT CREW, DISCUSS LOCATION HOUSEKEEPING AND DESIGNATED SMOKING AREAS.
18:00	21:00	3.00	P	STG11	73	WOOWO	WAITING ON SIMOPS, WAITING ON 100 MESH SAND
21:00	22:30	1.50	P	STG11	35	STIM	TEST STACK TO 8,300 PSI. B/O AND EQ TO SICP + 500 PSI = 2258 PSI. OPEN WELL AND FRAC STAGE #11 AS PER DESIGN @ 90 BPM. SEE ATTACHED STIM REPORT FOR DETAILS. DO NOT USE RECYCLED WATER UNTIL FURTHER NOTICE.
22:30	23:30	1.00	P	STG12	21	PERF	ANNOUNCE RADIO SILENCE, P/U LUB AND GUNS, TEST TO 8,000 PSI. B/O TO SICP. OPEN WELL AND PUMP PLUG DOWN TO SETTING DEPTH OF 12,147'. SET PLUG AND PERF STG #12 FROM 12,121' TO 11,930'. POOH ALL SHOTS FIRED.
23:30	02:15	2.75	P	STG12	73	WOOWO	WAITING ON SIMOPS
02:15	03:45	1.50	P	STG12	35	STIM	TEST STACK TO 8,300 PSI. B/O AND EQ TO SICP + 500 PSI = 2355 PSI. OPEN WELL AND FRAC STAGE #12 AS PER DESIGN @ 90 BPM. SEE ATTACHED STIM REPORT FOR DETAILS. DO NOT USE RECYCLED WATER UNTIL FURTHER NOTICE.
03:45	04:45	1.00	P	STG13	21	PERF	ANNOUNCE RADIO SILENCE, P/U LUB AND GUNS, TEST TO 8,000 PSI. B/O TO SICP. OPEN WELL AND PUMP PLUG DOWN TO SETTING DEPTH OF 11,898'. SET PLUG AND PERF STG #13 FROM 11,873' TO 11,676'. POOH ALL SHOTS FIRED.
04:45	05:30	0.75	P	STG13	73	WOOWO	WAITING ON SIMOPS
05:30	06:00	0.50	P	STG13	28	SFTYMTG	HOLD HSE MEETING WITH DAY CREW, DISCUSSED H.E.L.P. AND DESIGNATED SMOKING AREAS

Daily Operations Comments:

NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION, HELD DAILY SAFETY AND JSA MEETINGS, NO OFFICIAL VISITS

DAILY COSTS			FLUIDS		COMPLETION STRING DETAILS				
Code	Description	Cost	Fluids Co:		Down Hole Tool Co:		Tool Sup:		
111	LOCATION PREPARATION	600	Fluids Eng:		Qty	Description	ID	OD	Top Set
123	CAMP AND CATERING	1,527	Pit Temp:						
			Density:						
			Brine Type:						
			Gel Type:						
131	FUEL	21,623	Viscosity:						
			Nitrogen:						
			NTU:						
133	WATER	650	FLOWBACK						
134	FRAC TANK RENTAL	38	Gas Rate:						
134	FRAC TANK RENTAL	50	Choke Size:						
			Avg. Tbg. Press:						
154	WELL CONTROL RENTALS	175	Avg. Csg. Press:						
154	WELL CONTROL RENTALS	4,000	Fluid Rate (Water):						
			Fluid Rate (Oil):						
			Tot. Load Recovered:						
154	WELL CONTROL RENTALS	750	CASING						
154	WELL CONTROL RENTALS	3,510	Size(in)	MD(ft)/TVD(ft)	LOT(ppg)				
155	OFFICE, SEWAGE AND MISC RENTALS	765	14.000	65.00 / 65.00					
155	OFFICE, SEWAGE AND MISC RENTALS	200	9.625	939.00 / 939.00					
155	OFFICE, SEWAGE AND MISC RENTALS	950							

