

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	OTHER DATA TG TRIP GAS CG CONNECTION GAS C CARBIDE GAS	CB CORE BIT WLCB WIRE LINE CB NR NO RETURN CR CIRCULATE RETURNS DST DRILL STEM TEST [] DRILL INTERVAL [] CORE INTERVAL	REMARKS WELL ELEV. GL. 734.2' KB. SALINITY IN PPM CL FILTRATE IN CC/ MIN. GAS TRAP AGITATOR TYPE MUD BAROID LIGNOSULFAMATE

DEPTH	LITHOLOGY	OIL IN MUD or CUTTINGS Tr x Fair xx Good xxx V/Gd xxxx		REMARKS
		MUD ANALYSIS	CUTTING ANALYSIS	
500	CLAY, LT GRAY, SOFT, SLTY, SOL, SLT, CRK.	PET. VAP. --- BLENDER GAS	TOTAL GAS PET. VAP. ---	VD 500 K.O.P. @ 495'
600	CLAY, LT GRAY-GRY, SOFT, SOL, SLTY, SLT, CRK, SDRY. CHROM=100% C1			VD 600 S 77% SOL 7% TR 4.57E S 4.57E (d=0.14')
700	CLAY, GRY BRN, SOFT TO FRM, SLTY, OCC, SDRY, SLT, CRK, ARG, HD. SG=11U CHROM=100% C1			VD 700 9°00' S39E 9.09'S 8.97E VD 678' (d=1) SEC 12.8'
800	CLAY, AS ABOVE. CLAY, DK GRY, SOFT-FRM, SLT, CRK, ARG, HD, GUMMY. SG=5U CHROM=100% C1			VD 800 9°45' S55E 23.68'S 24.99'E VD 805.5' (d=2.5') SEC 34.4'
900	CLAY, LT GRY, SOFT, SLTY, CRK, PART SOL, OCC, ARG, HD, TR, CALC, SLT, CRK, ARG, HD. SG=6U			VD 900 10°15' S52E 30.08'S 33.64'E VD 866.6' (d=3.4') SEC 45.1'
1000	CLAY, DK GRY BRN, SOFT-FRM, ARG, HD, GUMMY, SLT, CRK, ARG, HD, OCC, SDRY. SG=5U CHROM=100% C1			VD 1000 11°15' S57E 36.76'S 43.04'E VD 928.5' (d=4.5') SEC 56.60
1100	CLAY, DK GRY BRN, SOFT-FRM, ARG, HD, GUMMY, SLT, CRK, ARG, HD, OCC, SDRY. SG=6U CHROM=100% C1			VD 1100 13°00' S61E 43.36'S 54.09E VD 988.14' (d=5.9*) SEC 69.35'
1200	CLAY, AS ABOVE, MIN SLT. SG=5U CHROM=100% C1			VD 1200 15°00' S53E 50.66'S 68.13E VD 1049' (d=8') SEC 85'
1300	CLAY, T-DK GRY, FRM, SLT, CRK, ARG, HD, GUMMY, SLT, CRK, ARG, HD, OCC, SDRY. SG=3U CHROM=100% C1			VD 1300 17°00' S55E 60.89'S 82.99'E VD 1111' (d=10') SEC 102' REDUCE WOB TO 4000
1400	CLAY, SLTSTN AS ABOVE, SAND, FLINT, ARG, HD, GUMMY, SLT, CRK, ARG, HD, OCC, SDRY. CG=11U CHROM=100% C1			VD 1400 17°30' S53E 71.52'S 97.03'E VD 1169' (d=13') SEC 121' 18°30' S50E 83.28'S 111.8'E VD 1227' (d=16') SEC 139'
1500	CLAY, AS ABOVE, SAND, FLINT, ARG, HD, GUMMY, SLT, CRK, ARG, HD, OCC, SDRY. CG=38U TG=20U CHROM=100% C1			VD 1500 20°45' S40E 147'S 174'E VD 1481' (d=32') SEC 228'
