



# DARRAH OIL

Scale 1:240 Imperial

Well Name:	#5 Ray B		
Surface Location:	990' FNL 990' FWL SE/NW/NW		
Bottom Location:			
API:	15-147-20734		
License Number:	5088		
Spud Date:	3/15/2014	Time:	2:50 PM
Region:	Phillips County	Sec 32 T5S R20W	
Drilling Completed:	3/19/2014	Time:	4:00 PM
Surface Coordinates:			
Bottom Hole Coordinates:			
Ground Elevation:	2194.00ft		
K.B. Elevation:	2199.00ft		
Logged Interval:	3100.00ft	To:	3588.00ft
Total Depth:	3588.00ft		
Formation:	Reagan sand		
Drilling Fluid Type:	Chemical mud		

#### SURFACE CO-ORDINATES

Well Type:	Vertical		
Longitude:	-99.6052286	Latitude:	39.5791880
N/S Co-ord:			
E/W Co-ord:			

#### OPERATOR

Company:	Darrah Oil Company		
Address:	225 N. Market Suite #300 Wichita, KS 67202		
Contact Geologist:	Seth L. Evenson		
Contact Phone Nbr:	(316) 219-3390		
Well Name:	#5 Ray B		
Location:	990' FNL 990' FWL SE/NW/NW	API:	15-147-20734
Pool:		Field:	Ray
State:	Kansas	Country:	United States

#### CONTRACTOR

Contractor:	Mallard J.V.		
Rig #:			
Rig Type:	Standard double		
Spud Date:	3/15/2014	Time:	2:50 PM
TD Date:	3/19/2014	Time:	4:00 PM
Rig Release:	3/20/2014	Time:	3:15 AM

#### LOGGED BY

Company:	Darrah Oil Co.
Address:	225 N. Market Suite #300 Wichita, KS 67202
Phone Nbr:	(316) 219-3390
Logged By:	Geologist
	Name: Seth L. Evenson

#### CASING SUMMARY

	Surface	Intermediate	Main		
Bit Size					
Hole Size					
	Size	Set At	Type	# of Joints	Drilled Out At
Surf Casing	8 5/8 in	218 ft	20#	5	3/16/2014 4:45 AM
Int Casing					
Prod Casing	5.5 in	3585 ft	14#	86	
<b>CASING SEQUENCE</b>					
Type		Hole Size 0.00 in	Casing Size 0.00	At 0.00 ft	