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments
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<div>EP ENERGY</div> <div>Daily Operations Report Onshore</div>						Well Name/Wellbore No.: UNIVERSITY EAST 4109EH/OH				Report Number: 015 Report Date: 07/16/2014 Spud Date: 05/02/2014 Release Date: DOE: 39 DOL: 15 AFE Days: 10.00 Last BOP T.: CSG Test: Safety & Environmental Incident: No															
Event: COMPLETION LAND Safety Meeting Topic:						Rig: Rig Phone: RKB (Sea Level) (ft): 2,677.51 2,648.0 POB: 25 Manhours: 207.00				Drig		Comp		FAC		Total									
Location: Lat: 31° 1' 17.92892 N Long: 101° 10' 9.59800 W										AFE #:		160515/51348													
										Day Cost(\$):		0		36,762		0									
										Cum Cost(\$)		0		2,858,623		0									
										AFE(\$):		1,828,950		3,955,500		330,000									
Current Activity: WASH TO TAG CFP#1																									
24 Hr Summary: MIRU WOR & RELATED EQUIP. NU & TEST BOP STACK & FLOW IRON. PU & TIH W/ BIT, FLOATS, & WORKSTRING. TAG & DRILL KILL PLUG.																									
WASH TO TAG CFP#1																									
24 Hr Forecast: WASH/DRILL CPF'S.																									
OPERATION DETAILS																									
FROM		TO		HRS		OP CODE		PHASE		CODE		ACTIVITY		DESCRIPTION											
12:00		17:30		5.50		P		MIRU		01		MIRU		MIRU CC FORBES RIG #173 & ASSOCIATED EQUIPMENT. SET SAND-X TANK & FRAC TANKS. MIRU PLUG CATCHER & MANIFOLD. PREP FLOOR TO PU & TIH W/ BIT & TBG. MI & SPOT LIGHT PLANTS. MIRU A&P OFFICE TRAILER W/ SEWAGE-WATER TANKS.											
17:30		18:00		0.50		P		WOR		28		SFTYMTG		HSM. DISCUSS JSA'S, SAFETY, & SCOPE OF NIGHT OPERATIONS.											
18:00		19:25		1.42		P		WOR		16		NUND		NU & TEST BOPS TO 250 LOW AND 4500 HIGH. TEST GOOD. TEST HYDRIL TO 250 PSI LOW & 1500 PSI HIGH. TEST GOOD. TEST FLOW LINES TO 250 LOW 5000 HIGH. TEST GOOD.											
19:25		22:00		2.58		P		MIRU		01		MIRU		TRANSFER & TALLY 2-7/8" PH-6 WORKSTRING. HAUL & FILL SAND-X, ETS, & KCL FRAC TANKS W/ FRESH WATER FOR KCL. MI & SPOT SECOND OPEN TOP FOR EMERGENCY BLOWDOWN. RU PANIC LINES TO TANK. SET PU/LD MACHINE & PIPE RACKS. PREP TO PU & TIH W/ BIT.											
22:00		02:50		4.83		P		WOR		24		PULD		PU & TIH W/ 4-3/4" JZ ROCK BIT, FLOAT/BIT SUB COMBO, ONE JT 2-7/8" PH-6 TBG, FLOAT SUB, 64 JTS 2-7/8" PH-6 TBG, NO-GO NIPPLE, & 125 JTS 2-7/8" PH-6 TBG.											
02:50		04:20		1.50		P		MIRU		01		MIRU		RD TBG TONGS. CHANGE ELEVATORS. MIRU EATON 3.5 POWER SWIVEL. CHANGE OUT STIFF ARM. REPLACE SABRE SUB. INSTALL MUELLER HEAD RUBBER.											
04:20		05:30		1.17		P		WOR		40		WASH		BREAK CIRCULATION @ 4.5 BPM W/ 400 PSI. TAG KILL PLUG @ 5,900 ' (TM). DRILL PLUG IN 15 MINS. RETURN RATE: 4.5 BPM W/ 500 PSI.											
05:30		06:00		0.50		P		WOR		28		SFTYMTG		WASH TO TAG CFP#1 HSM. DISCUSS JSA'S, SAFETY, & SCOPE OF DAY OPERATIONS.											
Daily Operations Comments:																									
NO ACCIDENTS, NO INJURIES, NO UNSCHEDULED DOWNTIME.																									
DAILY COSTS						FLUIDS						COMPLETION STRING DETAILS													
Code		Description				Cost		Fluids Co:						Down Hole Tool Co:				Tool Sup:							
125		DRILLING/SERVICE RIG - DAYRATE				8,255		Fluids Eng:						Qty		Description		ID		OD		Top Set			
								Pit Temp:																	
								Density:																	
								Brine Type:																	
133		WATER				765		Gel Type:																	
134		FRAC TANK RENTAL				25		Viscosity:																	
134		FRAC TANK RENTAL				150		Nitrogen:																	
141		MUD and CHEMICALS				1,875		NTU:																	
142		SOLIDS CONTROL RENTAL EQUIPMENT				350																			
151		DRILLSTRING/WORKSTRING RENTAL EQUIPMENT				13,031		FLOWBACK																	
154		WELL CONTROL RENTALS				160		Gas Rate:																	
154		WELL CONTROL RENTALS				576		Choke Size:																	
154		WELL CONTROL RENTALS				175		Avg. Tbg. Press:																	
154		WELL CONTROL RENTALS				1,500		Avg. Csg. Press:																	
154		WELL CONTROL RENTALS				3,000		Fluid Rate (Water):																	
155		OFFICE, SEWAGE AND MISC RENTALS				1,340		Fluid Rate (Oil):																	
155		OFFICE, SEWAGE AND MISC RENTALS				450		Tot. Load Recovered:																	
						CASING																			
		Size(in)		MD(ft)/TVD(ft)		LOT(ppg)																			
				/																					
201		LAND TRANSPORTATION				880		14.000		69.00 / 69.00															
								9.625		1,008.00 / 1,008.00															
201		LAND TRANSPORTATION				2,730		9.625		984.00 / 984.00															
								/																	
								9.625		984.00 / 984.00															
PERFORATIONS																									
Date		Stage		Top		Bottom		SPF(ft)		FG/BHP(ft)		Separation Method				Comments									



Country: USA
State: TEXAS
Field: WOLFCAMP EAST
Supervisors: CARMINE FAYE / KENNY COPELAND
Engineer/Manager: ELLIS, PRESTON / LLOYD BAR

Report Number: 016
Report Date: 07/17/2014
Spud Date: 05/02/2014
Release Date:
DOE: 40 DOL: 16 AFE Days: 10.00
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND	Rig:		Drig	Comp	FAC	Total
Safety Meeting Topic:	Rig Phone:		AFE #:	160515/51348		
	RKB (Sea Level) (ft):	2,677.51	Day Cost(\$):	0	50,415	50,415
Location: Lat: 31° 1' 17.92892 N		2,648.0	Cum Cost(\$)	0	2,909,038	2,909,038
Long: 101° 10' 9.59800 W	POB: 23	Manhours: 273.00	AFE(\$):	1,828,950	3,955,500	330,000
						6,114,450

