

Grapholog

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1-2-07 Samson Exhibit No. 64

ABBREVIATIONS

NB = NEW BIT
NCB = NEW CORE BIT
CO = CIRCULATED OUT
DST = DRILL STEM TEST
LAT = LOGGED AFTER TRIP
TG = TRIP GAS
NR = NO RETURNS
DS = DIRECTIONAL SURVEY
DC = DEPTH CORRECTION
DEPTHS CORRESPOND TO DRILL PIPE MEASUREMENTS

RESISTIVITY, OHM-METERS

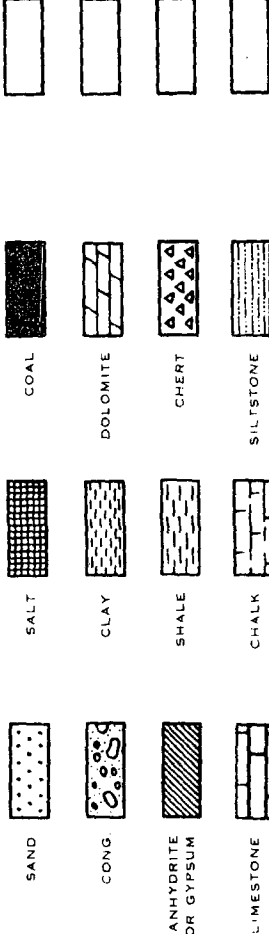
Rm = MUD
Rmc = MUD CAKE
Rmf = MUD FILTRATE

MUD DATA

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

LEGEND

LITHOLOGY



COMPANY AMERADA PET CORP.
WELL NO. 1 STATE W.F.K.
FIELD WILDCAT
COUNTY LEA STATE N. MEXICO
LOCATION 1980' EN A WL SEC. 15, ELEVATION GL EST 3604'
T-21-S, R-35-E
DEPTH LOGGED, FROM 199V TO 12.610 FT.
DATE LOGGED 2-7-67 FILE NO. FL 267-17
CREW CHIEF CHICK WILKERSON TO 11.370' FT.
ORLG FLUID FRESH WATER MUD & LIVE CRUDE TO 12.610' FT.
INVERTED MUD 11.370

HYDROCARBON ANALYSIS

HOT WIRE: Total Gas ELECTRONIC: Methane Butane	Methane (by difference)		2	Propane	3
	4	Pentane	5		
PHD CHROMATOGRAPH		HOT WIRE			
		TOTAL GAS & METHANE			
		Units/Div			
Methane		50			
Ethane & Propane		50			
Butane & Pentane		50			
FLUOR		MUD			
P F G		10			
		100			
		25 50 75			

DRILLING RATE

MIN/FT ☒
FT/HR ☐

4 8 12 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76 80 84 88 92 96 100

LOGGING 2/7/67

5:00 P.M.

