

Edward Mike Davis, LLC

Niebur No. 41-2

Section 2, T3S, R51W
Washington County, Colorado
June, 2013

Rec'd 7/30/13

Well Summary

The Edward Mike Davis, LLC, Niebur No. 41-2 was drilled to a total depth 4300' in the Skull Creek Fm. without any major problems. It offset the Niebur No. 1 by 1320' to East. Formation top ran high relative to this well. The Niobrara came in 88' high and the Ft. Hays, 57' high. The Greenhorn to the Skull Creek all ran 29' to 33' high. No hydrocarbon shows occurred in the Cretaceous Sands.

The Beecher Island interval of the Niobrara(3064'-3096') contained a 2100 Unit gas kick and consists of a Chalk to very chalky Shale and contained a week residual ring cut. Excellent porosity is noted on logs and slightly gas cut mud after trips and when drilled.

The Niebur No. 41-2 was plugged and abandoned 6/15/13.

Respectfully Submitted,


Peter Debenham

WELL DATA

Operator: Edward Mike Davis, LLC: 730 17th St., Suite 450, Denver, CO 80202

Prospect Geologist: Marty Gottlob, Denver

Well: Niebur No. 41-2, wildcat

Location: NE/NE, 600'FNL & 600'FEL, Sec. 2, T3S-R51W, Washington Co., Colorado,
Lat N39.82879 deg., Long W103.05022 deg.

API No.: 15-121-11025

Elevation: Ground Level 4552', Kelly Bushing 4564'

Contractor: Nebco Drilling Rig No. 8, Toolpusher/owner Gary Naile, Type: Double
jackknife, double stand, Driller: David Mashek, Alan Sampson, Tom Miner

Spud Date: 6/8/13

Total Depth: 6/15/13, Skull Creek Fm., Driller 4300', Logger 4303'

Casing Program: 9 joints of new 8 5/8", 24 Lbs/ft set at 390'.

Mud Program: Quality Drilling Fluids, Ft. Lupton, CO, Engineer Tracy Holbrook

Drillstem Testing: None

Wellsite Consultant: Peter Debenham, P.O. Box 350, Drake, CO 80515, 720/220-4860,
Perrolific@gmail.com

Samples: 30' to 3900', 10' to TD.

Electric Logs: Schlumberger, engineer Keri Loring, Platform express, 1) Array Induction,
2) Neutron/Density

Status: Plugged and abandoned 6/15/13

<u>DATE</u>	<u>DEPTH</u>	<u>WT</u>	<u>MUD PROPERTIES</u>				<u>WL</u>	<u>CL</u>	<u>LCM-LBS/BBL</u>
			<u>VIS</u>	<u>PV</u>	<u>YP</u>	<u>pH</u>			
6/10	2164'	8.4	26	--	--	8	--	400	--
6/11	3021'	8.9	62	16	14	10.5	6.4	850	--
6/12	3680'	9.4	47	18	14	9.5	6.4	850	2
6/13	4071'	9.5	72	27	29	9.0	9.0	900	2
6/14	4195'	9.7	74	27	29	8.0	6.0	900	1

<u>NO.</u>	<u>MAKE</u>	<u>TYPE</u>	<u>BIT RECORD</u>		<u>FOOTAGE</u>	<u>HOURS</u>
			<u>SIZE</u>	<u>OUT</u>		
1	RR	VTC	12 1/4"	402'	402'	5 1/4
2	WLS	116	7 7/8"	4084'	3666'	53 1/4
3	WLS	517x	7 7/8"	4300'	216'	17 1/4
Total Rotating Hours:						65 3/4
Average:						65.4 ft/hr

DEVIATION RECORD

402' 1, 891' 1, 986' 1, 1391' 1 1/4, 2490' 4, 2612' 3 3/4, 2859' 1/2, 3231' 1 1/2, 4084' 2, 4300' 2

ELECTRIC LOG FORMATION TOPS- KB Elev. 4564'

<u>FORMATION</u>	<u>DEPTH</u>	<u>DATUM</u>	<u>*Niebur No. 1</u>	
			<u>DATUM</u>	<u>POSITION</u>
Surface Casing	390'			
Niobrara	3039'	1525'	1437'	+88
Ft. Hays	3492'	1072'	1015'	+57'
Carlile	3548'	1016'		
Greenhorn	3678'	886'	853'	+33'
X Bentonite	3874'	690'	658'	+32'
D SS	3967'	597'	565'	+32'
J1 SS	4021'	543'	513'	+30
J2	4076'	488'	459'	+29
Skull Creek	4208'	356'		
TD	4300'	264'		

*R.E. Hibbert, Niebur No. 1 – 1320' to the West, K.B. Elev. 4565'.