Current Activity:	WASH TO TAG PLUG #29.
24 Hr Summary:	WASH/DRILL CFP'S #1 - 28.
24 Hr Forecast:	WASH/DRILL REMAINING PLUGS, CIRCULATE BOTTOMS UP, LD WORK STRING. MIRU SNUBBING UNIT SNUB OOH. RDMO SNUBBING UNIT. MIRU ELINE UNIT PREP TO RUN GAUGE RING & PACKER.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
			P	WOR	18	OTHR	DAILY WTR TO DISPOSAL/RECLAIM: XX BBLs. CUMMULATIVE WTR TO DISPOSAL/RECLAIM: XX BBLs.
06:00	17:30	11.50	P	WOR	40	WASH	WASH/DRILL 33 JTS 2-7/8" PH-6 TBG. TAG CFP #1 @ 6,900' (TM). DRILL PLUG IN 10 MINS. PUMP RATE: 4 BPM W/ 1800 PSI. RETURN RATE: 5 BPM W/ 475 PSI. PUMP 10 BBL GEL SWEEP. WASH/DRILL 8 JTS 2-7/8" PH-6 TBG. TAG CFP #2 @ 7,154' (TM). DRILL PLUG IN 5 MINS. PUMP RATE: 4 BPM W/ 2000 PSI. RETURN RATE: 5 BPM W/ 450 PSI. PUMP 20 BBL GEL SWEEP. WASH/DRILL 8 JTS 2-7/8" PH-6 TBG. TAG CFP #3 @ 7,406' (TM). DRILL PLUG IN 5 MINS. PUMP RATE: 4 BPM W/ 2000 PSI. RETURN RATE: 5 BPM W/ 450 PSI. PUMP 20 BBL GEL SWEEP. WASH/DRILL 8 JTS 2-7/8" PH-6 TBG. TAG CFP #4 @ 7,652' (TM). DRILL PLUG IN 5 MINS. PUMP RATE: 4 BPM W/ 2000 PSI. RETURN RATE: 5 BPM W/ 450 PSI. PUMP 10 BBL GEL SWEEP. WASH/DRILL 8 JTS 2-7/8" PH-6 TBG. TAG CFP #5 @ 7,896' (TM). DRILL PLUG IN 5 MINS. PUMP RATE: 4 BPM W/ 2000 PSI. RETURN RATE: 5 BPM W/ 600 PSI. PUMP 10 BBL GEL SWEEP. WASH/DRILL 8 JTS 2-7/8" PH-6 TBG. TAG CFP #6 @ 8,144' (TM). DRILL PLUG IN 5 MINS. PUMP RATE: 4 BPM W/ 2000 PSI. RETURN RATE: 5 BPM W/ 600 PSI. PUMP 20 BBL GEL SWEEP. WASH/DRILL 8 JTS 2-7/8" PH-6 TBG. TAG CFP #7 @ 8,390' (TM). DRILL PLUG IN 10 MINS. PUMP RATE: 4 BPM W/ 2000 PSI. RETURN RATE: 5 BPM W/ 350 PSI. PUMP 10 BBL GEL SWEEP. WASH/DRILL 8 JTS 2-7/8" PH-6 TBG. TAG CFP #8 @ 8,631' (TM). DRILL PLUG IN 10 MINS. PUMP RATE: 4 BPM W/ 2000 PSI. RETURN RATE: 5 BPM W/ 350 PSI. PUMP 10 BBL GEL SWEEP. WASH/DRILL 8 JTS 2-7/8" PH-6 TBG. TAG CFP #9 @ 8,880' (TM). DRILL PLUG IN 10 MINS. PUMP RATE: 4 BPM W/ 2000 PSI. RETURN RATE: 5 BPM W/ 350 PSI. PUMP 20 BBL GEL SWEEP. WASH/DRILL 8 JTS 2-7/8" PH-6 TBG. TAG CFP #10 @ 9,140' (TM). DRILL PLUG IN 10 MINS. PUMP RATE: 4 BPM W/ 2000 PSI. RETURN RATE: 5 BPM W/ 350 PSI. PUMP 30 BBL GEL SWEEP. WASH/DRILL 8 JTS 2-7/8" PH-6 TBG. TAG CFP #11 @ 9,375' (TM). DRILL PLUG IN 10 MINS. PUMP RATE: 4 BPM W/ 2000 PSI. RETURN RATE: 5 BPM W/ 350 PSI. PUMP 30 BBL GEL SWEEP. WASH/DRILL 8 JTS 2-7/8" PH-6 TBG. TAG CFP #12 @ 9,633' (TM). DRILL PLUG IN 20 MINS. PUMP RATE: 4 BPM W/ 2000 PSI. RETURN RATE: 5 BPM W/ 350 PSI. PUMP 30 BBL GEL SWEEP.
17:30	18:00	0.50	P	WOR	28	SFTYMTG	HSM. DISCUSS JSA'S, SAFETY, & SCOPE OF NIGHT OPERATIONS.
18:00	19:45	1.75	P	WOR	40	WASH	WASH/DRILL 8 JTS 2-7/8" PH-6 TBG. TAG CFP #13 @ 9,856' (TM). DRILL PLUG IN 5 MINS. PUMP RATE: 5.0 BPM W/ 2200 PSI. RETURN RATE: 6.0 BPM W/ 380 PSI. PUMP 30 BBL GEL SWEEP. WASH/DRILL 8 JTS 2-7/8" PH-6 TBG. TAG CFP #14 @ 10,103' (TM). DRILL PLUG IN 15 MINS. PUMP RATE: 5.0 BPM W/ 2200 PSI. RETURN RATE: 6.0 BPM W/ 350 PSI. PUMP 30 BBL GEL SWEEP. WASH/DRILL 8 JTS 2-7/8" PH-6 TBG. TAG CFP #15 @ 10,352' (TM). DRILL PLUG IN 5 MINS. PUMP RATE: 5.0 BPM W/ 2200 PSI. RETURN RATE: 6.0 BPM W/ 480 PSI. PUMP 30 BBL GEL/POP/BEAD SWEEP. WASH/DRILL 8 JTS 2-7/8" PH-6 TBG. TAG CFP #16 @ 10,600' (TM).
