

OPERATOR

Company: CARRIE EXPLORATION AND DEVELOPMENT LLC
 Address: 210 W 22ND STREET
 HAYS, KANSAS 67601

Contact Geologist: RON HEROLD
 Contact Phone Nbr: 785-625-9318
 Well Name: PEACE CREEK # C-4
 Location: W2 SW SE SE SEC.25-T22S-R10W
 API: 15-155-21732-00-00
 Pool: KANSAS
 State: KANSAS
 Field: PEACE CREEK
 Country: USA

Scale 1:240 Imperial

Well Name: PEACE CREEK # C-4
 Surface Location: W2 SW SE SE SEC.25-T22S-R10W
 Bottom Location:
 API: 15-155-21732-00-00
 License Number: 6768
 Spud Date: 10/2/2015 Time: 7:15 AM
 Region: RENO COUNTY
 Drilling Completed: 10/6/2015 Time: 4:22 PM
 Surface Coordinates: 330' FSL & 1217' FEL
 Bottom Hole Coordinates:
 Ground Elevation: 1735.00ft
 K.B. Elevation: 1745.00ft
 Logged Interval: 0.00ft To: 0.00ft
 Total Depth: 4033.00ft
 Formation: VIOLA
 Drilling Fluid Type: CHEMICAL/FRESH WATER GEL

SURFACE CO-ORDINATES

Well Type: Vertical
 Longitude: -98.3666844
 Latitude: 38.1016052
 N/S Co-ord: 330' FSL
 E/W Co-ord: 1217' FEL

LOGGED BY

Company: SOLUTIONS CONSULTING, INC.
 Address: 108 W 35TH
 HAYS, KS 67601

Phone Nbr: (785) 639-1337
 Logged By: GEOLOGIST Name: HERB DEINES

CONTRACTOR

Contractor: SOUTHWIND DRILLING INC.
 Rig #: 1
 Rig Type: MUD ROTARY
 Spud Date: 10/2/2015 Time: 7:15 AM
 TD Date: 10/6/2015 Time: 4:22 PM
 Rig Release: 10/7/2015 Time: 1:30 AM

ELEVATIONS

K.B. Elevation: 1745.00ft Ground Elevation: 1735.00ft
 K.B. to Ground: 10.00ft

NOTES

THIS WELL WAS DRILLED FOR COMPLETION AS A SALT WATER DISPOSAL.

NO OPEN HOLE LOGS WERE RAN ON THIS WELL

NO DRILL STEM TESTS WERE RAN ON THIS WELL

**PEACE CREEK # C-4
W2 SW SE SE
SEC.25-22S-10W
1745'KB**


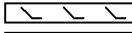







**PEACE CREEK # C-1
SE SE
SEC.25-22-10W
KB 1747'**

<u>FORMATION</u>	<u>SAMPLE TOPS</u>	<u>LOG TOPS</u>
BKC	3487-1742	-1736
Viola	3678-1933	-1935
Simpson Sh.	3782-2037	-2031
Arbuckle	3844-2099	-2096
RTD	4033-2288	-2232

SUMMARY OF DAILY ACTIVITY

- 10-02-15 Spud 7:15 AM, set 8 5/8" surface casing to 265' w/200 sxs 60/40
2% Gel 3%CC, slope ¾ degree, plug down 12:45PM, WOC 8 hrs**
- 10-03-15 1044', drilling**
- 10-04-15 2430', drilling**
- 10-05-15 3342', drilling, bit trip 3520'**
- 10-06-15 3800', drilling, RTD 4033' @4:22PM, short trip, LDDP, run 5 ½" 17#
production casing with port collar**
- 10-07-15 4033' finish running production casing and cementing bottom stage**

