

LITHOLOGY STRIP LOG

WellSight Systems

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

Well Name: #1 Laurita
Location: 2160' FSL & 620' FEL, Sec. 30-T12S-R17W, Ellis Co., KS.
Licence Number: 15-051-26076-0000
Spud Date: 1/7/2011
Surface Coordinates: 2160' FSL & 620' FEL, Sec. 30-T12S-R17W
Region: Schmeidler Field
Drilling Completed: 1/17/2011

Bottom Hole Same as above
Coordinates:
Ground Elevation (ft): 2097' K.B. Elevation (ft): 2102'
Logged Interval (ft): 2900' To: 3760'TD Total Depth (ft): 3760'
Formation: Conglomerate at Total Depth
Type of Drilling Fluid: Freshwater/Gel to 2770'; Chemical Gel 2770' to TD.

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

OPERATOR

Company: Oil Producers, Inc. of Kansas
Address: 1710 Waterfront Parkway
Wichita, KS. 67206-6603

GEOLOGIST

Name: Jon D. Christensen
Company: Consulting Petroleum Geologist
Address: 9002 W. Silver Hollow St.
Wichita, KS. 67205-8856

Cores

None Taken

DSTs

DST #1(Lansing "D - G" zones) 3432' - 3504'(Corrected Depths to LOG) Test Times 30"-60"-45"-90" IFP Weak Blow built to 3.75", FFP Weak Blow built to 2.25", no Blowback on SI's; REC: 65' Oil Spotted Mud, 60' VSOCWM(2%O, 8%W, 90%M), CI 120,000, Mud 4700; IFP 18-45#, ISIP 826#, FFP 49-78#, FSIP 803#, IHP 1692#, FHP 1651#, BHT 97 Deg. F.

DST #2(Kansas City "H" - "I" - "J" zones) 3544' - 3588'(Corrected Depths to LOG) Test Times 30"-60"-45"-90" IFP Weak Blow built to 1.25", FFP Weak Blow built to 0.25", no Blowback on SI's, REC: 30' OCM(15%O, 85%M), no water; IFP 16-23#, ISIP 831#, FFP 24-27#, FSIP 569#, IHP 1761#, FHP 1708#, BHT 96 Deg. F.

Comments

1/7/2011 MIRU Mallard JV., Inc. Spud at 7:45 PM.; 1/8/2011 TD. 256' - Running 8 5/8" Surface Casing;
 1/9/2011 Drilling at 1137'; 1/10/2011 Drilling at 2283' : Due to extreme Cold weather conditions, Shut Down Rig
 at 2316' - Pulled pipe and drained up - through 1/12/11; 1/13/11 TD. 2316' - Resumed drilling operations;
 1/14/11 Drilling at 2658'; 1/15/11 Drilling at 3271'; 11/16/11 TD. 3506' TOH w/DST #1; 1/17/11
 Drilling at 3651', reached TD. 3760' at 9:45 AM., Ran Superior Well Service Openhole Logs - LTD. 3758' - D & A.

Set 8 5/8"(23#) Surface Casing at 256' w/160 Sx. cement(Quality Cementing Co.). Cement Did Circulate. PD.
 8:45 AM. on 1/8/2011.

Surveys: 0.75 Deg. at 256'(Surface Casing); 1 Deg. at 3506'(DST #1); 1 Deg. at 3760' TD.


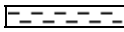

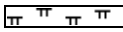
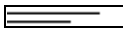
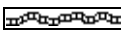




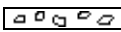


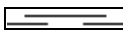

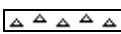


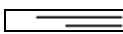

Pipe Strap at 3506'(DST #1): Strap 0.07' Short to the Board, no correction made to the Board.