Petrolific Consulting Services

Peter Debenham

P.O. Box 350
Drake, Colorado 80515

Wellsite Geology

720/220-4860
petrolific@earthlink.net

Scale 1:240 (5"=100') Imperial

Well Name: Edward Mike Davis, LLC. Niebur No. 41-2

Location: 600'FNL & 600'FEL, Sec. 2, T3S-R51W, Washington Co., CO

Licence Number: API: 15-075-20865

Region: DJ Basin

Spud Date: 6/8/13

Drilling Completed: 6/14/13

Surface Coordinates: 600'FNL & 600'FEL, Sec. 2, T3S-R51W, Washington Co., CO

Bottom Hole Coordinates: 600'FNL & 600'FEL, Sec. 2, T3S-R51W, Washington Co., CO

Ground Elevation (ft): 4552'

K.B. Elevation (ft): 4564'

Logged Interval (ft): 2900'

To: TD

Total Depth (ft): 4300'

Formation: Niobrara - Skull Creek

Type of Drilling Fluid: Chemical Gel/LSND/LCM, mud up for the Niobrara

Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Edward Mike Davis, LLC

Address: 730 17th St., Suite 450, Denver, CO 80202

GEOLOGIST

Name: Wellsite: Peter Debenham

Company: Petrolific Consulting Services

Address: P.O. Box 350

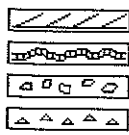
Drake, CO 80515

720/220-4860, Petrolific@gmail.com

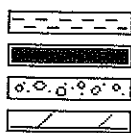
Comments

Nebco Rig 8, T.P. Owner Gary Naile, doubleknife double stand, Quality Drilling Fluids engineer Tracy Holbrook. Schlumberger engineer Keri Loring, Plugged and abandoned 6/15/13.

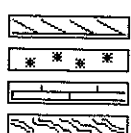
ROCK TYPES



Anhy
Bent
Brec
Cht



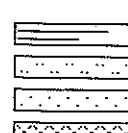
Clyst
Coal
Congl
Dol



Gyp
Igne
Lmst
Meta



Mrlst
Salt
Shale
Shcol



Shgy
Sltst
Ss
Till

ACCESSORIES

FOSSIL

Algae
Amph
Belm
Bioclst
Brach
Bryozoa
Cephal
Coral
Crin
Echin
Fish
Foram
Fossil
Gastro
Oolite

Ostra
Pelec
Pellet
Pisolite
Plant
Strom

MINERAL

Anhy
Arggrn
Arg
Bent
Bit
Brecfrag
Calc
Carb

Chtdk
Chtlt
Dol
Feldspar
Ferrpel
Ferr
Glau
Gyp
Hvymin
Kaol
Marl
Minxl
Nodule
Phos
Pyr
Salt

Sandy
Silt
Sil
Sulphur
Tuff

STRINGER

Anhy
Arg
Bent
Coal
Dol
Gyp
Ls
Mrst
Sltstrg

Ssstrg

TEXTURE

Boundst
Chalky
Cryxln
Earthy
Finexln
Grainst
Lithogr
Microxln
Mudst
Packst
Wackest

OTHER SYMBOLS

INTERVALS

Core
Dst

EVENTS

Rft
Sidewall

POROSITY TYPE

Earthy
Fenest
Fracture
Inter
Moldic
Organic

Pinpoint
Vuggy

SORTING

Well
Moderate
Poor

ROUNDING

Rounded
Subrnd
Subang
Angular

OIL SHOWS

Even
Spotted
Ques
Dead

Curve Track 1

ROP (min/ft)

TG, C1-C5

TG (units)
C1 (units)
C2 (units)
C3 (units)
C4 (units)
C5 (units)

Lithology

Geological Descriptions

SH: Med to dk gy to brn blk y wxy non-calc

SH: Med to dk gy to brn blk y wxy non-calc

100

TG, C1-C5

500

2950

Depth

Oil Shows

ROP (min/ft)

Wt 8.9
Vis 62
PV 16
YP 14
WI 10.5
WL 6.4

Niobrara

Beecher Island

Pason depth correction -
lost data.

