

MUD LOG
WellSight Systems
Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: Yager #2
Well Id: 15-053-21322-0000
Location: SW-NW-NE-NE (340'FNL 1304'FEL) 7-17S-10W
License Number: _____ Region: _____
Spud Date: _____ Drilling Completed: _____
Surface Coordinates: _____

Bottom Hole
Coordinates: _____
Ground Elevation (ft): 1889 K.B. Elevation (ft): 1902
Logged Interval (ft): 2700' To: 3488 Total Depth (ft): 3488
Formation: _____
Type of Drilling Fluid: Chemical Mud

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

OPERATOR

Company: Pauley Oil
Address: _____

GEOLOGIST

Name: Steven Petermann
Company: Petroleum Geologist
Address: 3206 Northwestern Avenue
Hutchinson, KS
67502

Formation Tops

Log Datums:

Heebner Shale 2924 (-1022)
Brown LST 3033 (-1131)
Lansing 3054 (-1152)
Arbuckle 3384 (-1482)

DSTs

RTD 3488 LTD 3484

ALL DST Data provided @ Rig Depths (not log, in general Log Depths measured 6' shallower then Rig Depths)

DST#1 Plattsmouth 2847-2911 Slid Tool 7' (20-40-40-60) 1st Flow 2.75" building to 4". No BB 2nd Flow WSB building to 2" No BB . IFP: 20-25psi FFP: 26-33psi. ISIP 1059psi FSIP 1025psi Recovered 40' Drilling Mud (100%) Tool Sample 2% Oil 98% Mud


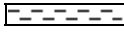

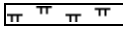
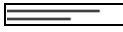
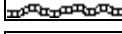


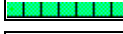

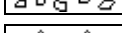


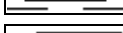

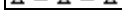



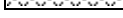
DST#2 Conglomerate/Arbuckle 3319-3402 (20-40-40-60) 1st Flow WSB built to 1.5"-No BB 2nd Flow WSB no build-No BB IFP:12-18psi FFP: 18-23psi ISIP 848psi FSIP 725psi Recovered 25' Oil Spotted Mud (2% Oil) Tool Sample 2% Oil 98% Mud

DST#3 Arbuckle 3392-3407 (20-40-60-90)1st Flow WSB built to 2" 2nd Flow WSB built to 2" WkSurf BlowBack IFP: 11-15psi FFP: 16-25psi ISIP: 1009psi FSIP: 952 psi Recovered 28' VSOWCM (2% Oil 4% Water 94% Mud)








































































Comments

Based on inferior structural position, Log Analysis and negative Drill Stem Test Results, the Yager #2 was P&A at RTD 3488





























ROCK TYPES

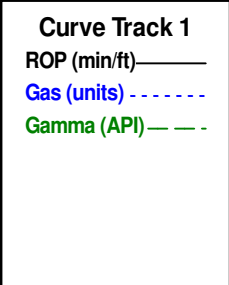
 Anhy	 Clyst	 Gyp	 Mrlst	 Shgy
 Bent	 Coal	 Igne	 Salt	 Sltst
 Brec	 Congl	 Lmst	 Shale	 Ss
 Cht	 Dol	 Meta	 Shcol	 Till

ACCESSORIES

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

OTHER SYMBOLS

POROSITY	 Vuggy	ROUNDING	 Spotted
 Earthy		 Rounded	 Ques
 Fenest	SORTING	 Subrnd	 Dead
 Fracture	 Well	 Subang	 Ssg
 Inter	 Moderate	 Angular	 Ssfo&g
 Moldic	 Poor		 Sg
 Organic		OIL SHOW	 Sg ssfo
 Pinpoint		 Even	 O&g
			INTERVAL
			 Core
			 Dst
			EVENT
			 Rft
			 Sidewall

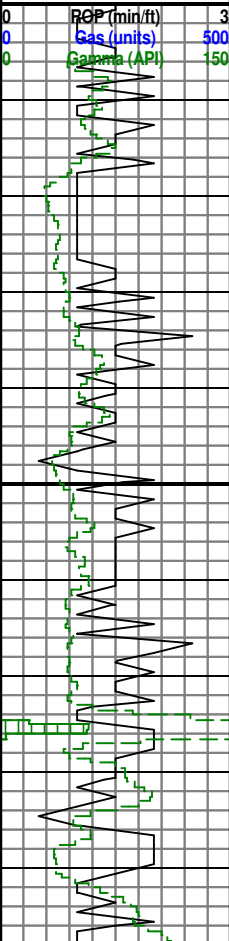
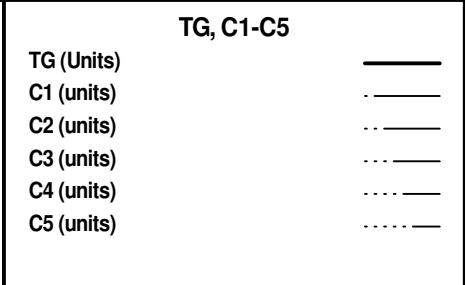