NOTE: This log was shifted upward by 2' for correlation purposes with the Superior Well Services openhole
 logs.






































































LOG TOPS: Anhydrite 1328(+774), Base Anhydrite 1374(+728), Topeka 3105(-1003), Queen Hill Shale
 3272(-1170), Heebner Shale 3348(-1246), Toronto 3371(-1269), Lansing "A" 3398(-1296), Lansing "D"
 3444(-1342), K.C. "H" 3534(-1432), K.C. "J" 3576(-1474), Base Kansas City 3635(-1533), Conglomerate Chert
 3736(-1634), Arbuckle Not Penetrated.

After review of the Superior Well Service openhole logs, DST data, structural position and lack of commercial
 quantities of hydrocarbons, the operator elected to Plug and Abandon the Laurita #1 on 1/17/2011 at RTD.
 3760'.

ROCK TYPES

 Anhy	 Clyst	 Gyp	 Mrlst	 Shgy
 Bent	 Coal	 Igne	 Salt	 Sltst
 Brec	 Congl	 Lmst	 Shale	 Ss
 Cht	 Dol	 Meta	 Shcol	 Till

ACCESSORIES

MINERAL	 Gyp	FOSSIL	 Ostra	 Sltstrg
 Anhy	 Hvymin	 Algae	 Pelec	 Ssstrg
 Arggrn	 Kaol	 Amph	 Pellet	TEXTURE
 Arg	 Marl	 Belm	 Pisolite	 Boundst
 Bent	 Minxl	 Bioclst	 Plant	 Chalky
 Bit	 Nodule	 Brach	 Strom	 Cryxln
 Brecfrag	 Phos	 Bryozoa	STRINGER	 Earthy
 Calc	 Pyr	 Cephal	 Anhy	 Finexln
 Carb	 Salt	 Coral	 Arg	 Grainst
 Chtdk	 Sandy	 Crin	 Bent	 Lithogr
 Chtlt	 Silt	 Echin	 Coal	 Microxln
 Dol	 Sil	 Fish	 Dol	 Mudst
 Feldspar	 Sulphur	 Foram	 Gyp	 Packst
 Ferrpel	 Tuff	 Fossil	 Ls	 Wackst
 Ferr		 Gastro	 Mrst	
 Glau		 Oolite		

OTHER SYMBOLS

- POROSITY**
- E Earthy
 - F Fenest
 - F Fracture
 - X Inter
 - M Moldic
 - O Organic
 - P Pinpoint