3000

3050

3100

3150

SH: Med to dk gy to brn blk y wxy non-calc

SH: Md to dk gy to brn blk y wxy fm

SH: Lt to med spec bm to gy s&p lt mot brnto gy
with lt brn chlk inclis micsuc sbchky brit micsuc
with tr xln por carb inclis no flr v wk resd ring cut
when dried no stn

SH: Lt to med spec bm to gy s&p lt mot brnto gy
with lt brn chlk inclis micsuc sbchky brit micsuc
with tr xln por carb inclis no flr v wk resd ring cut
when dried no stn

SH: Lt to med spec bm to gy s&p lt mot brnto gy

Note Scale Change

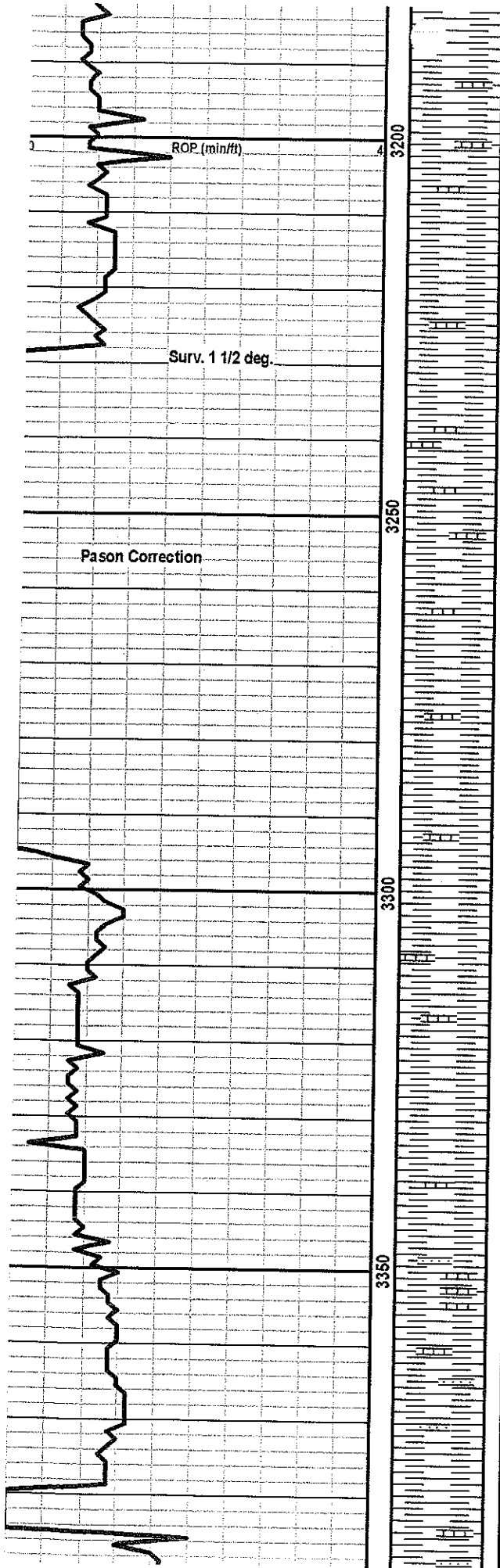
Scale Change
TG, C1-C5

2000

200

300

1700 - 2100 U.



