

Geological Report

on

PARA et al Cameron E-07

Latitude: 60°06'19.9" North
Longitude: 117°31'37.5" West

Well Reached Total Depth of 1457 metres

on

Mar 22, 2006 @ 07:15 hours

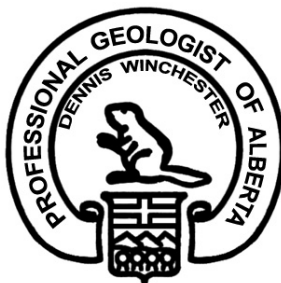
for



Prepared for: Mr. Llew Williams
Paramount Resources Ltd

Wellsite Geologist: Silviu Gridan, B.Sc.
Running Horse Resources Inc

Approved by: 
Dennis Winchester, P.Geol
Running Horse Resources Inc



Precision #129



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Vertical Geological Striplog 1:240 scale	Back Sleeve
Picture CD with Digital Data	Back Cover Slip

Geological Summary

PARA ET AL CAMERON E-07 is a vertical well spudded by Precision Rig #129 on March 14, 2006 at 05:45 hrs. Surface hole is 311mm with 219.1mm casing landed at 427m. The 200mm main hole was terminated in the PreCambrian granite at 1457m MD on March 22, 2006 at 07:15 hrs.

3 sets of vials and 1 set of dried bagged samples were collected from 1200m to total depth at 5m intervals; 1 set of geochemical jars was collected from 425m to total depth at 10m intervals, and a Pason gas detector was run from the surface to total depth. Precision ran the Dual Induction, Compensated Neutron/Density, MRT and Sonic logs from TD to surface casing. Three DSTs were run over the Sulphur Point Dolomite and the Muskeg Formation. No core was taken.



The primary zone of interest was the **Sulphur Point Dolomite** formation, which was entered at a log depth of 1340.0m (-638.6m). It comprises light to medium brown dolomite, microcrystalline to fine with trace medium crystalline, grainstone, having a sucrosic texture and sandy appearance in part, slightly anhydritic, with streaks of fair intercrystalline and pinpoint porosity (up to 10%). Spotty yellow fluorescence, fast yellow white streaming cut, strong hydrocarbon odour were present. The good sample porosity was associated with a gas show of 361 units over 40 units background from 1402m to 1409m.



One secondary zone of interest was the **Slave Point** formation, which was entered at a log depth of 1262.5m (-561.1.0m). From 1272m to 1287m it consisted of predominantly cream to tan, locally light brown limestone, mudstone to wackestone, mainly cryptocrystalline to microcrystalline, occasionally fine and rarely medium crystalline. Its texture was chalky in part and dense in part. The limestone was argillaceous, slightly dolomitic, partially tight, with good pinpoint and vuggy porosity (2 to 12%), trace of poor intercrystalline porosity and assumed earthy porosity. Common pale yellow fluorescence, fast white

streaming cut, and strong hydrocarbon odour were also present. The good porosity in the samples was associated with a gas show of 514 units over 54 units background from 1272m to 1275m.



The other secondary zone of interest was the **Keg River** formation, which was entered at a log depth of 1412.5m (-711.1m). It consisted of predominantly light brown to tan dolomite, microcrystalline to fine crystalline, locally coarse crystalline, commonly stained with dark oil, anhydritic in part, with a sucrosic texture in part. The free sparry calcite crystalline dolomite rhombi along cutting surfaces suggested vuggy / fracture porosity, good intercrystalline porosity (2 to 12%). Pale yellow fluorescence, weak yellow green cut, and weak hydrocarbon odour were also present. The good sample porosity was associated with a gas show of 327 units over 25 units

background from 1412.5m to 1417m.

Well Data Summary

PARA ET AL CAMERON E-07 was cased as a potential Sulphur Point Dolomite, Slave Point, and Keg River gaswell / oilwell.

OPERATOR	Paramount Resources Ltd.
WELL NAME	Para et al Cameron E-07
LOCATION	Unit E Section 7 Grid Area 60°10'N, 117°30'W
WELL COORINATES	Latitude: 60°06'19.9" North Longitude: 117°31'37.5" West
POOL	Cameron Hills
FIELD	Cameron Hills
PROVINCE	Northwest Territories
LICENCE NUMBER	1125
CLASSIFICATION	Development
U.W.I.	300E076010117300
A.F.E. NUMBER	05N610059
ELEVATIONS	KB: 701.4m GL: 697.4m
TOTAL DEPTH	Driller: 1457.0m Logger: 1457.0m Subsea: -755.6m
DRILLING CONTRACTOR	Precision Drilling, division of PLP Rig #129
DRILLING SUPERVISOR	Neil Rundell (403) 358-8907

Well Data Summary

WELLSITE GEOLOGIST	Silviu Gridan (403) 969-4600
SPUD DATE	March 14, 2006 @ 05:45hrs
COMPLETED DRILLING	March 22, 2006 @ 07:15hrs
HOLE SIZE	Surface hole: 311mm 12.2m to 427m Main hole: 200mm 427m to 1457m
CASING	Conductor: 406.0mm, 70.2kg/m set @ 12.2m Surface: 219.1mm, 35.7 kg/m set @ 427m Production: 139.7mm, 20.8 kg/m set @ 1457m
DRILLING FLUID	Water: 0m to 20m Gel Chem: 20m to 427m Floc Water: 427m to 1100m Gel Chem: 1100m to 1457m
CORING	None
LOGGING	Precision Wireline Run #1: STI-SP/UGR/HBC/CAL (TD-surface casing) Run #2: SPeD/CNT/UGR/MRT/DAC
DST	1337m – 1349m; 1356m – 1368m; 1369m – 1381m
SAMPLES	Operator: 1 set vials (@ 5m) Interval: 1200m - TD NEB: 2 set vials (@ 5m) Interval: 1200m - TD NEB: 1 set of bagged samples (@5m) Int.: 1200m - TD NEB: 1 set geochemical jars (@10m) Int.: 425m - TD
DIRECTIONS	Go North of High Level on Hwy 35 to ½ km South of Indian Cabins. Turn left on Paramount Cameron Hills Plant road for 34.3 km staying right at all Y's. Turn right and go 12.7 km through gas plant. Turn left 2km into location. Chain up and off at signs. Use LADD One - call out road markers.
PROBLEMS	Minor loss circulation in Wabamun.

Logging Summary

Date: March 22, 2006

Logging Company: Precision **Engineer:** C. Henrikson

Mud Properties: Dens: 1090kg/m³; Vis: 90s/L; WL: 8.0cm³; pH: 10

Hole Size: 200mm

Surface Casing: 219.1mm, 35.7kg/m, set @ 427m

Depths: Driller: 1457.0m Strap : 1457.0m Logger: 1457.0m

Times: First Alerted: 08:45hrs March 20, 2006
Time Required: 19:00hrs March 22, 2006 (12-hr notice)
Arrived: 19:30hrs March 22, 2006

Hole Condition: Good

Circulations: 1.25hrs at TD then 2.00hrs after wiper trip

Wiper Trips: TD to 630m

LOGGING SEQUENCE

Run #1: STI-SP/UGR/HBC/CAL Pickup tools: 20:00hrs
Run #2: SPeD/CNT/UGR/MRT/DAC
Interval: TD to surface casing Finish log runs: 06:30hrs
Total rig time: 10.45hrs

REMARKS: Problem free logging run

Bit Record & Casing Summary

Bit Record

Bit #	Make	Type	Size (mm)	In (m)	Out (m)	Meters (m)	Hours	ROP (m/hr)	Bit condition I/O/D/L/B/G/O/R
1A	Varel	CH04JMRS	311	0	427	427	34.75	12.3	0/0/ER/A/1/1/ER/TD
1	Varel	MKS556	200	427	1457	1030	87.00	11.8	6/5/WT/A/X/1/WT/TD

Casing Summary

Type	Csg. Size	Csg. Weight	Depth Landed	Total Joints	Remarks
Surface	219.1	35.71	427.00	35	Cemented with 37 tonnes 0:1:0 "G" + 1.5% Calcium Plug down @ 18:00hrs March 16, 2006 with 1.5m ³ of good cement return
Production	139.7	20.8	1457.00		Casing was run with no available details

Deviation Surveys

Measured Depth Meters	Incl. Angle Deg	Drift Direction Deg	True Vertical Depth	N-S Meters	E-W Meters	Vertical Section Meters	Closure Distance Meters.	Direction Meters	Dogleg Severity Deg/30
33.62	0.25								
69.32	0.25								
96.14	0.75								
124.22	0.25								
152.95	0.50								
180.01	0.75								
217.56	0.75								
265.21	0.75								
294.48	0.25								
333.50	0.50								
362.70	0.25								
391.89	0.25								
427.00	0.50								
516.80	0.75								
682.11	0.50								
730.77	0.75								
779.24	0.50								
827.88	0.25								
876.41	0.75								
924.78	0.25								
1002.49	0.50								
1070.65	0.50								
1138.82	0.75								
1206.88	0.75								
1351.56	1.00								
1457.00	0.75								

Daily Drilling Summary

<u>Date</u>	<u>Depth</u>	<u>Progress</u>	<u>Operations (@ 24:00hrs)</u>
Mar 12	-	-	safety meeting, move rental equipment, strip mud, move rig loads, safety meeting, wait on daylight to move rig
Mar 13	-	-	wait on daylight to move rig, safety meeting, move rig, rig up drilling equipment, safety meeting, nipple up diverter and gas lines to flare tank
Mar 14	69	69	nipple up diverter and gas lines to flare tank, make up BHA, pre-spud safety meeting and diverter drill, spud at 05:45hrs, drill 311mm surface hole from 0m to 33m, deviation survey, rig service, BOP drill, loss circulation, condition mud and circulate, drill 311mm hole from 33m to 38m, rig service, safety meeting, service pump and shaker screen, condition mud and circulate, drill 311mm hole from 38m to 69m, deviation survey
Mar 15	391	322	rig service, safety meeting, drill 311mm hole from 69m to 391m, deviation survey accumulated
Mar 16	427	36	rig service, safety meeting, drill 311mm hole from 391m to 427m, condition mud and circulate, deviation survey accumulated, POOH – wiper trip, RIH, reamed tight spots from 70m to 90m, condition mud and circulate, POOH to run casing, rig service, safety meeting, rig up tong hand, run casing, pump mud ring and circulate, condition mud and circulate, safety meeting, cementing with Sanjel, wait on cement, cut diverter flange, cut casing, weld bowl,
Mar 17	427	0	safety meeting, nipple up BOP and manifold shack, flare and degasser lines, safety meeting, test BOP and manifold, rig service, safety meeting, RIH, cut off drill line, BOP drill, get ice plug out of kelly hose
Mar 18	779	352	rig service, drill out float and shoe – tagged cement at 411m, drill 200mm hole from 427m to 438m, formation leak off test, drill 200mm hole from 437m to 779m, deviation survey accumulated
Mar 19	1119	340	rig service, safety meeting, drill 200mm hole from 779m to 895m, 10 stands wiper trip, drill 200mm hole from 895m to 1119m, deviation survey accumulated

Daily Drilling Summary

Mar 20	1332	213	rig service, safety meeting, drill 200mm hole from 1119m to 1332m, BOP drill, deviation survey accumulated
Mar 21	1439	107	rig service, safety meeting, drill 200mm hole from 1332m to 1439m, deviation survey
Mar 22	1457	18	rig service, safety meeting, drill 200mm hole from 1439m to 1457m, condition mud and circulate, safety meeting, deviation survey, wiper trip to 630m, condition mud and circulate, rig service, cut off drill line, safety meeting, wire line logs with Precision Wireline
Mar 23	-	-	wire line logs with Precision Wireline

Formation Tops

Kelly Bush Elevation: 701.4m
Ground Elevation: 697.4m

Formation	PROGNOSED (m)			SAMPLES (m)			LOGS (m)		
	MD	TVD	SS	MD	TVD	SS	MD	TVD	SS
Wabamun	469.4	469.4	232.0				472.0	472.0	229.4
Fort Simpson	653.4	653.4	48.0				648.5	648.5	52.9
Beaverhill Lake	1241.4	1241.4	-540.0	1240.0	1240.0	-538.6	1239.5	1239.5	-538.1
Slave Point**	1263.1	1263.1	-561.7	1263.0	1263.0	-561.6	1262.5	1262.5	-561.1
F4 Marker	1303.9	1303.9	-602.5	1304.0	1304.0	-602.6	1303.0	1303.0	-601.6
Watt Mountain	1311.4	1311.4	-610.0	1312.0	1312.0	-610.6	1311.5	1311.5	-610.1
Sulphur Point Limestone	1317.4	1317.4	-616.0	1329.0	1329.0	-627.6	1329.0	1329.0	-627.6
Sulphur Point Dolomite*	1326.1	1326.1	-624.7	1338.0	1338.0	-636.6	1340.0	1340.0	-638.6
Muskeg	1339.1	1339.1	-637.7	1353.0	1353.0	-651.6	1353.0	1353.0	-651.6
Keg River**	1433.6	1433.6	-732.2	1409.0	1409.0	-707.6	1412.5	1412.5	-711.1
Precambrian	1479.6	1479.6	-778.2	1453.0	1453.0	-751.6	1453.0	1453.0	-751.6
TD	1484.4	1484.4	-783.0	1457.0	1457.0	-755.6	1457.0	1457.0	-755.6
* Primary Target ** Secondary Target									

Sample Descriptions

FORT SIMPSON 648.5m (52.9m SSL)

1195m – 1205m

10m

SHALE 80%, light to medium gray, sub fissile to platy, hard, slightly micromicaceous, very calcareous, trace pyrite, sub waxy texture,
SHALE 20%, medium brown gray, blocky, moderately hard, micromicaceous in part, silty, trace disseminated pyrite, very calcareous, rough texture

1205m – 1220m

15m

SHALE 60%, medium gray, sub fissile to platy, hard, slightly micromicaceous, silty in part, slightly calcareous, trace pyrite, sub waxy texture,
SHALE 40%, medium brown gray, blocky, moderately hard, micromicaceous in part, trace disseminated pyrite, calcareous, rough texture

1220m – 1230m

10m

SHALE 80%, medium gray, sub fissile to platy, moderately hard to hard, slightly micromicaceous, silty in part, trace disseminated pyrite, slightly calcareous, fine texture,
SHALE 20%, medium brown gray, blocky, soft to moderately hard, micromicaceous in part, calcareous, rough texture

1230m – 1239.5m

9.5m

SHALE 70%, light to medium gray, blocky to sub fissile, moderately hard, micromicaceous in part, trace disseminated pyrite, slightly calcareous, silty in part, fine to medium texture,
SHALE 30%, medium brown gray, blocky, moderately hard, slightly micromicaceous, calcareous, slightly carbonaceous, rough texture

BEAVERHILL LAKE 1239.5m (-538.1m SSL)

1239.5m – 1250m

11.5m

SHALE 70%, medium gray, blocky to sub fissile, moderately hard, micromicaceous, trace disseminated pyrite, slightly calcareous, silty in part, fine to medium texture,

Sample Descriptions

SHALE 20%, medium brown gray, blocky, soft to moderately hard, calcareous, carbonaceous, rough texture,
LIMESTONE 10%, off white to light gray, occasional tan, cryptocrystalline to occasional very fine crystalline, argillaceous mudstone, lumpy to blocky, tight, dense to lithographic texture, no visual porosity, no shows

1250m – 1262.5m

12.5m

SHALE 90%, medium gray, blocky to sub fissile, moderately hard, micromicaceous, trace disseminated pyrite, slightly calcareous, silty in part, fine to medium texture,
LIMESTONE 10%, off white to light gray, occasional tan, cryptocrystalline to occasional very fine crystalline, argillaceous mudstone, lumpy, tight, dense to lithographic texture, no visual porosity, no shows

SLAVE POINT 1262.5m (-561.1m SSL)

1262.5m – 1267m

4.5m

LIMESTONE 100%, cream to light brown, mottled, predominantly cryptocrystalline, rarely very fine crystalline, mudstone to wackestone, lithographic texture in part, chalky texture in part, lumpy to blocky, trace pyrite, argillaceous, tight, no visual porosity, no shows

1267m – 1272m

5m

LIMESTONE 100%, cream to light brown, mottled, predominantly cryptocrystalline, rarely very fine and fine crystalline, mudstone to wackestone, chalky texture in part, dense texture in part, lumpy to blocky, argillaceous, tight with locally trace poor intercrystalline porosity and assumed poor earthy porosity, trace yellow fluorescence, no cut, questionable show

1272m – 1275m

3m

LIMESTONE 100%, cream to tan, locally light brown, mudstone to wackestone, predominantly cryptocrystalline to microcrystalline, occasionally fine and rarely medium crystalline, chalky texture in part, dense texture in part, argillaceous, slightly dolomitic in part, tight in part, locally good pinpoint and vuggy porosity (2 to 12%), trace poor intercrystalline porosity and assumed earthy porosity, common pale yellow fluorescence, fast white streaming cut, strong hydrocarbon odour

Sample Descriptions

1275m – 1282m

7m

LIMESTONE 100%, cream to light brown, mottled, predominantly cryptocrystalline and microcrystalline, occasional very fine crystalline to rarely fine crystalline, mudstone to wackestone, chalky texture in part, dense texture in part, lumpy to blocky, trace pyrite, argillaceous, tight in part, locally poor intercrystalline porosity and assumed earthy porosity, trace yellow fluorescence, questionable show

1282m – 1287m

5m

LIMESTONE 100%, cream to light brown, mudstone to wackestone, predominantly cryptocrystalline to microcrystalline, very fine crystalline to rarely fine crystalline, chalky texture in part, argillaceous, lumpy to blocky, tight in part, poor earthy intercrystalline porosity (2 to 6%), spotty pale yellow fluorescence, slow white ribbon cut, questionable show

1287m – 1292m

5m

LIMESTONE 100%, cream to tan, rarely brown, mottled, mudstone, cryptocrystalline to microcrystalline, rarely fine crystalline, lumpy to blocky, chalky texture in part, massive, slightly dolomitic in part, argillaceous, tight, assumed poor earthy porosity (0 to 4%), spotty pale yellow fluorescence, weak white ribbon cut, questionable show

1292m – 1303m

11m

LIMESTONE 100%, cream to tan to light gray tan, mottled, mudstone, cryptocrystalline to microcrystalline, occasional fine crystalline, lumpy, argillaceous, chalky texture, dense, slightly dolomitic, anhydritic in part, tight, no visual porosity, no fluorescence, no shows

F4 MARKER 1303m (-601.6m SSL)

1303m – 1311.5m

8.5m

LIMESTONE 75%, light gray to light brown in part, mudstone, predominantly cryptocrystalline to occasional microcrystalline, argillaceous, lumpy, anhydritic, dolomitic in part, tight, no visual porosity, no fluorescence, no shows,
DOLOMITE 20%, medium brown, cryptocrystalline to microcrystalline, blocky, tight, no shows,
ANHYDRITE 5%, off-white to rarely tan, cryptocrystalline to microcrystalline, pearly lustre, tight

Sample Descriptions

WATT MOUNTAIN 1311.5m (-610.1m SSL)

1311.5m – 1329m

17.5m

SHALE 70%, medium green gray, rarely dark gray, soft, very calcareous grading to shaly limestone, anhydritic in part, common disseminated pyrite and pyrite crystals, waxy texture,

LIMESTONE 30%, white to light green gray, mudstone, predominantly cryptocrystalline to occasional microcrystalline, argillaceous, lumpy, tight, no visual porosity, no fluorescence, no shows

SULPHUR POINT LST 1329m (-627.6m SSL)

1329m – 1340m

11m

LIMESTONE 100%, predominant off-white to tan, light brown to dark brown, gray in part, predominant cryptocrystalline to fine and medium crystalline, mudstone to wackestone, slightly dolomitic, slightly anhydritic, argillaceous in part, lumpy to blocky, spotty yellow fluorescence, no cut, tight to poor intercrystalline porosity and assumed poor earthy porosity (0 to 3%)

SULPHUR POINT DOLOMITE 1340m (-638.6m SSL)

1340m – 1343m

3m

DOLOMITE 100%, light brown to medium brown, microcrystalline to medium crystalline, grainstone, sucrosic texture, sandy appearance, slightly anhydritic, streaks of fair intercrystalline porosity (up to 10%), spotty yellow fluorescence, fast yellow white streaming cut, strong hydrocarbon odour

1343m – 1353m

10m

DOLOMITE 100%, light brown to brown, microcrystalline to fine and rarely medium crystalline, grainstone, sucrosic texture, sandy appearance in part, slightly anhydritic, streaks of fair intercrystalline and pinpoint porosity (up to 10%), spotty yellow fluorescence, fast yellow white streaming cut, strong hydrocarbon odour

Sample Descriptions

MUSKEG 1353.0m (-651.6m SSL)

1353m – 1358m

5m

DOLOMITE 80%, light brown to brown, microcrystalline to medium crystalline, grainstone, sucrosic texture, anhydritic, tight, poor intercrystalline porosity (2 to 5%), spotty yellow fluorescence, questionable show,

SHALE 20%, medium gray to green gray, sub fissile to platy, moderately hard, trace pyrite, waxy texture

1358m – 1367m

9m

DOLOMITE 100%, light brown to tan, microcrystalline to fine crystalline, anhydritic, sucrosic to dense texture in part, tight in part, locally poor to fair and good intercrystalline porosity (0 to 15%), pale yellow fluorescence, slow yellow white ribbon cut

1367m – 1373m

6m

ANHYDRITE 100%, white to occasional gray tan, cryptocrystalline to microcrystalline, dolomitic in part, slightly argillaceous, calcareous in part, pearly to watery lustre, dense, tight

1373m – 1377m

4m

DOLOMITE 50%, light brown to tan, microcrystalline to fine crystalline, anhydritic, sucrosic to dense texture in part, poor intercrystalline porosity (0 to 5%), pale yellow fluorescence,

ANHYDRITE 50%, white to occasional gray tan, cryptocrystalline to microcrystalline, dolomitic in part, calcareous in part, pearly to watery lustre, dense, tight

1377m – 1386m

9m

ANHYDRITE 90%, white to occasional gray tan, occasional pearly white amorphous nodules, cryptocrystalline to microcrystalline, dolomitic in part, pearly to watery lustre, dense, tight,

DOLOMITE 10%, light brown to tan, microcrystalline to fine crystalline, anhydritic, dense texture in part, tight

1386m – 1389m

3m

DOLOMITE 100%, light brown to tan, microcrystalline to fine crystalline, anhydritic, sucrosic to dense texture in part, tight, locally poor

Sample Descriptions

intercrystalline porosity (0 to 5%), pale yellow fluorescence, slow yellow white ribbon cut

1389m – 1400m

11m

ANHYDRITE 70%, white to occasional gray tan, cryptocrystalline to microcrystalline, dolomitic in part, calcareous in part, pearly to watery lustre, dense, tight,