V Vuggy

- SORTING**
- W Well
 - M Moderate
 - P Poor

- ROUNDING**
- R Rounded
 - r Subrnd
 - a Subang
 - A Angular

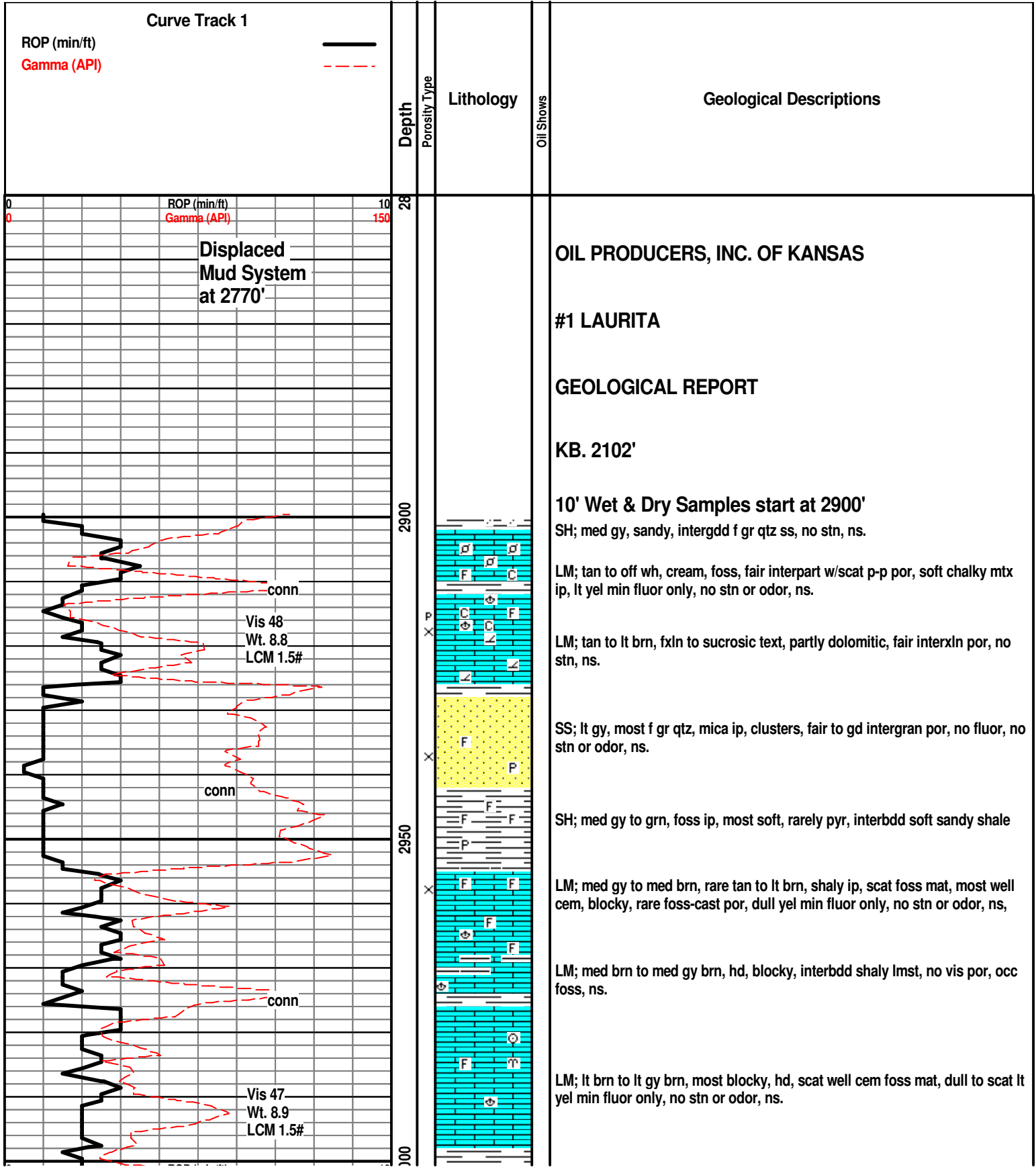
OIL SHOW

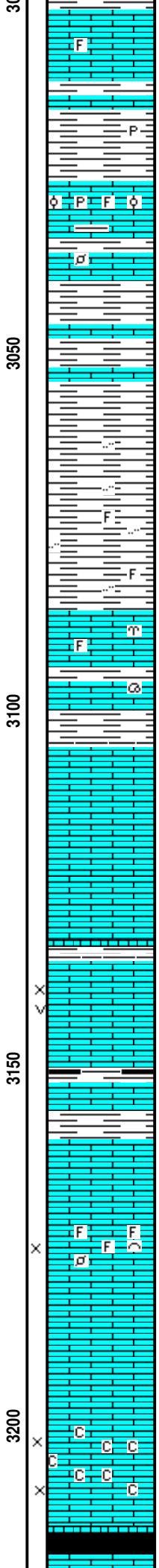
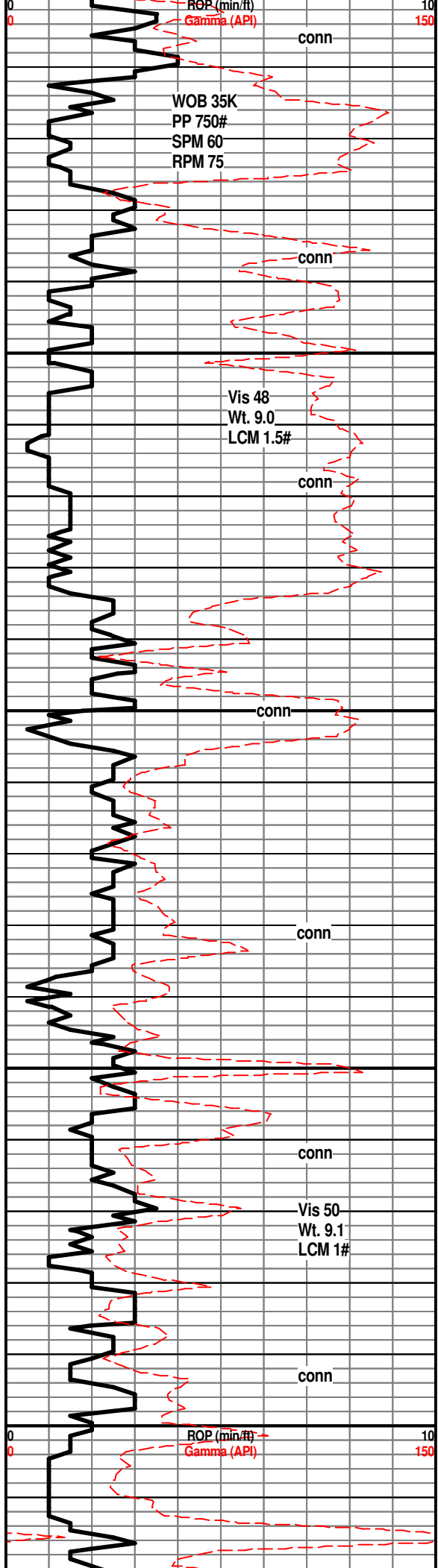
- Even

- Spotted
- Ques
- D Dead

- INTERVAL**
- Core
 - Dst

- EVENT**
- ▽ Rft
 - ▴ Sidewall





LM; med brn, occ dk brn, hd, blocky, most micritic, tite

SH; med gy to grn, fiss to soft, rare pyr

LM; tan to lt gy brn, v. foss ip, interbdd hd shaly lmst, no vis por, scat lt yel min fluor, no stn or odor, ns.

SH; med gy, occ dk gy, interbdd thin hd lmst strngs, platy

SH; med gy, grn, lt gy, platy, occ silty, most smooth

SH; med gy, firm, platy, occ foss

LM; dk brn, gy brn, dense, foss ip, most blocky, tite

SH; dk gy, firm
TOPEKA 3105(-1003)

LM; off wh, wh, tan, foss, most well cem, lt yel min fluor, no vis por, no stn or odor, n.s

LM; lt gy to lt brn, most micritic, blocky, no vis por, tite

TOPEKA POROSITY 3135(-1033)

LM; tan to buff, off wh, f to med xln, gd interxln w/scat vug por, lt yel fluor, no stn or odor, barren, ns.