## NOTES

No open-hole logs or DST's ran

## ROCK TYPES



ACCESSORIES

## **MINERAL**

- P Pyrite  
• Sandy  
△ Chert White

FOSSIL

- Crinoids
  - Gastropods
  - Oolites

STRINGER

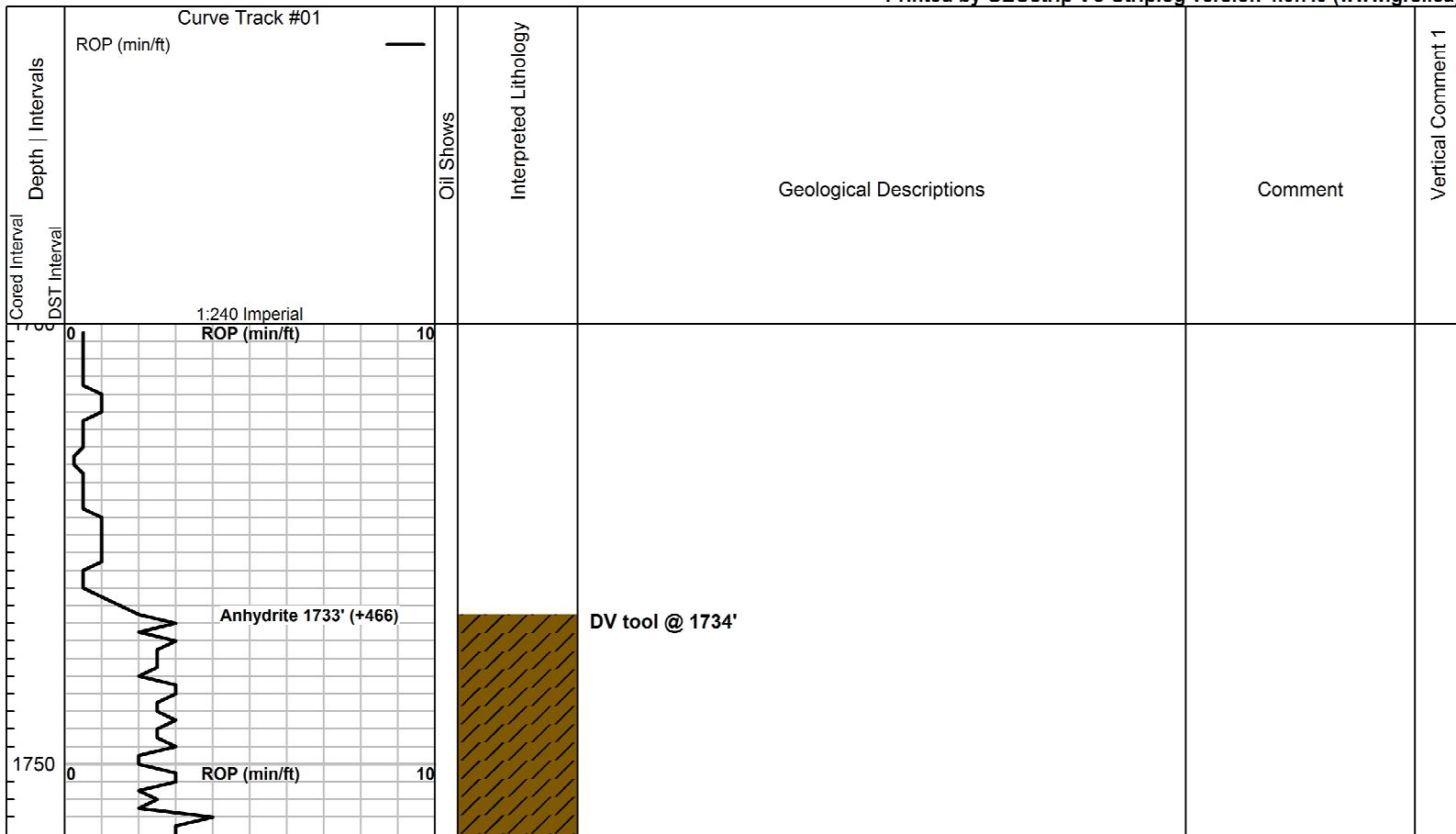
- Limestone  
Shale

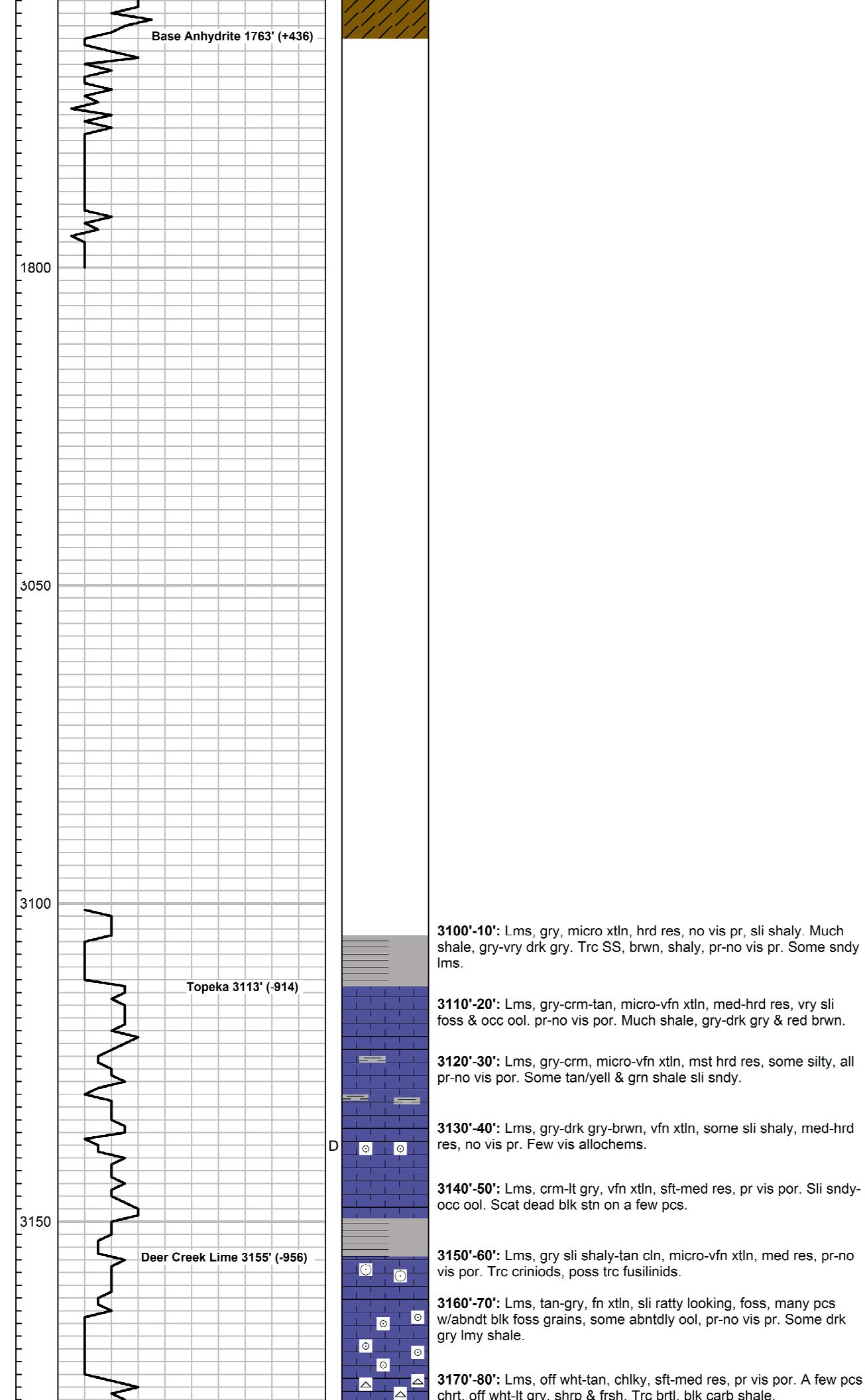
## OTHER SYMBOLS

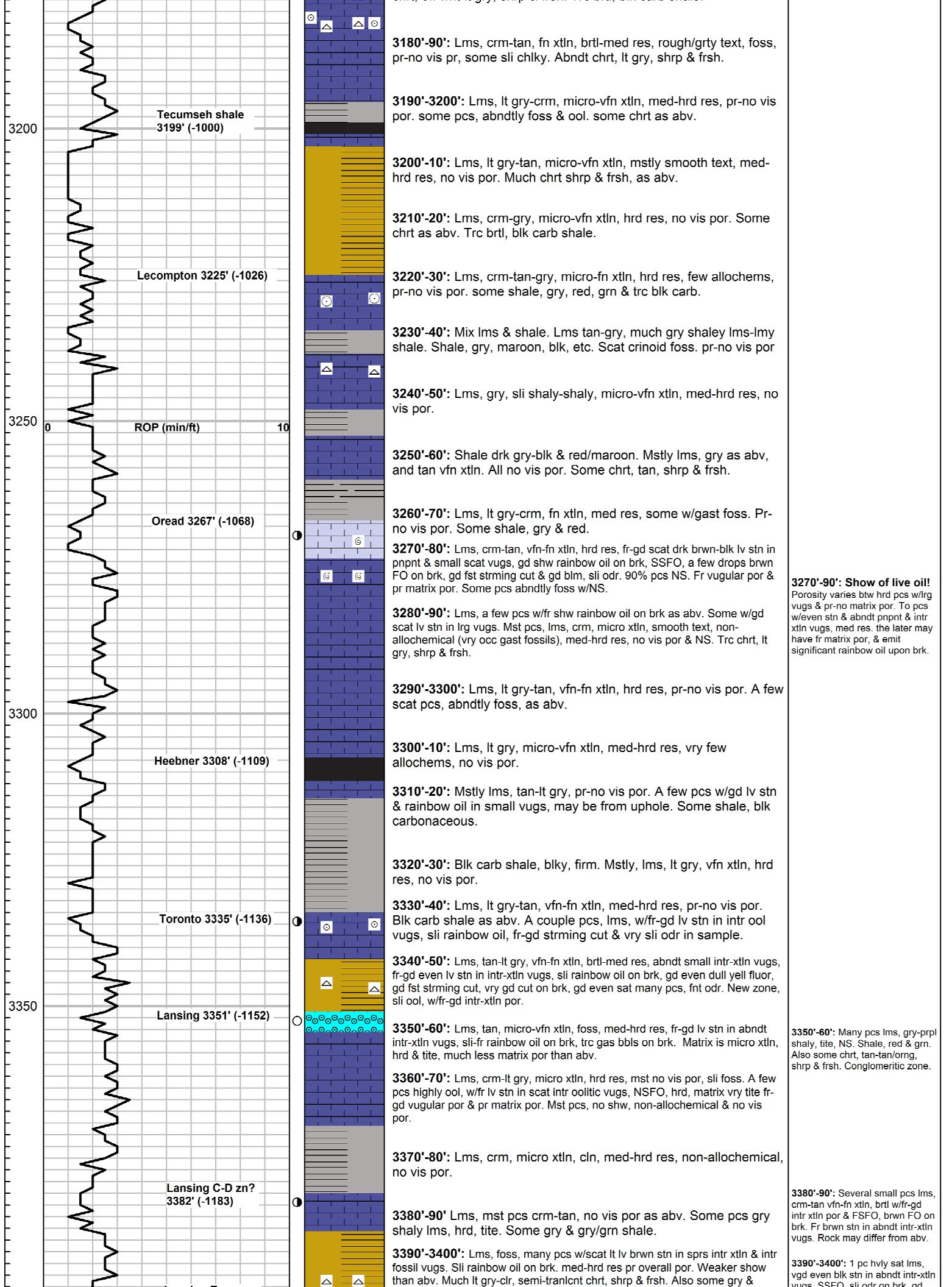
OIL SHOWS