19:45	20:35	0.83	P	WOR	06	CIRC	PUMP TWO 30 BBL GEL SWEEPS @ 7.0 BPM W/ 2800 PSI DUE TO EXCESSIVE TORQUE IN ATTEMPT TO CLEAN WELLBORE.
20:35	05:30	8.92	P	WOR	40	WASH	DRILL CFP #16 IN 5 MINS. PUMP RATE: 5.0 BPM W/ 2200 PSI. RETURN RATE: 6.0 BPM W/ 550 PSI. PUMP 30 BBL GEL/POP/BEAD SWEEP. WASH/DRILL 8 JTS 2-7/8" PH-6 TBG. TAG CFP #17 @ 10,847' (TM). DRILL PLUG IN 5 MINS. PUMP RATE: 5.0 BPM W/ 2200 PSI. RETURN RATE: 6.0 BPM W/ 550 PSI. PUMP 30 BBL GEL/POP/BEAD SWEEP. WASH/DRILL 8 JTS 2-7/8" PH-6 TBG. TAG CFP #18 @ 11,080' (TM). DRILL PLUG IN 5 MINS. PUMP RATE: 5.0 BPM W/ 2200 PSI. RETURN RATE: 6.0 BPM W/ 550 PSI. PUMP 30 BBL GEL/POP/BEAD SWEEP. WASH/DRILL 9 JTS 2-7/8" PH-6 TBG. TAG CFP #19 @ 11,341' (TM). DRILL PLUG IN 15 MINS. PUMP RATE: 5.0 BPM W/ 2200 PSI. RETURN RATE: 6.0 BPM W/ 700 PSI. PUMP 30 BBL GEL/POP/BEAD SWEEP. WASH/DRILL 7 JTS 2-7/8" PH-6 TBG. TAG CFP #20 @ 11,575' (TM). DRILL PLUG IN 10 MINS. PUMP RATE: 5.0 BPM W/ 2200 PSI. RETURN RATE: 6.0 BPM W/ 650 PSI. PUMP 30 BBL GEL/POP/BEAD SWEEP. WASH/DRILL 9 JTS 2-7/8" PH-6 TBG. TAG CFP #21 @ 11,852' (TM). DRILL PLUG IN 15 MINS. PUMP RATE: 5.0 BPM W/ 2200 PSI. RETURN RATE: 6.0 BPM W/ 550 PSI. PUMP 30 BBL GEL/POP/BEAD SWEEP. WASH/DRILL 7 JTS 2-7/8" PH-6 TBG. TAG CFP #22 @ 12,070' (TM). DRILL PLUG IN 10 MINS. PUMP RATE: 5.0 BPM W/ 2200 PSI. RETURN RATE: 6.0 BPM W/ 550 PSI. PUMP 30 BBL GEL/POP/BEAD SWEEP. WASH/DRILL 9 JTS 2-7/8" PH-6 TBG. TAG CFP #23 @ 12,328' (TM). DRILL PLUG IN 10 MINS. PUMP RATE: 5.0 BPM W/ 2300 PSI. RETURN RATE: 6.0 BPM W/ 500 PSI. PUMP 30 BBL GEL/POP/BEAD SWEEP. WASH/DRILL 8 JTS 2-7/8" PH-6 TBG. TAG CFP #24 @ 12,570' (TM). DRILL PLUG IN 8 MINS. PUMP RATE: 5.0 BPM W/ 2300 PSI. RETURN RATE: 6.0 BPM W/ 500 PSI. PUMP 30 BBL GEL/POP/BEAD SWEEP. WASH/DRILL 7 JTS 2-7/8" PH-6 TBG. TAG CFP #25 @ 12,810' (TM). DRILL PLUG IN 10 MINS. PUMP RATE: 5.0 BPM W/ 2300 PSI. RETURN RATE: 6.0 BPM W/ 550 PSI. PUMP 30 BBL GEL/POP/BEAD SWEEP. WASH/DRILL 8 JTS 2-7/8" PH-6 TBG. TAG CFP #26 @ 13,055' (TM). DRILL PLUG IN 10 MINS. PUMP RATE: 5.0 BPM W/ 2300 PSI. RETURN RATE: 6.0 BPM W/ 550 PSI. PUMP 30 BBL GEL/POP/BEAD SWEEP. WASH/DRILL 9 JTS 2-7/8" PH-6 TBG. TAG CFP #27 @ 13,312' (TM). DRILL PLUG IN 10 MINS. PUMP RATE: 5.0 BPM W/ 2400 PSI. RETURN RATE: 6.0 BPM W/ 600 PSI. PUMP 30 BBL GEL/POP/BEAD SWEEP. WASH/DRILL 7 JTS 2-7/8" PH-6 TBG. TAG CFP #28 @ 13,548' (TM). DRILL PLUG IN 35 MINS. PUMP RATE: 5.0 BPM W/ 2400 PSI. RETURN RATE: 6.0 BPM W/ 650 PSI. PUMP 30 BBL GEL/POP/BEAD SWEEP. WASH TO TAG CFP #29.
05:30	06:00	0.50	P	WOR	28	SFTYMTG	CONDUCT DAY CREW SAFETY MEETING. DISCUSS JSA'S & SCOPE OF DAYLIGHT OPERATIONS.

