

**Enduring Resources II, LLC**

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

**Drilling Chronological
Regulatory**

Well Name: UNIVERSITY 48 #0704H									
Field Name:	Lin (Wolfcamp)	S/T/R:	//	County, State:					
Operator:	Enduring Resources, LLC	Location Desc:			District:	Southern			
Project AFE:	DV02081	AFEs Associated:	/ / /						
Daily Summary									
Activity Date :	7/14/2013	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	Continued rigging up and modifying rig components to accommodate OBM. NU and tested BOP's.			0	0	NIH	
Total:	24.00								
Daily Summary									
Activity Date :	7/15/2013	Days From Spud :	0	Current Depth :	946 Ft	24 Hr. Footage Made :	946 Ft		
Rig Company :				Rig Name:					
Formation :				Weather:					
Operations									
Start	Hrs	Code	Remarks			Start Depth	End Depth	Run	
6:00	24.00	02	Completed rig up and function testing of equipment, RIH with 12.25 bit, tagged at 946', displaced hole with OBM, tested csg to 500 psi, drilling out float equipment at report time.			0	946	NIH	
Total:	24.00								
Daily Summary									
Activity Date :	7/16/2013	Days From Spud :	0	Current Depth :	1354 Ft	24 Hr. Footage Made :	408 Ft		
Rig Company :				Rig Name:					
Formation :				Weather:					
Operations									
Start	Hrs	Code	Remarks			Start Depth	End Depth	Run	
6:00	24.00	02	Drilled out 13 3/8 shoe from 963' to 1017', ran gyro survey, TOH, LD 12.25 bit, Made up 8.75 directional BHA and TIH. Drilled, rotating and sliding as needed f/ 1017' to 1277'. Flowline parted. Repaired flowline and resumed drilling from 1277' to 1354'. drilling ahead at report time. Centrifuge not operational. Replacement centrifuge being installed this morning.			946	1354	NIH	
Total:	24.00								
Daily Summary									
Activity Date :	7/17/2013	Days From Spud :	0	Current Depth :	3204 Ft	24 Hr. Footage Made :	1850 Ft		
Rig Company :				Rig Name:					
Formation :				Weather:					
Operations									
Start	Hrs	Code	Remarks			Start Depth	End Depth	Run	
6:00	24.00	02	Drilled, rotating and sliding as needed, f/ 1354' to 3204'.			1354	3204	NIH	
Total:	24.00								