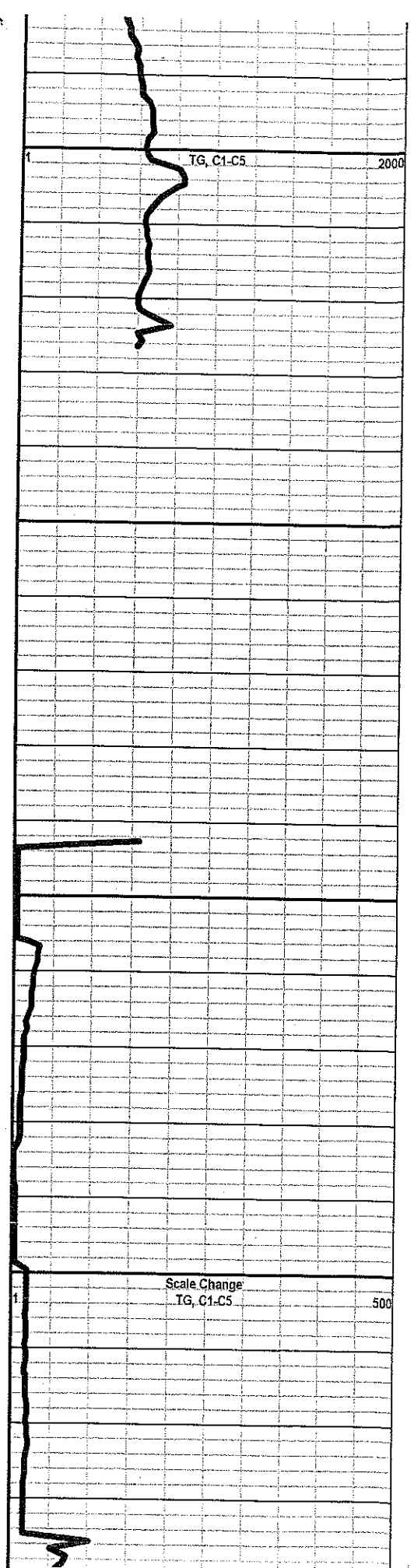
with lt brn chlk inclis micsuc sbchky brit micsuc
with tr xln por carb inclis no flr no stn or cu

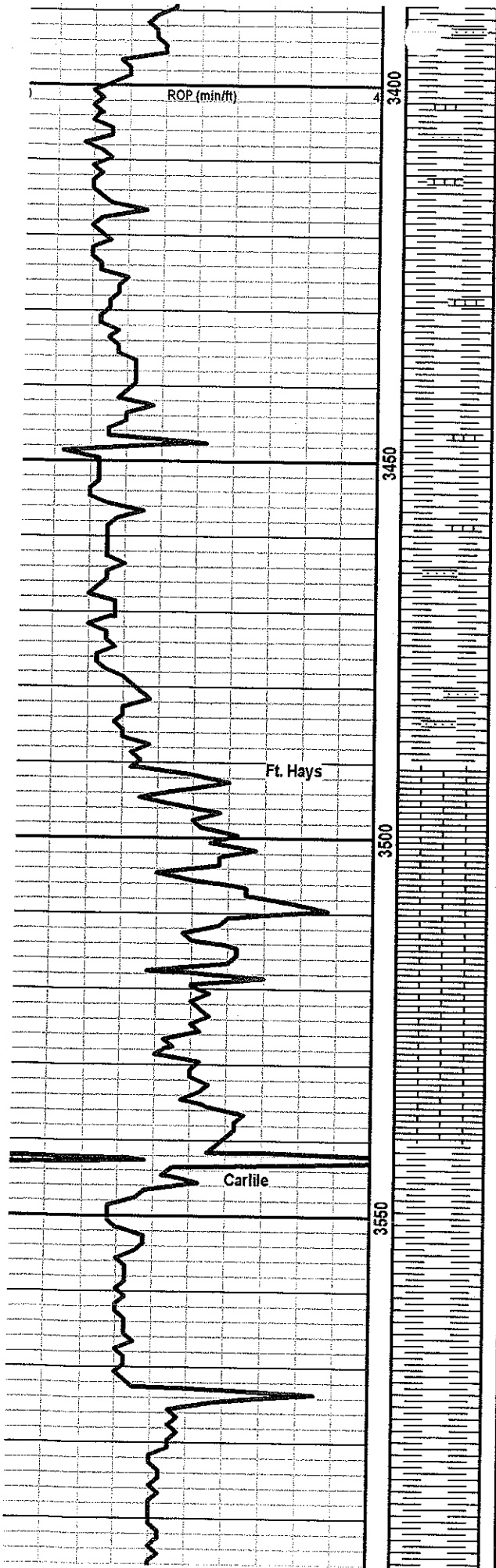
SH: Med to lt mot bm to gy s&p lt spec gy with
chalk inclis v calc carb inclis no show with SH:
Med gy to gygn blkly wxy calc

SH: Med to lt mot bm to gy s&p lt spec gy with
chalk inclis v calc carb inclis no show with SH:
Med gy to gygn blkly wxy calc