Daily Operations Comments:
NO ACCIDENTS, NO INJURIES, NO UNSCHEDULED DOWNTIME.

<div><div>EP ENERGY</div><div><div>Daily Operations</div><div>Report Onshore</div></div></div>			Well Name/Wellbore No.: UNIVERSITY EAST 4109EH/OH			Report Number: 016 Report Date: 07/17/2014 Spud Date: 05/02/2014 Release Date: DOE: 40DOL: 16AFE Days: 10.00 Last BOP T.:CSG Test: Safety & Environmental Incident: No					
24 Hr Forecast:			WASH/DRILL REMAINING PLUGS, CIRCULATE BOTTOMS UP, LD WORK STRING. MIRU SNUBBING UNIT SNUB OOH. RDMO SNUBBING UNIT. MIRU ELINE UNIT PREP TO RUN GAUGE RING & PACKER.								
DAILY COSTS			FLUIDS			COMPLETION STRING DETAILS					
Code	Description	Cost	Fluids Co:			Down Hole Tool Co:		Tool Sup:			
111	LOCATION PREPARATION	270	Fluids Eng:			Qty	Description	IDODTop Set			
125	DRILLING/SERVICE RIG - DAYRATE	2,790	Pit Temp:								
125	DRILLING/SERVICE RIG - DAYRATE	17,135	Density:								
			Brine Type:								
			Gel Type:								
			Viscosity:								
132	DISPOSAL - CUTTINGS, FLUIDS	2,139	Nitrogen:								
133	WATER	1,275	NTU:								
134	FRAC TANK RENTAL	25	FLOWBACK								
134	FRAC TANK RENTAL	150	Gas Rate:								
141	MUD and CHEMICALS	7,500	Choke Size:								
142	SOLIDS CONTROL RENTAL EQUIPMENT	350	Avg. Tbg. Press:								
151	DRILLSTRING/WORKSTRING RENTAL EQUIPMENT	7,480	Avg. Csg. Press:								
154	WELL CONTROL RENTALS	1,500	Fluid Rate (Water):								
154	WELL CONTROL RENTALS	175	Fluid Rate (Oil):								
154	WELL CONTROL RENTALS	160	Tot. Load Recovered:								
154	WELL CONTROL RENTALS	576	CASING								
154	WELL CONTROL RENTALS	3,000	Size(in)	MD(ft)/TVD(ft)	LOT(ppg)						
155	OFFICE, SEWAGE AND MISC RENTALS	450		/							
155	OFFICE, SEWAGE AND MISC RENTALS	1,340	14.000	69.00 / 69.00							
			9.625	1,008.00 / 1,008.00							
157	SAFETY/MEDICAL	1,100	9.625	984.00 / 984.00							
				/							
			9.625	984.00 / 984.00							
PERFORATIONS											
Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)				Separation Method	Comments	



Country: USA
State: TEXAS
Field: WOLFCAMP EAST
Supervisors: CARMINE FAYE / KENNY COPELAND
Engineer/Manager: ELLIS, PRESTON / LLOYD BARRY

Report Number: 017
Report Date: 07/18/2014
Spud Date: 05/02/2014
Release Date:
DOE: 41 DOL: 17 AFE Days: 10.00
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,677.51
2,648.0
POB: 30 Manhours: 288.00

	Drlg	Comp	FAC	Total
AFE #:		160515/51348		
Day Cost(\$):	0	57,019	0	57,019
Cum cost(\$):	0	2,966,056	0	2,966,056
AFE(\$):	1,828,950	3,955,500	330,000	6,114,450

