



Enduring Resources II, LLC

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

Drilling Chronological Regulatory

Well Name: UNIVERSITY 09 #1803H										
Field Name:	Lin (Wolfcamp)	S/T/R:	//	County, State:						
Operator:	Enduring Resources, LLC	Location Desc:		District:	Southern					
Project AFE:	DV02028	AFEs Associated:								/ / /
Daily Summary										
Activity Date :	1/9/2014	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	15	Walked rig to University 09-1803H. Rigged up and began testing BOP's.			0	0	NIH		
Total:	24.00									
Daily Summary										
Activity Date :	1/10/2014	Days From Spud :	0	Current Depth :	1191 Ft	24 Hr. Footage Made :	454 Ft			
Rig Company :				Rig Name:						
Formation :				Weather:						
Operations										
Start	Hrs	Code	Remarks			Start Depth	End Depth	Run		
6:00	24.00	02	Finished testing BOPs. Installed wear bushing, PU directional BHA, TIH and tagged up at 682'. Displace hole with OBM and tested casing to 500 psi for 30 minutes. Drilled shoe track and new hole f/737 to 1191' (494' in 7 hours)			737	1191	NIH		
Total:	24.00									
Daily Summary										
Activity Date :	1/11/2014	Days From Spud :	0	Current Depth :	2889 Ft	24 Hr. Footage Made :	1698 Ft			
Rig Company :				Rig Name:						
Formation :				Weather:						
Operations										
Start	Hrs	Code	Remarks			Start Depth	End Depth	Run		
6:00	24.00	02	Drilled ahead f/1191 to 2889' (1698' in 23.5 hrs) sliding as needed to maintain desired course			1191	2889	NIH		
Total:	24.00									
Daily Summary										
Activity Date :	1/12/2014	Days From Spud :	0	Current Depth :	4115 Ft	24 Hr. Footage Made :	1226 Ft			
Rig Company :				Rig Name:						
Formation :				Weather:						
Operations										
Start	Hrs	Code	Remarks			Start Depth	End Depth	Run		
6:00	24.00	02	Drilled f/2889 to 4115' (1226' in 23.5 hrs)			2889	4115	NIH		
Total:	24.00									
Daily Summary										
Activity Date :	1/13/2014	Days From Spud :	0	Current Depth :	5181 Ft	24 Hr. Footage Made :	1066 Ft			
Rig Company :				Rig Name:						
Formation :				Weather:						
Operations										
Start	Hrs	Code	Remarks			Start Depth	End Depth	Run		
6:00	24.00	02	Drilled f/4115 to 5181' (1066' in 21.5 hrs) Encountered high diff, low torque and reduced ROP. TOH to change bit/motor to resume drilling.			4115	5181	NIH		
Total:	24.00									

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Daily Summary

Activity Date :	1/14/2014	Days From Spud :	4	Current Depth :	6001 Ft	24 Hr. Footage Made :	820 Ft
Rig Company :		Rig Name:		Formation :		Weather:	

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	24.00	02	TOH and inspected bit and motor. Reran bit with new motor and TIH to bottom. Drilled rotating f/5181 to 6001' (820' in 14 hrs).	5181	6001	NIH
Total:		24.00				

Daily Summary

Activity Date :	1/15/2014	Days From Spud :	5	Current Depth :	6282 Ft	24 Hr. Footage Made :	281 Ft
Rig Company :		Rig Name:		Formation :		Weather:	

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	24.00	02	Drilled f/6001 to 6282' (281' in 6 hours). Circulated hole clean and TOH to run casing. LD BHA, pulled wear bushing, RU casing crews and started running 9 5/8" intermediate casing. At 2500' at report time.	6001	6282	NIH
Total:		24.00				

Daily Summary

Activity Date :	1/16/2014	Days From Spud :	6	Current Depth :	6282 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 running casing. Landed casing @ 6270' and cemented per program. Bumped plug on schedule. Partial returns during last 170 bbls displacement. No cement returns to surface. Installed and tested 9 5/8" packoff, picked up 8 3/4" BHA and started TIH	6282	6282	NIH
Total:		24.00				

Daily Summary

Activity Date :	1/17/2014	Days From Spud :	7	Current Depth :	7288 Ft	24 Hr. Footage Made :	1006 Ft
Rig Company :		Rig Name:		Formation :		Weather:	

