

**Enduring Resources II, LLC**

511 16th St - Suite 700  
Denver, CO 80202  
(303) 573-1222

**Drilling Chronological**  
**Regulatory**

Well Name: UNIVERSITY BLOCK 48, #1809H									
Field Name:	Lin (Wolfcamp)	S/T/R:	//	County, State:					
Operator:	Enduring Resources, LLC	Location Desc:			District:	Southern			
Project AFE:	DV02108	AFEs Associated:	/ / /						
Daily Summary									
Activity Date :	7/28/2013	Days From Spud :	0	Current Depth :	0 Ft	24 Hr. Footage Made :	0 Ft		
Rig Company :				Rig Name:					
Formation :				Weather:					
Operations									
Start	Hrs	Code	Remarks			Start Depth	End Depth	Run	
6:00	24.00	01	Moved & set up company housing, Welder installed GE multi bowl wellhead. Lowered sub bases , derrick and continued rig down in preparation for trucks this morning, Heavy rains in the area have delayed some local moves. We were informed late Saturday evening that movers may have a few trucks available this afternoon to begin move, but the majority will be here Monday morning.			0	0	NIH	
Total:	24.00								
Daily Summary									
Activity Date :	7/29/2013	Days From Spud :	0	Current Depth :	0 Ft	24 Hr. Footage Made :	0 Ft		
Rig Company :				Rig Name:					
Formation :				Weather:					
Operations									
Start	Hrs	Code	Remarks			Start Depth	End Depth	Run	
6:00	24.00	01	Waited on trucks, Rigging down , general rig maintainance.			0	0	NIH	
Total:	24.00								
Daily Summary									
Activity Date :	7/30/2013	Days From Spud :	0	Current Depth :	0 Ft	24 Hr. Footage Made :	0 Ft		
Rig Company :				Rig Name:					
Formation :				Weather:					
Operations									
Start	Hrs	Code	Remarks			Start Depth	End Depth	Run	
6:00	24.00	01	Move in & set up - Rig is 100% moved. 60% rigged up No activity			0	0	NIH	
Total:	24.00								
Daily Summary									
Activity Date :	7/31/2013	Days From Spud :	0	Current Depth :	0 Ft	24 Hr. Footage Made :	0 Ft		
Rig Company :				Rig Name:					
Formation :				Weather:					
Operations									
Start	Hrs	Code	Remarks			Start Depth	End Depth	Run	
6:00	24.00	01	Finished rigging up, tested equipment. Rig was accepted to working day at 16:00 hrs 7-30-2013. Nipped up and tested BOPS, Currently hooking up fill up lines and centering stack.			0	0	NIH	
Total:	24.00								

