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ORATORIES, INC.

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COMPANY PETRO LEWIS CORPORATION
WELL CORBIN FEDERAL COM. 1
FIELD SO. CORBIN MORROW WILDCAT
COUNTY LEA STATE NEW MEXICO
LOCATION 1980 FWL-660 FSL, SEC. 20 ELEVATION G.L. 3799.7
TS 18S, R 33E K.B. 3820

DEPTH LOGGED, FROM 5100 TO 13600
DATE LOGGED 4-29-77 6-10-77
CREW CHIEF SUTTLES, DUNCAN FILE NO. FL-264,113
DRLG. FLUID FRESH WATER 5100 TO 9850
BRINE " 9850 TO 10750
SALT WATER GEL 10750 T.D.

10 980
10 966

LEGEND

ABBREVIATIONS

RESISTIVITY, OHM-METERS
- Rm = MUD
- Rmc = MUD CAKE
- Rmf = MUD FILTRATE

MUD DATA
- CK = CAKE THICKNESS 32nds
- V = VISCOSITY API SECONDS
- F = FILTRATE API CC'S
- W = WEIGHT
- S = SALINITY, ppm Cl

MEASUREMENTS

LITHOLOGY

SAND, SALT, COAL, CONG, CLAY, DOLOMITE, ANHYDRITE OR GYPSUM, SHALE, CHERT, LIMESTONE, CHALK, SILTSTONE

OR	LITH	DEPTH	HYDROCARBON ANALYSIS		REMARKS
F P % SUAL 50 25			HOT WIRE: Total Gas ____ Methane (by difference) ____ ELECTRONIC: Methane ____ Ethane ____ 2 Propane ____ 3 Butane ____ 4 Pentane ____ 5		FORMATION DESCRIPTI MUD DATA, DRILL STEM TESTS, et
			PHD CHROMATOGRAPH: 10 Units/Div; Methane; Ethane & Propane; Butane & Pentane; 100	FLUOR: P F G; 25 50 75	HOT WIRE: TOTAL GAS & METHANE 10 Units/Div; CUTTINGS; MUD
		5100	RUN CASING		WT 84; V 27; CL 1500; DS 1/4°
	NO RETURNS		PHD 10 U/D		TOTAL GAS 10 U/D
		50			LS: BFF TO LT BF FRM TO HD F SANDY. POOR YELLOW FLOUR

1-2-07 Samson Exhibit No. 63

B Grapholog

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FIELD SO. CORBIN MORROW WILDCAT
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10980
10966