ROCK TYPES

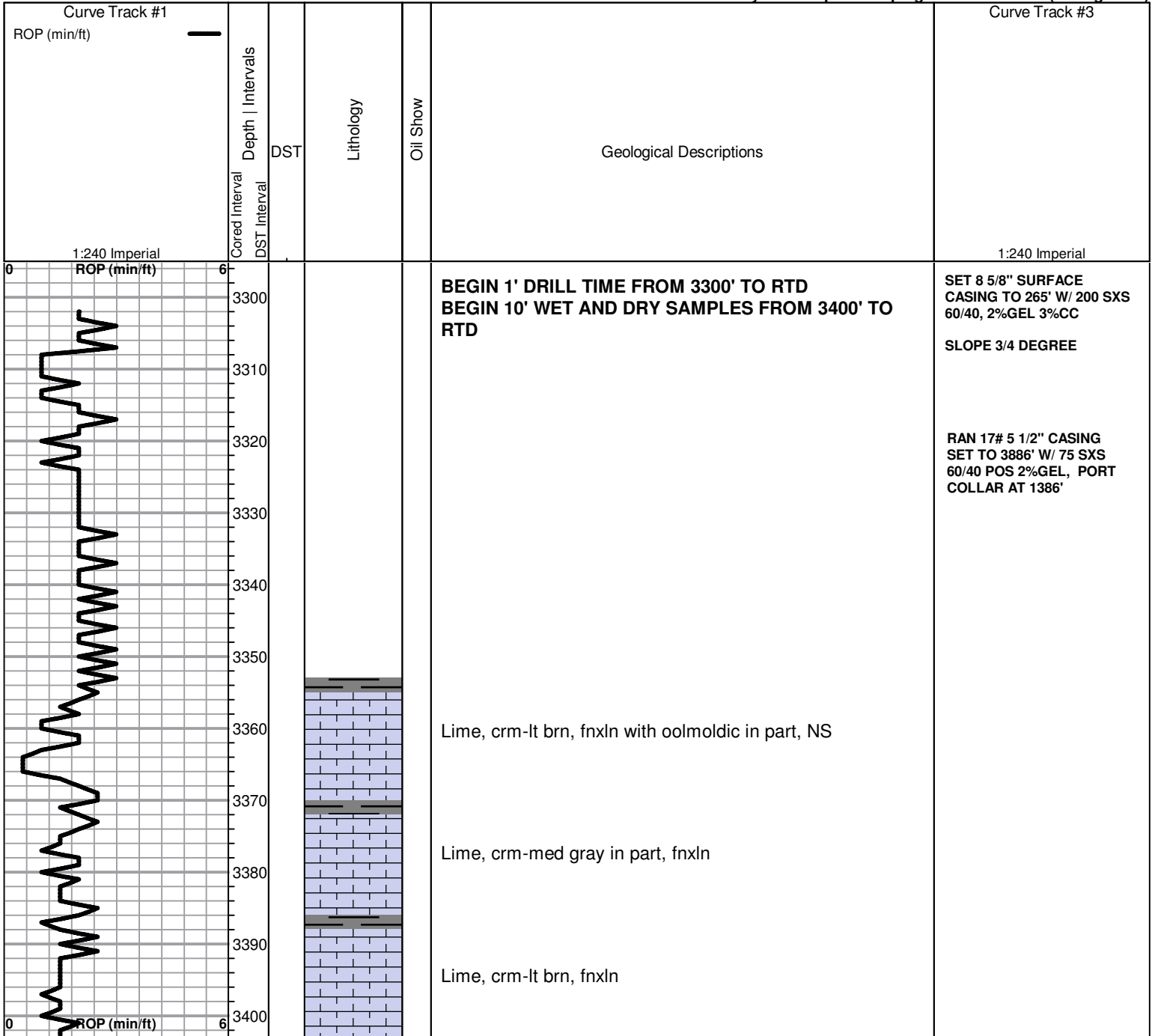
 Clystcol	 Dol Lime	 Lscong	 Carbon Sh	 Ss
 Dolprim	 Lmst fw7>	 shale, gry	 shale, red	

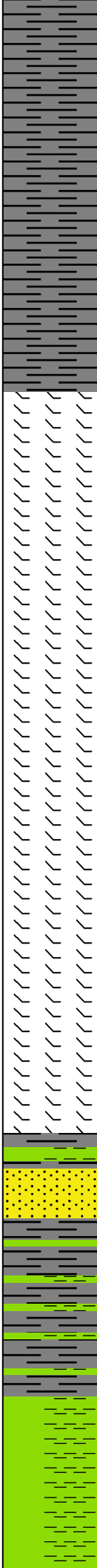
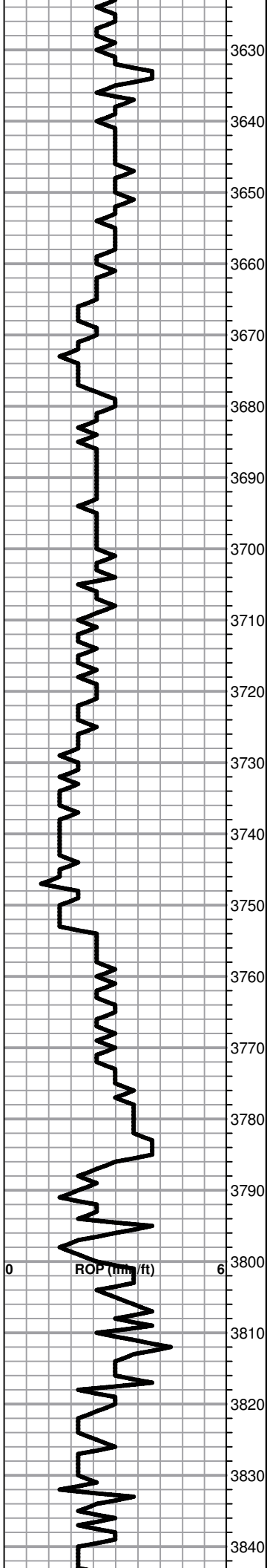
ACCESSORIES