LM; tan to lt brn, hd, blocky, tite

SH; dk gy to blk, fiss

LM; lt brn, some med gy brn, blocky, most dense, micritic, tite

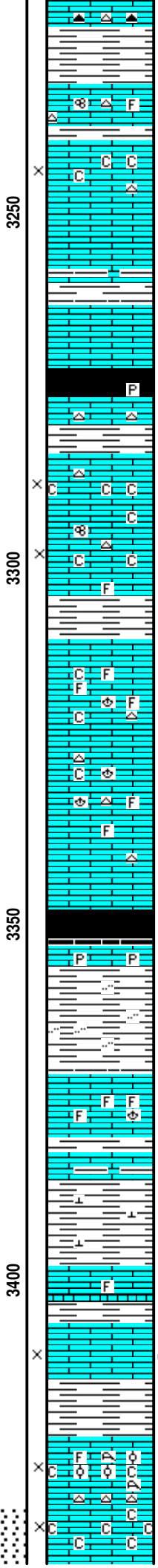
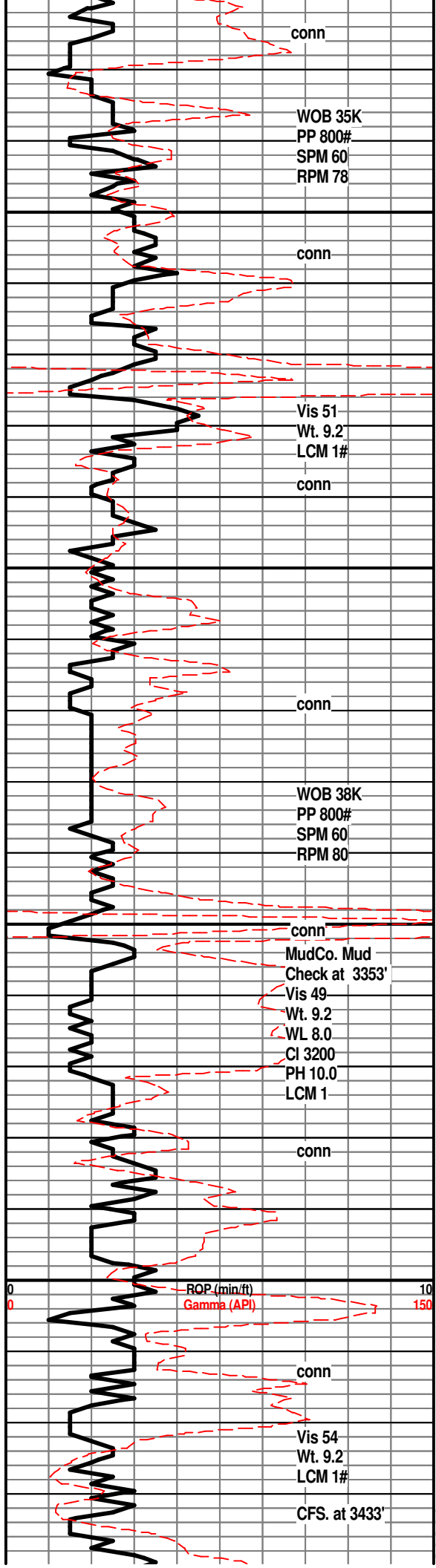
LM; lt to med brn, foss, scat fair interpart por, rare med yel fluor, few pcs. w/blk tar - dead oil specks, no live shows, no odor, no cut

LM; lt to med brn, occ gy brn, most dense, micritic, tite

LM; off wh, tan, cream, fxln, fair interxln por, v. soft chalky mtx, dull yel min fluor, no stn or odor, ns.

KING HILL SHALE 3215-1113)

SH; blk, carb ip, platy to blocky, occ pyr



LM; med brn, hd, blocky, dk gy foss cht, tite

LM; tan to cream, buff, foss, most fxln, scat tan cht, no vis por, dull yel min fluor only, no stn or odor, ns.

LM; off wh, tan to cream, f to med xln, scat soft chalky mtx, fair interxln por, dull yel min fluor only, no stn or odor, ns.

LM; tan to lt brn, hd, most micritic, interbdd shaly lmst & lmy shale, no vis por, ns.

QUEEN HILL SHALE 3272(-1170)
 SH; blk, carb ip, rarely pyr, platy
 LM; med to dk brn, hd, scat spar calc xtals, cherty ip, tite

LM; tan to cream, lt brn, fxln w/soft chalky mtx ip, fair interxln por ip, no fluor, scat tan to lt brn foss cht, no stn, ns.

LM; tan to lt brn, fxln, scat foss mat - most well cem, minor amt of chalky mtx, poor interxln por, no fluor, ns.

SH; med gy, occ dk gy, fiss to flakey

LM; tan to cream, buff, fxln, scat foss mat, rarely chalky mtx, poor to no vis por, no stn or odor, ns.