DOLOMITE 30%, light brown to tan, microcrystalline to very fine and fine crystalline, anhydritic, sucrosic to dense texture in part, tight, locally poor to fair intercrystalline porosity (0 to 4%), no show

1400m – 1412.5m

12.5m

ANHYDRITE 90%, white to occasional gray tan, cryptocrystalline to microcrystalline, dolomitic in part, argillaceous in part, pearly to watery lustre, dense, tight,

DOLOMITE 10%, light brown to tan, microcrystalline to very fine and fine crystalline, anhydritic, rarely sucrosic to common dense texture in part, tight, no visual porosity, no show

KEG RIVER 1412.5m (-711.1m SSL)

1412.5m – 1417m

4.5m

DOLOMITE 100%, light brown to tan, brown in part, microcrystalline to fine crystalline, locally coarse crystalline, common dark oil stain, anhydritic in part, sucrosic texture in part, free sparry calcite crystalline dolomite rhombi along cutting surfaces suggest vuggy / or fracture porosity, good intercrystalline porosity (2 to 12%), pale yellow fluorescence, weak yellow green cut, weak hydrocarbon odour

1417m – 1425m

8m

DOLOMITE 100%, light brown to tan, microcrystalline to fine crystalline, trace dark oil stain, anhydritic in part, sucrosic texture, poor to locally fair intercrystalline porosity (0 to 8%), pale yellow fluorescence, weak yellow green cut, weak hydrocarbon odour, questionable show

1425m – 1435m

10m

DOLOMITE 100%, tan to brown, microcrystalline to fine crystalline, trace dark oil stain, anhydritic in part, becoming tighter down section, sucrosic texture, poor to locally fair intercrystalline porosity (0 to 5%), pale yellow

Sample Descriptions

fluorescence, weak yellow green cut, weak hydrocarbon odour, questionable show

1435m – 1445m

10m

DOLOMITE 100%, tan to brown, microcrystalline to fine crystalline, trace dark oil stain, anhydritic and argillaceous in part, silty to sandy appearance, sucrosic texture, poor to locally fair intercrystalline porosity (0 to 5%), locally poor pinpoint porosity, pale yellow fluorescence, weak yellow green cut, weak hydrocarbon odour, questionable show

1445m – 1453m

8m

DOLOMITE 100%, tan to brown, light gray brown, becoming more gray than above, predominant microcrystalline to fine crystalline, spotty dark oil stain, grainstone, silty to sandy appearance, trace shale partings, anhydrite stringers, sucrosic texture, poor to locally fair intercrystalline porosity (0 to 10%), pale yellow fluorescence, weak yellow green cut, weak hydrocarbon odour, questionable show

PRECAMBRIAN 1453m (-751.6m SSL)

1453m – 1457m

4m

GRANITE / GNEISS, light gray, predominant hornblende, weathered appearance, scattered green chloride, abundant angular clear quartz fragments, coarse grained, angular, very firm, tight

TOTAL DEPTH 1457m (-755.6m SSL)



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

Well Name: Para et al Cameron E-07
Location: Unit E Section 07 Grid Area 60°10'N, 117°30'W
Licence Number: 1125
Spud Date: March 14, 2006 05:45hrs
Surface Coordinates: Latitude: 60°06'19.9" North
Longitude: 117°31'37.5" West
Bottom Hole Coordinates: Latitude: 60°06'19.9" North
Longitude: 117°31'37.5" West
Ground Elevation (m): 697.4
K.B. Elevation (m): 701.4
Logged Interval (m): 35 To: 1457 Total Depth (m): 1457
Formation: Primary = Sulphur Point Dolomite Secondary = Slave Point Limestone, Keg River
Type of Drilling Fluid: Gel Chem

Region: Cameron Hills, NWT

Drilling Completed: March 22, 2006 07:15hrs

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

OPERATOR

Company: Paramount Resources Ltd.
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Calgary, Alberta Canada T2P 5C5
Tel: (403) 290-3600 Fax: (403) 262-7994

GEOLOGIST

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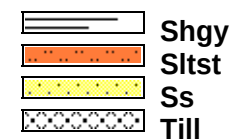
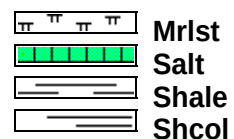
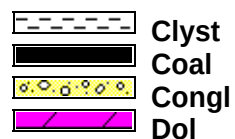
DSTs

1337m - 1349m ; 1356m - 1368m ; 1369m - 1381m

Comments

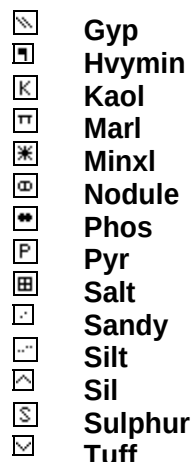
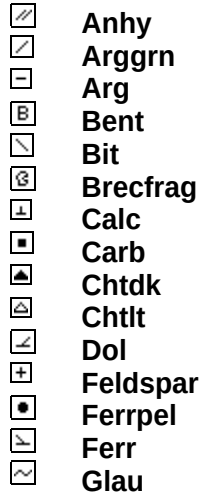
This well was drilled by Precision Drilling Rig #129
Paramount AFE No.: 05N610059
Wireline services provided by Precision Unit #361

ROCK TYPES

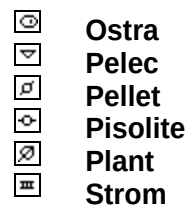
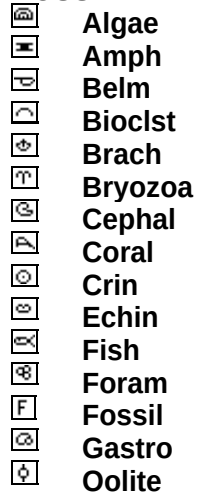


ACCESSORIES

MINERAL



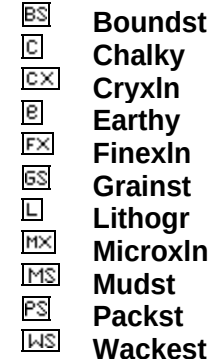
FOSSIL



STRINGER

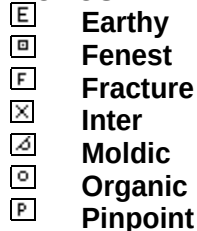


TEXTURE



OTHER SYMBOLS

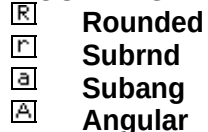
POROSITY



SORTING



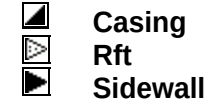
ROUNDING

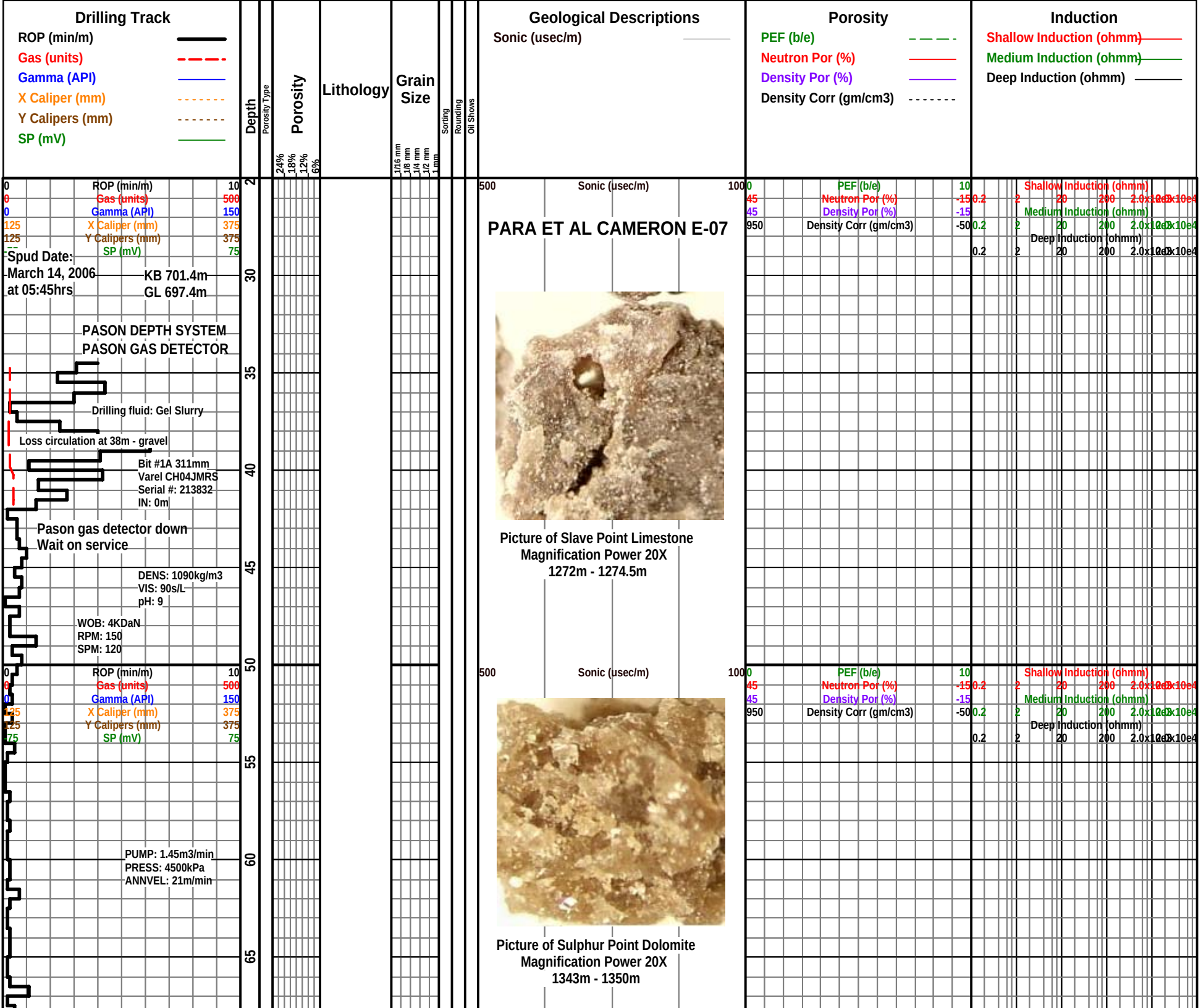


INTERVAL



EVENT





March 15, 2006
Depth: 69m
Progress: 69m

Survey at 69.32m
0.25 deg

Hit gravel at 75m

DENS: 1100kg/m3
VIS: 85s/L
pH: 9

WOB: 6.5KDaN
RPM: 150
SPM: 120

Survey at 96.14m
0.75 deg

ROP (min/m) 10
Gas (units) 500
Gamma (API) 150
X Caliper (mm) 375
Y Calipers (mm) 375
SP (mV) 75

DENS: 11200kg/m3
VIS: 65s/L
pH: 9



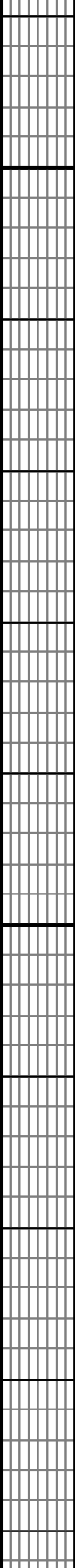
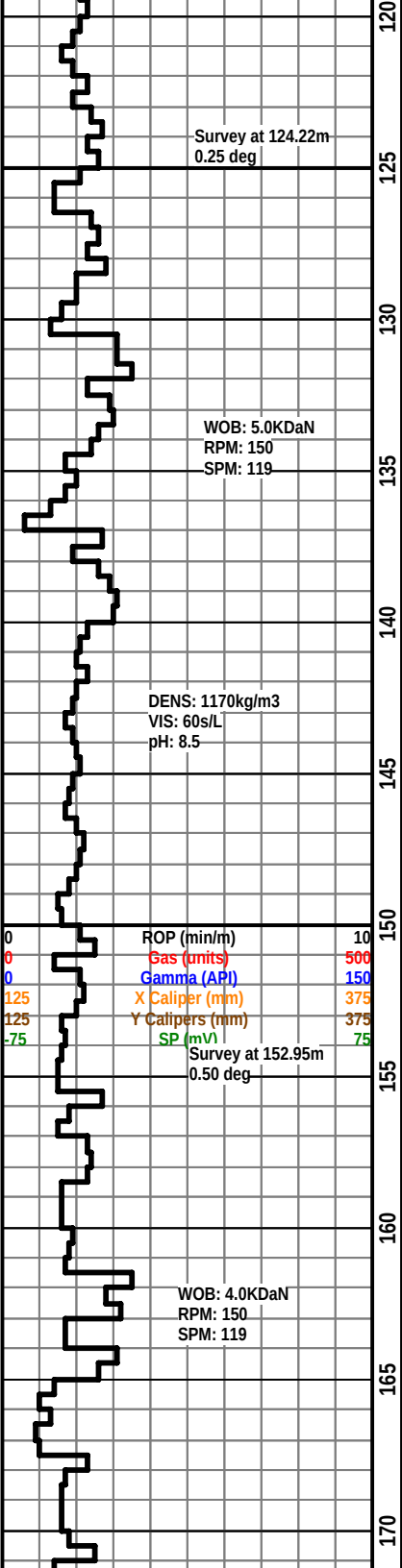
Picture of Keg River Dolomite
Magnification Power 10X
1413m - 1417m

500

Sonic (usec/m)

1000

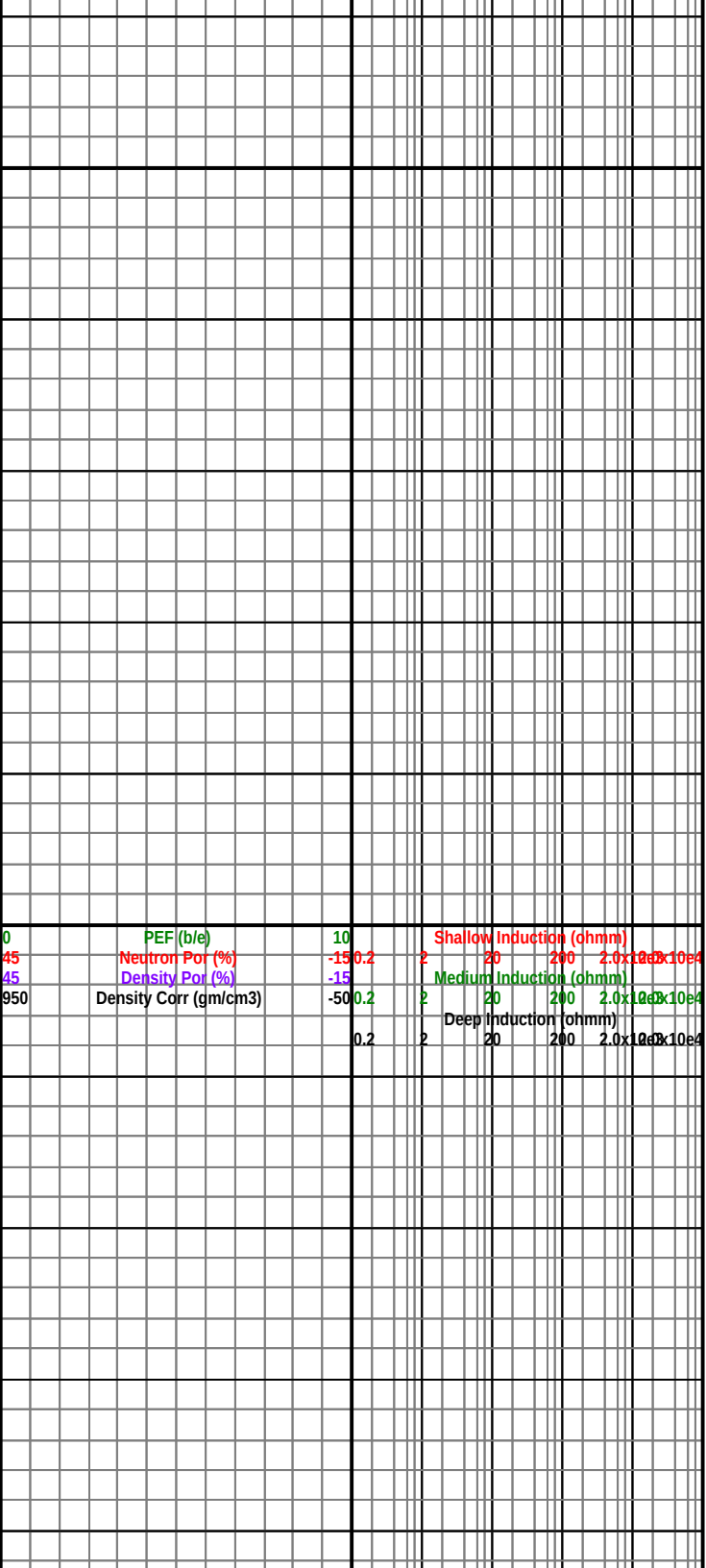
PEF (b/e) 10
Neutron Por (%) -150.2
Density Por (%) -15
Density Corr (gm/cm3) -500.2
Shallow Induction (ohmm) 20
Medium Induction (ohmm) 200
Deep Induction (ohmm) 200

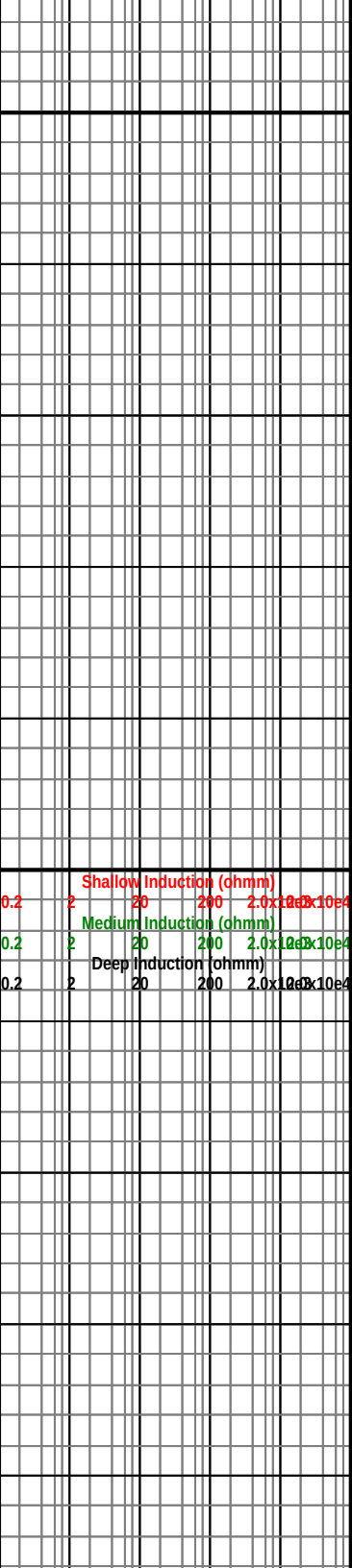
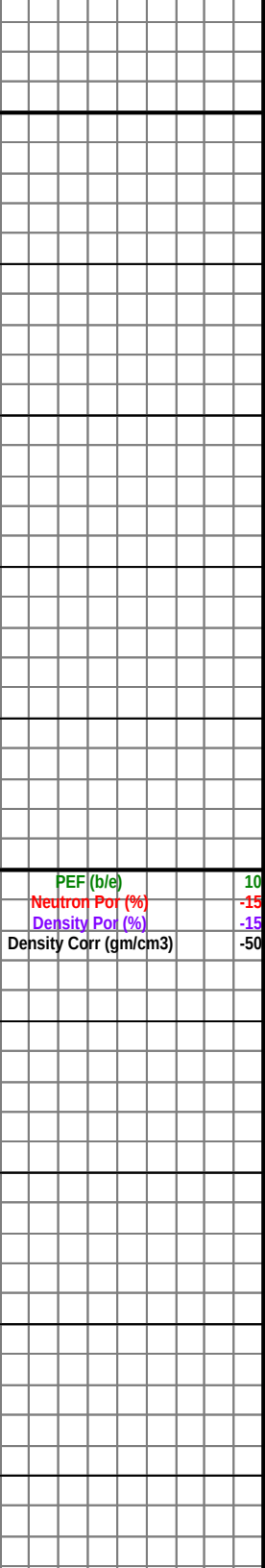
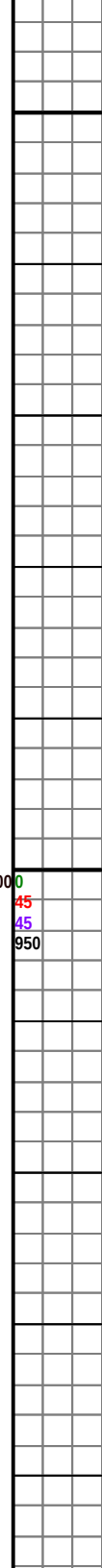
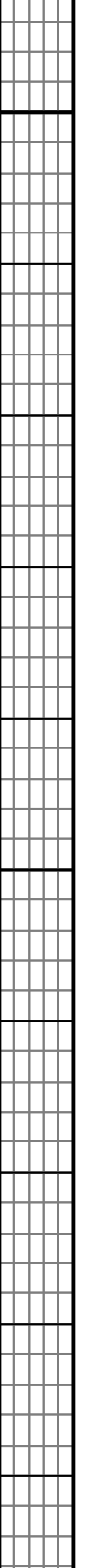
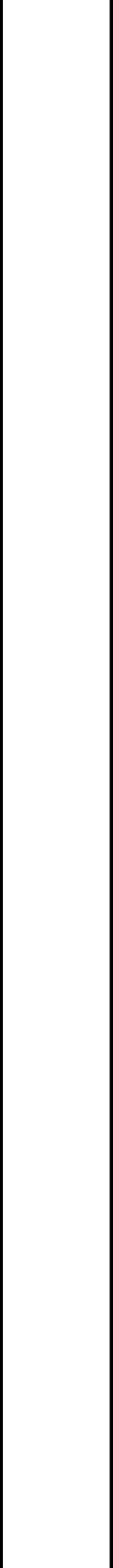
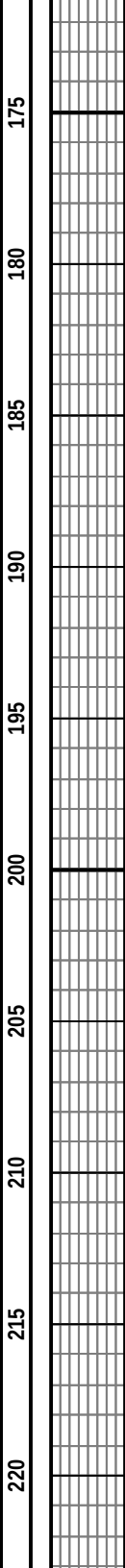
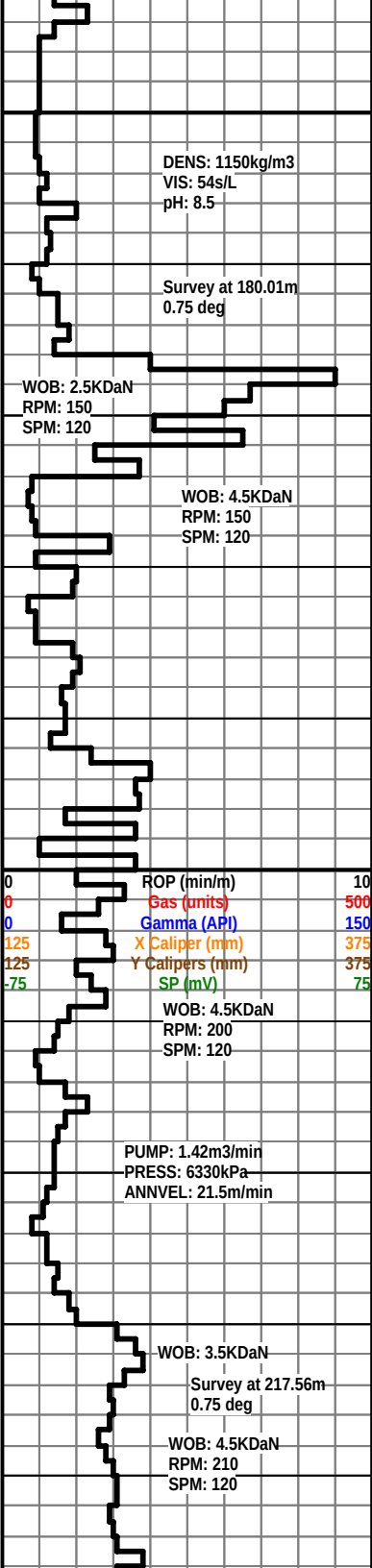