SH: Med to lt mot bm to gy s&p lt spec gy with
chalk inclis v calc carb inclis no show with SH:
Med gy to gygn blkly wxy calc

SH: Med to lt mot bm to gy s&p lt spec gy with
chalk inclis v calc carb inclis no show with SH:
Med gy to gygn blkly wxy calc



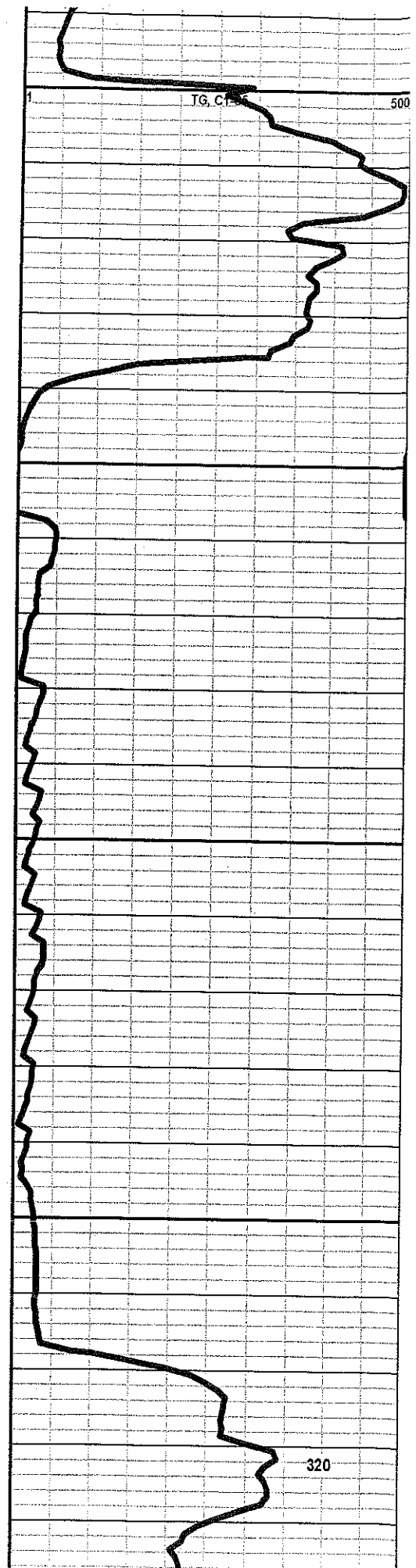


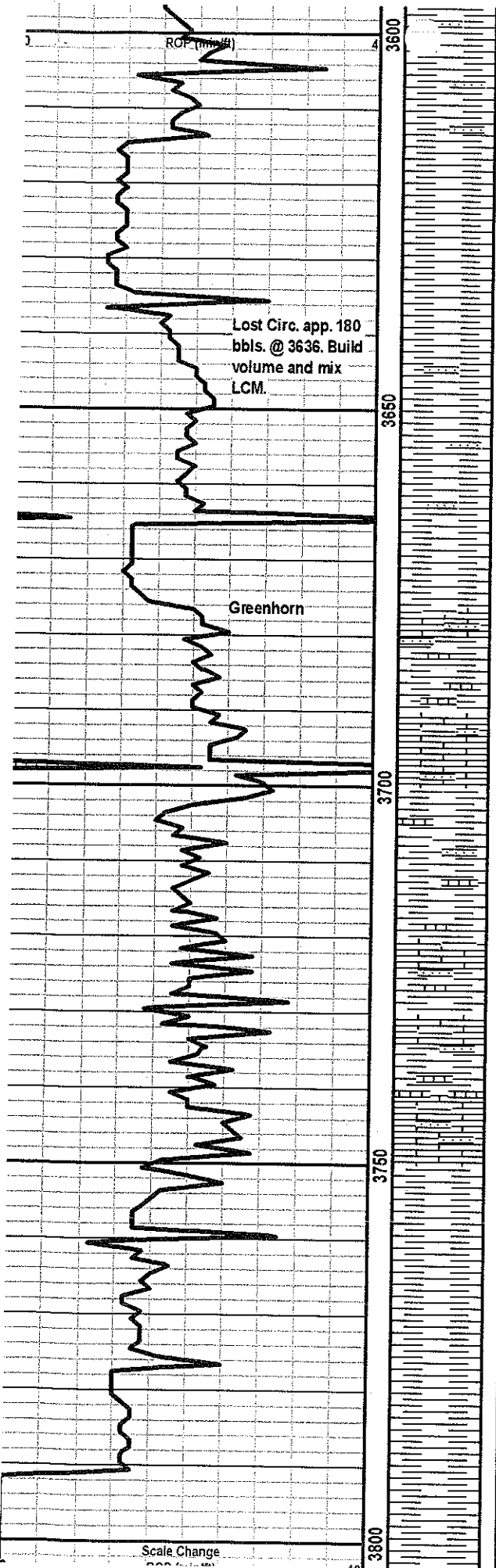
SH: Med to lt mot bm to gy s&p lt spec gy with
chalk inclcs v calc carb inclcs no show with SH:
Med gy to gygn blkly wxy calc