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	24.00	02	Finished TIH and tagged up at 6218'. Tested casing to 1500 psi for 30 min and drilled shoe track. Drilled ahead sliding as needed f/6282 to 7288' (1006' in 15.5 hrs) Began building curve at 7256 KOP.	6282	7288	NIH
Total:		24.00				

Daily Summary

Activity Date :	1/18/2014	Days From Spud :	8	Current Depth :	7822 Ft	24 Hr. Footage Made :	534 Ft
Rig Company :		Rig Name:		Formation :		Weather:	

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	0.00	02	Drilled ahead sliding to build curve f/7288 to 7822' (534' in 23.5 hrs)	7288	7822	NIH
Total:		0.00				

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Daily Summary

Activity Date :	1/19/2014	Days From Spud :	9	Current Depth :	8481 Ft	24 Hr. Footage Made :	659 Ft
Rig Company :		Rig Name:		Formation :		Weather:	

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	24.00	02	Drilled ahead building curve and landed at 8213' (7850 TVD). Drilled to 8481', circulated hi vis sweep and started out of hole to PU lateral assembly.	7822	8481	NIH
Total:		24.00				

Daily Summary

Activity Date :	1/20/2014	Days From Spud :	10	Current Depth :	9389 Ft	24 Hr. Footage Made :	908 Ft
Rig Company :		Rig Name:		Formation :		Weather:	

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	24.00	02	Finished trip to PU lateral drilling assembly and drilled ahead sliding as needed f/ 8481 to 9389 (908' in 11 hrs)	8481	9389	NIH
Total:		24.00				

Daily Summary

Activity Date :	1/21/2014	Days From Spud :	11	Current Depth :	10582 Ft	24 Hr. Footage Made :	1193 Ft
Rig Company :		Rig Name:		Formation :		Weather:	

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	24.00	02	Drilled ahead in lateral f/9389 to 10582' (1193' in 17.5 hrs) sliding as needed. Spent 6 hrs repairing and troubleshooting pump #2. Rotated 15.5 hrs and slid 2 hrs.	9389	10582	NIH
Total:		24.00				

Daily Summary

Activity Date :	1/22/2014	Days From Spud :	12	Current Depth :	11952 Ft	24 Hr. Footage Made :	1370 Ft
Rig Company :		Rig Name:		Formation :		Weather:	

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	24.00	02	Drilled ahead in lateral f/10582 to 11952' (1370' in 18 hrs) sliding as needed. Lost differential pressure. Slugged pipe and TOH to check BHA.	10582	11952	NIH
Total:		24.00				

Daily Summary

Activity Date :	1/23/2014	Days From Spud :	13	Current Depth :	12628 Ft	24 Hr. Footage Made :	676 Ft
Rig Company :		Rig Name:		Formation :		Weather:	

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	24.00	02	Tripped out of hole replaced mud motor re ran bit #4 tripped in hole washed last 120 feet to bottom . Rotated and slide F/11952- 12628, 676' in 10 hrs, 68FPH.In 95% shale and 5% limestone.	11952	12628	NIH
Total:		24.00				

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Daily Summary

Activity Date :	1/24/2014	Days From Spud :	14	Current Depth :	13782 Ft	24 Hr. Footage Made :	1154 Ft
Rig Company :		Rig Name:		Formation :		Weather:	

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	24.00	02	Rotate and slide from 12628-13782 , 1154' in 14 Hrs @ 82FPH. Circulated two 40 Barrel sweeps to surface. Tripped out of hole to run 5.5 casing	12628	13782	NIH
Total:		24.00				

Daily Summary

Activity Date :	1/25/2014	Days From Spud :	15	Current Depth :	13782 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 laying down BHA , cleaned and prepped floor for casing crew and pulled wear bushing, Held pre job safty meeting with casing crew and ran 5.5in casing to 13782, bursted disk @ 2750, and started to bleed out the air.	13782	13782	NIH
Total:		24.00				

Daily Summary

Activity Date :	1/26/2014	Days From Spud :	16	Current Depth :	13782 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	05	Circulated casing, Held prejob safety meeting with cementers, pumped 50 bbls mud flush 10bbls fresh water, 380bbls of lead @ 11lb, 342bbls of 14.5 tail, dropped plug 10bbls sugar water, and 320 bbls of displacment fluid,maintained circ through out job, circulated 120 bbls of cement to surface, bumped plug and floats held. nipped down bop and set casing slips at string weight.pre pare to walk rig.	13782	13782	NIH
Total:		24.00				

Formation

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