Depth

Lithology

Oil Shows

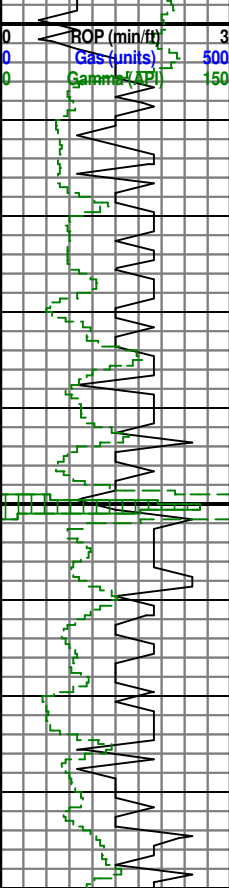
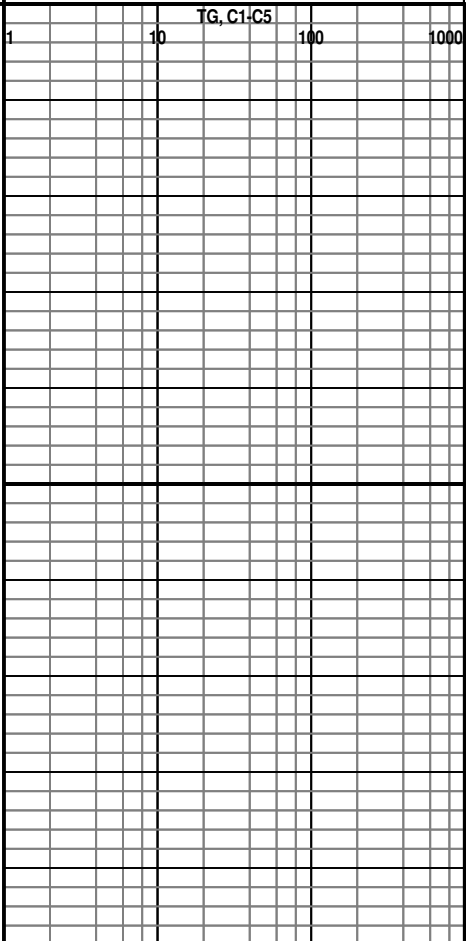
Geological Descriptions