Current Activity:	MIRU ARK-LA-TEX ELINE UNIT.
24 Hr Summary:	DRILL CFP'S & WASH TO PBTD. CIRC HOLE CLEAN. LD WORK STRING TO CURVE. CIRC HOLE CLEAN. LD WORK STRING TO SNUB DEPTH. MIRU SNUB UNIT. SNUB OOH W/ TBG & BIT. RDMO SU. MIRU EL UNIT. FLUSH & DISPLACE WELL W/KCL WTR. PREP TO RUN JB-GR.
24 Hr Forecast:	RIH W/ JB-GR. RIH & SET PKR. RDMO ELU. PU & TIH W/ PROD TBG & GLV'S. SPACE OUT & LAND TBG. ND BOP STACK. NU & TEST PROD TREE. TEST TBG & CSG. PUMP OUT PO PLUG. RDMO WO RIDG.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	08:00	2.00	P	WOR	40	WASH	WASH/DRILL 9 JTS 2-7/8" PH-6 TBG. TAG CFP #29 @ 13,805' (TM). DRILL PLUG IN 15 MINS. PUMP RATE: 5 BPM W/ 2500 PSI. RETURN RATE: 6 BPM W/ 700 PSI. PUMP 20+30 BBL GEL SWEEP.WASH/DRILL 7 JTS 2-7/8" PH-6 TBG. TAG CFP #30 @ 14,048' (TM). DRILL PLUG IN 15 MINS. PUMP RATE: 5 BPM W/ 2500 PSI. RETURN RATE: 6 BPM W/ 700 PSI. PUMP 30+20 BBL GEL SWEEP.WASH/DRILL 8 JTS 2-7/8" PH-6 TBG. TAG CFP #31 @ 14,297' (TM). DRILL PLUG IN 15 MINS. PUMP RATE: 5 BPM W/ 2500 PSI. RETURN RATE: 6 BPM W/ 700 PSI. PUMP 30 BBL GEL SWEEP. WASH/DRILL 8 JTS TO PBTD @ 14,570' (TM).
08:00	10:00	2.00	P	WOR	06	CIRC	PUMP & CIRCULATE 30 BBL 120CP VIS GEL SWEEP, 60 BBL SPACER, 30 BBL 120CP VIS GEL SWEEP, 60 BBL SPACER, & 30 BBL 120CP VIS GEL SWEEP @ 5.0 BPM W/ 2500 PSI. RETURN RATE: 6.0 BPM W/ 700 PSI. SLUG TUBING W/ 50BBLs 2% KCL WATER. RD & HANG POWER SWIVEL.
10:00	15:00	5.00	P	WOR	24	PULD	POH & LD 279 JTS 2-7/8" PH-6 TUBING TO THE CURVE. EOT @ 5,925' (TM).
15:00	17:00	2.00	P	WOR	06	CIRC	R/U POWER SWIVEL AND CIRCULATE TWO 30 BBL GEL SWEEPS TO CLEAN HOLE. SI WELL. RDMO POWER SWIVEL. SICP 815 PSI.
17:00	17:30	0.50	P	WOR	24	PULD	POH & LD 22 JTS 2 7/8" WORK STRING. EOT @ 1468' (TM).
17:30	18:00	0.50	P	WOR	28	SFTYMTG	HSM. DISCUSS JSA'S, SAFETY, & SCOPE OF NIGHT OPERATIONS.
18:00	19:20	1.33	P	WOR	24	PULD	POH & LD 122 JTS 2 7/8" WORK STRING. EOT @ 1468' (TM).
19:20	20:10	0.83	P	WOR	18	OTHR	ND MUELLER HEAD. CONNECT SLIP RAMS HYDRAULICS. RD RIG FLOOR. PREP TO SNUB.
20:10	21:35	1.42	N	WOR	42	WOEP	W/O GREAT WHITE SNUB UNIT.
21:35	21:55	0.33	P	WOR	28	SFTYMTG	CONDUCT SNUB SAFETY MEETING. DISCUSS SU RIG UP & SNUB OPERATIONS.
21:55	23:45	1.83	P	MIRU	01	MIRU	MIRU GREAT WHITE MINI-ASSIST SNUB UNIT.
23:45	00:55	1.17	P	WOR	36	SFEQ	PRESSURE TEST SNUB STACK 250 LOW/1500 PSI HIGH. TEST GOOD.
00:55	02:40	1.75	P	WOR	24	PULD	SICP: 820 PSI. SNUB OOH W/ 46 JTS 2-7/8" PH-6 TBG, FLOAT SUB, ONE JT 2-7/8" PH-6 TBG, BIT/FLOAT SUB COMBO, & BIT. SI WELL.
02:40	03:50	1.17	P	RDMO	02	RDMO	RD TBG TONGS. RDMO SNUB UNIT.
03:50	05:30	1.67	P	MIRU	01	MIRU	RU RIG FLOOR. MIRU ARK-LA-TEX EL UNIT & LUBRICATOR.
05:30	06:00	0.50	P	WOR	28	SFTYMTG	HSM. DISUCSS JSA'S, SAFETY, & SCOPE OF DAY OPERATIONS.

NO ACCIDENTS, NO INJURIES, NO UNSCHEDULED DOWNTIME.

DAILY COSTS			FLUIDS			COMPLETION STRING DETAILS				
Code	Description	Cost	Fluids Co:			Down Hole Tool Co:		Tool Sup:		
125	DRILLING/SERVICE RIG - DAYRATE	17,345	Fluids Eng:			Qty	Description	ID	OD	Top Set
125	DRILLING/SERVICE RIG - DAYRATE	2,790	Pit Temp:							
127	SNUBBING UNIT / HWO	6,262	Density:							
132	DISPOSAL - CUTTINGS, FLUIDS	3,361	Brine Type:							
133	WATER	1,105	Gel Type:							
134	FRAC TANK RENTAL	25	Viscosity:							
134	FRAC TANK RENTAL	150	Nitrogen:							
141	MUD and CHEMICALS	3,750	NTU:							
142	SOLIDS CONTROL RENTAL EQUIPMENT	350	FLOWBACK							
151	DRILLSTRING/WORKSTRING RENTAL EQUIPMENT	8,380	Gas Rate:							
154	WELL CONTROL RENTALS	3,000	Choke Size:							
154	WELL CONTROL RENTALS	160	Avg. Tbg. Press:							
154	WELL CONTROL RENTALS	1,500	Avg. Csg. Press:							
154	WELL CONTROL RENTALS	576	Fluid Rate (Water):							
154	WELL CONTROL RENTALS	175	Fluid Rate (Oil):							
155	OFFICE, SEWAGE AND MISC RENTALS	450	Tot. Load Recovered:							
155	OFFICE, SEWAGE AND MISC RENTALS	1,340	CASING							
157	SAFETY/MEDICAL	1,100	Size(in)	MD(ft)/TVD(ft)	LOT(ppg)					
				/						
			14.000	69.00 / 69.00						
			9.625	1,008.00 / 1,008.00						
			9.625	984.00 / 984.00						
				/						
			9.625	984.00 / 984.00						

