Well Log 110452

~~WELL~~ BOREHOLE NO. B-2 Page 1 of 4

NOI: 57902

Project: LYON Co. SECTION 26	Location: B-2	Elevation	Project No. 131045
Drilling Co.: WDC	Drilling Equipment: SONIC CORE	Date Started 12/15/06	Date Finished 12/16/06
Conductor Casing: NA	Casing: NA	Screen: NA	
Filter Pack: NA	Logged By: B. HART / P. BASSETT	Drilling Method: SONIC CORE	
	Geophysical Logs: NA	Drilling Fluid: NA	
Annular Seal: NA	Development: NA	Completion Depth: TD = 107'	
		Water Level: None encountered	

Description	Depth (ft)	Drill Rate	Remarks
0-13 SILTY SAND Fine - v. fine sand w/ mod silt. Wind blown dunes on surface	0, 2, 4, 6, 8, 10, 12		RECEIVED 2010 APR -5 AM 11:59 STATE ENGINEERS OFFICE
13-23 SILT Light brown (dry) to med-dk red-brown (wet). Generally loose w/ intermittent laminated blocky intervals	14, 16, 18, 20, 22		Cannot feel any grit, blockiness suggests clay but it does not thread
23-26 SILTY FINE SAND Med. grey-brown, loose	24		

NAD-27 GPS center of 1/4 1/4 39.307848°N 119.486894°W

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BROWN AND CALDWELL

MHF

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Description	Depth (ft)	Drill Rate	Remarks
	24		
26-27 SILTY FINESAND Block cemented clods	26		
27-29 SANDY GRAVEL Well graded gravel to ~3" sub-angular clasts of basalt/andesite, med gray-brown	28		
29-41 SANDY SILT Med red-brown, loose, threads slightly to ~ 1/2" thickness	30 32 34 36 38 40		32-33 Contains sub-angular gravel to 3". Driller reports v. hard drilling.
41-51 SILTY SAND Med red-brown, some cementation into hard clods, sand is fine to v. fine	42 44 46 48 50		Silt content decreases @ ~50'
51-65 SANDY SILT Med-dk red-brown, sand is fine to med, cemented	52 54 56		51-65 varies between sandy silt and silty sand

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Description	Depth (ft)	Drill Rate	Remarks
SANDY SILT	56, 58, 60, 62, 64		
65-68 CLAYEY SILT Med-dk red-brown, minor sand, hard	66		
68-73 SANDY SILT w/GRAVEL Gravel to 2", med-dk red-brown cemented.	68, 70, 72		Gravel may be colluvial
73-77 CLAYEY GRAVEL w/SAND + SILT Med-dk gray, sticky	74, 76		
77-80 GRAVEL w/SAND Well graded gravel w/sand, minor silt, ~~med red-brown and~~ med gray, ~~firm~~ loose	78, 80		
80-86 CLAYEY GRAVEL w/SAND Minor silt, med red-brown and med gray, firm	82, 84		gravel in clay matrix
86-90 SANDY GRAVEL Minor silt, med red-brown w/ altered/weathered volcanic	86, 88		

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Description	Depth (ft)	Drill Rate	Remarks
	88		
90-95 SILTY GRAVEL w/ SAND Gravel to 2" in sandy silt matrix. Med red-brown to med gray, firm.	90		
	92		
	94		
95 - 107 GRAVEL Coarse sandy gravel w/ silt. Large weathered volcanic rock (rhyolite?). Light red-gray	96		Rock breaks up during drilling to coarse sandy gravel, driller reports hard drilling. No water encountered
	98		
	100		
	102		
	104		
	106		
	108		
TD = 107'			

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