Well Name: UNIVERSITY 48 #0704H									
Field Name:	Lin (Wolfcamp)	S/T/R:	//	County, State:					
Operator:	Enduring Resources, LLC	Location Desc:			District:	Southern			
Daily Summary									
Activity Date :	7/18/2013	Days From Spud :	0	Current Depth :	5300 Ft	24 Hr. Footage Made :	2096 Ft		
Rig Company :				Rig Name:					
Formation :				Weather:					
Operations									
Start	Hrs	Code	Remarks			Start Depth	End Depth	Run	
6:00	24.00	02	Daily Summary: Drilled, rotating and sliding as needed from 3204' to 5300' (2096' at 93 ft/hr).			3204	5300	NIH	
Total:	24.00								
Daily Summary									
Activity Date :	7/19/2013	Days From Spud :	0	Current Depth :	6129 Ft	24 Hr. Footage Made :	829 Ft		
Rig Company :				Rig Name:					
Formation :				Weather:					
Operations									
Start	Hrs	Code	Remarks			Start Depth	End Depth	Run	
6:00	24.00	02	Summary: Drilled, rotating and sliding as needed from 5300' to 5983', Progress slowed, POOH, PU new bit, TIH and drilled from 5983' to 6129'.			5300	6129	NIH	
Total:	24.00								
Daily Summary									
Activity Date :	7/20/2013	Days From Spud :	0	Current Depth :	6446 Ft	24 Hr. Footage Made :	317 Ft		
Rig Company :				Rig Name:					
Formation :				Weather:					
Operations									
Start	Hrs	Code	Remarks			Start Depth	End Depth	Run	
6:00	24.00	02	Summary: Drilled to KOP at 6446' and began building curve. Sliding 100%, building curve at report time.			6129	6446	NIH	
Total:	24.00								
Daily Summary									
Activity Date :	7/21/2013	Days From Spud :	0	Current Depth :	7402 Ft	24 Hr. Footage Made :	-804 Ft		
Rig Company :				Rig Name:					
Formation :				Weather:					
Operations									
Start	Hrs	Code	Remarks			Start Depth	End Depth	Run	
6:00	24.00	02	Drilled, sliding and rotating, building curve f/ 6830' to 7451' (621' at 29 fph). Bottom of curve at 7402' (7027.58 TVD). TOH for lateral assy at report time.			8206	7402	NIH	
Total:	24.00								
Daily Summary									
Activity Date :	7/22/2013	Days From Spud :	0	Current Depth :	8206 Ft	24 Hr. Footage Made :	804 Ft		
Rig Company :				Rig Name:					
Formation :				Weather:					
Operations									
Start	Hrs	Code	Remarks			Start Depth	End Depth	Run	
6:00	24.00	02	Summary: Pulled out of hole. LD curve assy and PU lateral assy. TIH to bottom. Drilled, rotating and sliding as needed to maintain course. Running centrifuge and drilling ahead at report time.			7402	8206	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 :	7/23/2013	Days From Spud :	0	Current Depth :	10270 Ft	24 Hr. Footage Made :	2064 Ft		
Rig Company :				Rig Name:					
Formation :				Weather:					
Operations									
Start	Hrs	Code	Remarks			Start Depth	End Depth	Run	
6:00	24.00	02	Drilled in lateral, rotating and sliding, as needed from 8206' to 8445' (4 hours drilling). Shut down twice to troubleshoot rig generators. Generators were shutting down intermittently due to overheating. Ensign mechanic adjusted load sharing and replaced some voltage cards. Continued drilling in lateral from 8445' to 10270' (1825' in 18 hours of drilling at 101 ft/hr.) with no further generator issues. Drilling ahead in lateral at report time with no reported issues.			8206	10270	NIH	
Total:	24.00								
Daily Summary									
Activity Date :	7/24/2013	Days From Spud :	0	Current Depth :	12375 Ft	24 Hr. Footage Made :	2105 Ft		
Rig Company :				Rig Name:					
Formation :				Weather:					
Operations									
Start	Hrs	Code	Remarks			Start Depth	End Depth	Run	
6:00	24.00	02	Daily Summary: Drilled, rotating and sliding as needed to maintain course from 10270' to 12375' (2105' in 23.5 hours at 90 ft/hr). Drilling ahead in lateral at report time with no reported issues.			10270	12375	NIH	
Total:	24.00								
Daily Summary									
Activity Date :	7/25/2013	Days From Spud :	0	Current Depth :	13330 Ft	24 Hr. Footage Made :	955 Ft		
Rig Company :				Rig Name:					
Formation :				Weather:					
Operations									
Start	Hrs	Code	Remarks			Start Depth	End Depth	Run	
6:00	24.00	02	Drilled, rotating and sliding as needed, to maintain course from 12375' to 13330' (955' in 21 hours at 45 ft/hr). 9.5 hours of sliding to maintain course. Drilling ahead in lateral at report time with no reported issues.			12375	13330	NIH	
Total:	24.00								
Daily Summary									
Activity Date :	7/26/2013	Days From Spud :	0	Current Depth :	14608 Ft	24 Hr. Footage Made :	1278 Ft		
Rig Company :				Rig Name:					
Formation :				Weather:					
Operations									
Start	Hrs	Code	Remarks			Start Depth	End Depth	Run	
6:00	24.00	02	Drilled f/13330 to 14608' (1278' in 24 hrs) sliding as needed to maintain course. PTD 15048'			13330	14608	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 :	7/27/2013	Days From Spud :	0	Current Depth :	15050 Ft	24 Hr. Footage Made :	442 Ft		
Rig Company :				Rig Name:					
Formation :				Weather:					
Operations									
Start	Hrs	Code	Remarks			Start Depth	End Depth	Run	
6:00	24.00	12	Drilled rotating f/14608 to 15050' TD (442' in 5 hours). Circulated sweep and TOH (using rig tongs) to run casing. Blew hydraulic seal on iron roughneck at 11203'. Shut down 1 hour during lightning storm. LD BHA and MWD tools and cleaned rig floor to RU and run 5 1/2" casing.			14608	15050	NIH	
Total:	24.00								
Daily Summary									
Activity Date :	7/28/2013	Days From Spud :	0	Current Depth :	15050 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	12	Finished LD BHA, hung block and slipped a total of 320' of drill line. Removed wear bushing and installed GE master bushing, RU casing crews and ran 338 jts of 5 1/2" casing with marker joints and flotation collar. Casing set at 15048'			15050	15050	NIH	
Total:	24.00								
Daily Summary									
Activity Date :	7/29/2013	Days From Spud :	0	Current Depth :	15050 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	12	RD casing tools and rigged up cementing head. Went through flotation collar procedure and bled air out of casing. Circulated well and performed cement job per program. Bumped plug on schedule and floats held. Had full returns during job and 272 bbls cement returns to surface. Flushed flowline and stack and raised BOPs to set slips.			15050	15050	NIH	
Total:	24.00								
Daily Summary									
Activity Date :	7/30/2013	Days From Spud :	0	Current Depth :	15050 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	Set slips, hung casing, installed tubinghead, blind flange and cleaned mud tanks. Released rig 1200hrs and rigged down to walk rig to 48-0713H			15050	15050	NIH	
Total:	24.00								
Formation									
Formation Name	Current Well Top	Subsea Datum	Ref Well Top	Elec Top	Comments				