1600	CLAY, MED GRY BRN, SOFT-FRM, ARG, HD, GUMMY, SLT, CRK, ARG, HD, OCC, SDRY. TG=11U CHROM=100% C1			VD 1600 21°30' S49E 166'S 192'E VD 1547' (d=37') SEC 254' TRIP FOR NEW DYNA-DRILL
1700	CLAY, DK GRY BRN, SOFT-FRM, ARG, HD, GUMMY, SLT, CRK, ARG, HD, OCC, SDRY. CG=7U CHROM=100% C1			VD 1700 21°00' S55E 179'S 209'E VD 1604' (d=40') SEC 276' W 9.6 V 51
1800	AS ABOVE W/ OCC AROUND TAN TUFF, BLUE GRG, SHALEY FRAGS. TG=11U CHROM=100% C1			VD 1800 21°00' S58E 192'S 228'E VD 1660' (d=45') SEC 298' 19°45' S54E 203'S 245'E VD 1716' (d=49') SEC 318'
1900	CLAY, GRY BRN, SOFT SOL, OCC, L, TAN TUFF. CG=5U CHROM=100% C1			VD 1900 17°30' S53E 223.7'S 272'E VD 1817' (d=54') SEC 352' C=15u 50VIS LAG 9MIN 42SPM DUR 5MIN
2000	CLAY, AS ABOVE, SAND, FLINT, ARG, HD, GUMMY, SLT, CRK, ARG, HD, OCC, SDRY. SG=7U TG=165U CHROM=100% C1			VD 2000 17°45' S43E 240'S 300'E VD 1937' (d=60') SEC 385'
2100	CLAY & SLTSTN AS ABOVE. CG=11 CHROM=100% C1			VD 2100 18°30' S47E 260'S 320'E VD 2020' (d=64') SEC 412'
2200	CLAY, LT GRY BRN, SOFT, SLTY, CRK, ARG, HD, GUMMY, SLT, CRK, ARG, HD, OCC, SDRY. CG=12U CHROM=100% C1			VD 2200 20°30' S44E 296'S 357'E VD 2167' (d=73') SEC 464'
2300	SAND, CLR, DTZ, VEN-FN, BRN, ARG, HD, GUMMY, SLT, CRK, ARG, HD, OCC, SDRY. CG=15U CHROM=100% C1			VD 2300 23°00' S43E 330'S 388'E VD 2282' (d=82') SEC 509'
2400	SAND, CLR, DTZ, VEN-FN, BRN, ARG, HD, GUMMY, SLT, CRK, ARG, HD, OCC, SDRY. CG=15U CHROM=100% C1			VD 2400 23°00' S43E 330'S 388'E VD 2282' (d=82') SEC 509'
2500	SS, WH, CLR, DTZ, VEN-FN, BRN, ARG, HD, GUMMY, SLT, CRK, ARG, HD, OCC, SDRY. CHROM=100% C1			VD 2500 NOTE: REMAINDER OF APPROXIMATED DEPTHS FROM LAST SURVEY DRIFT ANGLE.
2600	SAND/ES AS ABOVE, NCR MUD, SLT, CRK, ARG, HD, OCC, SDRY. CHROM=100% C1			VD 2600 W 10.1 V 53 PH 10.0 F 4.0 FC 2/32 S 1200 SD TR SOL 10%
2700	SAND & CLAY A/A. CHROM=100% C1			VD 2700
2800	CLAY, GRY BRN, SOFT-FRM, ARG, HD, GUMMY, SLT, CRK, ARG, HD, OCC, SDRY. CHROM=100% C1			VD 2800
2900	SAND & SLTSTN AS ABOVE. DRILLERS TOTAL DEPTH 2914'			VD 2900 RAN WELER, DIL, AVL, WIP, VELOCITY.