2700

2800

Geological Descriptions



2850

2950

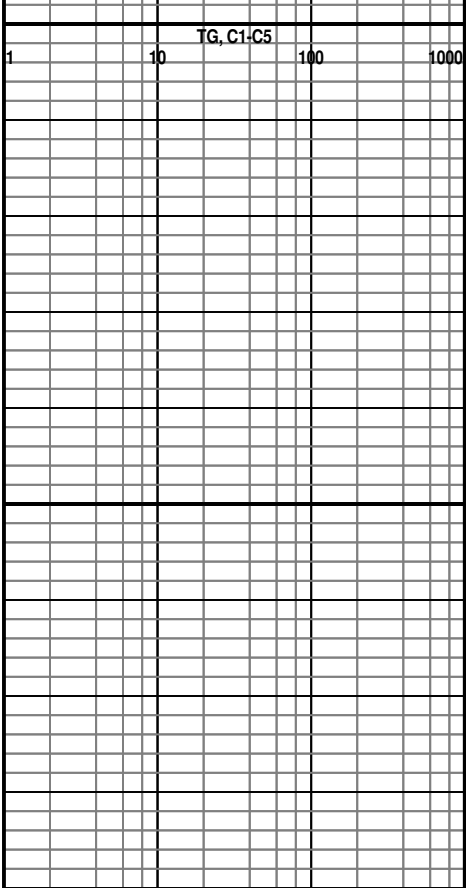
Black Shale

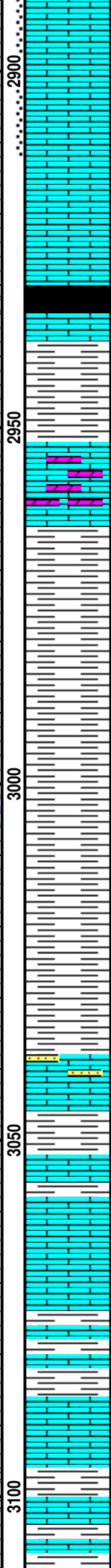
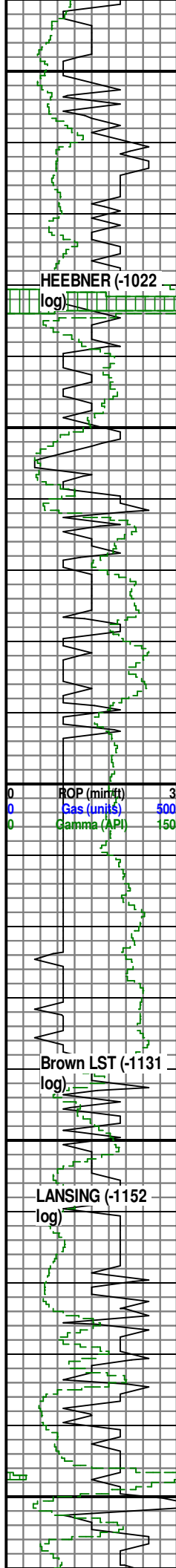
LST - crm-lt gry, fxln (few mxln), foss in part, scattered brn stn, SL SHOW V Hi GRAV W RNBO

LST - mostly lt gry, few tan, incr fossils, fxln, pr-fr porosity, sl cherty, chiky in part, VSSG

LST - tan - lt gry, f-mxln, foss, many pvp, NF NO Tr FO

AA - incr por, poor vuggy por, dk brn heavy stn, SSFO





AA - fr vuggy por, SFO (dark heavy)

Abdt gry shale + LST crm/lt tan, mostly pvp

LST crm, vfxln, sl shaley, some brn spotty stn, pvp NSFO

LST crm-tan, vfxln, soft, mostly pvp, scattered brown stn

Shale - Black, Carb

LST crm/tan/lt gry, fxln foss in pt, chlky in pt, SHOW OF V LT HI GRAV, NO Odor, No Fluor

Shale Lt Gry

Dolo LST - crm, vfxln, granular w good Por, even golden stn, NSFO, NO, S-FSG, dull fluor w poor cut

Shale - gry/red, sandy in pt, vfgr, sub rd, mica, poor dev por, shaley, SSG

AA

Very Silty/Shaley, + SSt, gry, vfgr, sub rd, fair sort, SSG, NSFO

SST - gry, vfgr, wr, fr sort, mica, silty in pt, SSG, NSFO, NF NO

AA - incr silty/shaley

SST AA SSG, NSFO + Lst tan/brn mottled,fxln, foss, dse

Shale - brn, SG + LST tan/brn mottled, fxln, NS

Shale Gry + LST AA dse

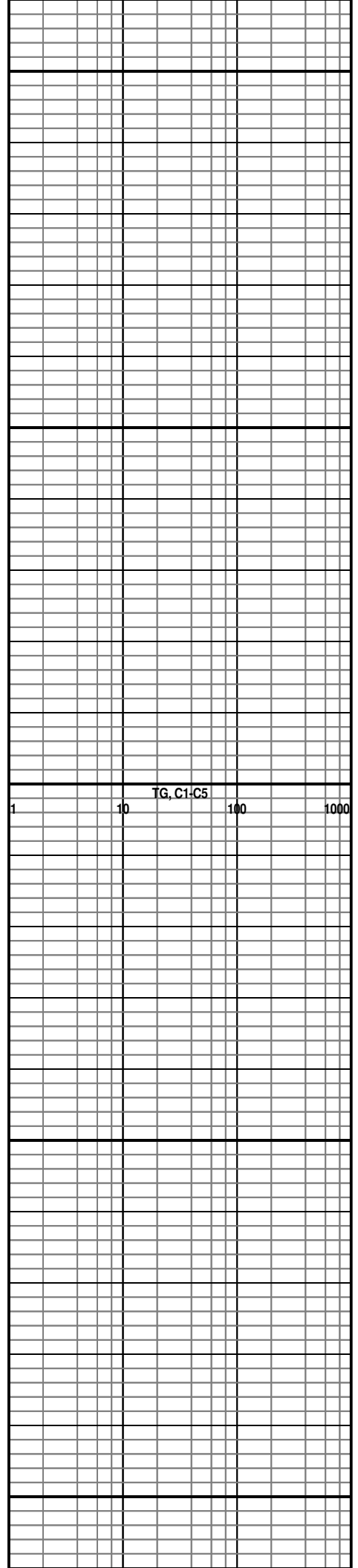
Flood LST - crm, vfxln, golden stn throughout, soft, pvp, SSG few pcs fluor w bright cut, SSFO

