

LITHOLOGIC WELL LOG

CHEVRON RESOURCES COMPANY		PROSPECT <u>Beowawe</u>	STATE <u>Nev.</u>
By: <u>K.L. Comstock</u>		COUNTY <u>Eureka</u>	SECTION <u>21</u>
		DATE _____	TOWNSHIP <u>31N</u>
		WELL No. <u>B-53-80</u>	RANGE <u>48E</u>

TIME	DEPTH	LITHOLOGY	COMMENTS
	380	same as 360	
	400	same as 360	
	420	same as 360 with trace of calcite fracture filling	
	440	Purplish grey & yellowish tan porphyritic basaltic andesite with trace of iron oxide staining; trace of pink clay from alteration of andesite?	
	460	Purplish grey porphyritic basaltic andesite- trace of calcite & iron oxide staining; trace of pink clay	
	480	same as 460 trace of brown to orange jasperoid	
	500	same as 460 Trace of grey perlitic basaltic andesite (Tbu type) (sluff??)	
	520	Med purplish grey porphyritic basaltic andesite; Trace of iron oxide staining, calcite & pink clay	
	540	same as 520	
	560	Med. greyish purple porphyritic basaltic andesite; Trace of yellow-orange jasperoid trace of fractures in andesite filled with red colored mineral (minute fractures) trace of Tbu type basaltic andesite	
	580	same as 560	

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LITHOLOGIC WELL LOG

CHEVRON RESOURCES COMPANY

PROSPECT Beowawe
 COUNTY Eureka STATE Nev.
 DATE _____ SECTION 21
 TOWNSHIP 31N
 RANGE 34E
 WELL No. B-58-80

By: K.L. Coffstock

TIME	DEPTH	LITHOLOGY	COMMENTS
	180	Medium grey porphyritic perlitic basaltic andesite (Tbuy): trace of pale yellow green waxy mineral	
	200	basaltic andesite as above trace of frags altered to pale grey; trace of grey waxy mineral trace of clear amorphous silica	
	220	pale purplish grey porphyritic slightly vesicular basaltic andesite (Tb1) Trace of Tbuy & Tbu? Trace of green waxy mineral; Trace of Tb1 & Tbuy altered to pale tan to white (argillic)	
	240	same as 220	
	260	Tb1 as above - Trace of brecciated Tb1 cemented with silica; Trace of brown orange fasperoid & pale yellow green waxy mineral	Trace of LCM
	280	Pale purplish porphyritic basaltic andesite trace of argillic alteration Trace of waxy mineral	
	300	same as 280 with trace of red brown fasperoid?	Trace of LCM
	320	Tb1 as above - trace of calcite fracture fillings & white drusy qtz xls	
	340	Tb1 as above Trace of calcite vein filling	
	360	Pale purplish tan porphyritic basaltic andesite (Tb1) with trace of argillic alteration trace of flat fracture or joint surfaces coated with iron oxide staining	

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CHEVRON RESOURCES COMPANY

PROSPECT BeowaweCOUNTY EurekaSTATE NeV.

DATE _____

SECTION 21TOWNSHIP 31NWELL No. B-58-80RANGE 48EBy K.L. Comstock

TIME	DEPTH	LITHOLOGY	COMMENTS
	20	80% offwhite crystal, lithic tuff slightly calcareous - 20% subrded to subang granules & pebbles	
	40	60% tuff - a trace appears silicified 40% granules & pebbles as above	
	60%	90% subrded to ang. granules and pebbles of med grey vesicular Malpais basalt; 10% offwhite tuff, trace silicified a trace partially welded	
	80	98% subrded to ang granules and pebbles of medium grey vesicular Malpais basalt; 2% tuff as above Trace of clear vitreous amorphous silica	
	100	Angular frags of med grey vesicular Malpais basalt - vesicles lined with white, pale blue & pale green yellow soft waxy mineral trace of clear amorphous botryoidal silica - trace of tuff (sluff?)	
	120	large ang. frags of Malpais basalt as above; Trace of waxy mineral; trace of argillic alteration of Malpais around vesicles (basalt is tan around vesicles)	
	140	same as 120	<i>Sam Woods/G.T.S. INDEPENDENT GEOTHERMAL SERVICES, INC. 10072 Willow Creek Rd. TAMPA, FL 33617</i>
	160	70% med grey porphyritic perlitic slightly vesicular basaltic andesite (Tbu); 30% Malpais as above trace of green waxy mineral	15825 01084
			<i>Sam Woods</i>
			<i>Jan 26 - 1991</i>

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LITHOLOGIC WELL LOG

CHEVRON RESOURCES COMPANY

PROSPECT Becwawe
 COUNTY Eureka STATE Nev.
 DATE _____ SECTION 27
 TOWNSHIP 31N
 RANGE 48E
 WELL No. B-58-80

By: K.L. Comstock

TIME	DEPTH	LITHOLOGY	COMMENTS
	600	same as 560 with fractures filled with opaline silica (trace only) trace of iron oxide staining	
	620	60% purple-grey porphyritic basaltic andesite; 40% pale tan yellow to peach colored jasperoid? amorphous to nearly so hard siliceous material Trace of microbreccia of "jasperoid" andesite with opaline silica "cement" Trace of white opaline fracture filling; trace of black dendrites in "jasperoid" material	highly altered sample
	640	95% grey to greyish purple porphyritic basaltic andesite 5% "jasperoid" as in 620 trace of yellow green waxy mineral, white opaline silica and Tbu type andesite	
	660	Tbl as above in 640 trace of "jasperoid" as above opaline silica & Tbu type andesite	
	680	Purple brown porphyritic basaltic andesite a trace appears partially silicified trace of yellow to orange "jasperoid" Tbu type andesite trace of white opaline silica	Trace of LCM
	700	95% basaltic andesite as in 680 5% "jasperoid" yellow to brown colored hard siliceous material	
	720	Tbl as above; trace of "jasperoid" drusy qtz on botryoidal silica & Tbu type andesite	
	740	same as 720 except no drusy qtz, or Tbu	