LM; tan to lt brn, buff, foss to fxln, most dense, scat lt to med gy and tan cht, dull yel min fluor, no stn or odor, ns.

HEEBNER SHALE 3348(-1246)
 SH; blk, carb ip, platy
 LM; med brn, hd, pyr ip, tite

SH; lt to med gy grn, rarely silty, soft and sticky ip.

TORONTO 3371(-1269)
 LM; off wh, tan to cream, foss, most well cem, blocky, lt to med yel min fluor, no vis stn, no odor, ns.

LM; tan to lt brn, hd, most micritic, interbdd shaly lmst, no fluor, no vis por, ns.

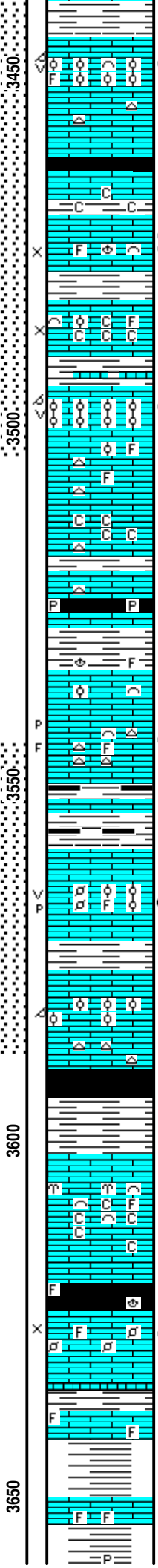
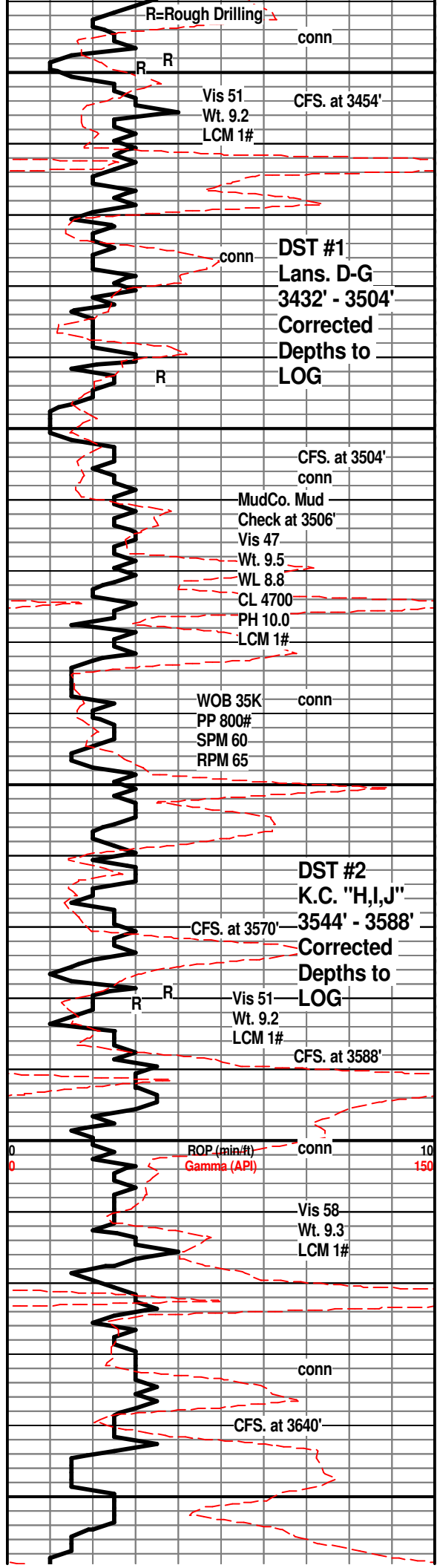
SH; rust red, red brn, maroon, firm to soft, calc

LANSING 'A' 3398(-1296)
 LM; tan to lt brn, hd, most micritic, blocky, no vis por, rarely foss, scat spar calc strks, lt yel min fluor only, no stn or odor, ns.