500

Sonic (usec/m)

1000





500

Sonic (usec/m)

1000

PEF (b/e)

Shallow Induction (ohmm)

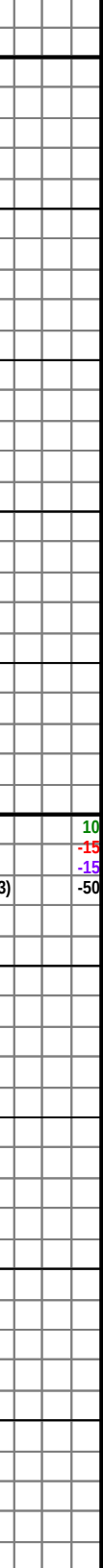
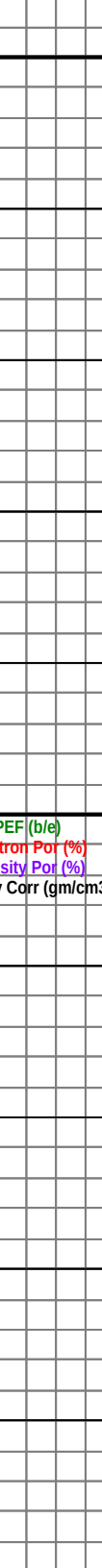
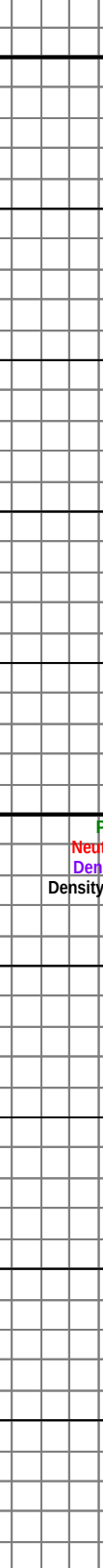
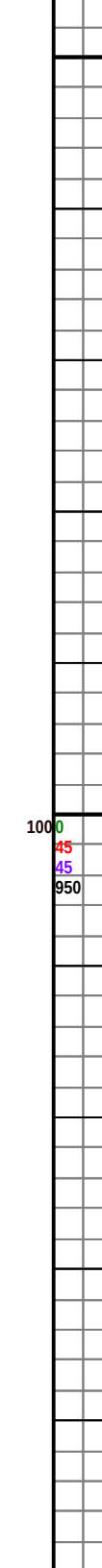
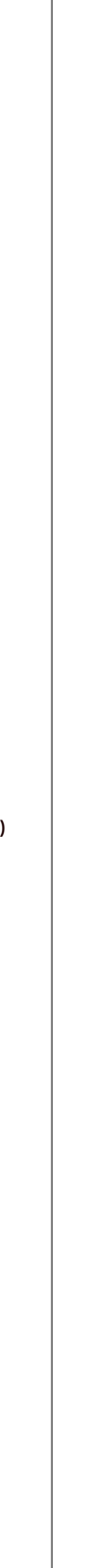
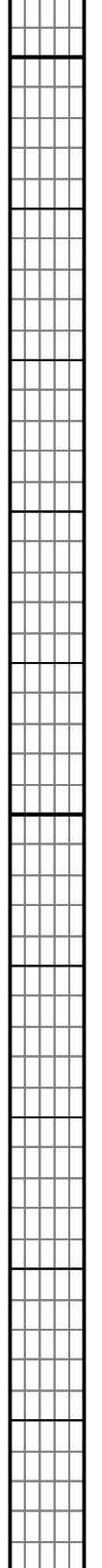
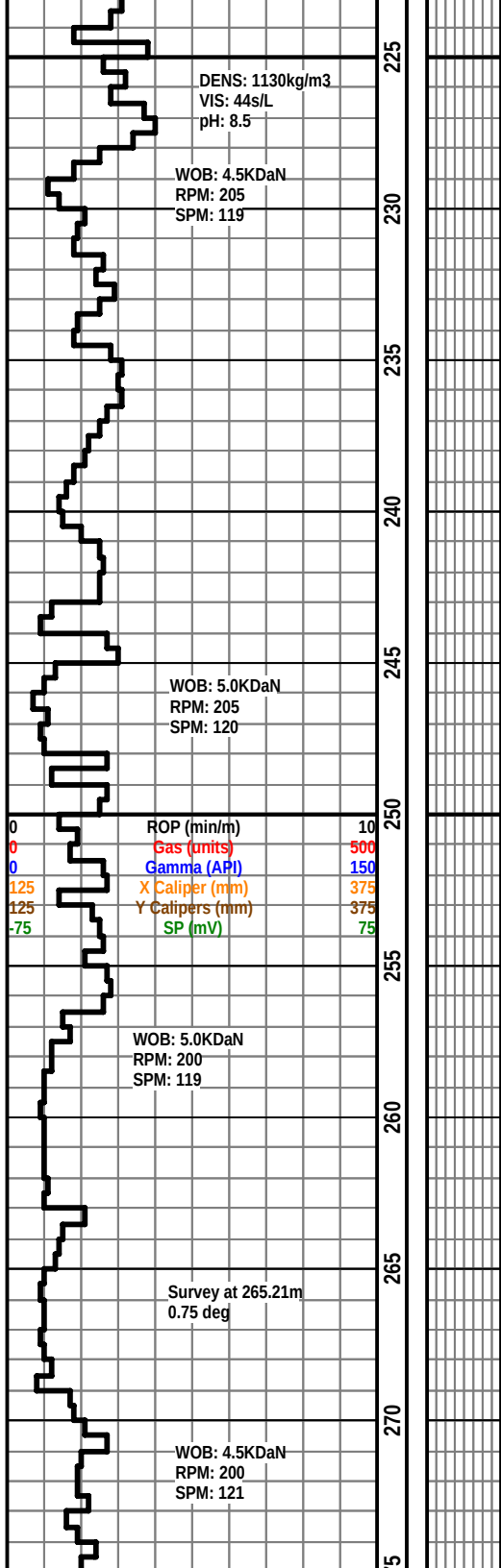
Neutron Por (%)

Medium Induction (ohmm)

Density Por (%)

Deep Induction (ohmm)

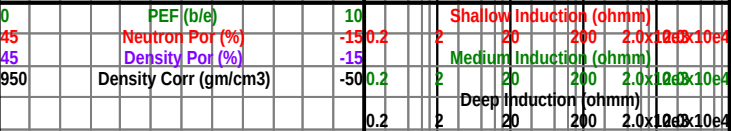
Density Corr (gm/cm3)

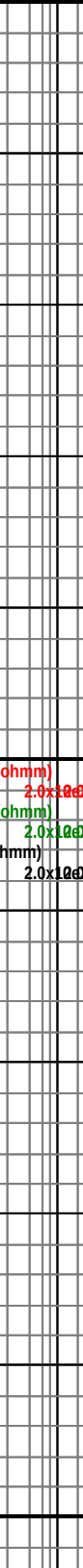
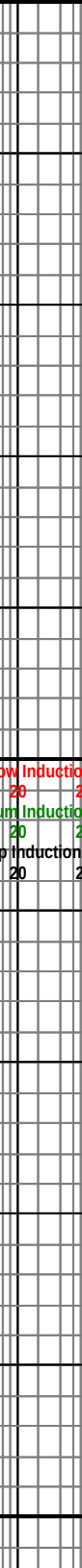
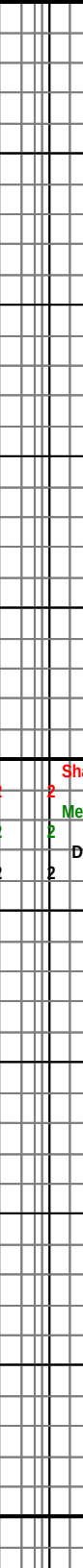
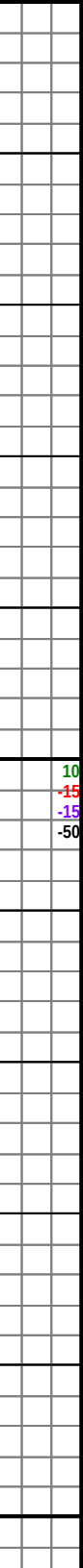
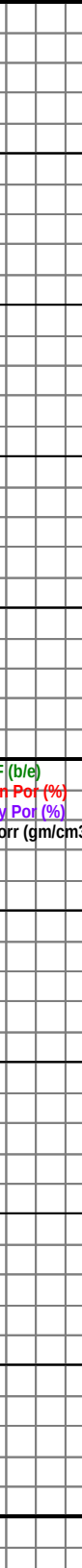
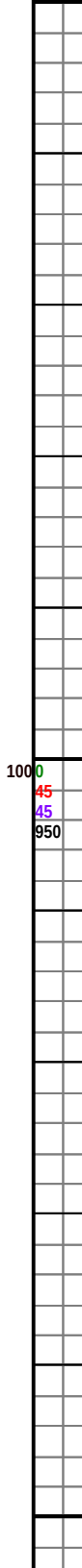
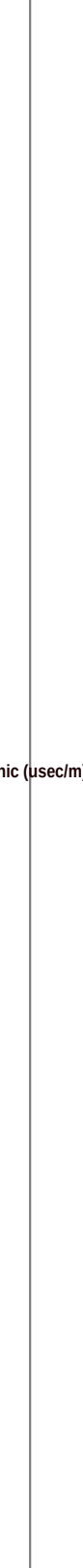
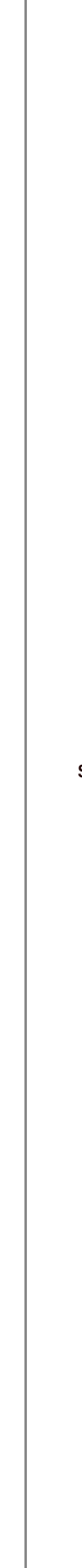
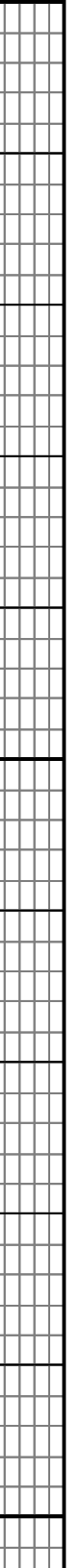
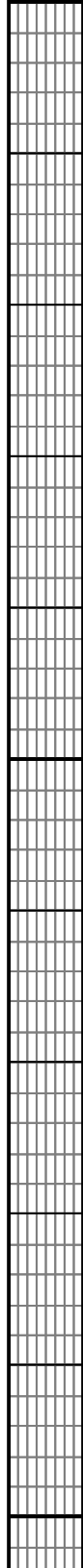
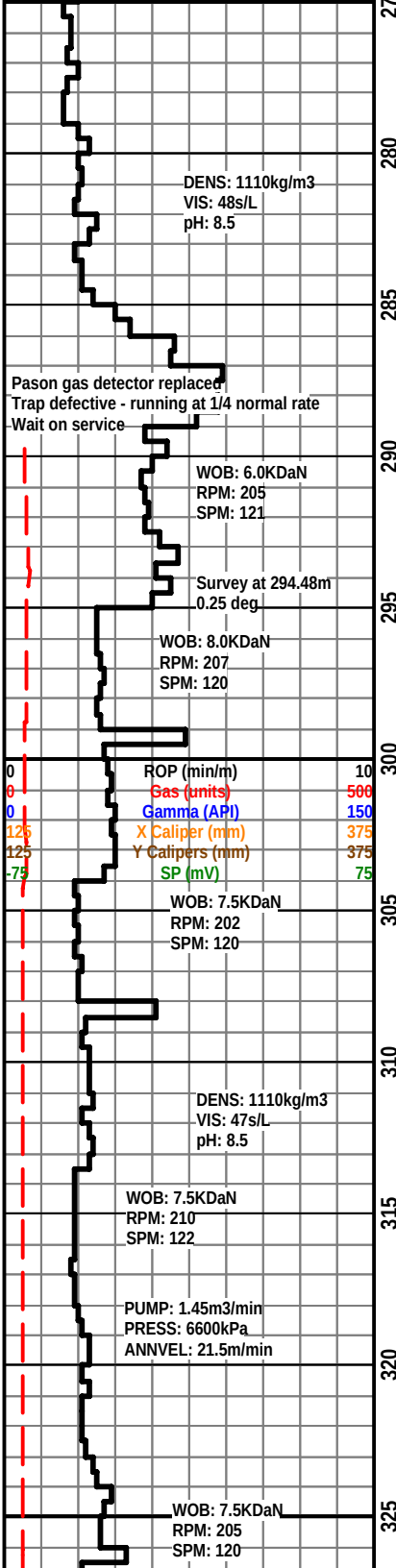


500

Sonic (usec/m)

1000





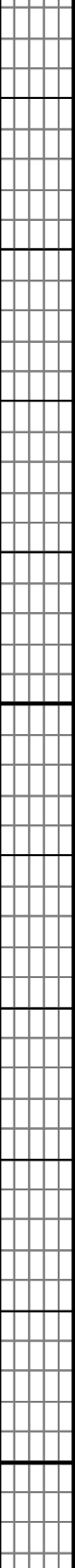
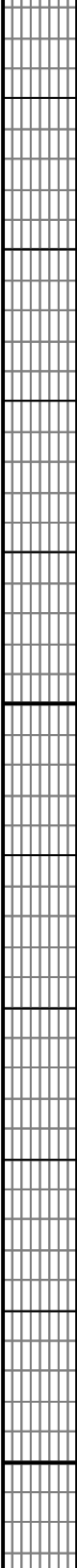
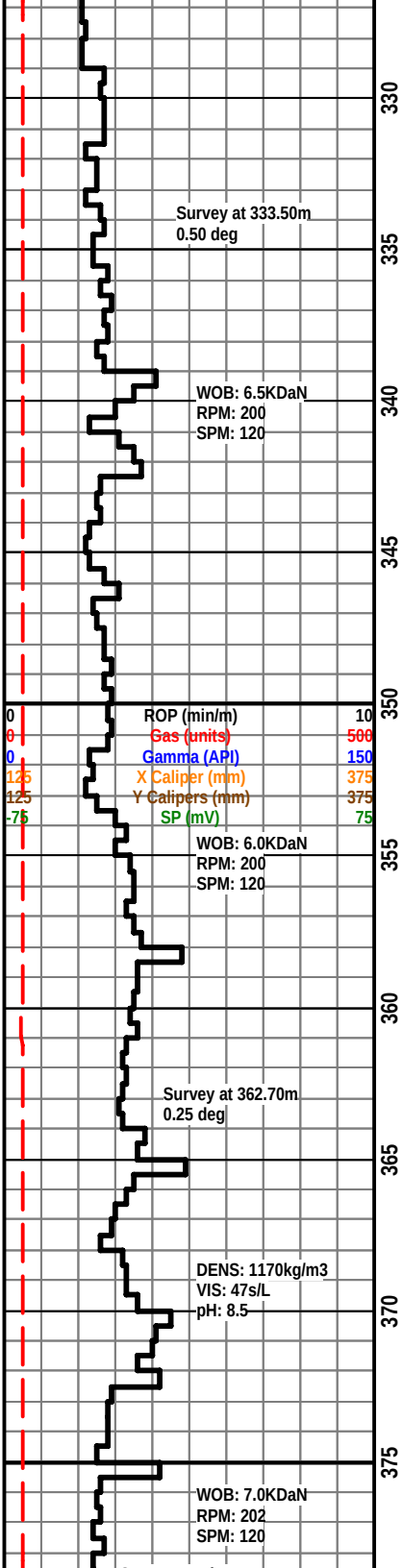
500

Sonic (usec/m)

1000

PEF (b/e)
Neutron Por (%)
Density Por (%)
Density Corr (gm/cm3)

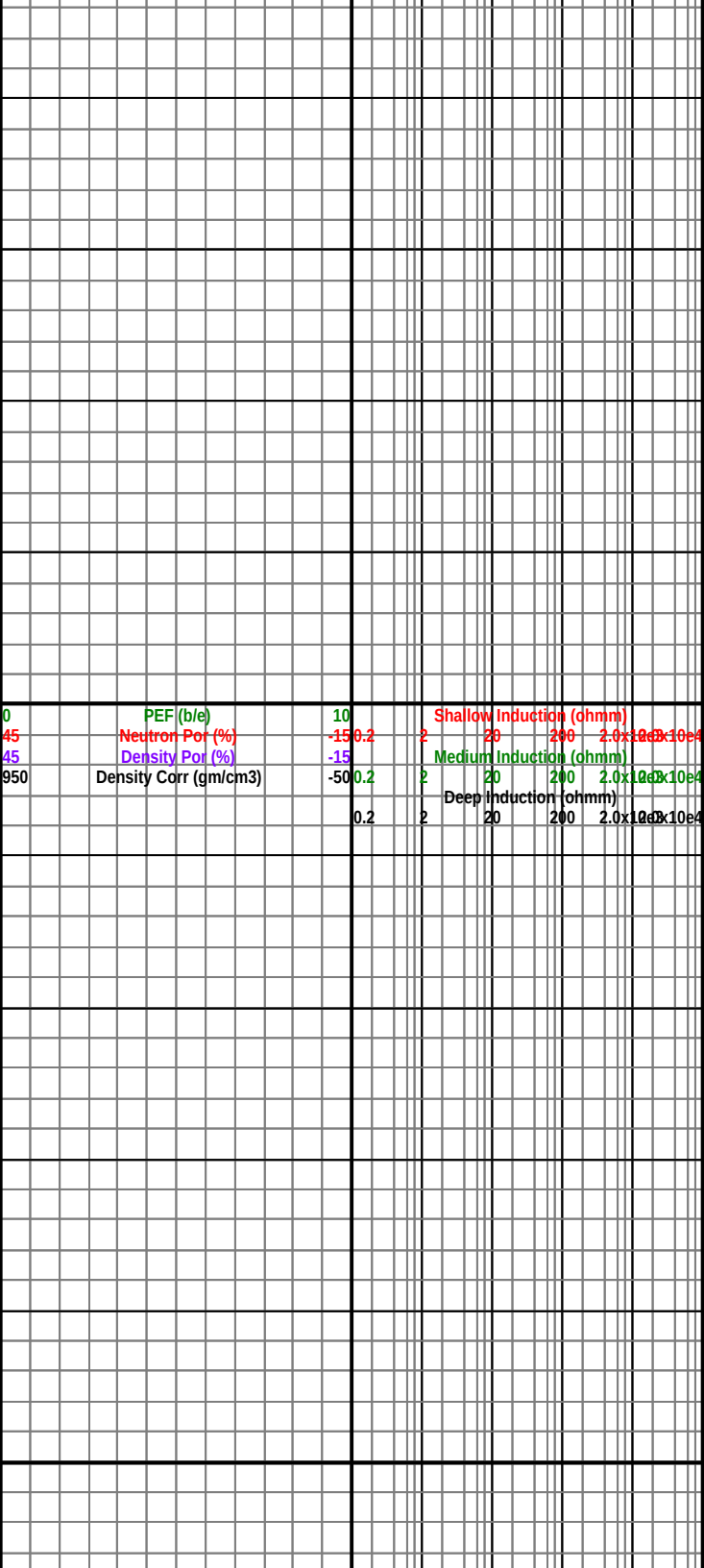
Shallow Induction (ohmm)
Medium Induction (ohmm)
Deep Induction (ohmm)

