

WELL LONGVIEW FIBER 12-33 RD#1 COMPANY REICHOLD ENERGY CORP. AREA Mist LOCATION 1763'S & 705'E of NW Corn sec.33; T7N; R5W; WB&M COUNTY, STATE Columbia, Oregon	- W E G E - WESTERN GEO-ENGINEERS "A SERVICE TO THE OIL AND GAS INDUSTRY"	RECEIVED-PTLD SEP 30 1981 RECEIVED 11:00 AM 9/24/81
MUD DATA W WEIGHT V VISCOSITY F FILTRATE FC FILTER CAKE SD SAND IN %	LEGEND S SALINITY R RESISTIVITY RF FILTRATE RESISTIVITY BIT DATA NB NEW BIT RRB RERUN BIT	LITHOLOGY SYMBOLS Sand Clay Silt Shale Comp. shale Lignite Vol. calc. Int. calc. Salt Limst. Chert
DATE 9/12/81 to 9/24/81	DEPTH 450' to 2471'	ENGINEERS Butler Hands
		REMARKS WELL ELEV. GL. 887.97' KB. 899.37' SALINITY IN ppm FILTRATE IN cc/30 MIN. GAS TRAP Agitator Type MUD Lignosulfonate (Barlod) Taylor Drilling Rig#5 CASING TO TO TO

DEPTH	LITHOLOGY	OIL IN MUD or CUTTINGS Tr x Fair xx Good xxx V/Gd xxxx		REMARKS	
		MUD ANALYSIS			CUTTING ANALYSIS
		TOTAL DITCH GAS	PET. VAP.		
		10 20 30 40 50	75 100 125 150 175	25 50 75 100	
300					Failed to gain and direction plugged back to try again. Note: Surveys are N11. Coordinates are AVAR.GED.
400					N.C.P. at 446' Drill off comt w/ 5" bit
500	Clay, med gry, brn, soft, mod sol. mod micronic, lig			vd 500	9°00' N11° 51'N 17°W VD=531.97 (d=0')
600	Clay, med gry, brn, soft, mod sol. mod micronic, lig			vd 600	3-10% 10 vis L=2.5 min 64 s m Sur=1 min 100cc
700	Clay, med gry, brn, soft, mod sol. mod micronic, lig			vd 700	5°45' N14° 71'N 21°W VD=627' (d=0')
800	Clay, lt gry, soft non sticky.			vd 800	8°00' N20° 52'N 21°W VD=751' (d=1')
900	Clay, lt gry, soft non sticky.			vd 900	9°00' N29°W 56'N 16°W VD=844' (d=2')
1000	Clay lt gry, soft silt sol, sticky.			vd 1000	9°00' N13°W 51'N 17°W VD=935' (d=4')
1100	Clay, lt gry, soft, mod sol. mod micronic, lig			vd 1100	9°00' N10°W 60'N 19°W VD=981' (d=4')
1200	Clay, lt gry, soft, mod sol. mod micronic, lig			vd 1200	10°00' N10°W 57'N 24°W VD=1152' (d=6')
1300	Clay, lt gry, soft, mod sol. mod micronic, lig			vd 1300	10°15' N13°W 57'N 26°W VD=1212' (d=8')
1400	Clay, lt gry, soft, mod sol. mod micronic, lig			vd 1400	11°00' N10°W 56'N 30°W VD=1311' (d=10) 2c 2/32 pH 11 s 800 sd trc
1500	Clay, lt gry, soft, mod sol. mod micronic, lig			vd 1500	w 9.3 (69) v 55 12°00' N13°W 58'N 35°W VD=1424' (d=12)
1600	Clay, lt gry, soft, mod sol. mod micronic, lig			vd 1600	0=67u 55 vis L=7.5 min 63s m Sur=1 min 100cc
1700	Siltst, med-drk gry, firm, fissile, min lig.			vd 1700	14°30' N13°W 50'N 44°W VD=1606' (d=17)
1800	Siltstone, lt gry, whrd			vd 1800	16°30' N7° 21'N 52°W VD=1796' (d=23)
1900	Siltst, med-drk gry, brn, firm friable, fissile, min lig.			vd 1900	
2000	Siltst, med-drk gry, brn, firm friable, fissile, min lig.			vd 2000	19°15' N2°W 28'N 58°W VD=2005' (d=34)
2100	Siltst, drk gry, brn, firm, fissile, min lig.			vd 2100	w 9.7 v 45
2200	Siltst, drk gry, brn, firm, fissile, min lig.			vd 2200	20°00' N7° 32'N 55°W VD=2100' (d=46')
2300	Siltst, drk gry, brn, firm, fissile, min lig.			vd 2300	w 9.7 v 55
2400	Siltst, drk gry, brn, firm, fissile, min lig.			vd 2400	w 9.7 v 45
2500	Siltst, drk gry, brn, firm, fissile, min lig.			vd 2500	26°30' N7° 46'N 58°W VD=2403' (d=68')

REICHOLD ENERGY CORP., LONGVIEW FIBER 12-33 RD#1, sec. 33; T7N; R5W; WB&M; Columbia Co., Oregon.