Legend Drilling

Drillers Log

Rig Number: 1	S. 23 T. 29 R. 14E
API No. 15- 205-28357	County: Wilson
Elev. 855	Location: SW-SE-SE

Gas Test:

Operator: Polaris Energy inc	
Address: PO Box 85	
maineville OH 45039	
Well No: D4C-23	Lease Name: G Neill Trust
Footage Location:	330 ft. from the (N) (S) Line
	990 ft. from the (E) (W) Line
Drilling Contractor:	Legend Drilling
Spud Date: 7/27/15	Geologist:
Date Completed: 7/30/15	Total Depth: 1135'

Casing Record	Surface	Production
Size Hole:	11"	6 3/4"
Size Casing:	8 5/8"	
Weight:	23#	
Setting Depth:	41'	
Type Cement:	port	
Sacks:	service	company

Rig Time:

7/29/15 2 Hrs mix mud
7/30/15 1½ Hrs mix mud
30 min circulating
up samples
(Total Rig Hrs 4) @ $350.00/Hr $1400.00
1135' @ $9.50/Ft $10,782.50
$12,182.50
Approved will B

Drilled well on mud

Well Log

Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
Soil/clay	0	9	coal	454	456	lime	797	818
lime	9	72	shale	456	458	summit	818	822
shale	72	78	lime	458	480	lime	822	831
lime	78	84	shale	480	501	mulky	831	836
shale	84	87	lime	501	527	lime	836	842
lime	87	95	coal	527	529	shale	842	945
shale	95	97	shale	529	554	coal	945	946
lime	97	100	lime	554	555	shale	946	977
shale	100	182	shale	555	582	oil sand	977	982
lime	182	185	lime	582	590	shale	982	987
shale	185	196	shale	590	611	coal	987	988
lime	196	199	lime	611	613	sand/shale	988	1028
coal	199	200	shale	613	617	oil sand	1028	1108
shale	200	205	lime	617	634	shale	1108	1135 T
Sho sand	205	232	shale	634	642			
sand/shale	232	236	sand	642	648			
coal	236	237	shale	648	681			
shale	237	254	lime	681	686			
lime	254	259	sand	686	687			
shale	259	299	lime	687	704			
lime	299	414	shale	704	736			
coal	414	416	lime	736	769			
lime	416	422	coal	769	772			
shale	422	454	shale	772	797			