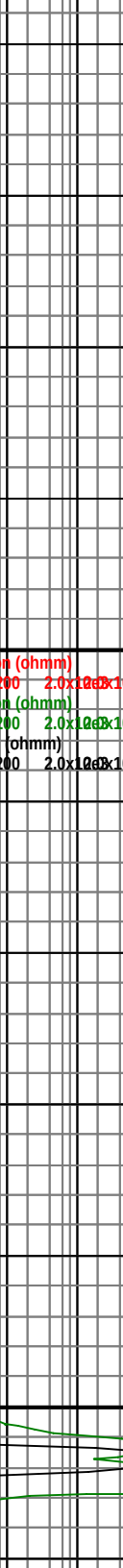
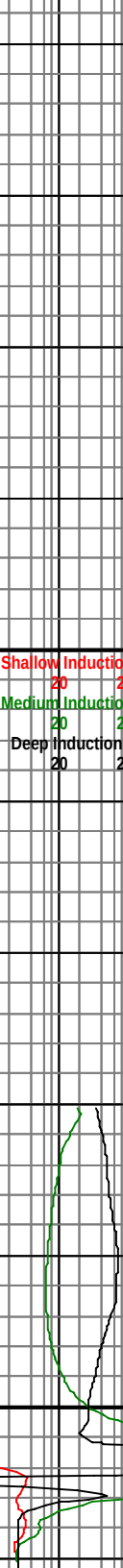
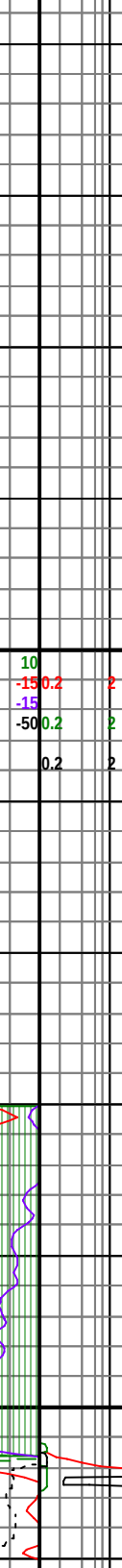
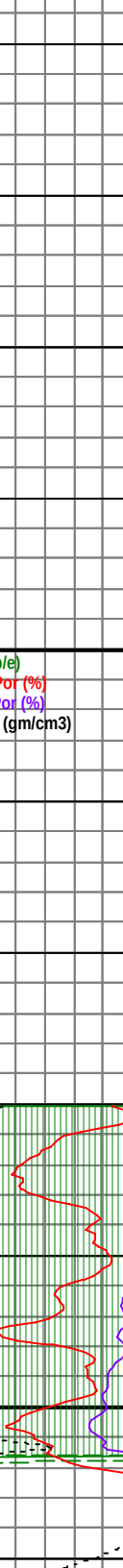
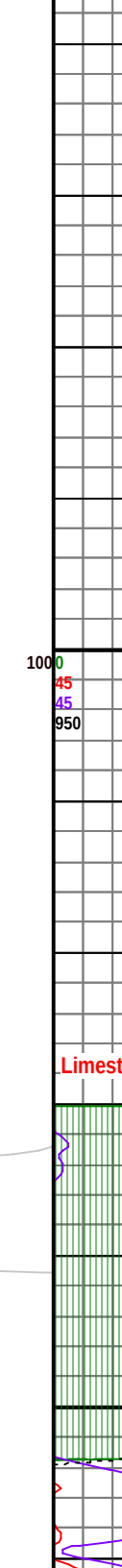
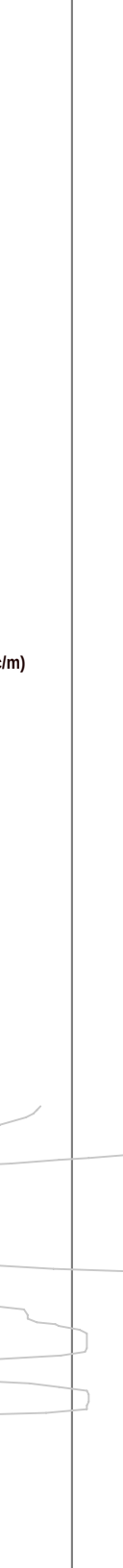
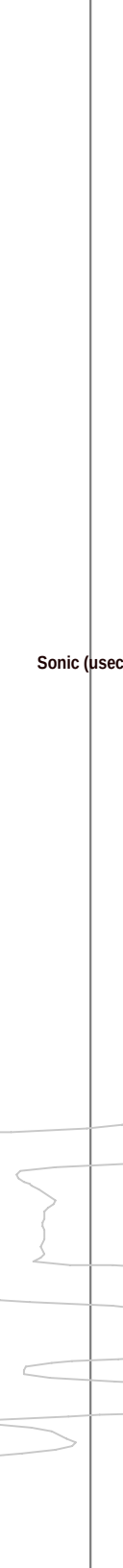
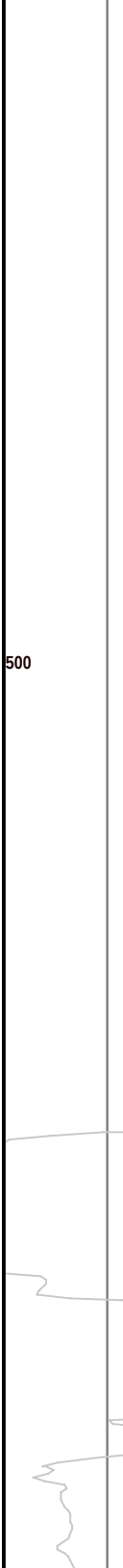
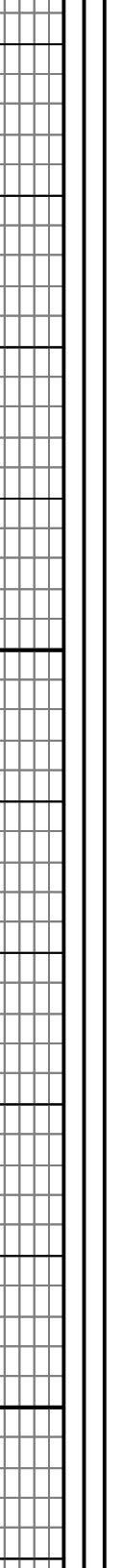
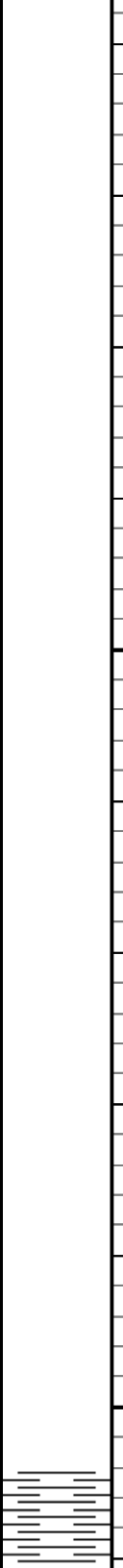
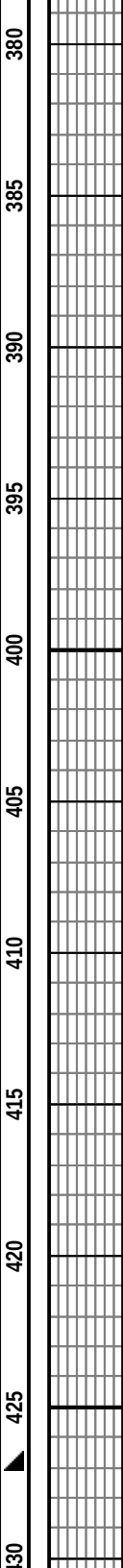
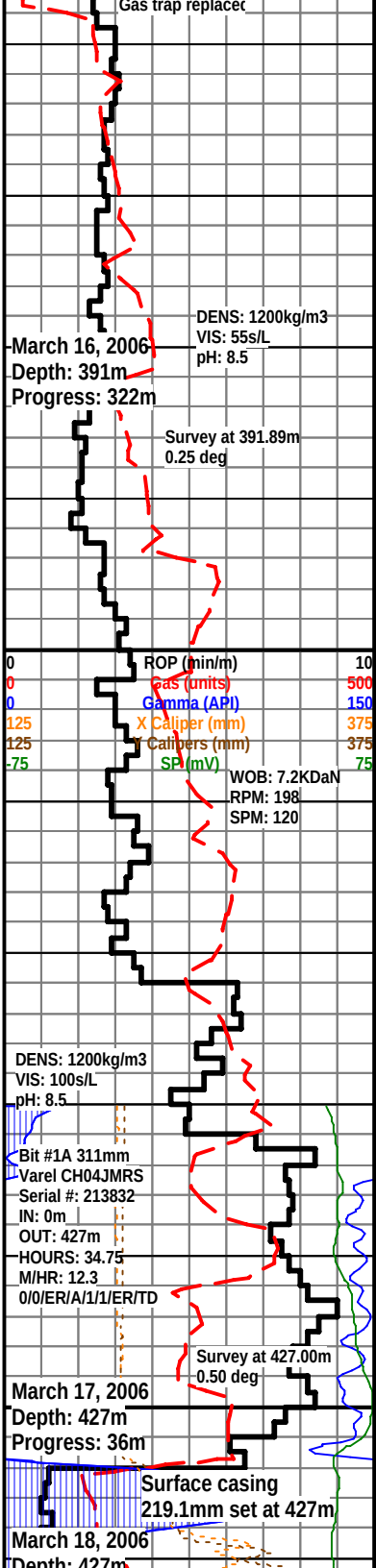


500

Sonic (usec/m)

1000

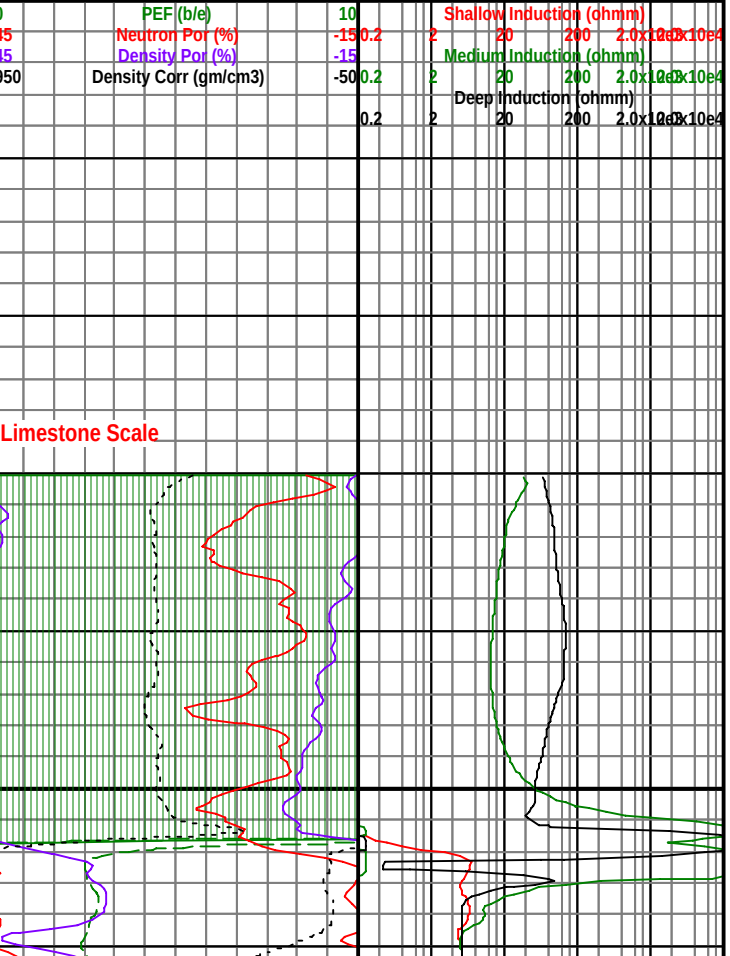


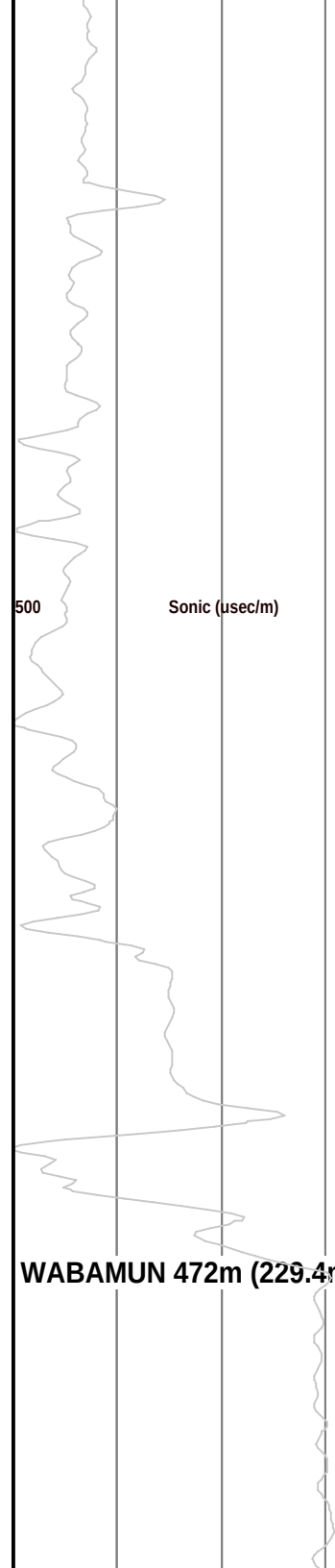
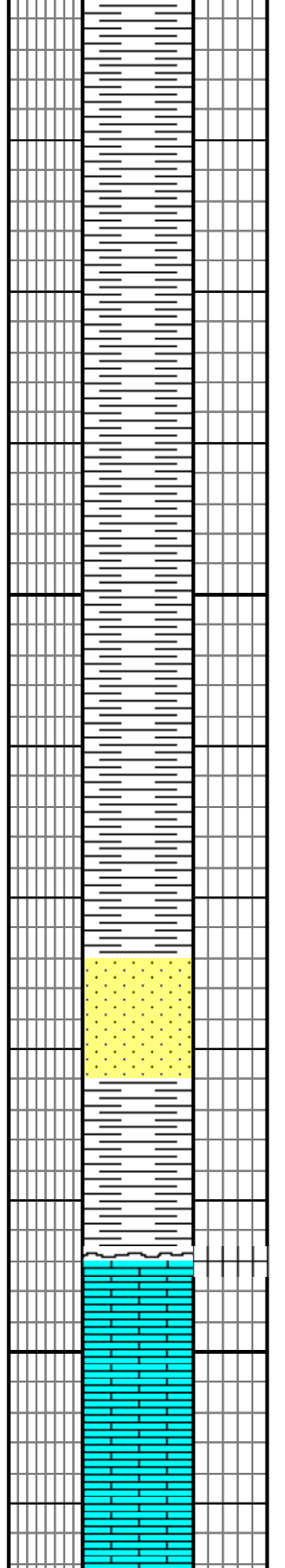
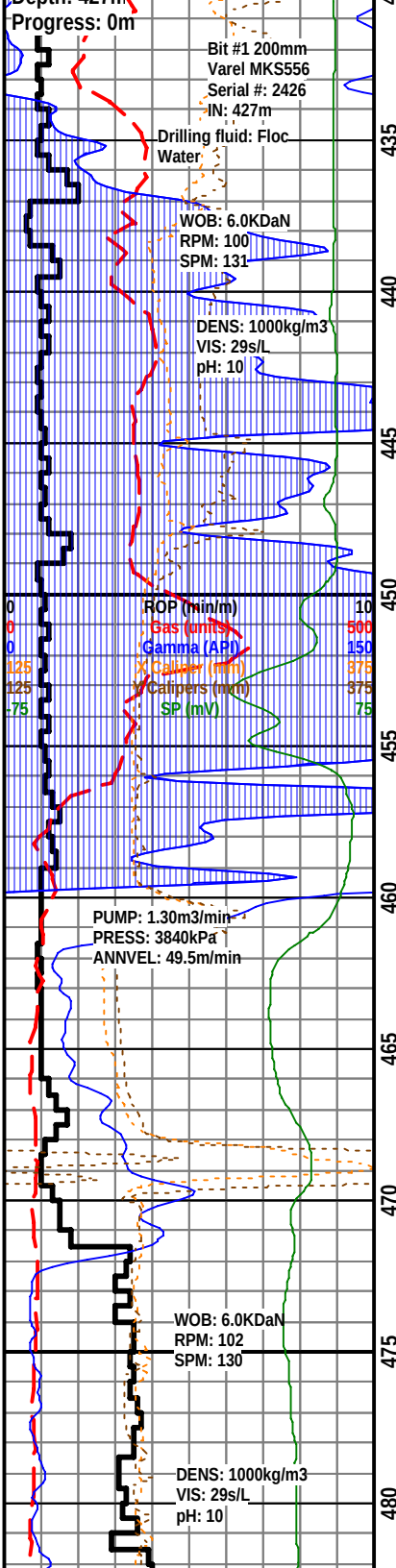


500

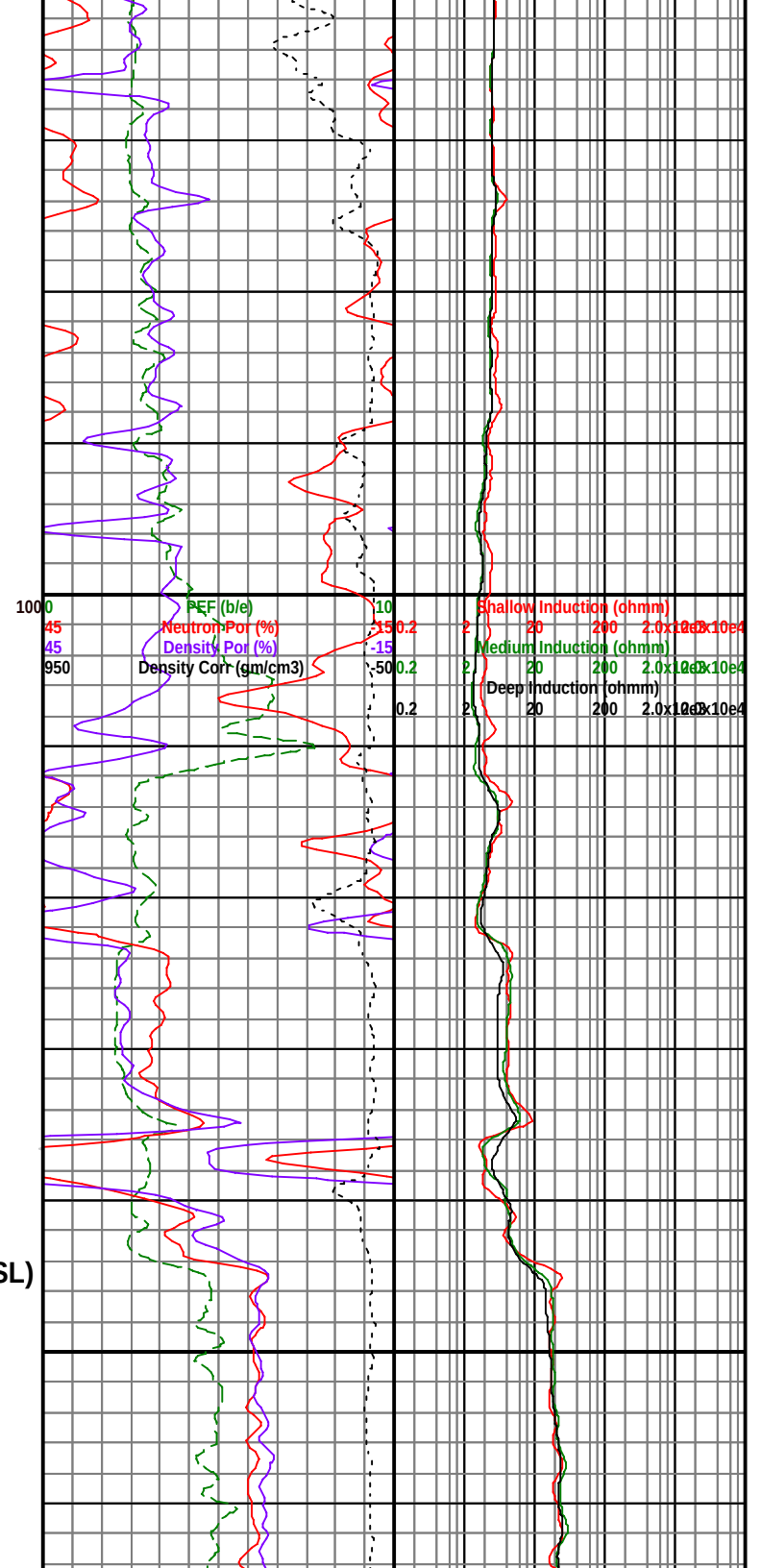
Sonic (usec/m)