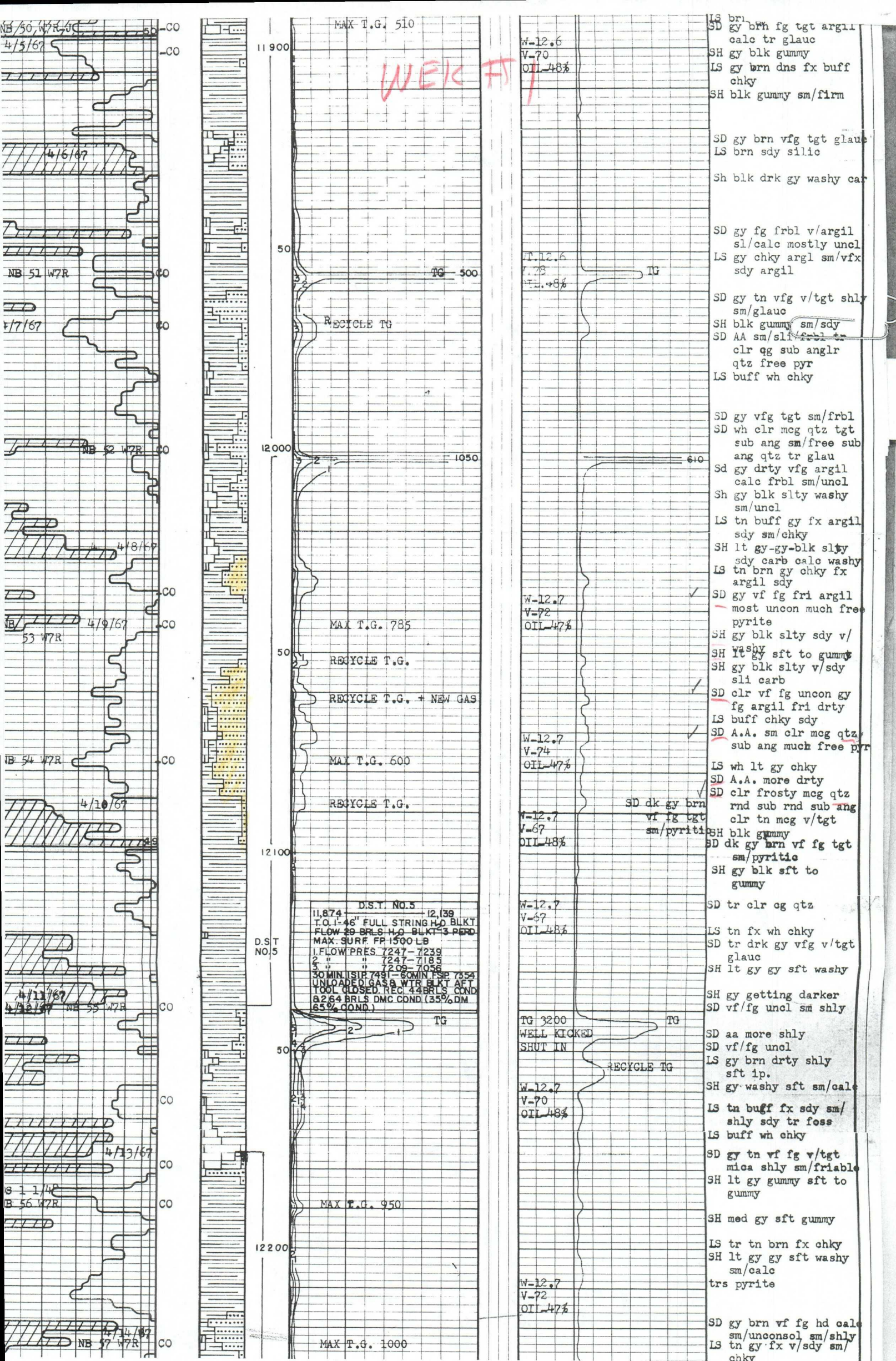
7330'