MINERAL

- P Pyrite
- △ Chert White

Printed by GEOstrip VC Striplog version 4.0.8.15 (www.grsi.ca)





Shale, as above

Shale, grays, brns, maroon, firm blocky

Shale, as above

Shale, as above

VIOLA SPL TOP 3678-1933

Lime, white, fnxln, no odor

Lime, white-crm, fnxln, dolomitic in part, white chert fragments

Lime, white-crm, dolomitic, white chert fragments

* Lime, white, fnxln-granular, very lt odor, no free oil or staining, chips very small in a lot of shale slough

*

Lime, white-crm, fnxln-granular with decreasing odor, NFO

Lime, crm-tan, fnxln-granular, dolomitic, NS or odro

Lime, crm-lt brn, fnxln, decreasing chert content, NS

Lime, lt brn, fnxln, dolomitic

SIMPSON SHALE SPL TOP 3782-2037

Sandstone, few clusters, quartz, poorly sorted, pyritic, NS

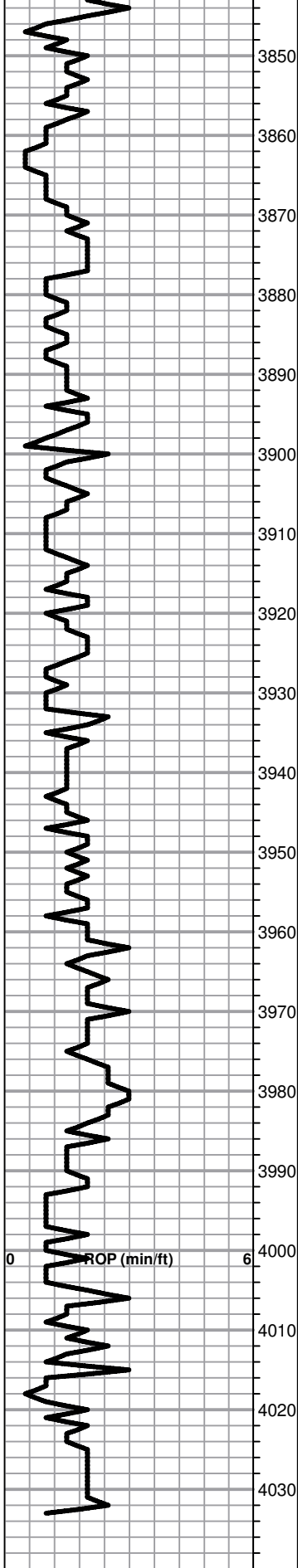
Shale, med gray with blue green chips, soft blocky, waxy

Shale, as above

Shale, lt grays, greenish blue, firm blocky, waxy

ARBUCKLE SPL TOP 3844-2000

ARBUCKLE SPL TOP 3844-2099



Dolomite, white-crm, granular, sucrosic, NS

Dolomite, white-crm, granular

Dolomite, lt brn, granular-sucrosic

Dolomite, crm-lt brn, fnxln-granular, inter xln porosity

Dolomite, crm-lt brn, fnxln-granular, white chert

Dolomite, lt brn, fnxln-granular

Dolomite, as above

Dolomite, as above, fine to coarse grained with interxln porosity

As above

As above

As above

Dolomite, lt brn, fnxln-granular, oolitic chert in part

Dolomite, lt brn, fn-micro xln, glassy,

Dolomite, lt brn, fnxln-granular, sucrosic in part

Dolomite, as above

RTD 4033-2288