LM; tan to lt brn, fxln, 2 pcs. w/dk brn live oil stn, no odor, poor interxln por, most looks tite, fair cut, no F.O.

LANSING 'C' 3422(-1320)
 LM; off wh, foss w/some oolitic lmst, few corals, scat poor to fair interpart por, minor chalky mtx, no vis oil stn, no odor, no cut, ns. w/gy and tan cht

LM; off wh, wh, med xln, fair interxln por ip, abnt soft chalky mtx, dull yel fluor, ns.



LANSING 'D' 3444(-1342)

LM; off wh, oolitic/oomoldic/foss, fair to gd oomoldic w/occ vug por, much even dk brn live oil stn, SSFO, med yel fluor, gd streaming cut, faint odor, few pcs. bleeding oil

LM; tan to lt brn, foss - well cem, scat tan to gy cht, tite

SH; blk, v. dk gy, fiss

LM; tan to off wh, buff, sucrosic text ip, fxln, occ soft chalky mtx, no stn or odor, no fluor, ns.

LM; lt brn, foss, scat fair interpart por, spotted to even med brn oil stn, fair odor, med golden yel fluor, SSFO, fair to gd cut, not alot of show in the samples

LM; tan to off wh, foss, abnt foss hash, chalky mtx, trc dk brn oil stn, fair interpart por, lt yel fluor, no odor, no cut, most barren

LANSING 'G' 3494(-1392)

LM; tan to off wh, lt brn, oolitic, fair oomoldic por, scat live oil stn at top, faint odor, med yel fluor, some barren por, rare vug por

DST #1: Lansing "D - G" zones 3432' - 3504' Corrected Depths to Log

LM; tan to cream, buff, foss ip - scat well cem oolites, interbdd wh cht, no vis por, dull yel min fluor only, ns.

SH; blk, platy, thinly bdd, occ pyr

KANSAS CITY 'H' 3534(-1432)

LM; off wh, tan, fxln, sparse foss mat, poor p-p por, rare med brn spotted oil stn, occ cherty w/scat oil stn in the chert - poss fractures, v. faint odor, dull to occ lt yel fluor, no F.O., weak to fair cut, most looks tite

SH; dk gy, gy grn, firm to flakey, interbdd hd lmst strngs.

K.C. 'I' 3559(-1457)

LM; off wh, tan, foss to pelletal, most with fair to gd p-p and vug por, fair/gd oil odor, SSFO, med yel fluor, gd cut, most w/even med brn oil stn

K.C. 'J' 3576(-1474)

LM; lt gy to off wh, tan, oolitic, fair oomoldic por, trc lt brn oil stn, questionable odor, dull yel fluor, weak/no cut, no F.O.

DST #2: K.C. "H" - "I" - "J" zones 3544' - 3588' Corrected Depths to Log

SH; dk gy to blk, grn, fiss to soft

K.C. "K" 3602(-1500)

LM; off wh, tan to buff, foss, much well cem foss mat, scat soft chalky mtx, dull yel min fluor only, no vis por, no stn or odor, ns.

SH; dk gy to blk, foss ip.