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments
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<div><div>EPENERGY</div><div>Daily Operations Report Onshore</div></div>						Well Name/Wellbore No.: UNIVERSITY EAST 4109EH/OH				Report Number: 017 Report Date: 07/18/2014 Spud Date: 05/02/2014 Release Date: DOE: 41 DOL: 17 AFE Days: 10.00 Last BOP T.: CSG Test: Safety & Environmental Incident: No													
Event: COMPLETION LAND Safety Meeting Topic:						Rig: Rig Phone: RKB (Sea Level) (ft): 2,677.51 2,648.0 POB: 30 Manhours: 288.00			Drig		Comp		FAC		Total								
Location: Lat: 31° 1' 17.92892 N Long: 101° 10' 9.59800 W									AFE #:		160515/51348												
									Day Cost(\$):		0		57,019		57,019								
									Cum Cost(\$)		0		2,966,056		2,966,056								
									AFE(\$):		1,828,950		3,955,500		6,114,450								
Current Activity: MIRU ARK-LA-TEX ELINE UNIT.																							
24 Hr Summary: DRILL CFP'S & WASH TO PBTD. CIRC HOLE CLEAN. LD WORK STRING TO CURVE. CIRC HOLE CLEAN. LD WORK STRING TO SNUB DEPTH. MIRU SNUB UNIT. SNUB OOH W/ TBG & BIT. RDMO SU. MIRU EL UNIT. FLUSH & DISPLACE WELL W/KCL WTR. PREP TO RUN JB-GR.																							
24 Hr Forecast: RIH W/ JB-GR. RIH & SET PKR. RDMO ELU. PU & TIH W/ PROD TBG & GLV'S. SPACE OUT & LAND TBG. ND BOP STACK. NU & TEST PROD TREE. TEST TBG & CSG. PUMP OUT PO PLUG. RDMO WO RIG.																							
OPERATION DETAILS																							
FROM		TO		HRS		OP CODE		PHASE		CODE		ACTIVITY		DESCRIPTION									
						P		WOR		18		OTHR		DAILY WTR TO DISPOSAL/RECLAIM: 650 BBLs. CUMMULATIVE WTR TO DISPOSAL/RECLAIM: 1300 BBLs.									
06:00		08:00		2.00		P		WOR		40		WASH		WASH/DRILL 9 JTS 2-7/8" PH-6 TBG. TAG CFP #29 @ 13,805' (TM). DRILL PLUG IN 15 MINS. PUMP RATE: 5 BPM W/ 2500 PSI. RETURN RATE: 6 BPM W/ 700 PSI. PUMP 20+30 BBL GEL SWEEP.WASH/DRILL 7 JTS 2-7/8" PH-6 TBG. TAG CFP #30 @ 14,048' (TM). DRILL PLUG IN 15 MINS. PUMP RATE: 5 BPM W/ 2500 PSI. RETURN RATE: 6 BPM W/ 700 PSI. PUMP 30+20 BBL GEL SWEEP.WASH/DRILL 8 JTS 2-7/8" PH-6 TBG. TAG CFP #31 @ 14,297' (TM). DRILL PLUG IN 15 MINS. PUMP RATE: 5 BPM W/ 2500 PSI. RETURN RATE: 6 BPM W/ 700 PSI. PUMP 30 BBL GEL SWEEP. WASH/DRILL 8 JTS TO PBTD @ 14,570' (TM).									
08:00		10:00		2.00		P		WOR		06		CIRC		PUMP & CIRCULATE 30 BBL 120CP VIS GEL SWEEP, 60 BBL SPACER, 30 BBL 120CP VIS GEL SWEEP, 60 BBL SPACER, & 30 BBL 120CP VIS GEL SWEEP @ 5.0 BPM W/ 2500 PSI. RETURN RATE: 6.0 BPM W/ 700 PSI. SLUG TUBING W/ 50BBLs 2% KCL WATER. RD & HANG POWER SWIVEL.									
10:00		15:00		5.00		P		WOR		24		PULD		POH & LD 279 JTS 2-7/8" PH-6 TUBING TO THE CURVE. EOT @ 5,925' (TM).									
15:00		17:00		2.00		P		WOR		06		CIRC		R/U POWER SWIVEL AND CIRCULATE TWO 30 BBL GEL SWEEPS TO CLEAN HOLE. SI WELL. RDMO POWER SWIVEL. SICP 815 PSI.									
17:00		17:30		0.50		P		WOR		24		PULD		POH & LD 22 JTS 2 7/8" WORK STRING. EOT @ 1468' (TM).									
17:30		18:00		0.50		P		WOR		28		SFTYMTG		HSM. DISCUSS JSA'S, SAFETY, & SCOPE OF NIGHT OPERATIONS.									
18:00		19:20		1.33		P		WOR		24		PULD		POH & LD 122 JTS 2 7/8" WORK STRING. EOT @ 1468' (TM).									
19:20		20:10		0.83		P		WOR		18		OTHR		ND MUELLER HEAD. CONNECT SLIP RAMS HYDRAULICS. RD RIG FLOOR. PREP TO SNUB.									
20:10		21:35		1.42		N		WOR		42		WOEP		W/O GREAT WHITE SNUB UNIT.									
21:35		21:55		0.33		P		WOR		28		SFTYMTG		CONDUCT SNUB SAFETY MEETING. DISCUSS SU RIG UP & SNUB OPERATIONS.									
21:55		23:45		1.83		P		MIRU		01		MIRU		MIRU GREAT WHITE MINI-ASSIST SNUB UNIT.									
23:45		00:55		1.17		P		WOR		36		SFEQ		PRESSURE TEST SNUB STACK 250 LOW/1500 PSI HIGH. TEST GOOD.									
