

WELL WESTPORT #1 RECEIVED-PLTD JUL 22 1980 - WEGE - WESTERN GEO-ENGINEERS
 COMPANY NORTHWEST EXPLORATION CO. "A SERVICE TO THE OIL AND GAS INDUSTRY"
 AREA WESTPORT
 LOCATION COOS COUNTY, OREGON
 COUNTY, STATE COOS COUNTY, OREGON
 MUD DATA: W WEIGHT, V VISCOSITY, F FILTER RATE, FC FILTER CAKE, SC SAND IN %
 SALINITY: S RESISTIVITY, RF FILTRATE RESISTIVITY, BIT DATA: RB NEW BIT, RRB RETURN BIT
 LEGEND: CB CORE BIT, WCB WIRE LINE CB, OTHER DATA, CG TRIP GAS, CC CONNECTION GAS, C CARBIDE GAS
 LITHOLOGY SYMBOLS: Sand, Silt, Shale, Clay, Lignite, Volc, Gyps, Salt, Chert, Chalk, Volc
 REMARKS: WELL ELEV. GL. 652', SALINITY IN PPM CL, FILTRATE IN CC/30 MIN., GAS TRAP AGITATOR TYPE, MUD GEL/BENEX (NORTHERN MUD), J. N. DRILLING CO. 1
 CASING: 4 1/2" to 657'
 DATE: 6/15/80 DEPTH: to 4,200' ENGINEERS: JAMES GRIFFIN

DEPTH	LITHOLOGY	MUD ANALYSIS		CUTTING ANALYSIS	REMARKS
		PET. VAP.	BLENDER		
300					DRILLING SURFACE HOLE WITH 12 1/2" BIT
100					MUD: GEL/SALT WATER
200					
300					
400					
500					C=100 40 VIS LAG=5MIN 60 SPM
600					
700					RUN 9 3/8" CASING 4' 00" - 5' 00" REDUCE HOLE TO 8 3/4"
800					C=500 VIS 30 LAG=4MIN 54 SPM
900					W 9.0 V 36 PH 8.0 F 12 FC 2/32 CL 2,400 SAND TR
1000					
1100					
1200					SL TR DULL YEL FLUOR V WEAK YEL CUT IN CUTTINGS, NO ODOOR OR FLUOR IN MUD
1300					CLAY/SAND HAS 5% DULL-BRIGHT YEL GOLD FLUOR IN CUT- TINGS, CUTS TO DULL WEAK YELLOW, NO ODOOR, SLIGHT YEL FLUOR IN MUD; V SL BRWN STN ON COAL BRN & SAND
1400					DST#1, 1227'-1270', IF VERY WEAK NO GAS THRU 3/8" BOT CHOKE RECOVERED 70' DRILL FLUID, OR YEL FLUOR NO ODOOR, N3=100PPM S=800PPM IH 599 FH 599 IS1 132 FS1 83 FF 14.6 FC 2/32 FF 50
1500					C=100, N3=90PPM
1600					FLUOR IN CUTTINGS, GOLD, CUTS TO ST DULL YEL, NO ODOOR OR FLUOR IN MUD DST#2, 1468-1498, IF MOD STRONG NO GAS THRU 3/8" BOT CHOKE RECOVERED 130' DRILL FLUID, NO FLUOR, NO ODOOR, N3=102PPM S=720PPM IH 697 FH 697 IS1 217 FS1 217 FF 50
1700					W 9.1 V 37, PH 9.0 F 14. FC 2/32, S 800, SD TR TR FLUOR IN CUTTINGS GOLD, CUTS TO WEAK DULL YEL, NO ODOOR OR FLUOR IN MUD F 15.2, FC 2/32 S 700, SD TR
1800					C=1420 VIS 30 LAG=12MIN 52SPM S=570 N3=235PPM
1900					W 9.1 V 36, PH 9.0 F 15.4 FC 2/32, S 500 SD TR
2000					FLUOR IN CUTTINGS, GOLD, CUTS GOLD, FLUOR IN MUD SAME S=500 N3=270PPM
2100					NOTE: COAL WEAK EFFERESCENT BUT STEADY IN WATER. S=500 N3=235PPM
2200					W 8.9 V 36 PH 9.0 F 14.4 FC 2/32 S 500 SD TR
2300					W 9.0 V 36, PH 9.0 F 15. FC 2/32, S 450, SD TR
2400					SLUFFING SHALE & COAL C=400 N3=250PPM LAG=10'
2500					W 9.0 V 36, PH 9.0 F 15. FC 2/32, S 450, SD TR
2600					
2700					C=540 VIS 36 LAG=22MIN 51SPM
2800					W 9.1 V 36, PH 9.0 F 13.8 FC 2/32, S 500, SD TR
2900					W 9.0 V 36, PH 9.0 F 15. FC 2/32, S 450, SD TR
3000					TR DULL/TR BRT YEL -GRN YEL FLUOR, V WK MLKY YEL CUT
3100					W 9.1 V 36, PH 8.5, F 13.2, FC 2/32 S 350, SD TR, N3 115PPM
3200					S=350 N3=80PPM
3300					C=350 100CC LAG=32MIN 51SPM
3400					W 9.1 V 36 PH 9.0 F 12 FC 2/32 S 350 SD TR SOL 6
3500					TORQUE DUE TO FRAI
3600					W 9.0 V 38, PH 9 F 13.2, FC 2/32 S 350, SD TR
3700					RUN SCHLUMBERGER