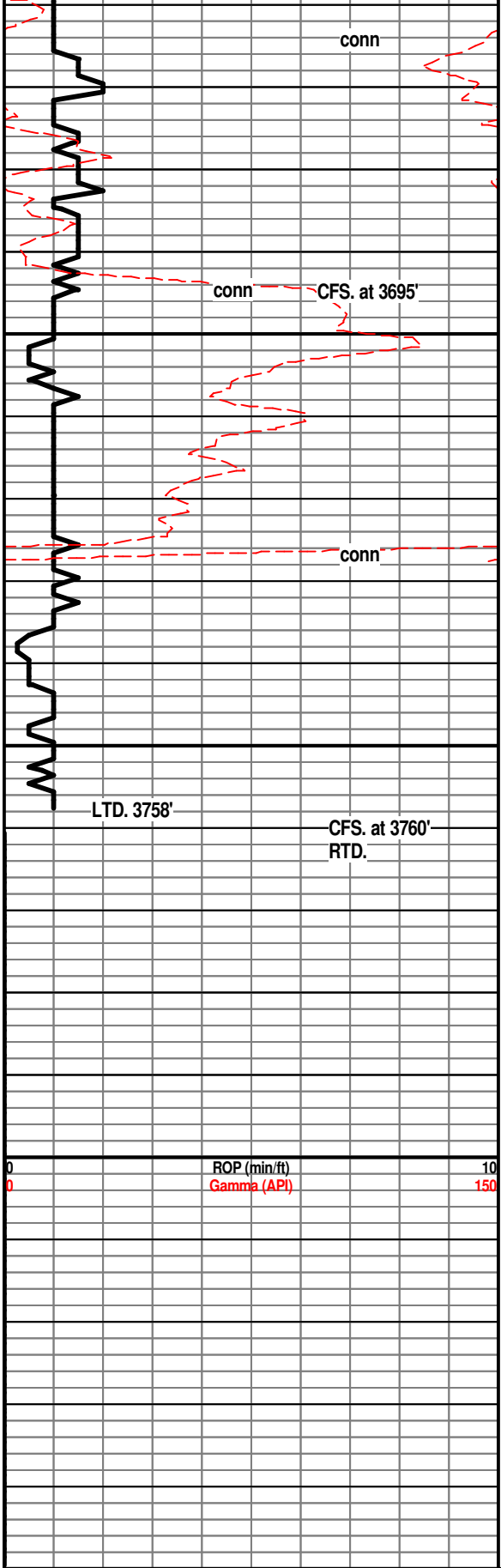
LM; off wh, wh, tan, foss ip, some finely pelletal, trc dk brn spotted oil stn, poor to no vis interpart por, no odor, no F.O., most barren with no shows

BASE KANSAS CITY 3635(-1533)

LM; med brn, hd, foss ip,tite

SH; varic, rust red, grn, gy, trc maroon soft, some sticky

LM; lt brn, foss ip, rare dk brn to blk dead to residual oil stn, no odor, scat dull yel fluor, looks tite

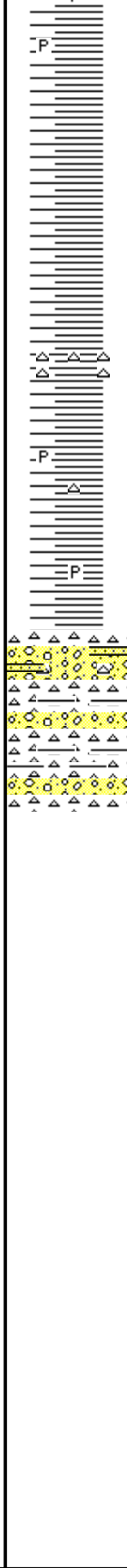


3700

3750

3800

50



SH; varic, pred. rust red, red, platy, scat pyr

SH; varic, rust to brick red, platy, smooth, interbdd thin lmst strngs.

SH; most rust to brick red, rare wh partly weathered cht, no fluor, ns.

SH; brick to rust red, soft, occ pyr

CONGLOMERATE CHERT 3736(-1634)

CONGL CHT; wh to off wh mostly fresh/ rarely weathered varic cht, trc f gr qtz ss, no fluor, no stn or odor, ns.

CFS. at 3760' RTD: CHT/CONGL; pred wh to off wh fresh and weathered cht, some shale w/interbdd chts, most opaque, porc, poss frags, no stn or odor, ns.

NOTE: THIS LOG IS SHIFTED UP HOLE 2' TO CORRELATE WITH OPENHOLE LOGS

RTD. 3760' at 9:45 AM. 1/17/2011

LTD. 3758'

Superior Well Services - DIL, NEU/DEN w/PE