SH: Med to lt mot bm to gy s&p lt spec gy with
chalk inclcs v calc carb inclcs no show with SH:
Med gy to gygn blkly wxy calc

LS: Wh bf f xln micsuc sbchky cln p vis por no
flor no stn or cut

SH: Med to dk brn blkly frm to sft wxy sndy ip occ
with Niobrara chlk inclcs v calc no show





SH: Med to dk brn blkly frm to sft wxy sndy in c with Niobrara chlk incl v calc no show

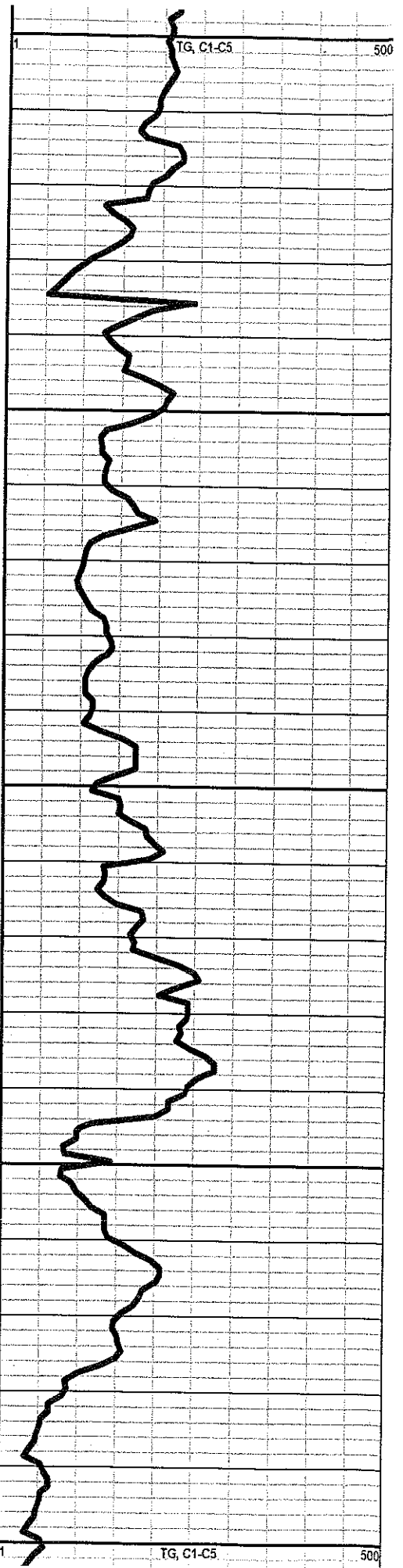
Poor spl qlty - lost circ. SH: aa

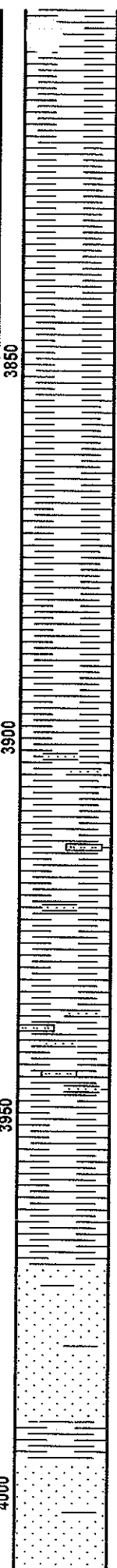
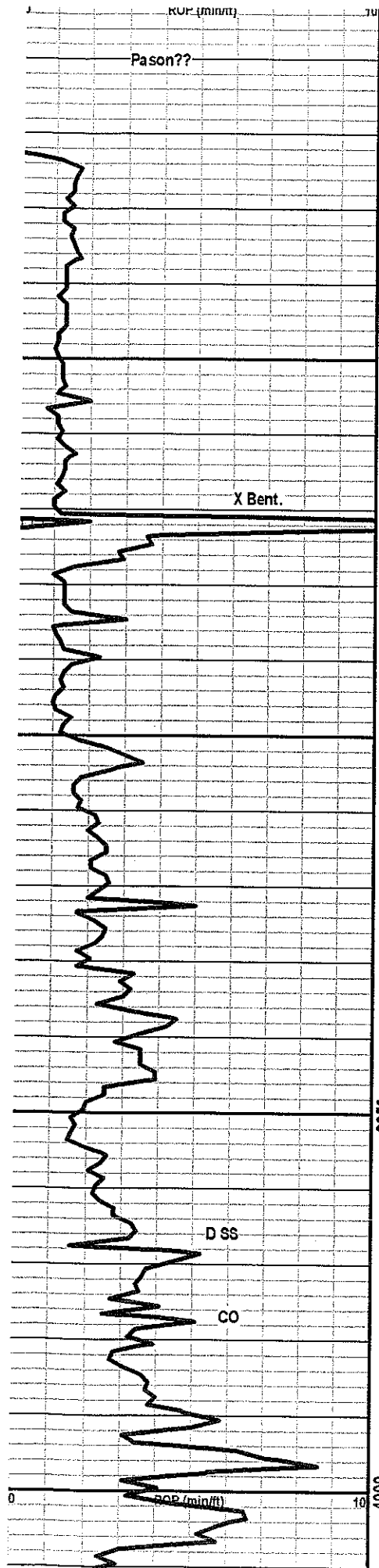
SH: Med to dk mot brn to gy frm wxy blkly occ lt brn Niob chlk incl no shows

LS: Med mot brn to gy micr f xln hd dns arg to mrlty sndy ip carb incls tt no flor no stn or cut intbd with SH: Mot brn to gy hd blkly calc sndy ip pyr with SH: Gy frm sbfis wxy carb

LS: Med mot brn to gy micr f xln hd dns arg to mrlty sndy ip carb incls tt no flor no stn or cut intbd with SH: Mot brn to gy hd blkly calc sndy ip pyr with SH: Gy frm sbfis wxy carb