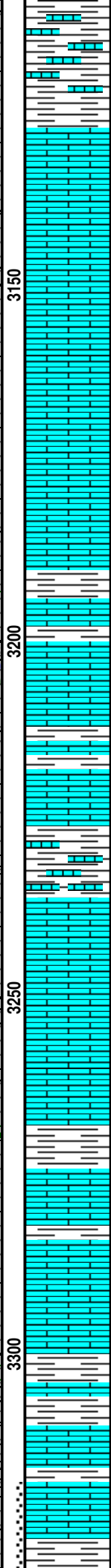
LST crm-gry, vfxln, dse-soft, many pvp, some w/fr intxln por & poor vuggy por, SSFO&G (clr-lt tan), ft-fr odor, few w brt fluor & cut

LST - brn/gry, vfxln, granular, brn spotty stn & SSFO, sl shaley + LST - crm, fxln, foss in pt, soft pcs w poor vuggy por, SSFO, SSG w/rainbow

LST - mostly crm, vf-f-xln, foss, many pvp, VSSFO

LST - crm/tan, f-few mxln, foss, mostly pvp, SSFO from tan, cherty, dse LST on break, (oil is brt fluor/sample has poor fluor)





Shale - gry, soft + LST crm/gry, vf-fxln, mostly pvp, few w VSSFO, sl sandy

V Shaley - gry + few LST crm, fxln, pr vuggy por, w/brn stn and SSFO

LST - mostly crm/tan, f-mxln, foss (ool), pvp-dse w NS, few LST crm, vfxln, scattered vuggy por, w/brn dead stn, faint odor

LST - reddish tan, f-mxln, pvp-dse, NS NO NF + LST - mostly crm, f-min, soft-sub chlky, pvp NS

LST crm vfxln, good oom por (barren) rechrystallized, NS NO NF

AA

AA - w poorer sub oom por, chalkier

Very Shaley - gry, + LST gry/tan fxln pvp-dse NS + oom LST AA (cavings?)

Shale - gry/dk gry

LST - crm, vfxln, pr-fr oom por, some w SFO on break, mostly barren, no apparent stain (oil shows appear to be from tite dse moldic rocks), ft odor

Shale - gry + LST crm/tan, f-mxln, foss, pkstone, inter foss por calc occluded, SSFO, pr-fair oom por, oom are barren + LST crm, vfxln, soft, pvp, NS, ft odor

LST - wht/crm, f-mxln, foss pkstone, NS

LST -crm, vfxln, fr oom por w sfo (dk tan/red) - sl shaley gry

LST - lt tan, vfxln, good oom por (barren)

AA - chalkier, NS

LST - crm/tan, vf-fxln, many dse-pvp, few with fr oom por, mostly barren, few pcs w SFO on break

LST - crm/tan, vf-fxln, foss in pt, pvp NS NF NO

Dk Gry Shale

LST - crm, vf-fxln, pr-fr intxln por, SFO on break, brt yellow fluor & cut w/acid (good oil shows from tite rocks Check Logs ... Logs calc'd 4-6% por)

AA - incr foss, both live SFO and dead brn stn

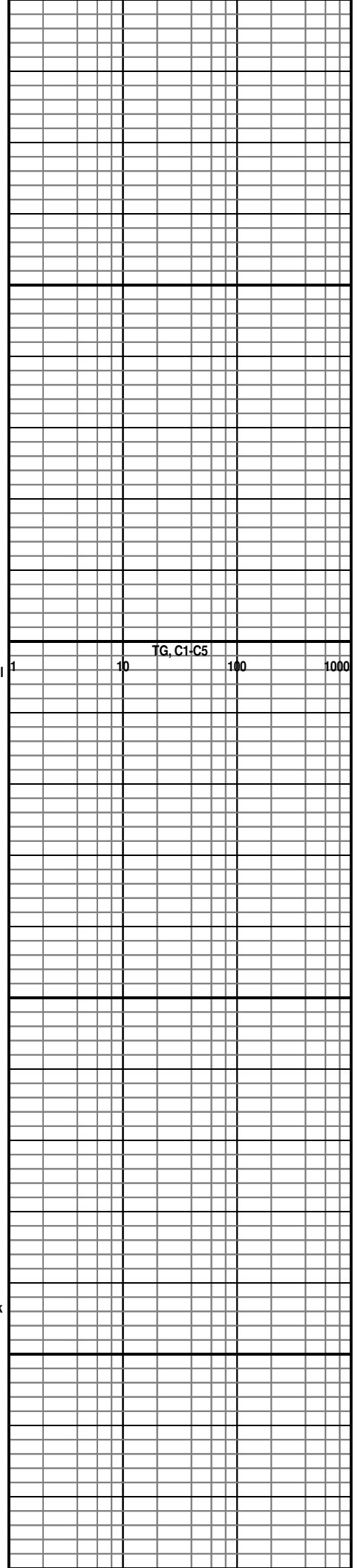
LST - crm, vfxln, many soft, granular, pr-fr por, golden brn-brn stn, some sat, SFO on break (good oil shows from tite looking rocks Check Logs ... logs calc low por and high water sat)