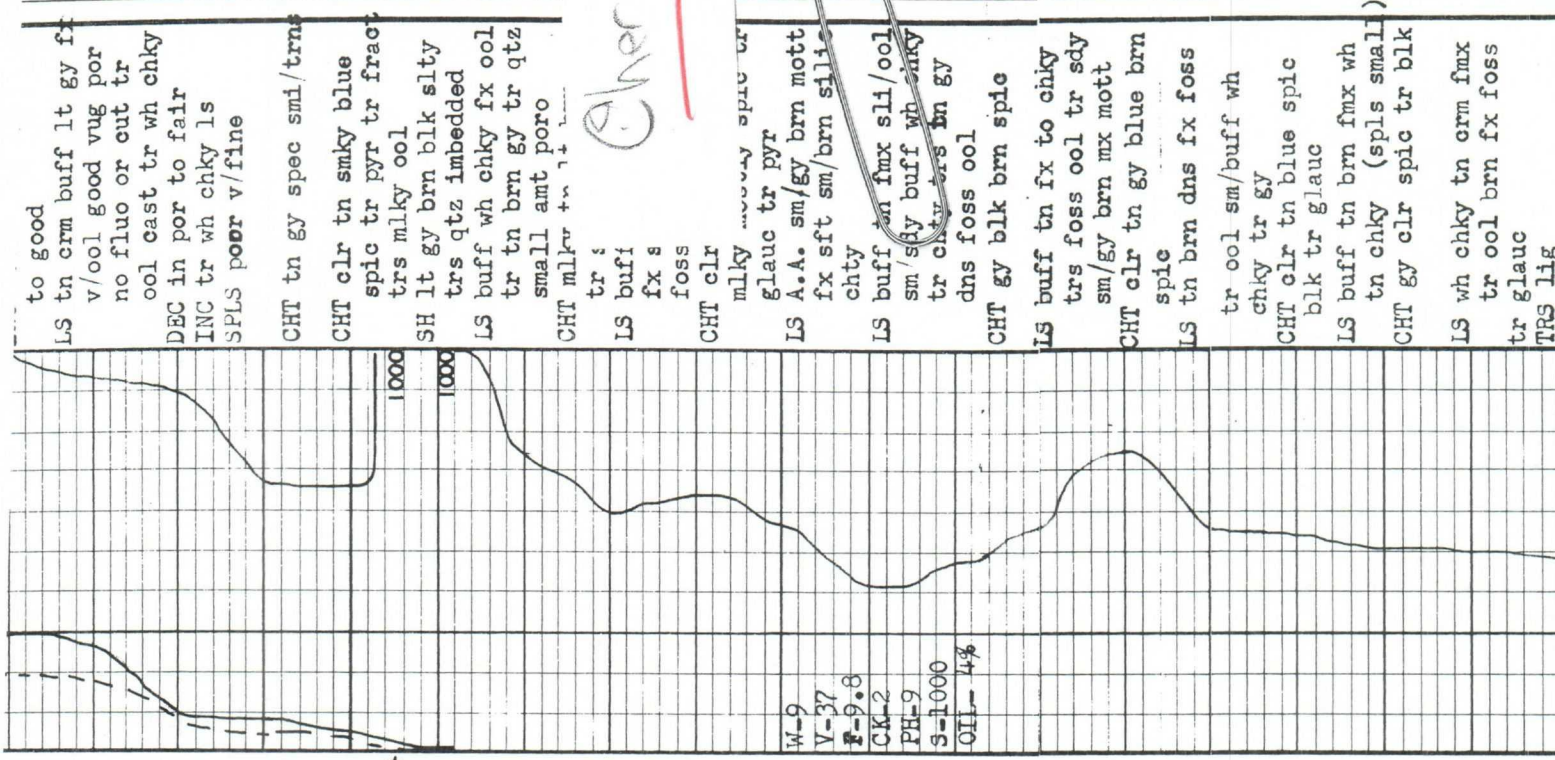
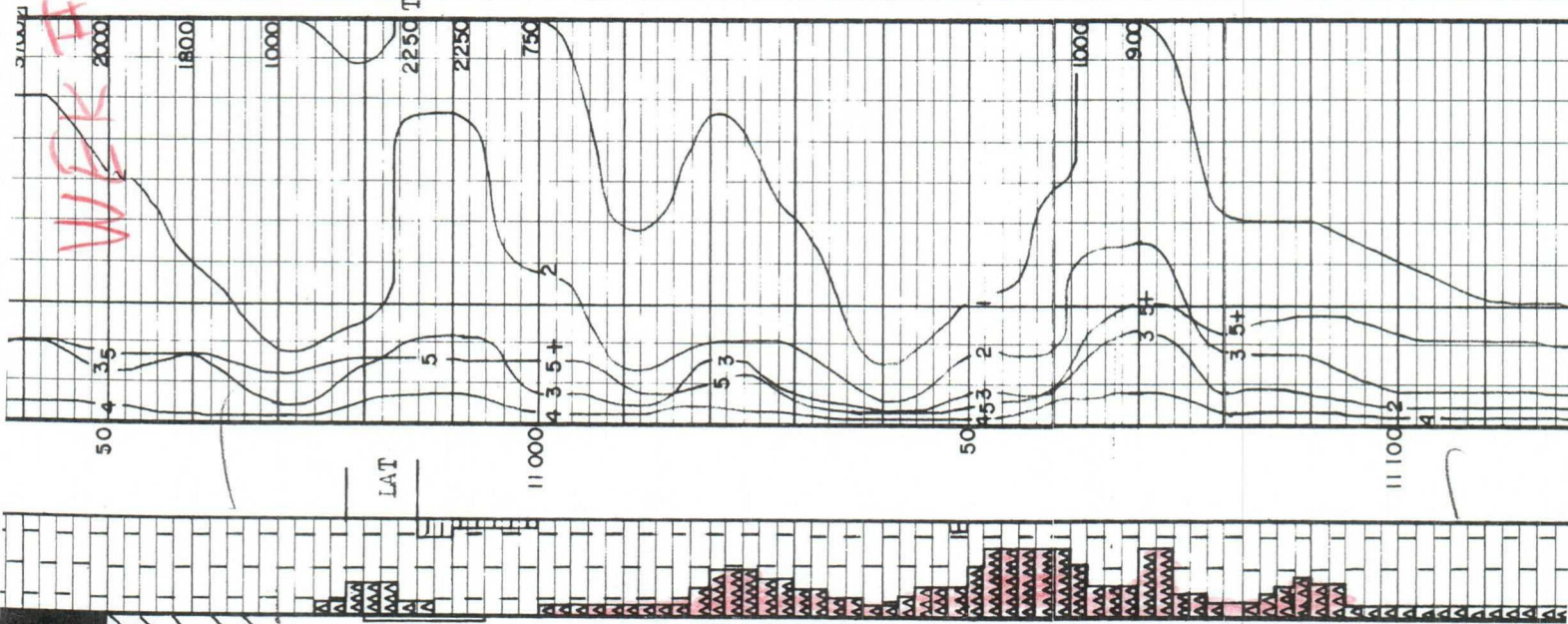
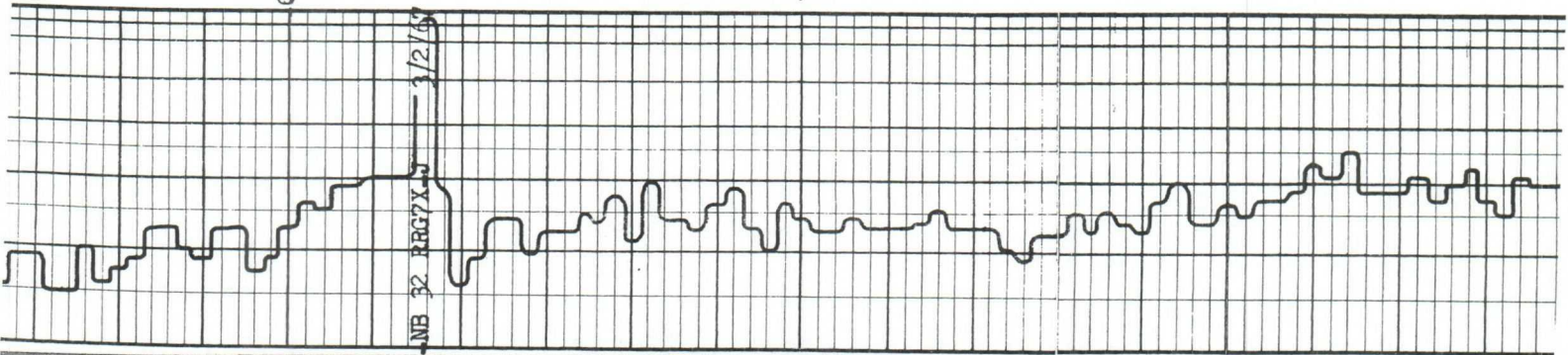
DRILLING W/ FRESH WATER MUD & LIVE CRUDE

REMARKS

FORMATION DESCRIPTION
MUD DATA,
DRILL STEM TESTS, etc.

SD brn shly drty fl





Chart