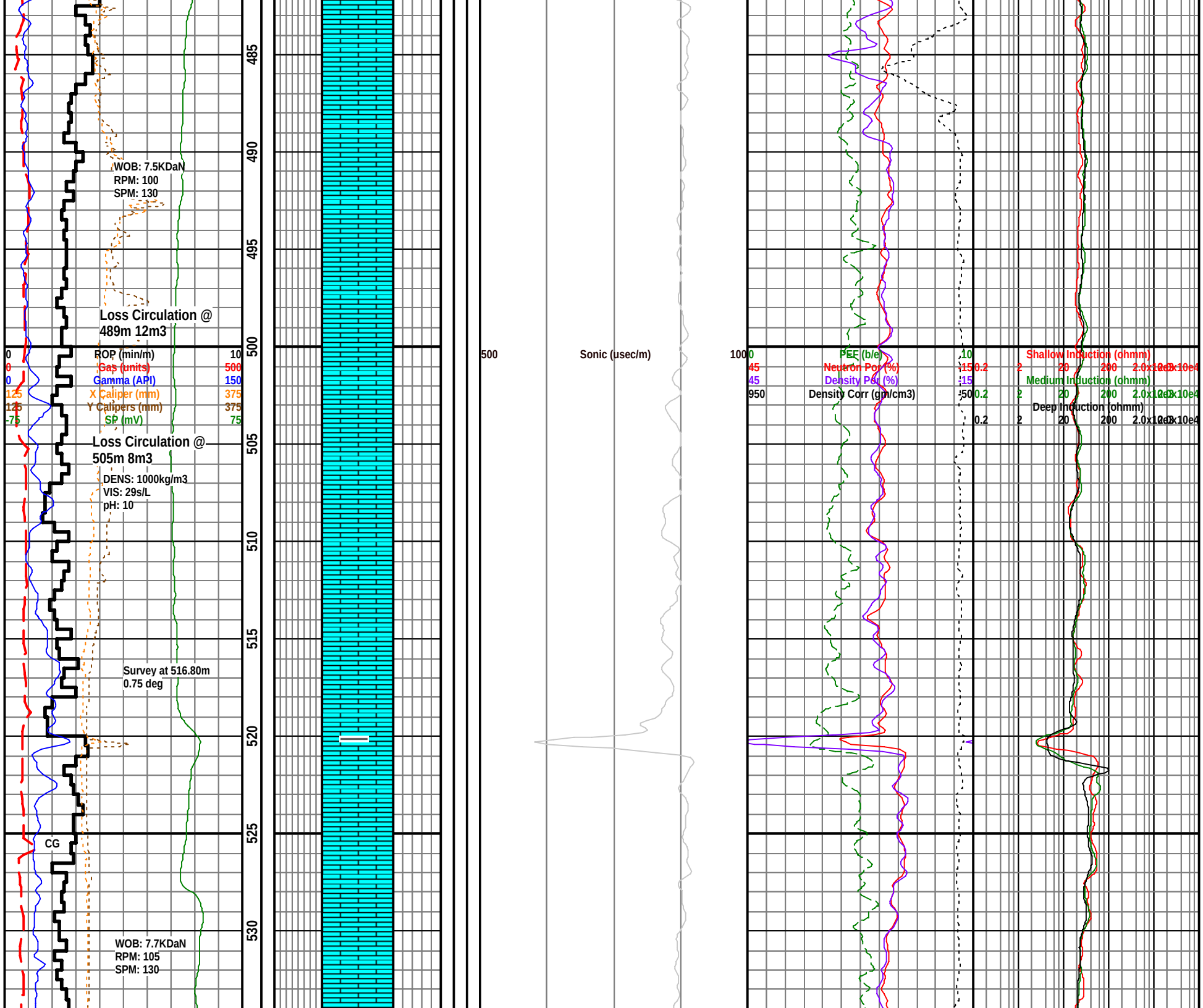
1000

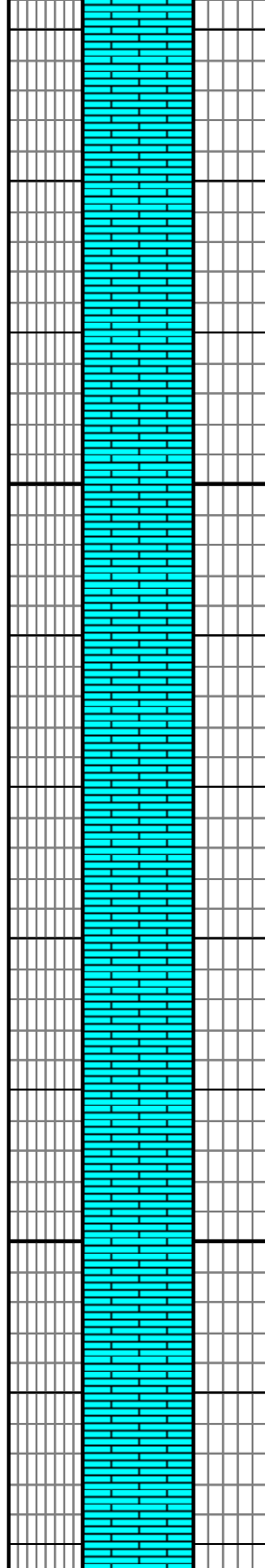
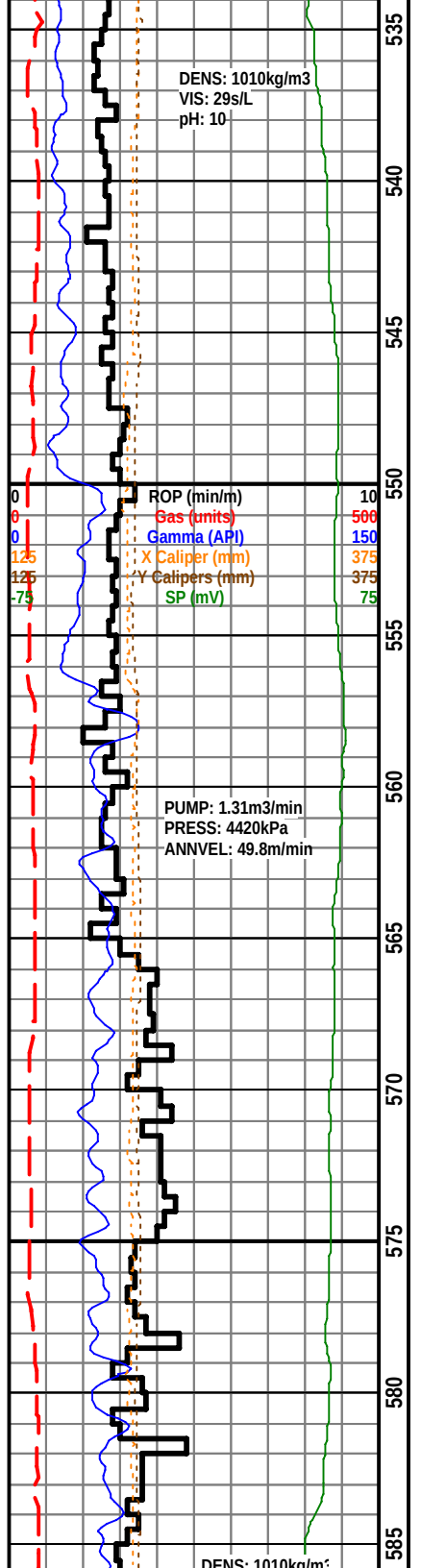




WABAMUN 472m (229.4m SSL)

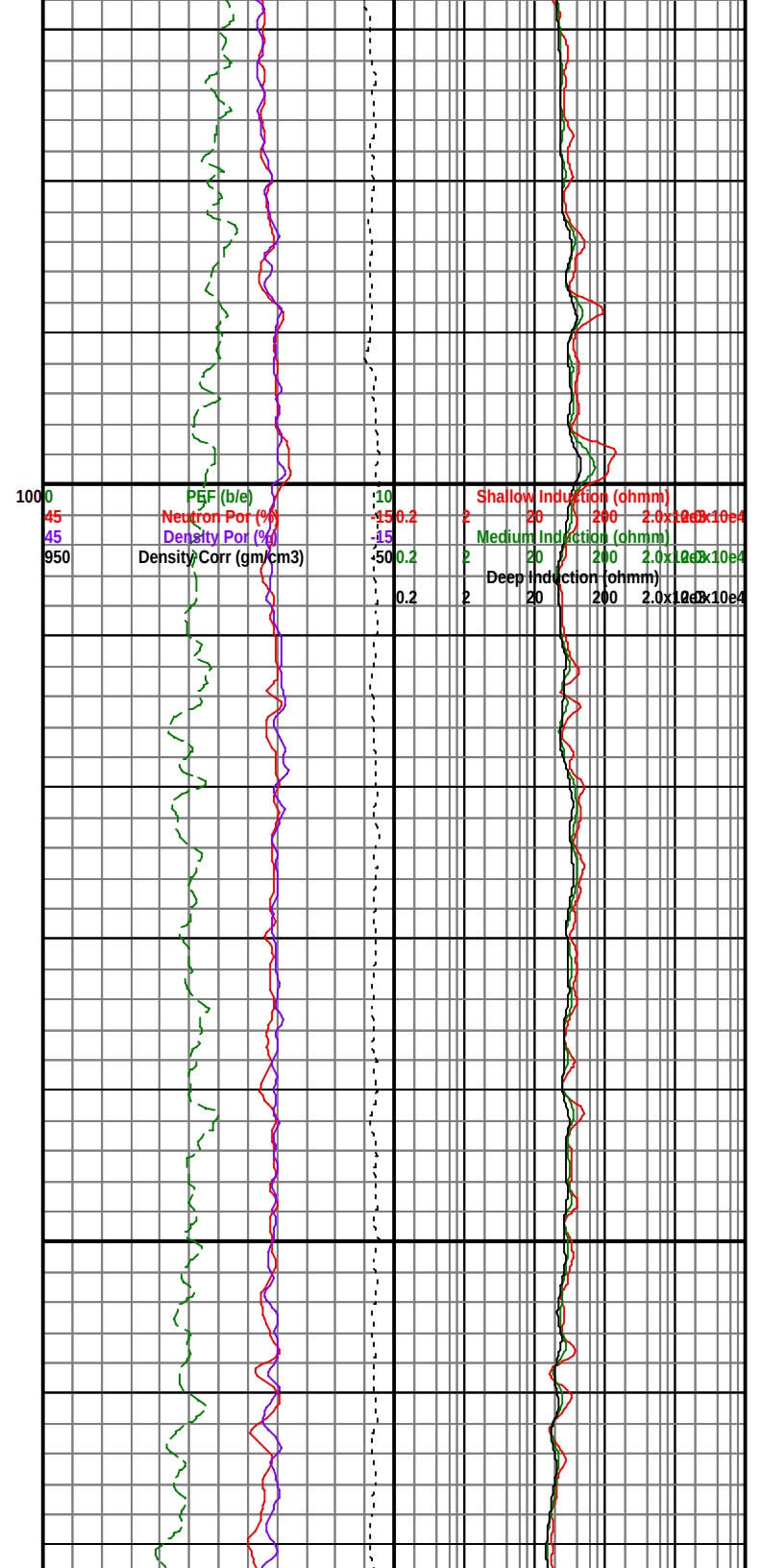


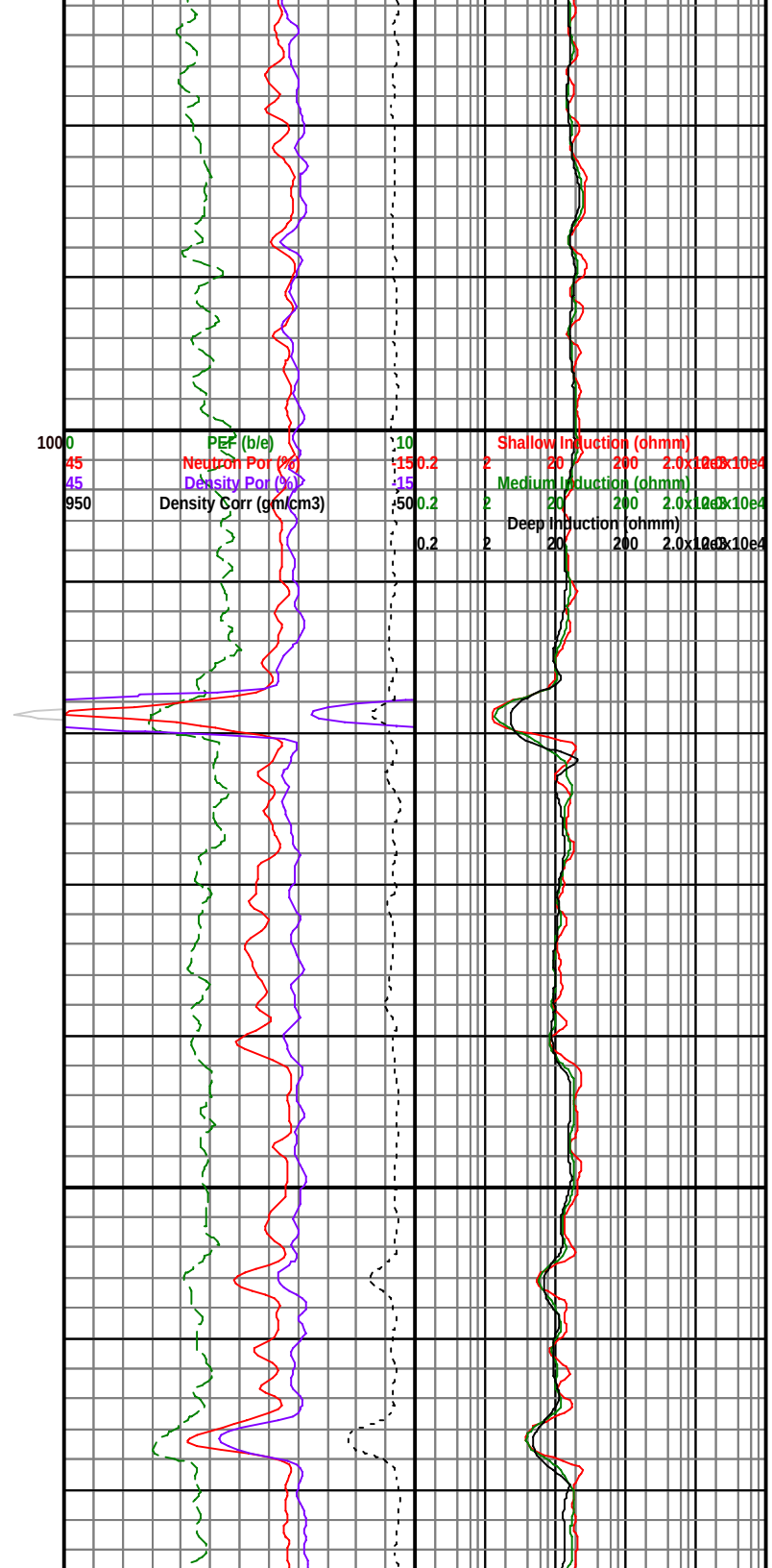
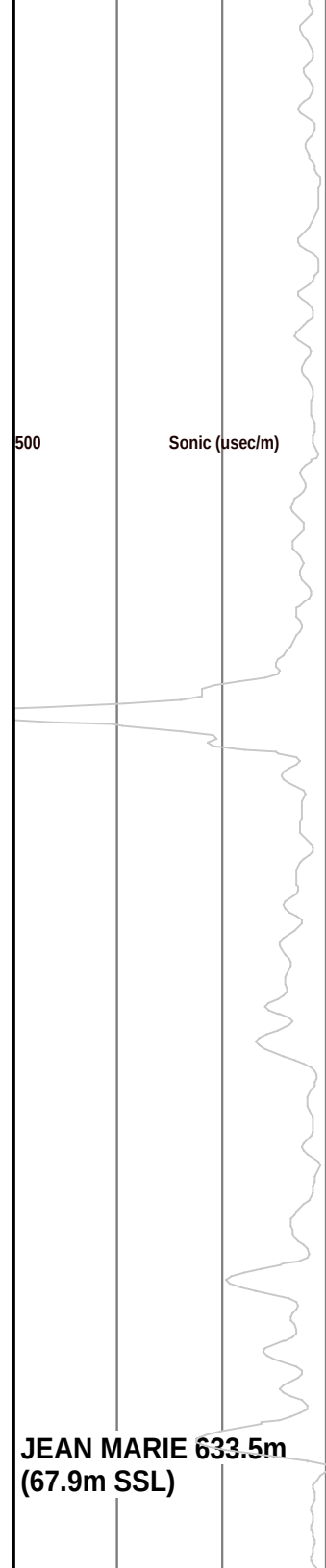
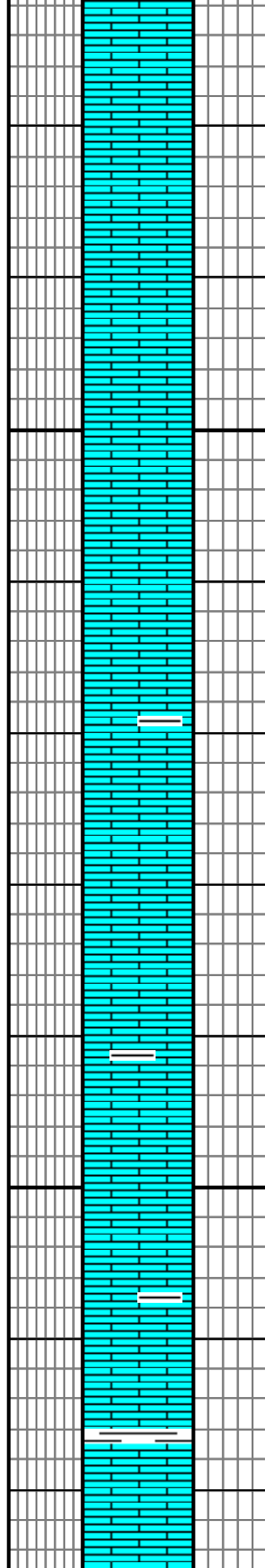
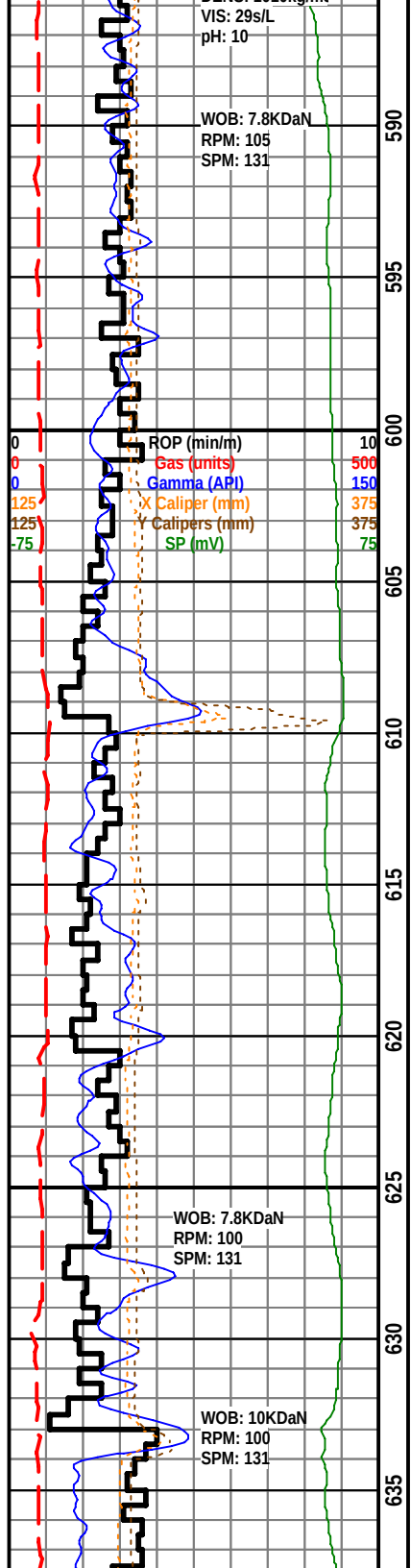


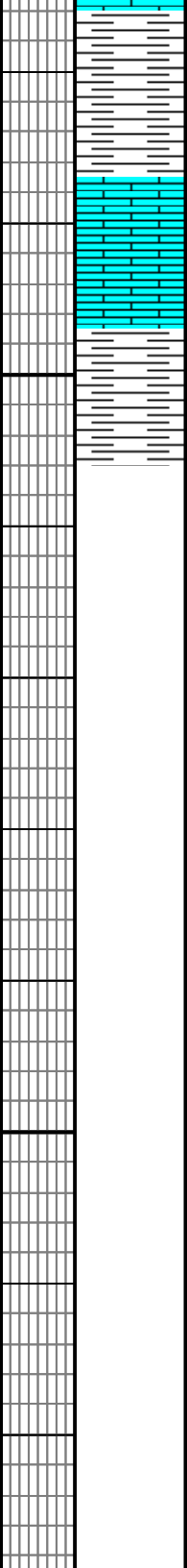
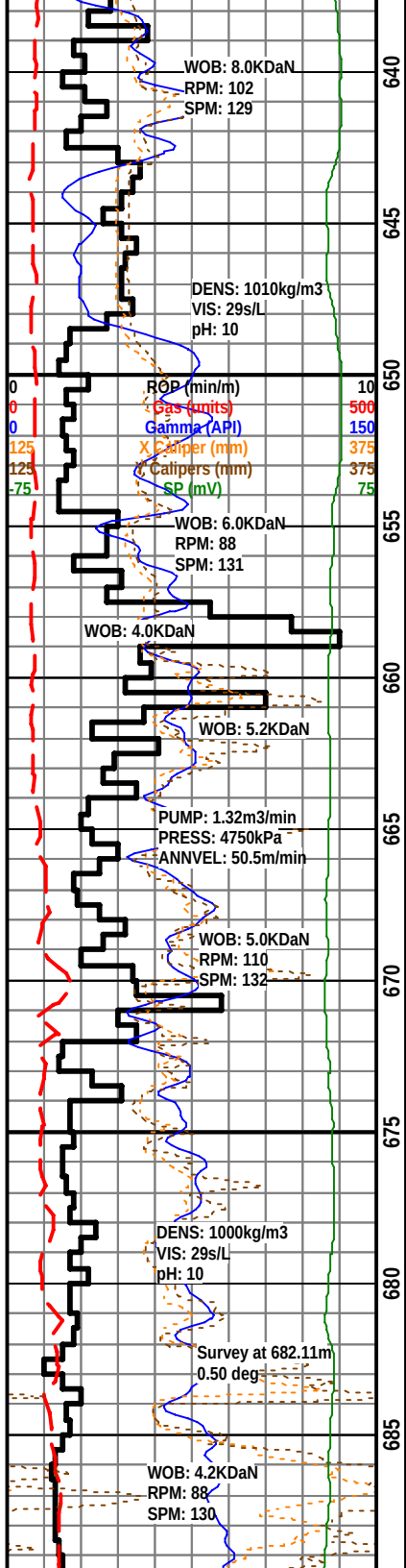


500

Sonic (usec/m)

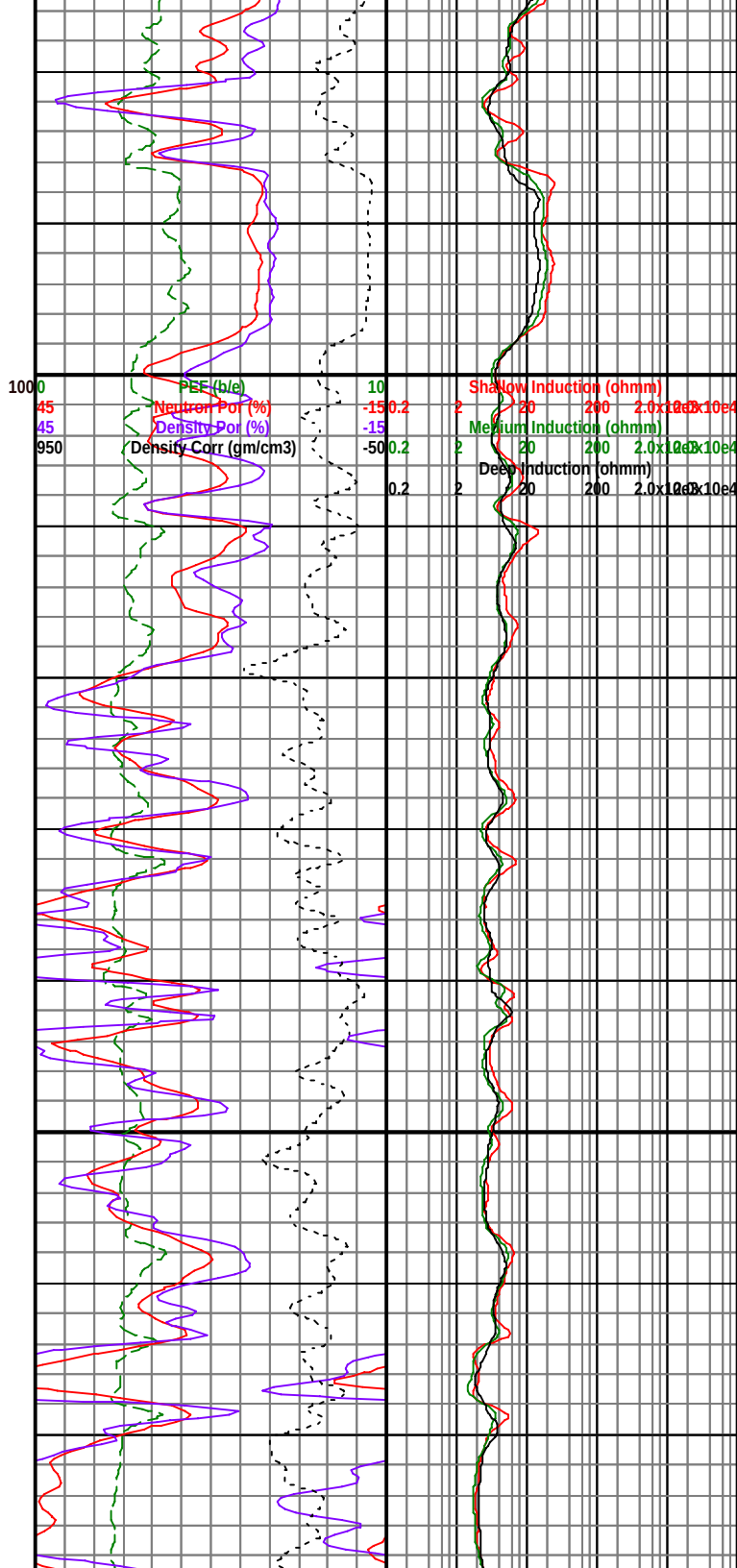
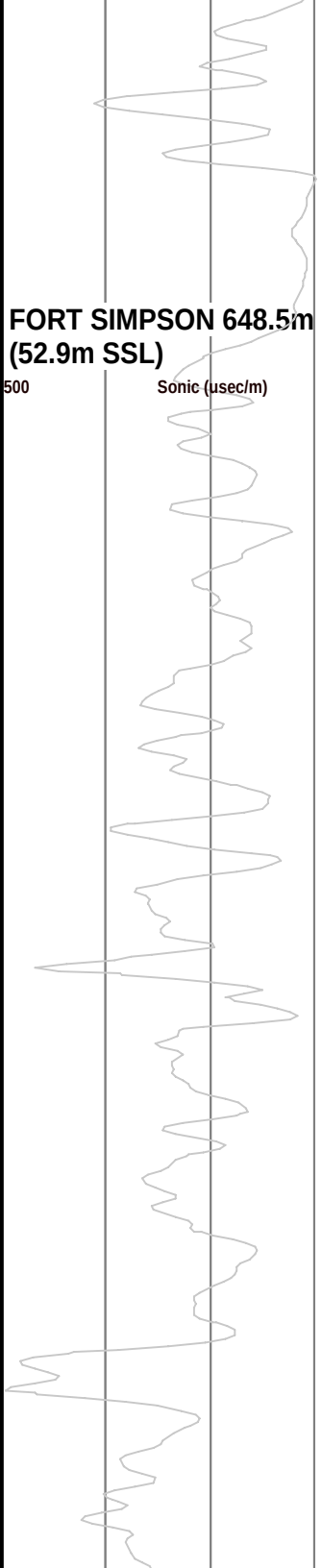