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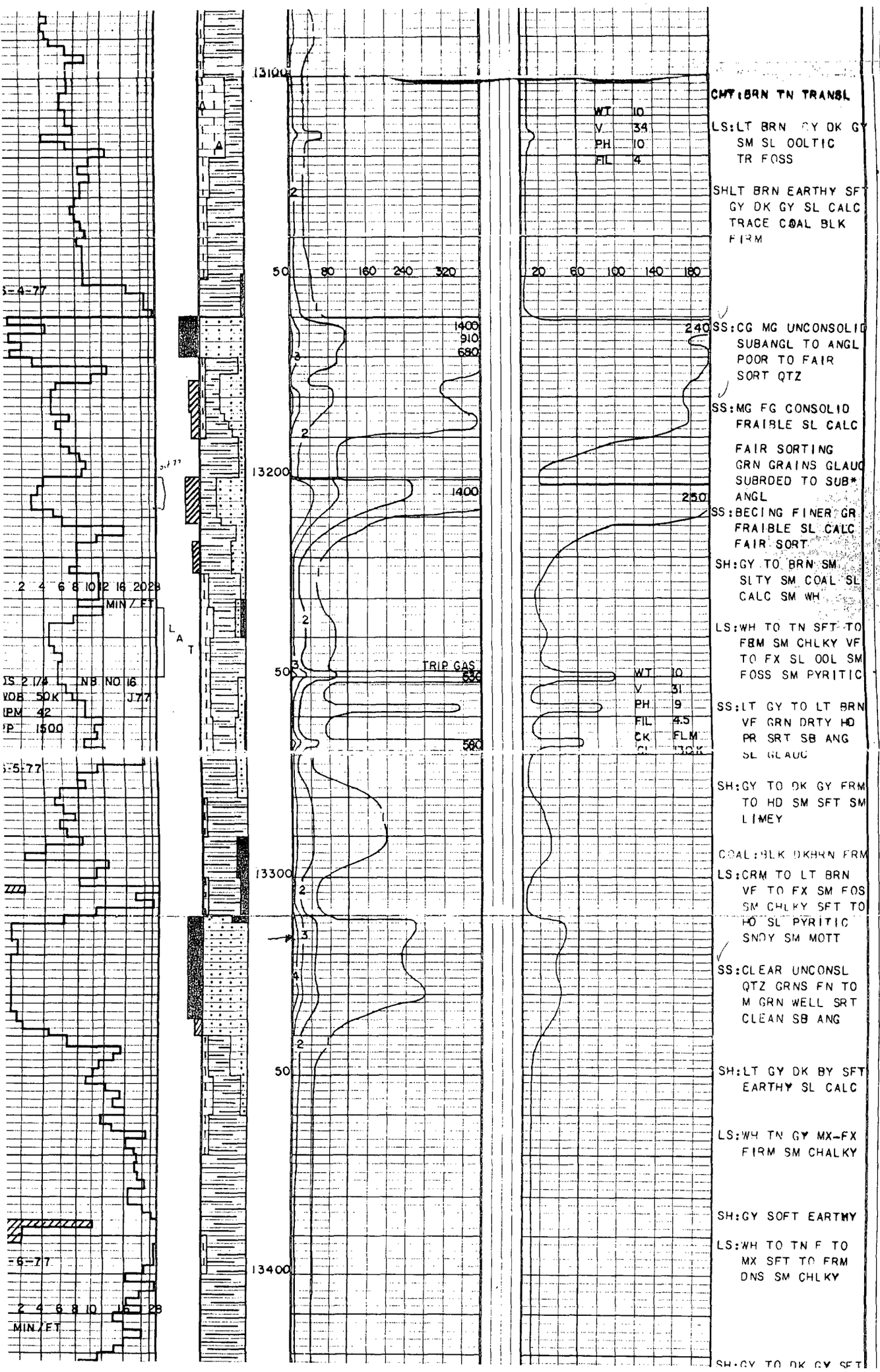
OR	LITH	DEPTH	HYDROCARBON ANALYSIS		REMARKS
F P % SUAL			HOT WIRE: Total Gas ____ Methane (by difference) ____ ELECTRONIC: Methane ____ Ethane ____ 2 Propane ____ 3 Butane ____ 4 Pentane ____ 5		FORMATION DESCRIPTI MUD DATA, DRILL STEM TESTS, et
50 25			PHD CHROMATOGRAPH: 10 Units/Div; Methane; Ethane & Propane; Butane & Pentane; 100	FLUOR: P F G; 25 50 75	HOT WIRE: TOTAL GAS & METHANE 10 Units/Div; CUTTINGS; MUD
		5100	RUN CASING		WT 8.4; V 27; CL 1500; DS 1/4°
	NO RETURNS		PHD 10 U/D		TOTAL GAS 10 U/D
		50			LS: BFF TO LT BF FRM TO HD F SANDY. POOR YELLOW FLOUR

1-2-07 Samson Exhibit No. 63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WT 10
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910
680
240
1400
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TRIP GAS
530
580
WT 10
V 31
PH 9
FIL 4.5
CK FLM
CL 130K
2 4 6 8 10 12 16 20 28
MIN/FT
NB NO 16
J77
WOB 50K
RPM 42
P 1500
2 4 6 8 10 16 28
MIN/FT
CMT:BRN TN TRANSL
LS:LT BRN CY DK GY SM SL OOLTIC TR FOSS
SHLT BRN EARTHY SFT GY DK GY SL CALC TRACE COAL BLK FIRM
SS:CG MG UNCONSOLID SUBANGL TO ANGL POOR TO FAIR SORT QTZ
SS:MG FG CONSOLID FRAIBLE SL CALC FAIR SORTING GRN GRAINS GLAUC SUBRDED TO SUB* ANGL
SS:BECING FINER GR FRAIBLE SL CALC FAIR SORT
SH:GY TO BRN SM SLTY SM COAL SL CALC SM WH
LS:WH TO TN SFT TO FBM SM CHLKY VF TO FX SL OOL SM FOSS SM PYRITIC
SS:LT GY TO LT BRN VF GRN DRTY HD PR SRT SB ANG SL GLAUC
SH:GY TO DK GY FRM TO HD SM SFT SM LIMEY
COAL:BLK DKBRN FRM
LS:CRM TO LT BRN VF TO FX SM FOS SM CHLKY SFT TO HD SL PYRITIC SNDY SM MOTT
SS:CLEAR UNCONSL QTZ GRNS FN TO M GRN WELL SRT CLEAN SB ANG
SH:LT GY DK BY SFT EARTHY SL CALC
LS:WH TN GY MX-FX FIRM SM CHALKY
SH:GY SOFT EARTHY
LS:WH TO TN F TO MX SFT TO FRM DNS SM CHLKY
SH:GY TO DK GY SFT