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Field Name:	Lin (Wolfcamp)	S/T/R:	//	County,State:					
Operator:	Enduring Resources, LLC	Location Desc:			District:	Southern			
Daily Summary									
Activity Date :	8/1/2013	Days From Spud :	-1	Current Depth :	1286 Ft	24 Hr. Footage Made :	1286 Ft		
Rig Company :				Rig Name:					
Formation :				Weather:					
Operations									
Start	Hrs	Code	Remarks			Start Depth	End Depth	Run	
6:00	24.00	02	Finished nipping up BOPS, P/U directional tools & RIH to 847' , tested casing to 500 psi, drilled out shoe track to 898', drilled to 1125', ran gyro survey, drilled to 1286', worked on pumps a total of 3 hrs due to trash under valves, 388' drilled (sliding & rotating)in 5.5 hrs			0	1286	NIH	
Total:	24.00								
Daily Summary									
Activity Date :	8/2/2013	Days From Spud :	1	Current Depth :	3105 Ft	24 Hr. Footage Made :	1819 Ft		
Rig Company :				Rig Name:					
Formation :				Weather:					
Operations									
Start	Hrs	Code	Remarks			Start Depth	End Depth	Run	
6:00	24.00	02	Drilled rotating & sliding as needed to hold tangent from 1286' to 3105' (1819' in 24 hrs drilling time).			1286	3105	NIH	
Total:	24.00								
Daily Summary									
Activity Date :	8/3/2013	Days From Spud :	2	Current Depth :	4825 Ft	24 Hr. Footage Made :	1720 Ft		
Rig Company :				Rig Name:					
Formation :				Weather:					
Operations									
Start	Hrs	Code	Remarks			Start Depth	End Depth	Run	
6:00	24.00	02	Drilled rotating & sliding as needed to maintain directional plan f/ 3105' to 4825' (1720' in 22 hrs drilling time) Currently making a wiper trip to surface to L/D directional tools prior to running open hole logs & intermediate casing.			3105	4825	NIH	
Total:	24.00								
Daily Summary									
Activity Date :	8/4/2013	Days From Spud :	3	Current Depth :	4825 Ft	24 Hr. Footage Made :	0 Ft		
Rig Company :				Rig Name:					
Formation :				Weather:					
Operations									
Start	Hrs	Code	Remarks			Start Depth	End Depth	Run	
6:00	24.00	23	Finished wiper trip to surface (with no issues) L/D directional tools, RIH, pumped sweep & spot LCM pill,TOH, Rigged up ran Weatherford triple combo logs. R/U running 9 5/8" casing to 4607' at report time.			4825	4825	NIH	
Total:	24.00								
Daily Summary									
Activity Date :	8/5/2013	Days From Spud :	4	Current Depth :	5079 Ft	24 Hr. Footage Made :	254 Ft		
Rig Company :				Rig Name:					
Formation :				Weather:					
Operations									
Start	Hrs	Code	Remarks			Start Depth	End Depth	Run	
6:00	24.00	02	Finished running 9 5/8" casing & cemented w/ no issues. Circulated 40 bbls cement to surface. Set & tested hanger pack off to 5000 psi , P/U directional tools & tested same. RIH to 4767'& tested casing to 3000 psi, drilled out shoe track and have drilled new hole from 4825' to 5079' in 2.5 hrs drilling time. (254' at 101.6 fph)			4825	5079	NIH	
Total:	24.00								

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Field Name:	Lin (Wolfcamp)		S/T/R:	//		County, State:			
Operator:	Enduring Resources, LLC		Location Desc:			District:	Southern		
Daily Summary									
Activity Date :	8/6/2013	Days From Spud :	5	Current Depth :	6396 Ft	24 Hr. Footage Made :	1317 Ft		
Rig Company :				Rig Name:					
Formation :				Weather:					
Operations									
Start	Hrs	Code	Remarks			Start Depth	End Depth	Run	
6:00	24.00	02	Drill Slide & Rotate 5079 - 6741, (1,662' In 21.5 Hours) KOP @ 6396, Building Curve			5079	6396	NIH	
Total:	24.00								
Daily Summary									
Activity Date :	8/7/2013	Days From Spud :	6	Current Depth :	7618 Ft	24 Hr. Footage Made :	1222 Ft		
Rig Company :				Rig Name:					
Formation :				Weather:					
Operations									
Start	Hrs	Code	Remarks			Start Depth	End Depth	Run	
6:00	24.00	02	Drill Slide & Rotate 6741 - 7618, (877' In 24 Hours), Building Curve And Turn (Slide 14.5 Hours, 519') (Rotate 9.5 Hours, 357')			6396	7618	NIH	
Total:	24.00								
Daily Summary									
Activity Date :	8/8/2013	Days From Spud :	7	Current Depth :	8764 Ft	24 Hr. Footage Made :	1146 Ft		
Rig Company :				Rig Name:					
Formation :				Weather:					
Operations									
Start	Hrs	Code	Remarks			Start Depth	End Depth	Run	
6:00	24.00	02	Drill Slide & Rotate 7618 - 8764, (1146' In 11.5 Hours), (Slide 1.5 Hours, 60') (Rotate 10 Hours, 1086') TOOH, Change Out BHA To Lateral Assembly, Start TIH			7618	8764	NIH	
Total:	24.00								
Daily Summary									
Activity Date :	8/9/2013	Days From Spud :	8	Current Depth :	10598 Ft	24 Hr. Footage Made :	1834 Ft		
Rig Company :				Rig Name:					
Formation :				Weather:					
Operations									
Start	Hrs	Code	Remarks			Start Depth	End Depth	Run	
6:00	24.00	02	Finish TIH, Drill Slide & Rotate 8764 - 10598, (1834' In 17.5 Hours), (Slide 2.5 Hours, 95') (Rotate 10 Hours, 1739')			8764	10598	NIH	
Total:	24.00								
Daily Summary									
Activity Date :	8/10/2013	Days From Spud :	9	Current Depth :	12542 Ft	24 Hr. Footage Made :	1944 Ft		
Rig Company :				Rig Name:					
Formation :				Weather:					
Operations									
Start	Hrs	Code	Remarks			Start Depth	End Depth	Run	
6:00	24.00	02	Drill Slide & Rotate 10598 - 12542, (1944' In 24 Hours), (Slide 6 Hours, 102') (Rotate 18 Hours, 1842')			10598	12542	NIH	
Total:	24.00								