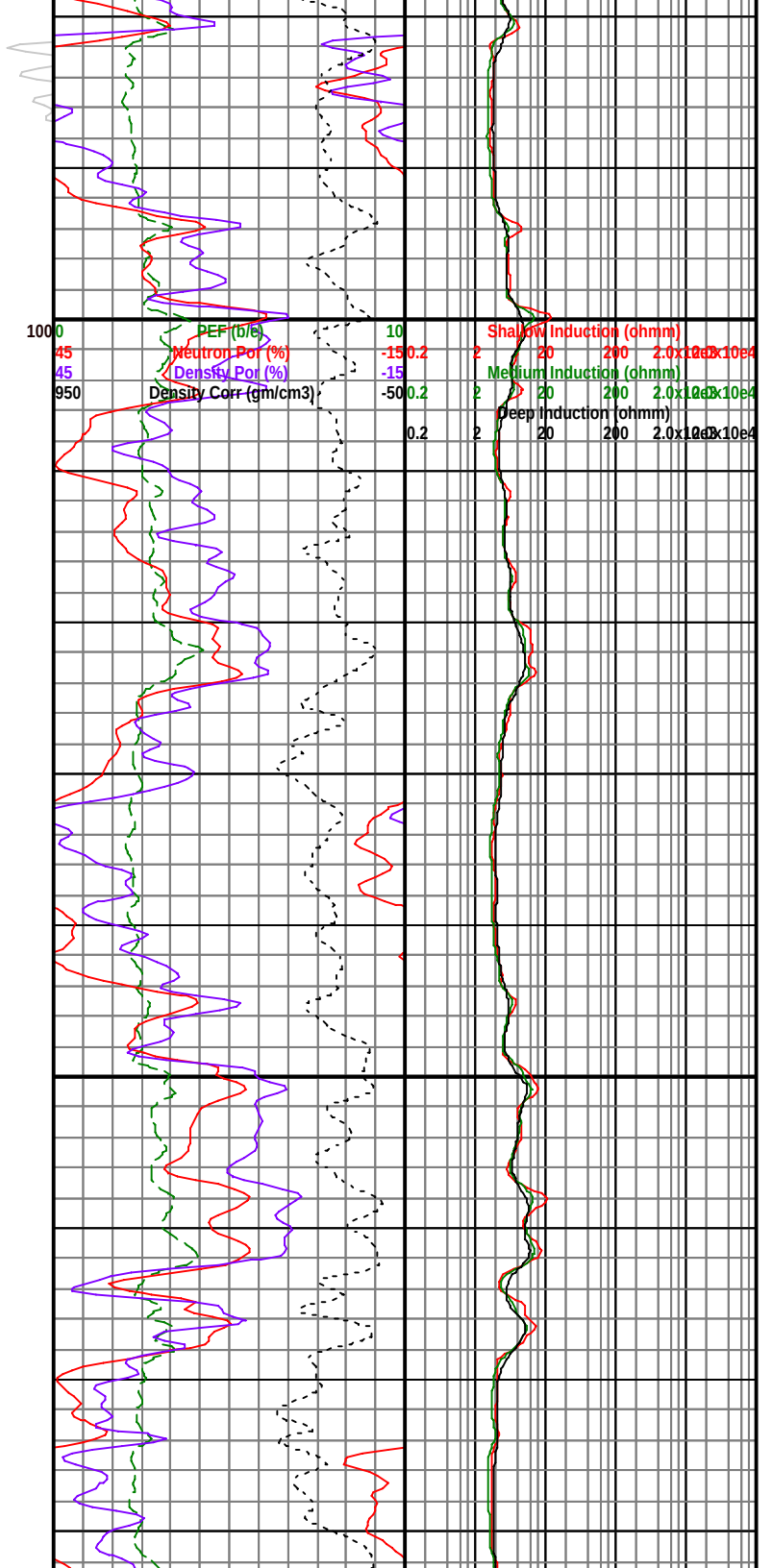
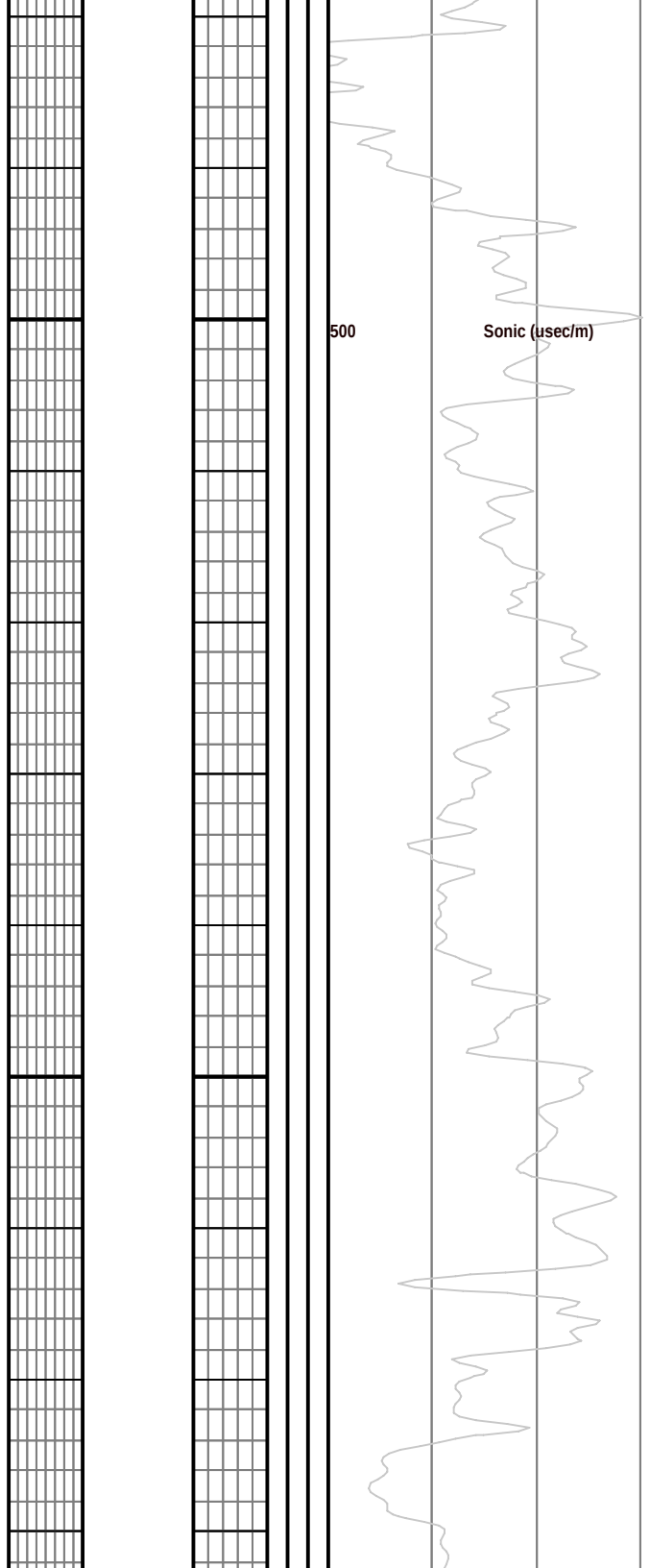
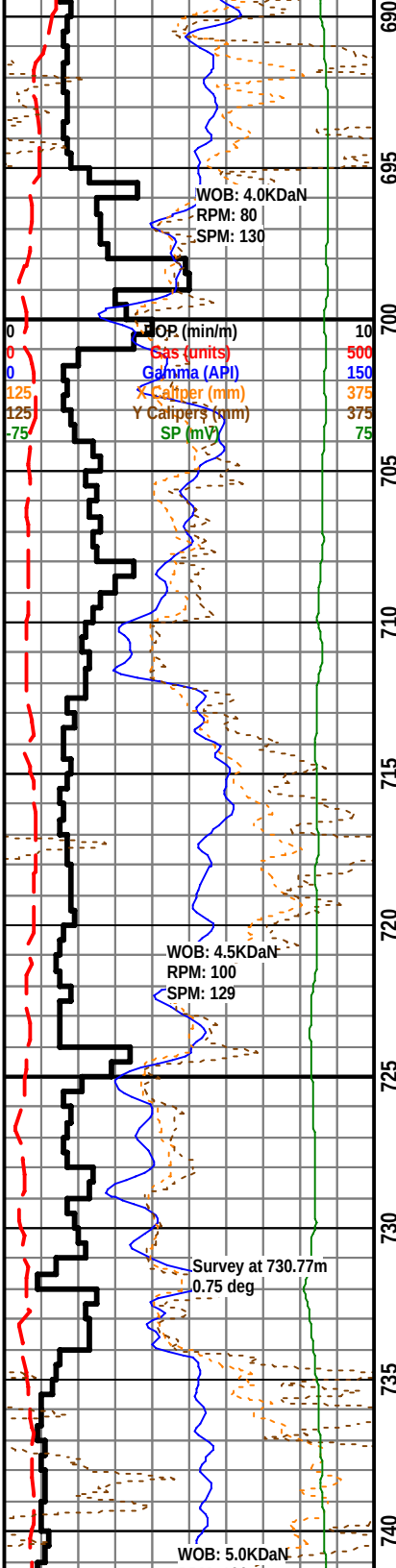


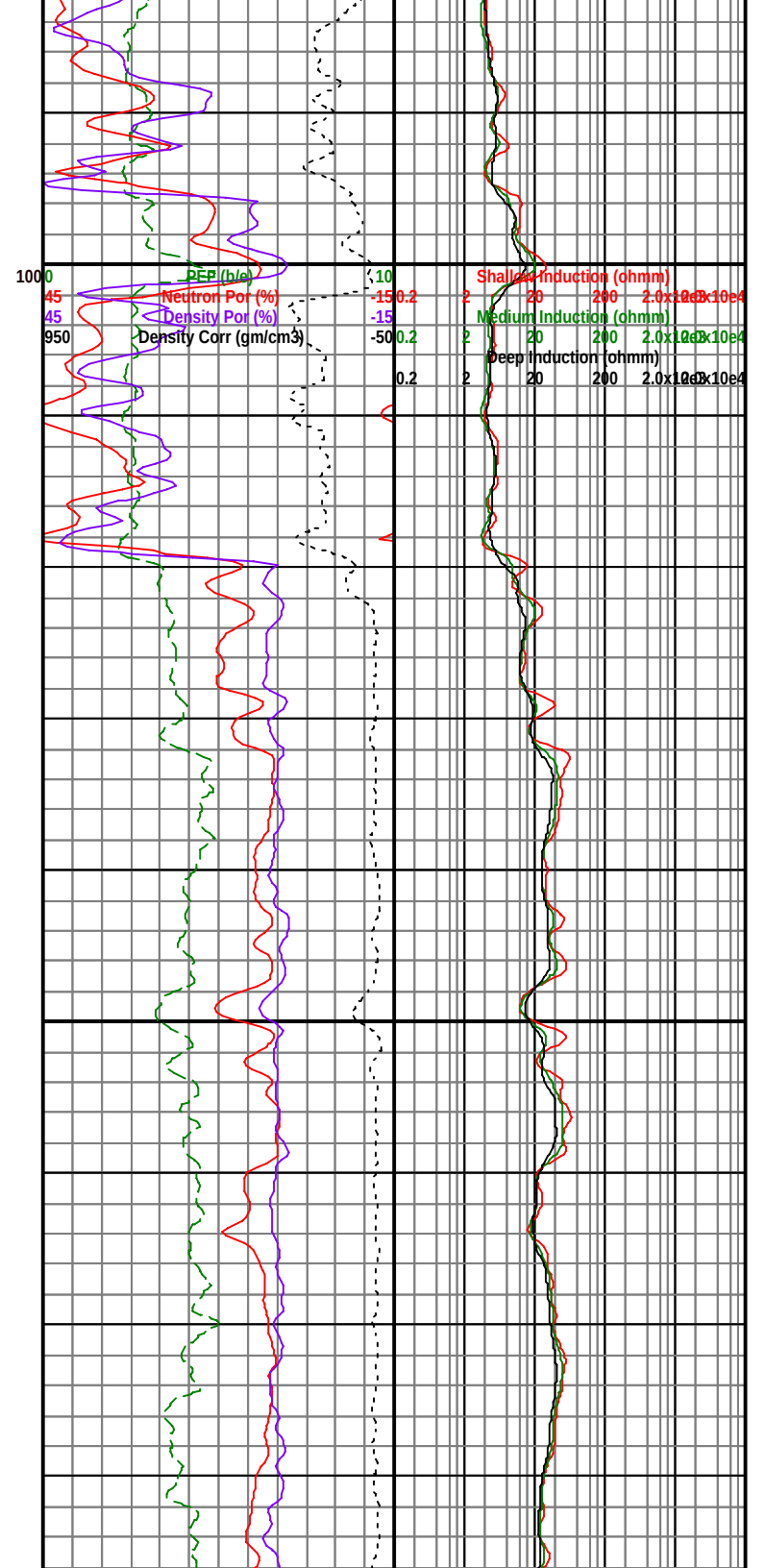
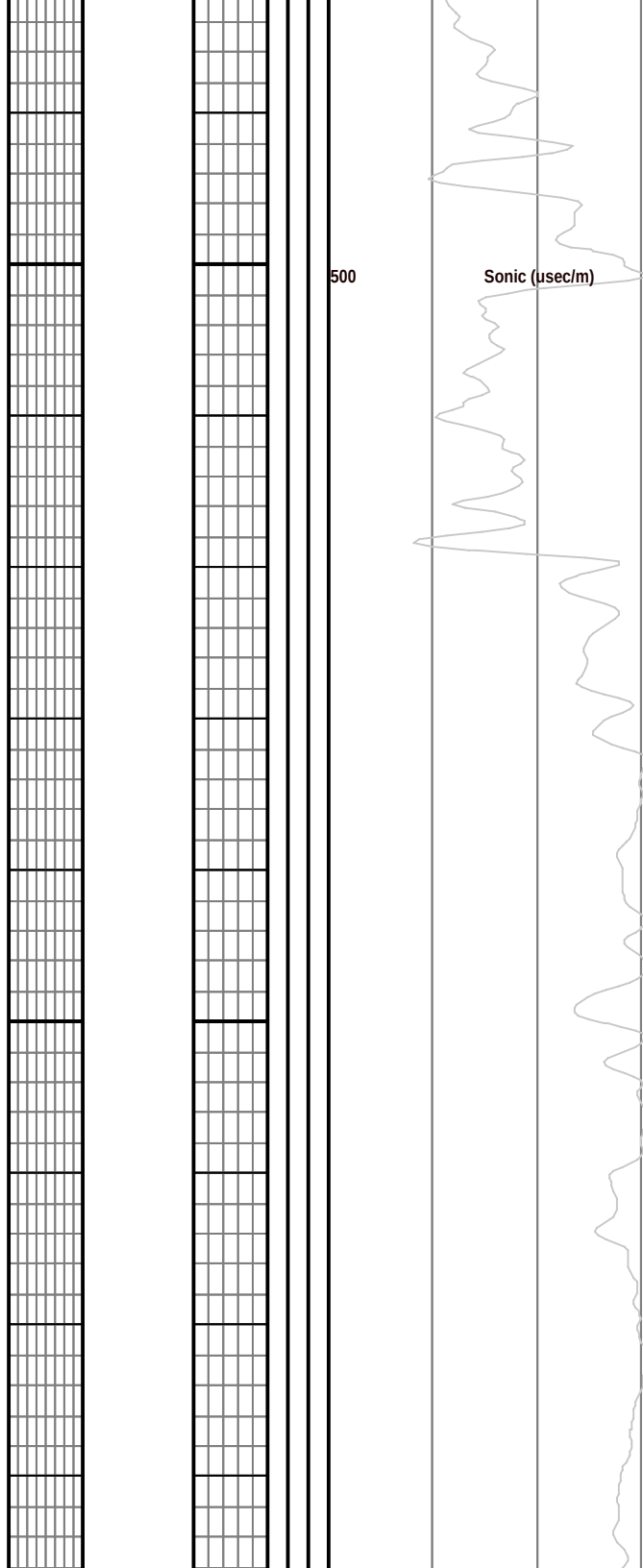
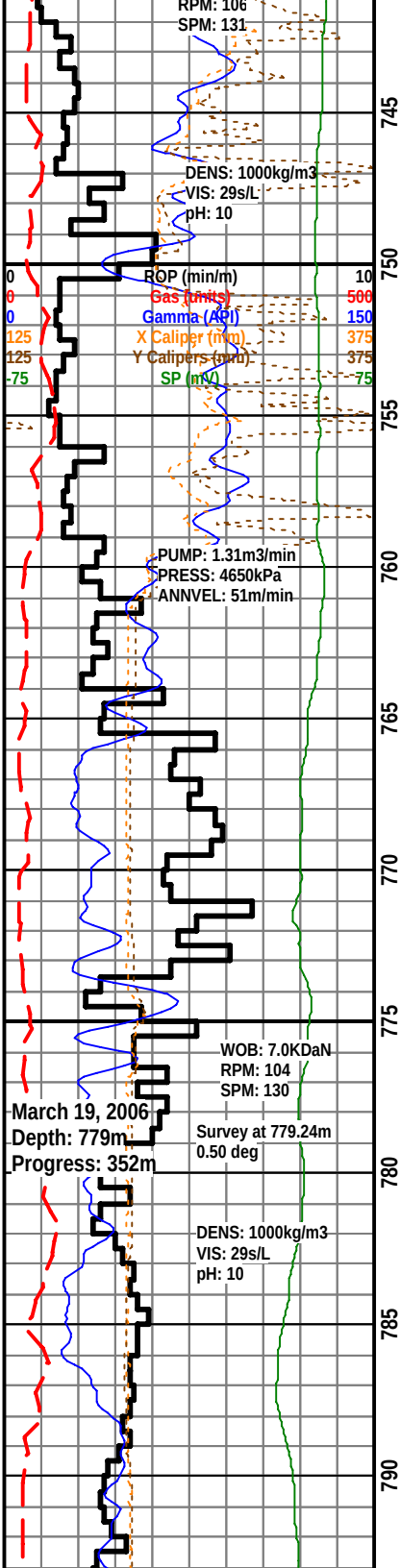


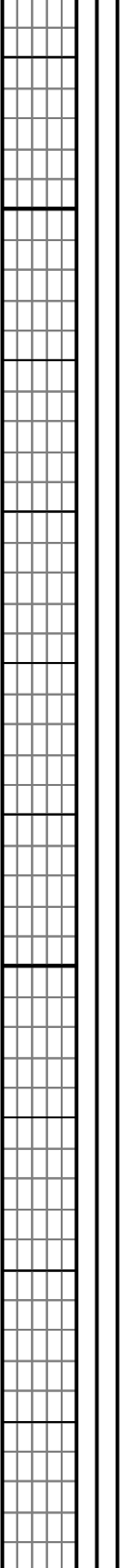
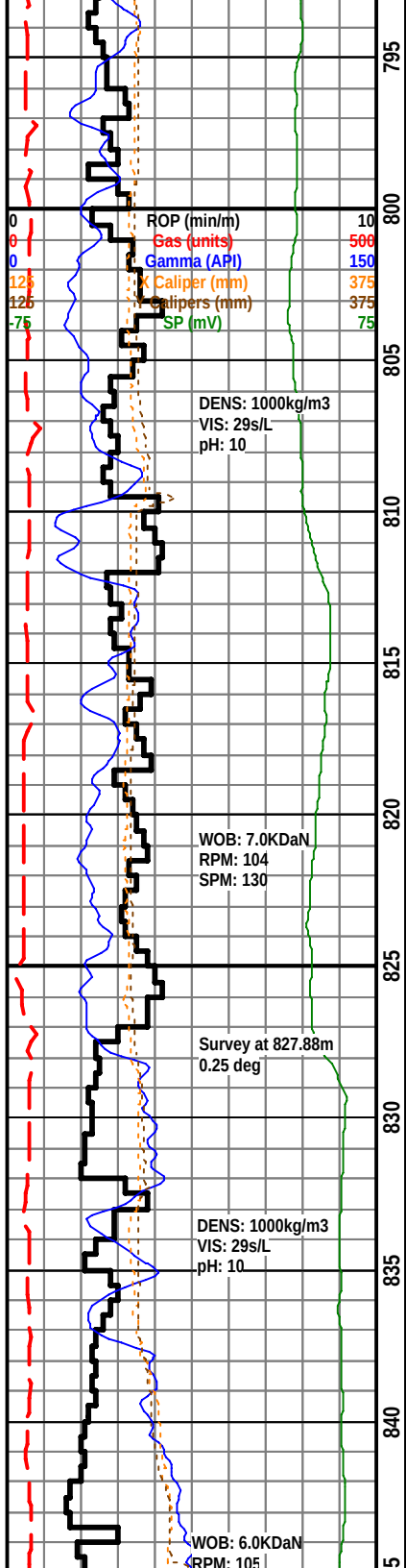
FORT SIMPSON 648.5m (52.9m SSL)