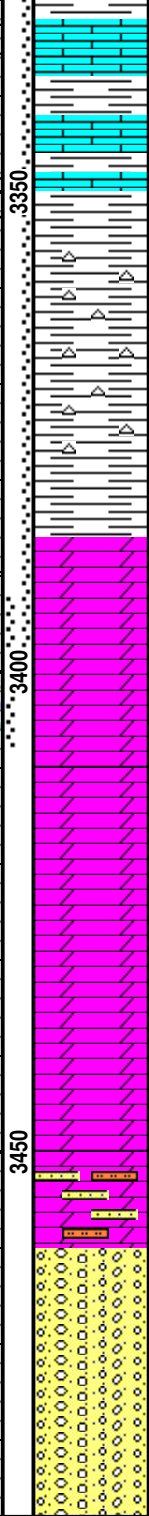
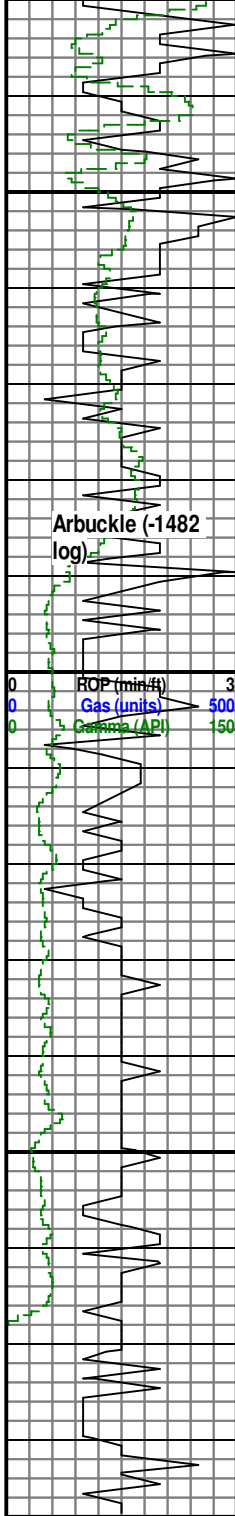
Shale - dk gry/brown

LST - crm/tan, vf-fxln, foss in part, cherty in pt, many pvp-dse, SSG

LST - lt gry - rusty tan, vfxln, dse NS

LST - tan, vfxln, mod soft, pvp + Shale, red brick - gry/dk gry, trace SSt gry/grn, vfgr, sub rd, fr sort, fr por, SG & dead asphaltic stn





LST - crm/tan, vfxln, few foss, mostly pvp-dse, few w/pr-fr intxn por, SFO (might be cavings?) + grn calc Shale w/SG

Shale - maroon/red, + LST crm/lt tan, fxln, many pvp, FSG

Shale AA + Chert - bone wht-peach, ool, fresh/sharp

AA - NS

Dolo - wht/crm, fxln, sucw fr-gr intxn por, NSFO, SSG, ft odor, V Lt Golden Stn

AA w trace high grav/clr oil

AA w golden stn/sat, SFO, fr-good odor

Dolo - crm/wht, vf-fxln, cherty in part, sucrosic in pt, dse-fr por, SSG SFO gt odor, lt golden stn/sat

Dolo - crm, vfxln, lt golden stn, SFO but decreasing, ft odor (fair on break) cherty, many dse

Dolo - white, sucrosic, good intxn por, fxln, NS

Dolo - wht, vfxln, dse, v lt golden stn

Dolo - white, mxln, fr-gr intxn por, barren, few vuggy w SSFO in vugs

Dolo - AA - better indurated + very chalky white shaley LST, Dolo has SSG & VSSFO (v high grav clr)

Dolo - wht w green shale tint, mxln, sucw in pt, good intxn por, some pr vuggy por, sulfur odor but incr SFO on break

Green Shale + Dolo white, vf-fxln, dse + tr SST, clr/frosted, fgr, rd, poor por, NS

Very shaley, limy, v fossiliferous, rounded clasts, conglomerate? NS NO

AA