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Field Name:	Lin (Wolfcamp)	S/T/R:	//	County, State:					
Operator:	Enduring Resources, LLC	Location Desc:			District:	Southern			
Daily Summary									
Activity Date :	8/11/2013	Days From Spud :	10	Current Depth :	13419 Ft	24 Hr. Footage Made :	877 Ft		
Rig Company :				Rig Name:					
Formation :				Weather:					
Operations									
Start	Hrs	Code	Remarks			Start Depth	End Depth	Run	
6:00	24.00	02	Drill Slide & Rotate 12542 - 13419, (877' In 13.5 Hours), (Slide 4.5 Hours, 80') (Rotate 9 Hours, 797') Pump Pressure Increase, TOOH			12542	13419	NIH	
Total:	24.00								
Daily Summary									
Activity Date :	8/12/2013	Days From Spud :	11	Current Depth :	14079 Ft	24 Hr. Footage Made :	660 Ft		
Rig Company :				Rig Name:					
Formation :				Weather:					
Operations									
Start	Hrs	Code	Remarks			Start Depth	End Depth	Run	
6:00	24.00	02	Change Out Mud Motor & MWD, TIH, Drill Slide & Rotate 13419 - 14079, (660' In 9.5 Hours), (Slide 3 Hours, 35') (Rotate 6.5 Hours, 625)			13419	14079	NIH	
Total:	24.00								
Daily Summary									
Activity Date :	8/13/2013	Days From Spud :	12	Current Depth :	15160 Ft	24 Hr. Footage Made :	1081 Ft		
Rig Company :				Rig Name:					
Formation :				Weather:					
Operations									
Start	Hrs	Code	Remarks			Start Depth	End Depth	Run	
6:00	24.00	02	Drilled from 14079' to 15160' TD in 15 hrs drilling time. Circulated hole clean, TOH 10 stds to check hole condition, continued laying down drill pipe to 10538' at report time.			14079	15160	NIH	
Total:	24.00								
Daily Summary									
Activity Date :	8/14/2013	Days From Spud :	13	Current Depth :	15160 Ft	24 Hr. Footage Made :	0 Ft		
Rig Company :				Rig Name:					
Formation :				Weather:					
Operations									
Start	Hrs	Code	Remarks			Start Depth	End Depth	Run	
6:00	24.00	01	Finished laying down drill string, Rigged up & running 5.5" production csg to 7500' at report time with no issues.			15160	15160	NIH	
Total:	24.00								
Daily Summary									
Activity Date :	8/15/2013	Days From Spud :	14	Current Depth :	15160 Ft	24 Hr. Footage Made :	0 Ft		
Rig Company :				Rig Name:					
Formation :				Weather:					
Operations									
Start	Hrs	Code	Remarks			Start Depth	End Depth	Run	
6:00	24.00	23	Finished running 5.5" prod csg to 15160' , circulated as per Davis Lynch procedure, cemented with no issues, circ approx 100 bbls cement to surface. Currently cleaning mud tanks and nipping down BOPs. Casing and cement report to follow.			15160	15160	NIH	
Total:	24.00								

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Field Name:	Lin (Wolfcamp)			S/T/R:	//			County,State:			
Operator:	Enduring Resources, LLC			Location Desc:				District:	Southern		
Daily Summary											
Activity Date :	8/16/2013		Days From Spud :	15		Current Depth :	15160 Ft		24 Hr. Footage Made :	0 Ft	
Rig Company :						Rig Name:					
Formation :						Weather:					
Operations											
Start	Hrs	Code	Remarks					Start Depth	End Depth	Run	
6:00	24.00	01	Nippled down & set csg slips (140K). Installed & tested tbg head to 5000 psi, finished cleaning mud tanks, Rig released to mobilization rate at 18:00hrs 8-15-2013. Trucks scheduled to begin rig move this morning along with company housing.					15160	15160	NIH	
Total:	24.00										

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