SH: Dk brn gy frm sbfis to blkly wxy to sndy ip carb





SH: Dk brn gy frm sbfis to blk y wxy to sndy ip carb

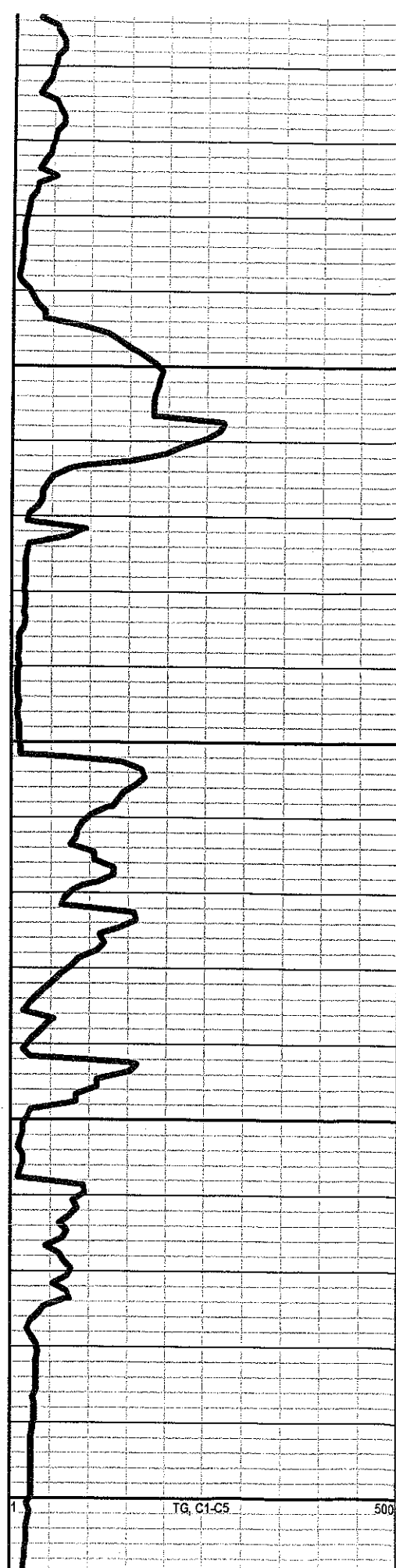
SH: aa tr BENT: Lt brn bf sft chky

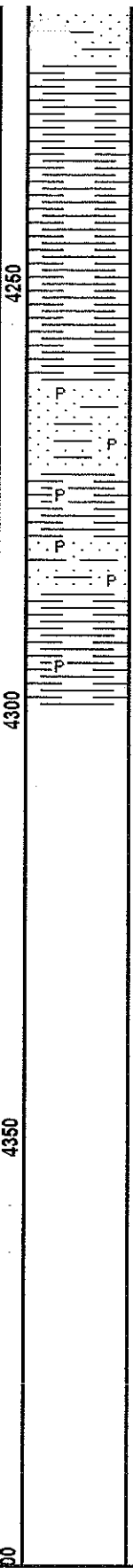
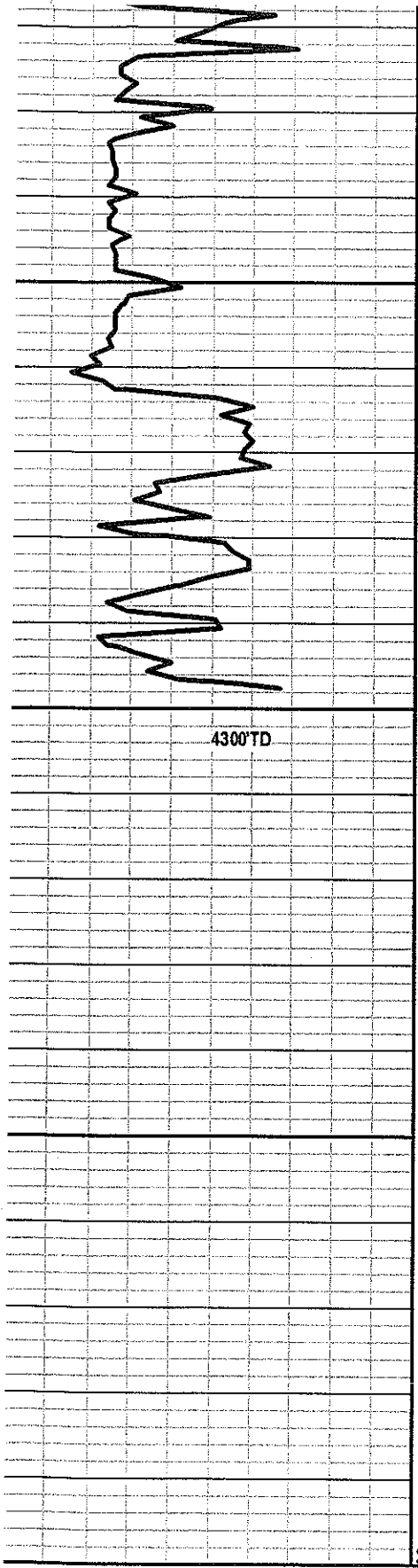
SH: Dk brn gy frm sbfis to blk y wxy to sndy ip carb with tr tr BENT: Lt brn bf sft chky

SH: Dk gy blk frm blk y wxy to sily & ooc grng to SLTST/vf SS: Mot gy hd dns vf gr sil & clay infill carb tt no show

SS: Med to lt mot brn S&P med brn hd to fri ip fu/fl w srt d sbrnd grs sil cmt cln to arg abt carb & clay inclis sl arkic & glauc tt to gd intgran por no flor no stn or cut

SS: Med to lt mot brn S&P med brn hd to fri ip fu/fl w srt d sbrnd grs sil cmt cln to arg abt carb & clay inclis sl arkic & glauc tt to gd intgran por no flor no stn or cut





blng gy gygnnd stn in w stn sumn gys sh & clay
cmt carb tt no show

SH: Blk dk brn to gy frm to sft sbfis to blk y wxy
carb pyr ip with free Pyr

SS: S&P med gy hd dns vf w srt d grs sil cmt pyr
arg tt no flr no stn or cut abt free pyr intbd with
SH: aa