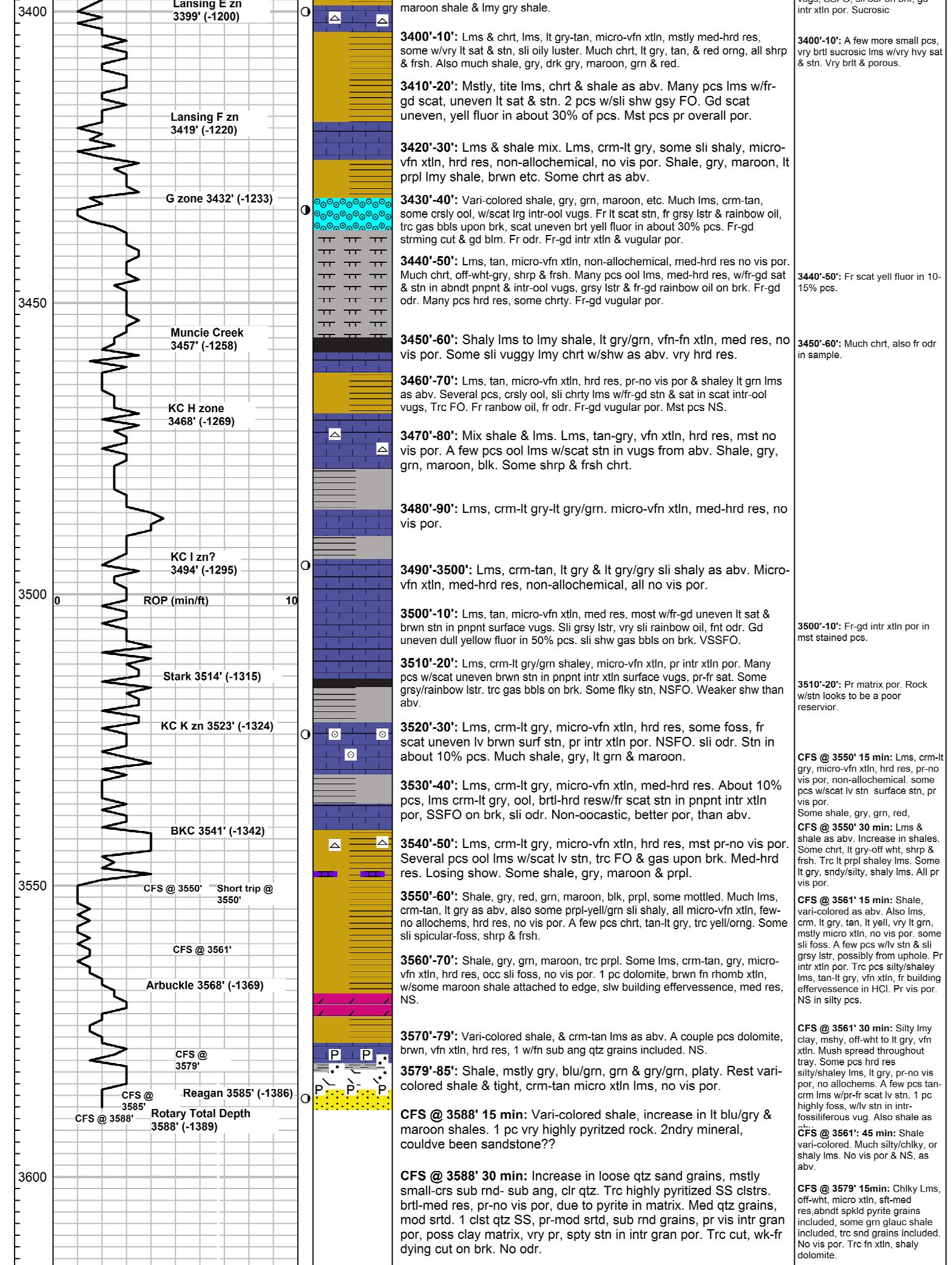
- Even Stn
  - Spotted Stn 50 - 75 %
  - Spotted Stn 25 - 50 %
  - Spotted Stn 1 - 25 %
  - Questionable Stn
  - D Dead Oil Stn
  - Fluorescence