00:55		02:40		1.75		P		WOR		24		PULD		SICP: 820 PSI. SNUB OOH W/ 46 JTS 2-7/8" PH-6 TBG, FLOAT SUB, ONE JT 2-7/8" PH-6 TBG, BIT/FLOAT SUB COMBO, & BIT. SI WELL.									
02:40		03:50		1.17		P		RDMO		02		RDMO		RD TBG TONGS. RDMO SNUB UNIT.									
03:50		05:30		1.67		P		MIRU		01		MIRU		RU RIG FLOOR. MIRU ARK-LA-TEX EL UNIT & LUBRICATOR.									
05:30		06:00		0.50		P		WOR		28		SFTYMTG		HSM. DISUCSS JSA'S, SAFETY, & SCOPE OF DAY OPERATIONS.									
Daily Operations Comments:																							
NO ACCIDENTS, NO INJURIES, NO UNSCHEDULED DOWNTIME.																							
DAILY COSTS						FLUIDS						COMPLETION STRING DETAILS											
Code		Description				Cost		Fluids Co:						Down Hole Tool Co:				Tool Sup:					
125		DRILLING/SERVICE RIG - DAYRATE				17,345		Fluids Eng:						Qty		Description		ID(in)		OD		Top Set(ft)	
125		DRILLING/SERVICE RIG - DAYRATE				2,790		Pit Temp:						1		Wellbore Equipment, Wireline Re-entry, ", pp		2.438				26.00	
127		DRILLING/SERVICE RIG - DAYRATE				6,262		Density:						1		Tubing, Tubing Pup Joint, ", 6.50 ppf, L-80, ,		2.438		2.875		26.45	
127		SNUBBING UNIT / HWO						Brine Type:						1		Packer, Retrievable, ", ppf, , ,		2.500		4.625		36.45	
132		DISPOSAL - CUTTINGS, FLUIDS				3,361		Gel Type:						1		Wellbore Equipment, Profile Stinger, ", ppf, ,		2.313		3.188		43.35	
								Viscosity:						1		Wellbore Equipment, On-Off Tool, ", ppf, , ,		2.500		4.500		43.72	
								Nitrogen:						1		Tubing, Tubing, ", 6.50 ppf, L-80, ,		2.438		2.875		45.22	
133		WATER				1,105		NTU:						1		#1Mandrel, Gaslift Mandrel, ", ppf, , ,		2.438		2.875		77.89	
134		FRAC TANK RENTAL				25		FLOWBACK						16		Tubing, Tubing, ", 6.50 ppf, L-80, ,		2.438		2.875		81.99	
134		FRAC TANK RENTAL				150		Gas Rate:						1		#3 Mandrel, Gaslift Mandrel, ", ppf, , ,		2.438		2.875		604.79	
141		MUD and CHEMICALS				3,750		Choke Size:						16		Tubing, Tubing, ", 6.50 ppf, L-80, ,		2.438		2.875		608.89	
142		SOLIDS CONTROL RENTAL EQUIPMENT				350		Avg. Tbg. Press:						1		#4 Mandrel, Gaslift Mandrel, ", ppf, , ,		2.438		2.875		1,131.31	
151		DRILLSTRING/WORKSTRING RENTAL EQUIPMENT				8,380		Avg. Csg. Press:						15		Tubing, Tubing, ", 6.50 ppf, L-80, ,		2.438		2.875		1,135.41	
154		WELL CONTROL RENTALS				3,000		Fluid Rate (Water):						1		#5 Mandrel, Gaslift Mandrel, ", ppf, , ,		2.438		2.875		1,625.34	
154		WELL CONTROL RENTALS				160		Fluid Rate (Oil):						15		Tubing, Tubing, ", 6.50 ppf, L-80, ,		2.438		2.875		1,629.44	
154		WELL CONTROL RENTALS				1,500		Tot. Load Recovered:						1		#6 Mandrel, Gaslift Mandrel, ", ppf, , ,		2.438		2.875		2,119.35	
154		WELL CONTROL RENTALS				576		CASING						15		Tubing, Tubing, ", 6.50 ppf, L-80, ,		2.438		2.875		2,123.45	
154		WELL CONTROL RENTALS				175		Size(in)						1		#7 Mandrel, Gaslift Mandrel, ", ppf, , ,		2.438		2.875		2,614.37	
155		OFFICE, SEWAGE AND MISC RENTALS				450		MD(ft)/TVD(ft)						15		Tubing, Tubing, ", 6.50 ppf, L-80, ,		2.438		2.875		2,618.47	
155		OFFICE, SEWAGE AND MISC RENTALS				1,340		LOT(ppg)						1		#9 Mandrel, Gaslift Mandrel, ", ppf, , ,		2.438		2.875		3,108.19	
157		SAFETY/MEDICAL				1,100		/						16		Tubing, Tubing, ", 6.50 ppf, L-80, ,		2.438		2.875		3,112.29	
								14.000						1		#10 Mandrel, Gaslift Mandrel, ", ppf, , ,		2.438		2.875		3,631.98	
								9.625						15		Tubing, Tubing, ", 6.50 ppf, L-80, ,		2.438		2.875		3,636.08	
								9.625						1		Tubing, Tubing Pup Joint, ", 6.50 ppf, L-80, ,		2.438		2.875		4,125.76	
								/						15		Tubing, Tubing Pup Joint, ", 6.50 ppf, L-80, ,		2.438		2.875		4,129.86	
								9.625						1		Tubing, Tubing Pup Joint, ", 6.50 ppf, L-80, ,		2.438		2.875		4,617.18	
PERFORATIONS																							
Date		Stage		Top		Bottom		SPF(ft)		FG/BHP(ft)		Separation Method				Comments							