500 Sonic (usec/m)



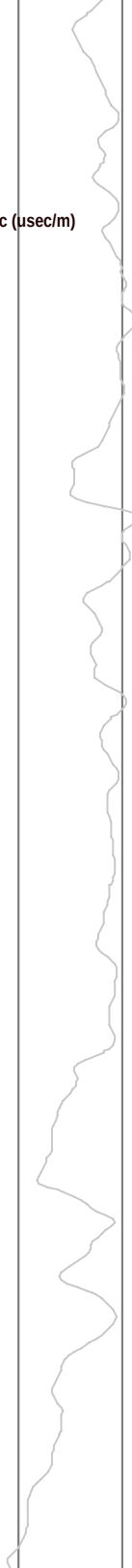




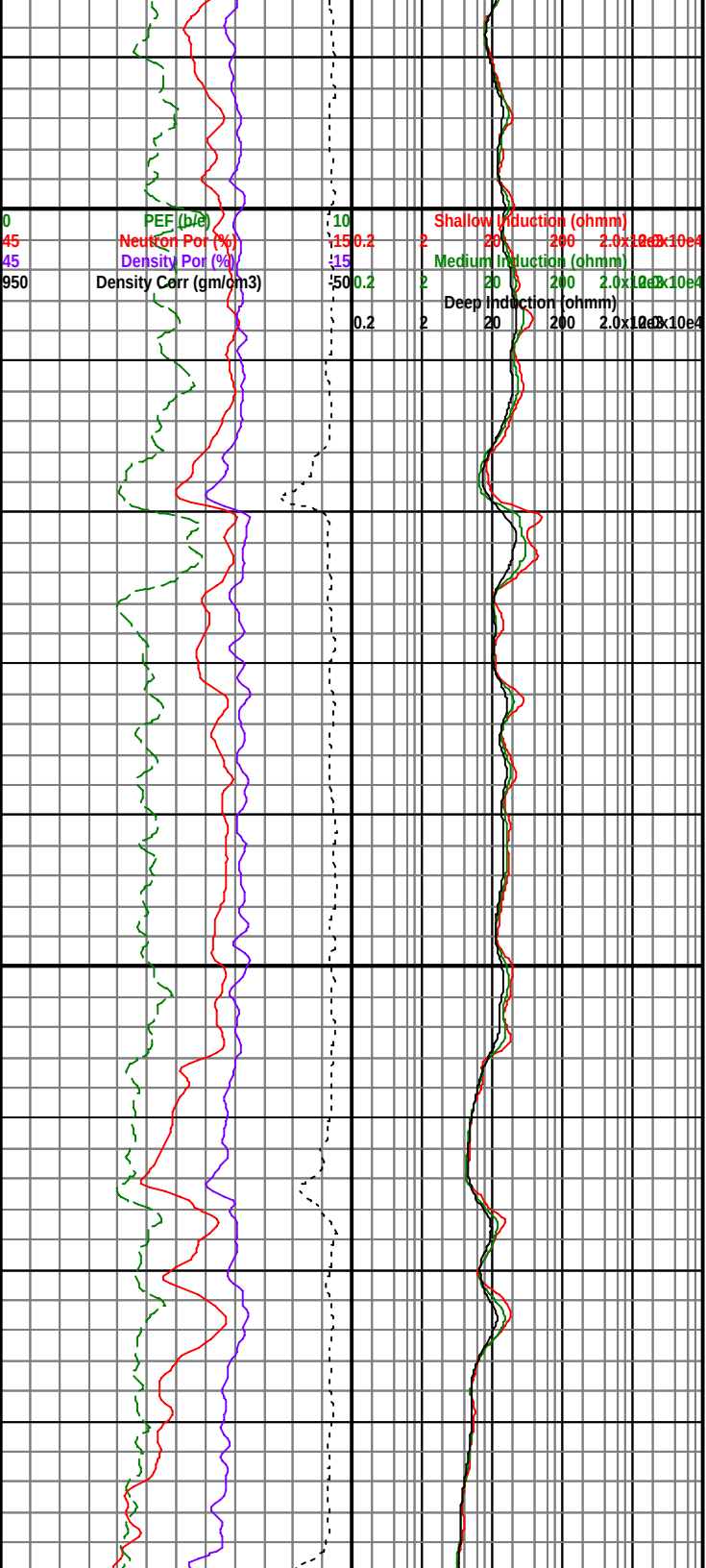


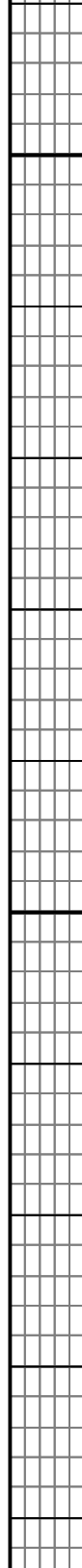
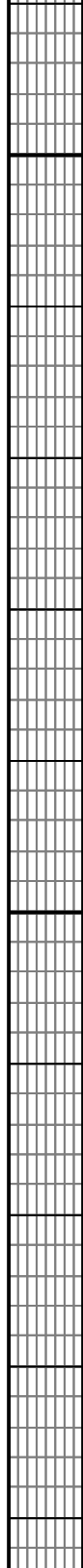
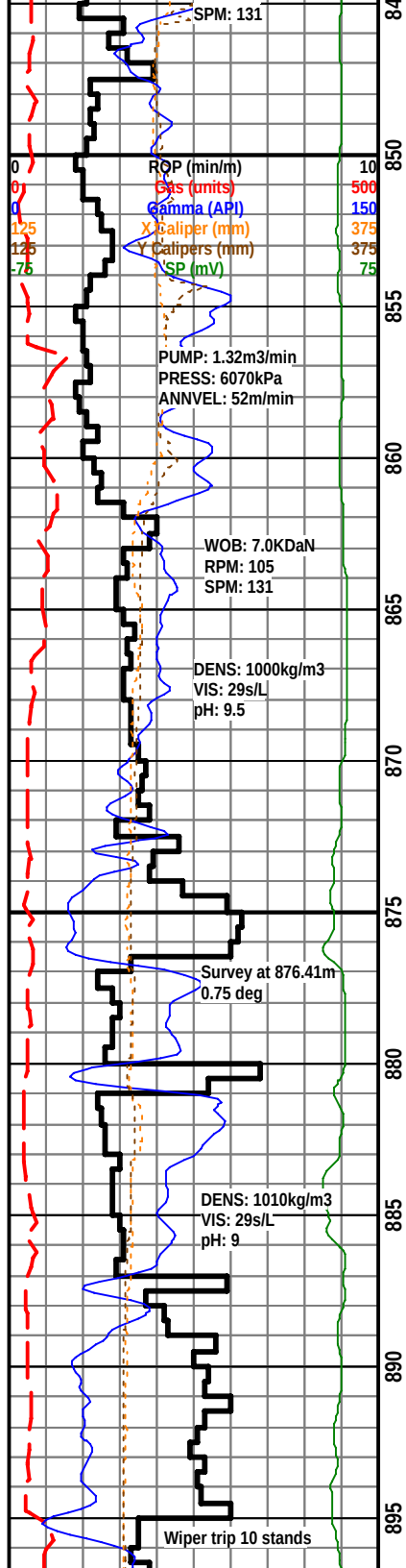
500

Sonic (usec/m)