Printed by GEOstrip VC Striplog version 4.0.7.0 ([www.qrsi.ca](http://www.qrsi.ca))









		<p><b>CFS @ 3588' 45 min:</b> Many loose med rnd-sub rnd qtz sand grains. A few clst highly pyritized qtz SS, med, sub ang-ang grains, tight, no vis por. 1 minute clst,SS, trc lt stn, gd strming cut. No odr.</p>	<p><b>CFS @ 3579' 45min:</b> Lms, off-wht to crm, pyrite as abv. Med-hrd res, no vis por. Some pccs w/trc qtz sand and other grains included. Much lt gry mush in tray. Much vari-colored shale as abv.</p>
3650		<p><b>CFS @ 3588' 60 min:</b> Mstly vari-colored shale &amp; lms from uphole. 1 pc sft, lt gry/grn shale w/abndt med sub and, qtz sand grains included. Trc pyritized SS as abv. Decrease in loose qtz grains, some w/grn gluc stn on edges.</p>	<p><b>CFS @ 3579' 60 min:</b> Mix of vari-colored shale &amp; lms, as abv.</p>
			<p><b>CFS @ 3585' 15 min:</b> Shale, gry, red-brwn, gry/grn, maroon, trc prpl. Platy.</p>
			<p><b>CFS @ 3585' 30 min:</b> Shale as abv, and lms, crm-tan tight. Increase in loose qtz grains. Fn-med, mstly rnd-sub rnd; a few angular grains. NS. Trc off-wht chrt, shrp &amp; frsh.</p>
			<p><b>CFS @ 3585' 45 min:</b> Lms, lt gry, vfn xtn, brtl-hrd res, gry-silty text, effervesces readily, occ, trc snd grains included, pr-no vis por. 1 pc dolomitic lms brwn, no vis por. Mstly shale as abv.</p>
			<p><b>CFS @ 3585' 60 min:</b> Mix vari-colored shale &amp; lms from abv. Trc loose qtz grains in tray &amp; trc vry crs pyrite xts. 1 pc brwn dolo vfn xtn.</p>