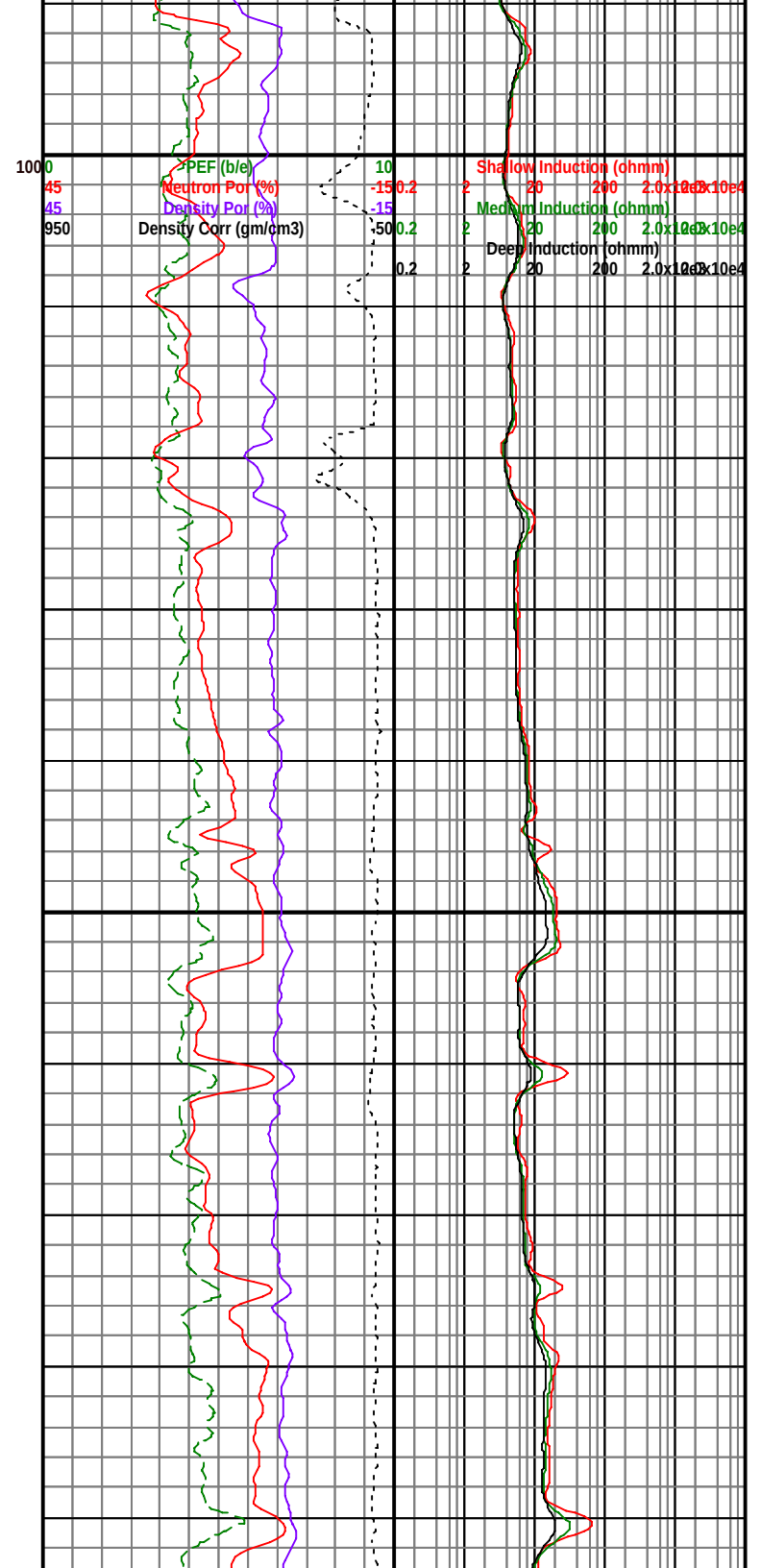
1000

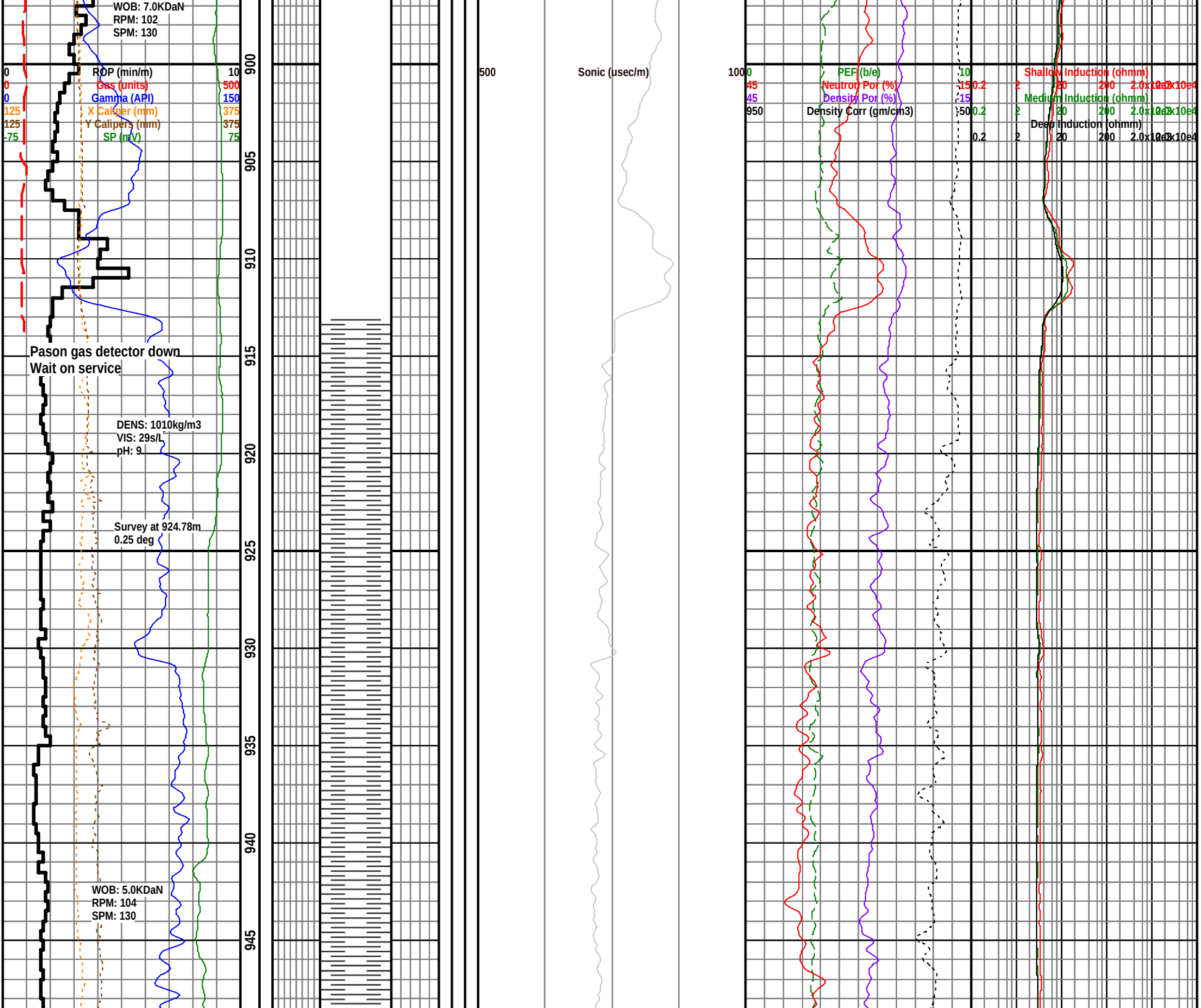


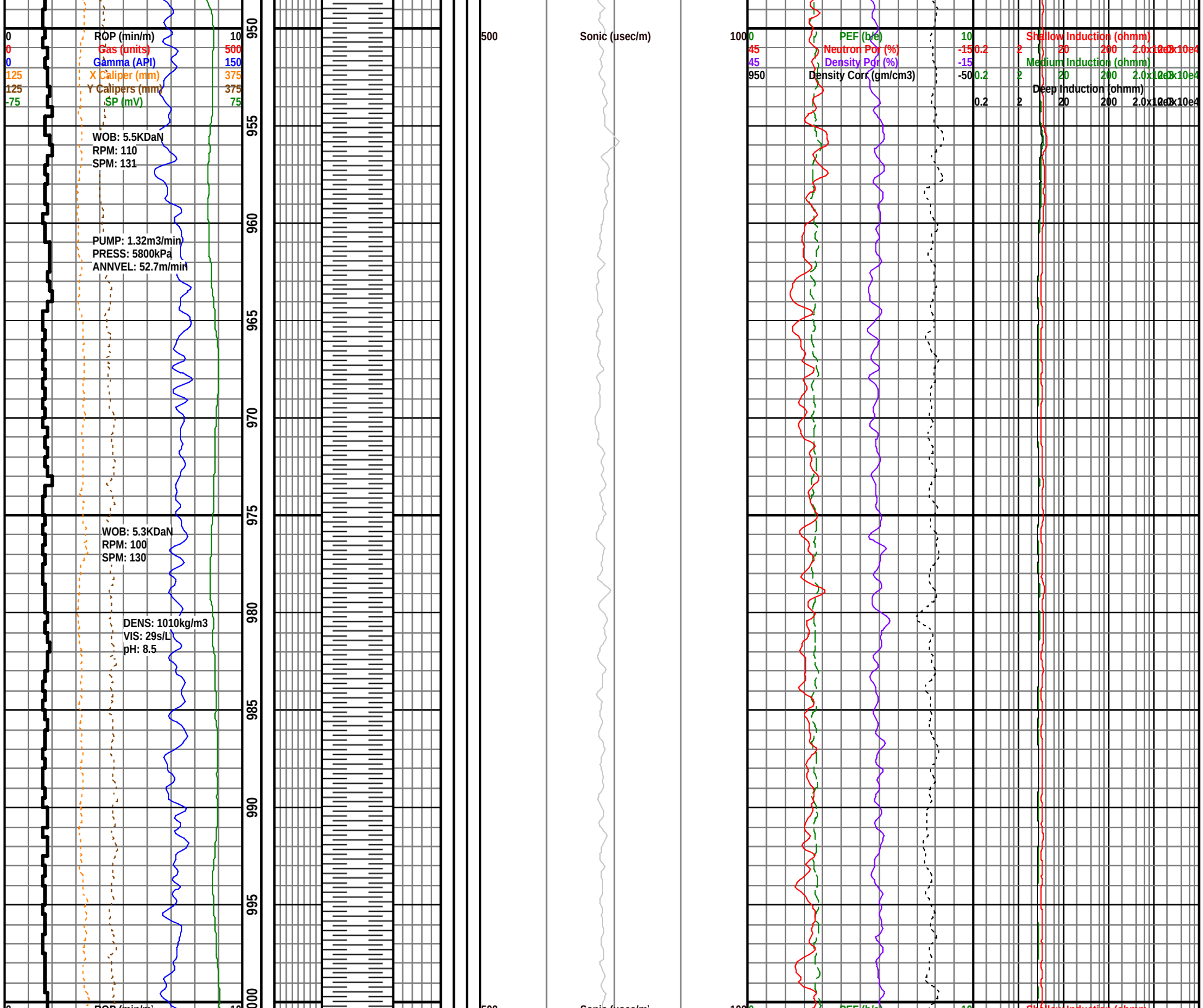


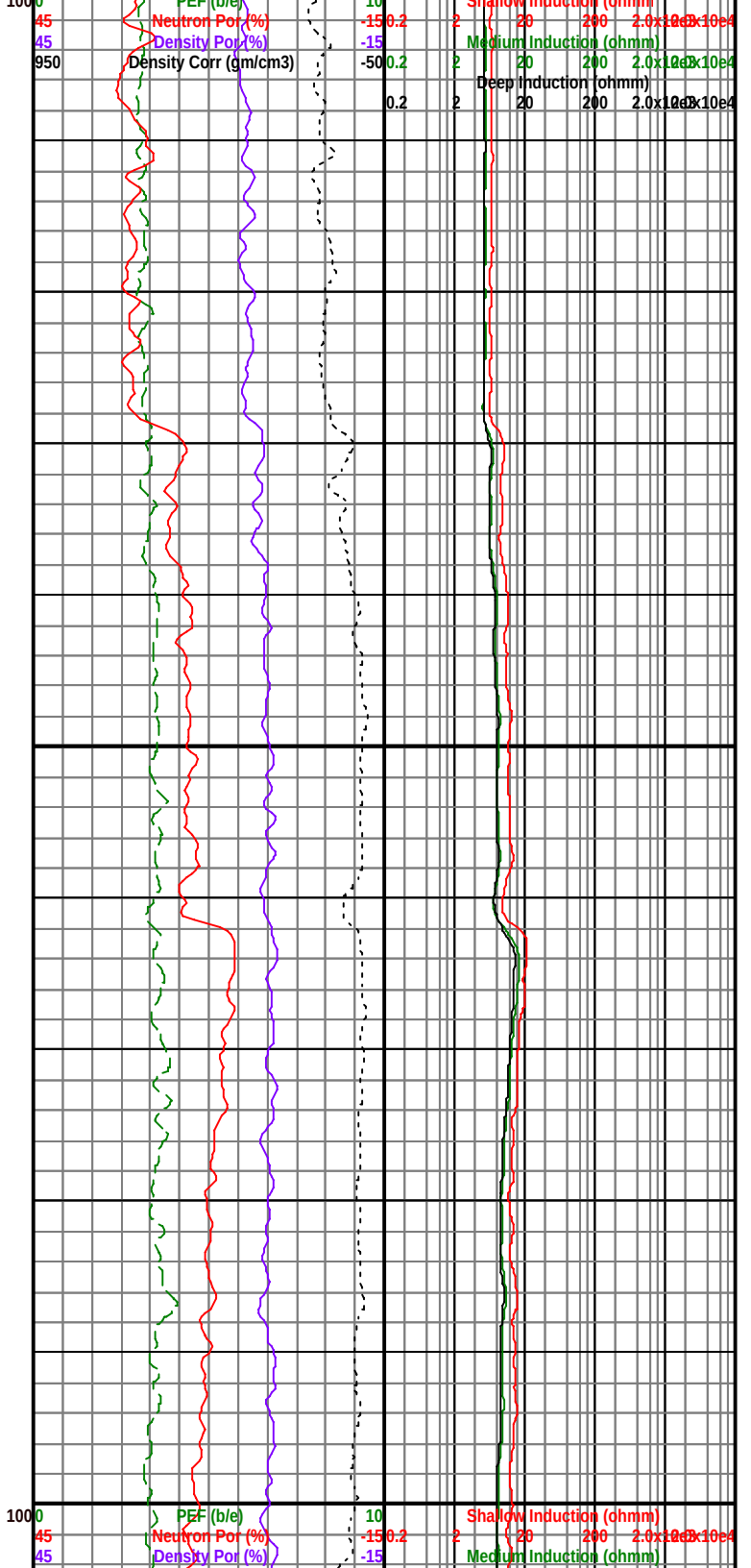
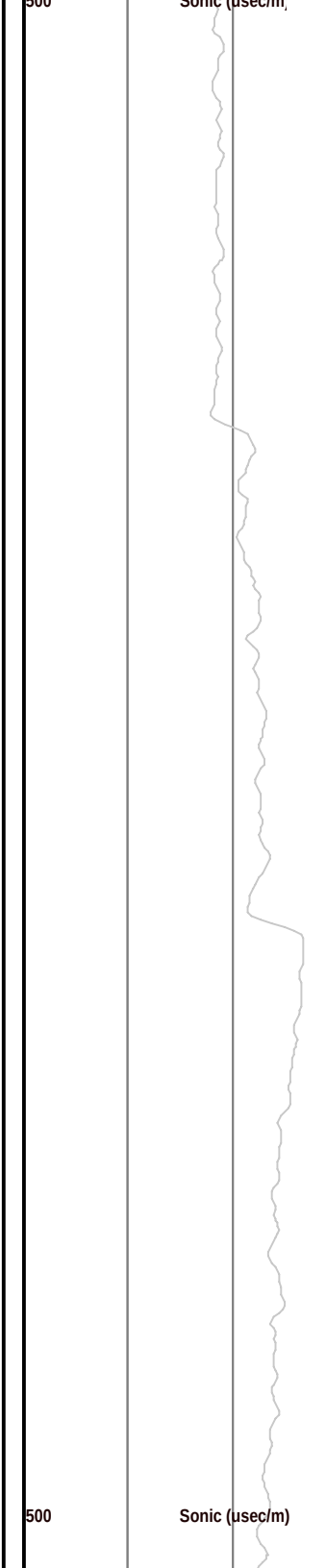
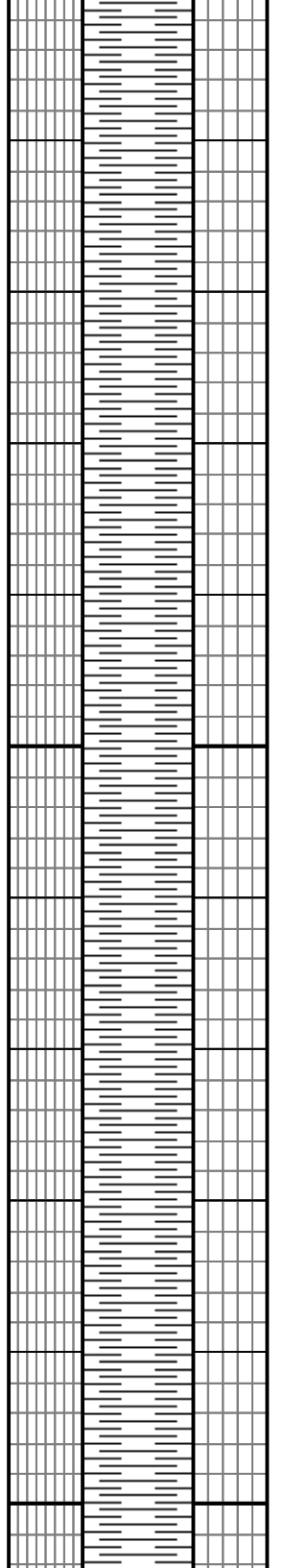
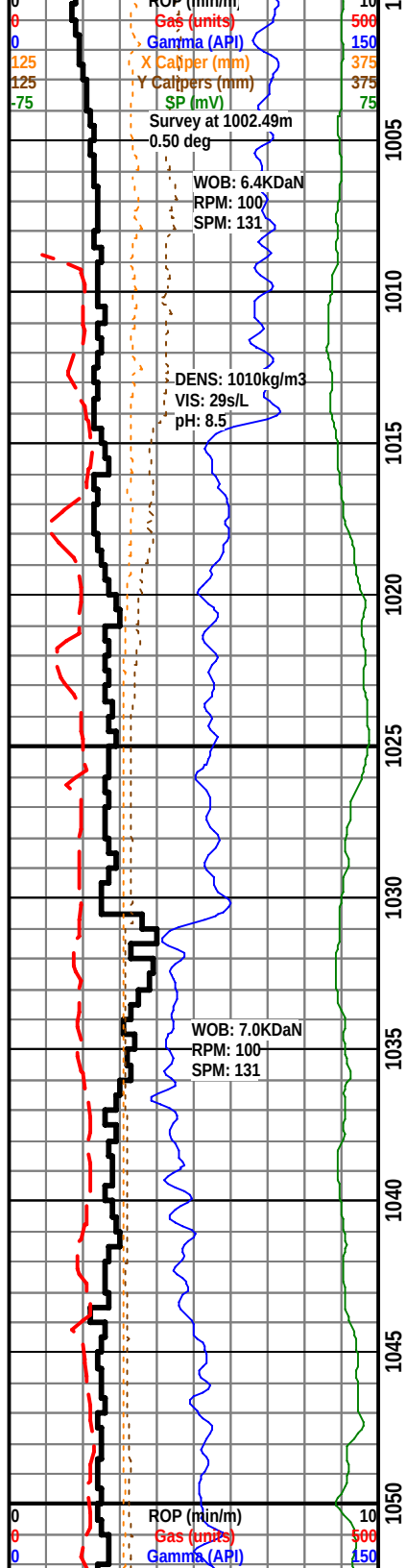
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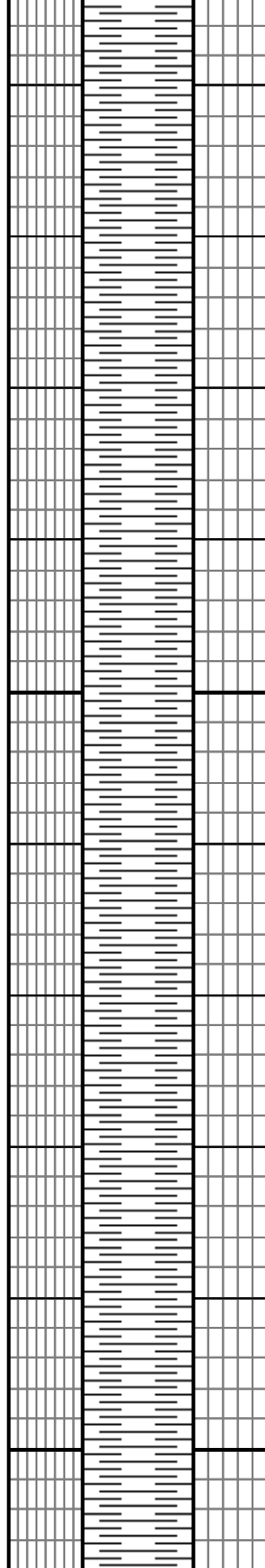
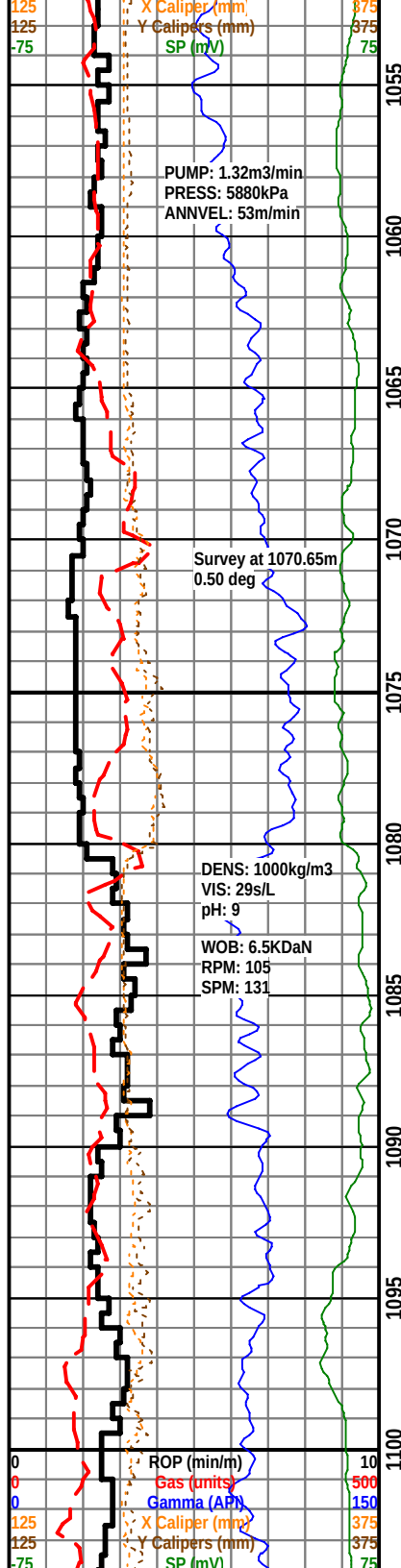
Sonic (usec/m)





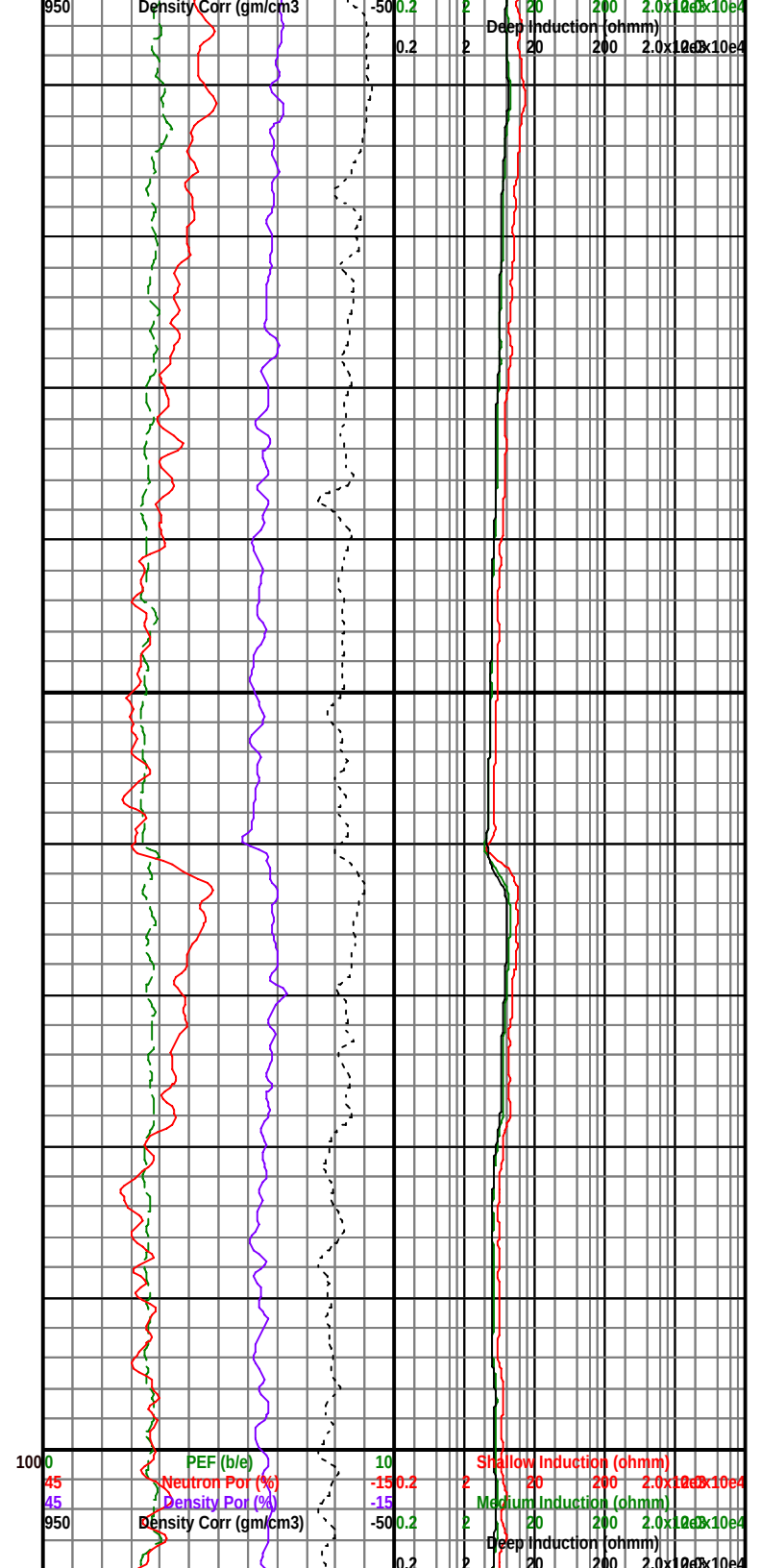


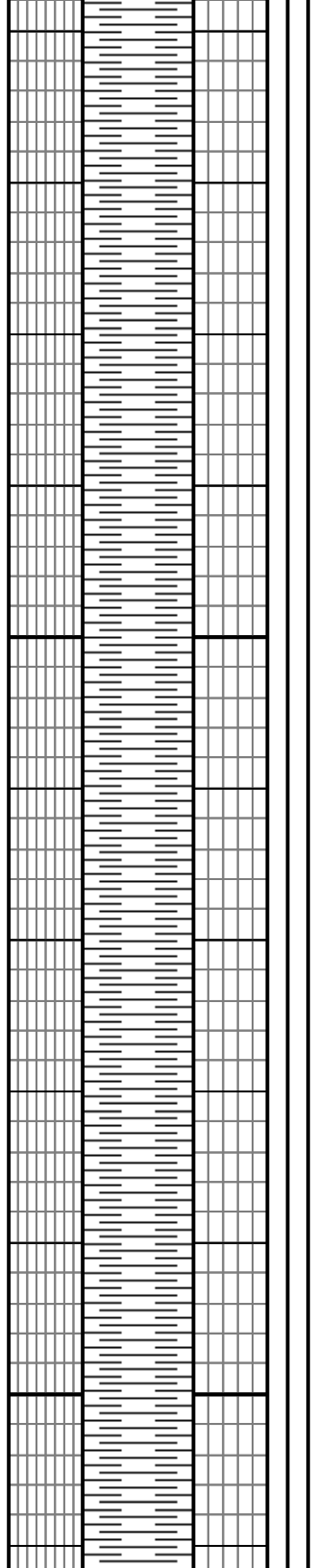
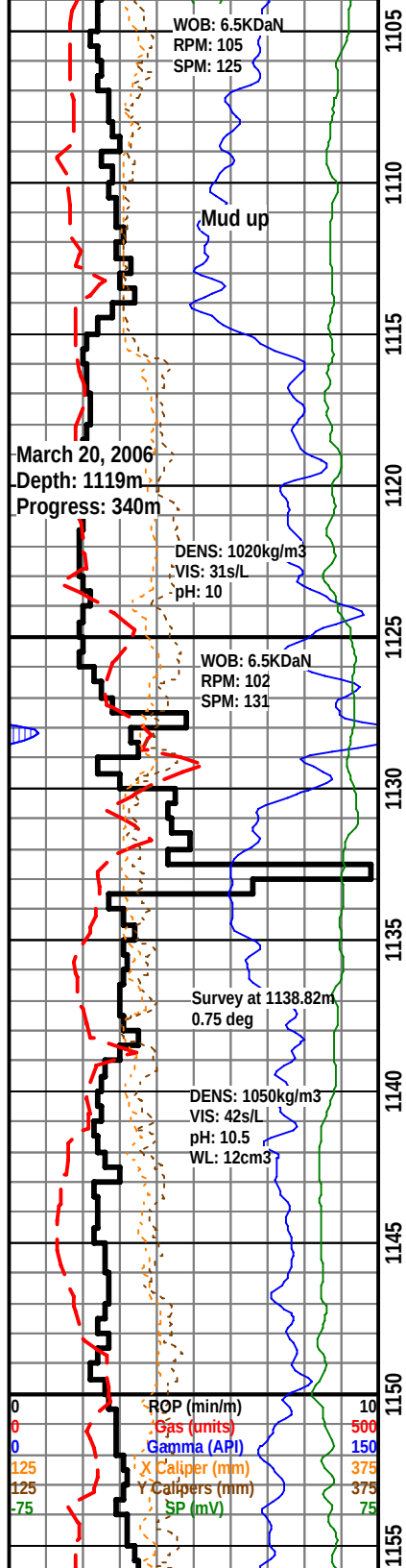




500

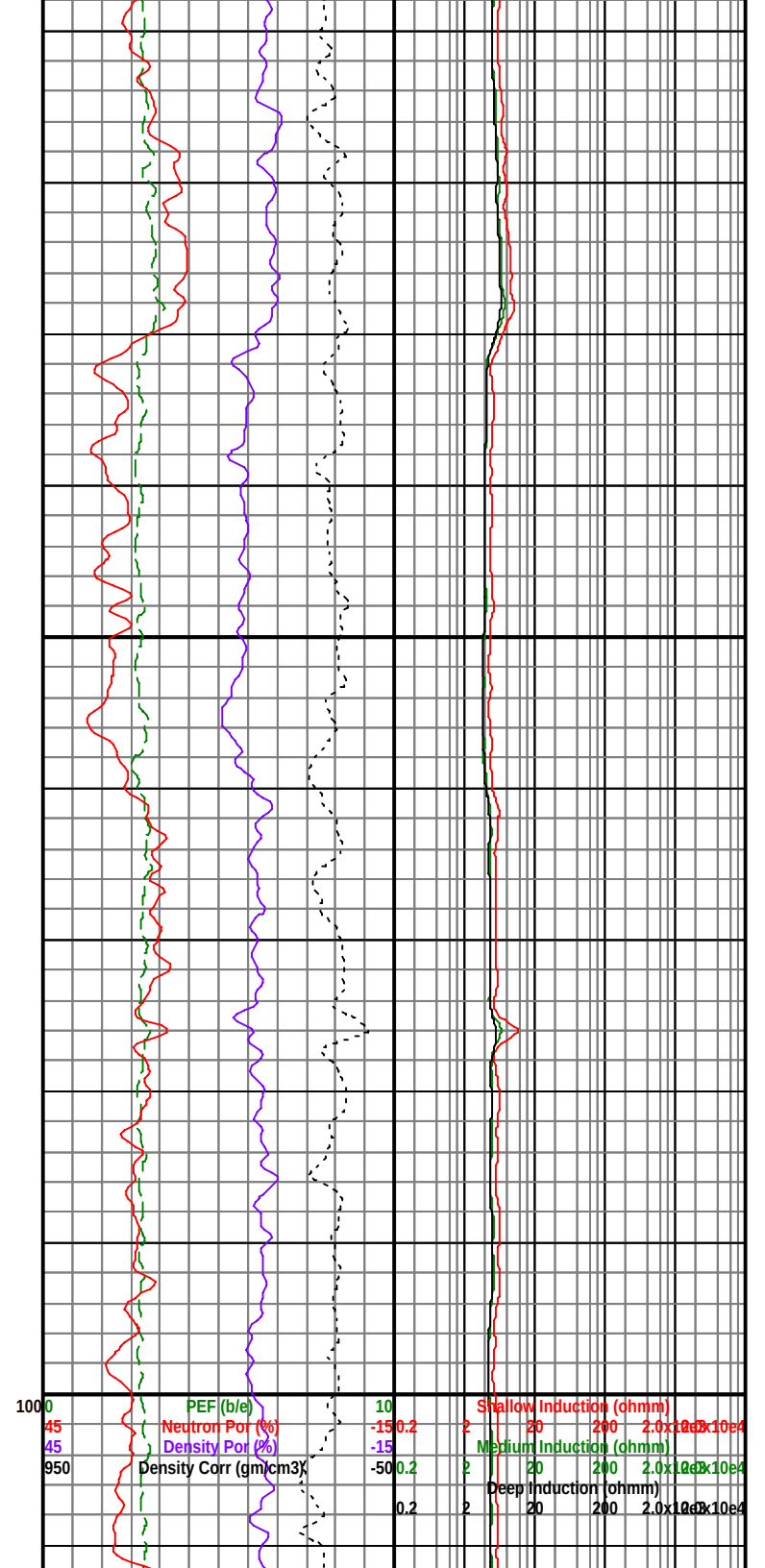
Sonic (usec/m)

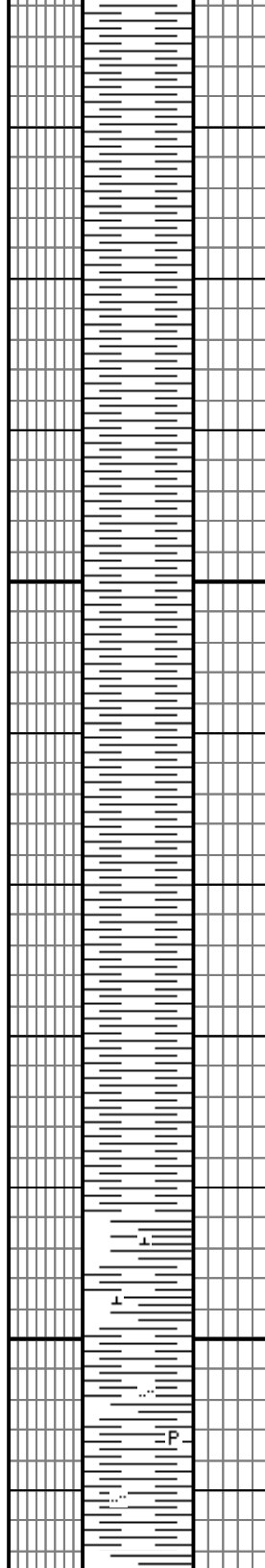
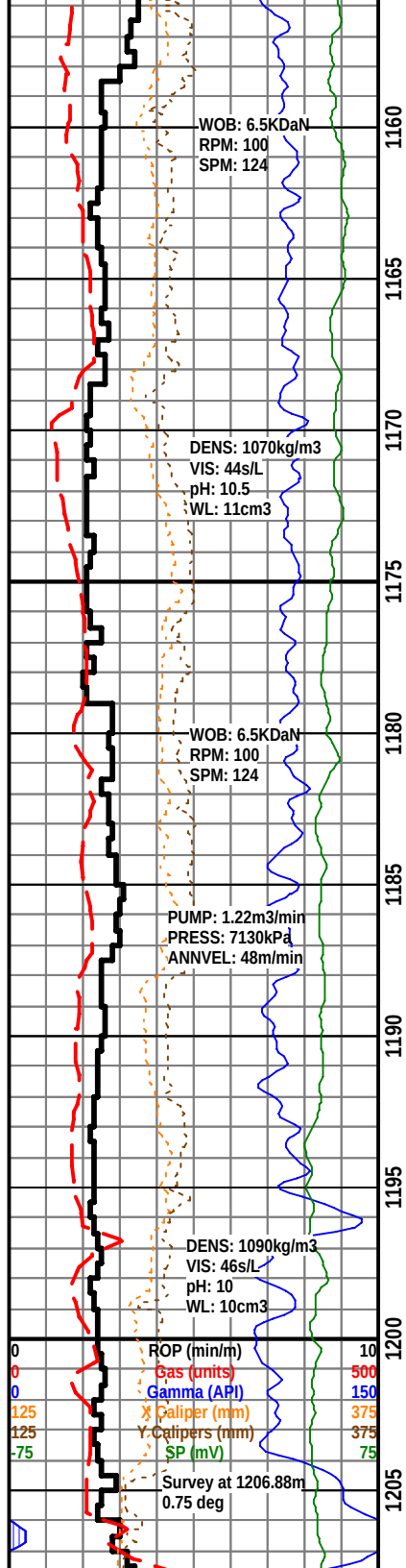




500

Sonic (usec/m)

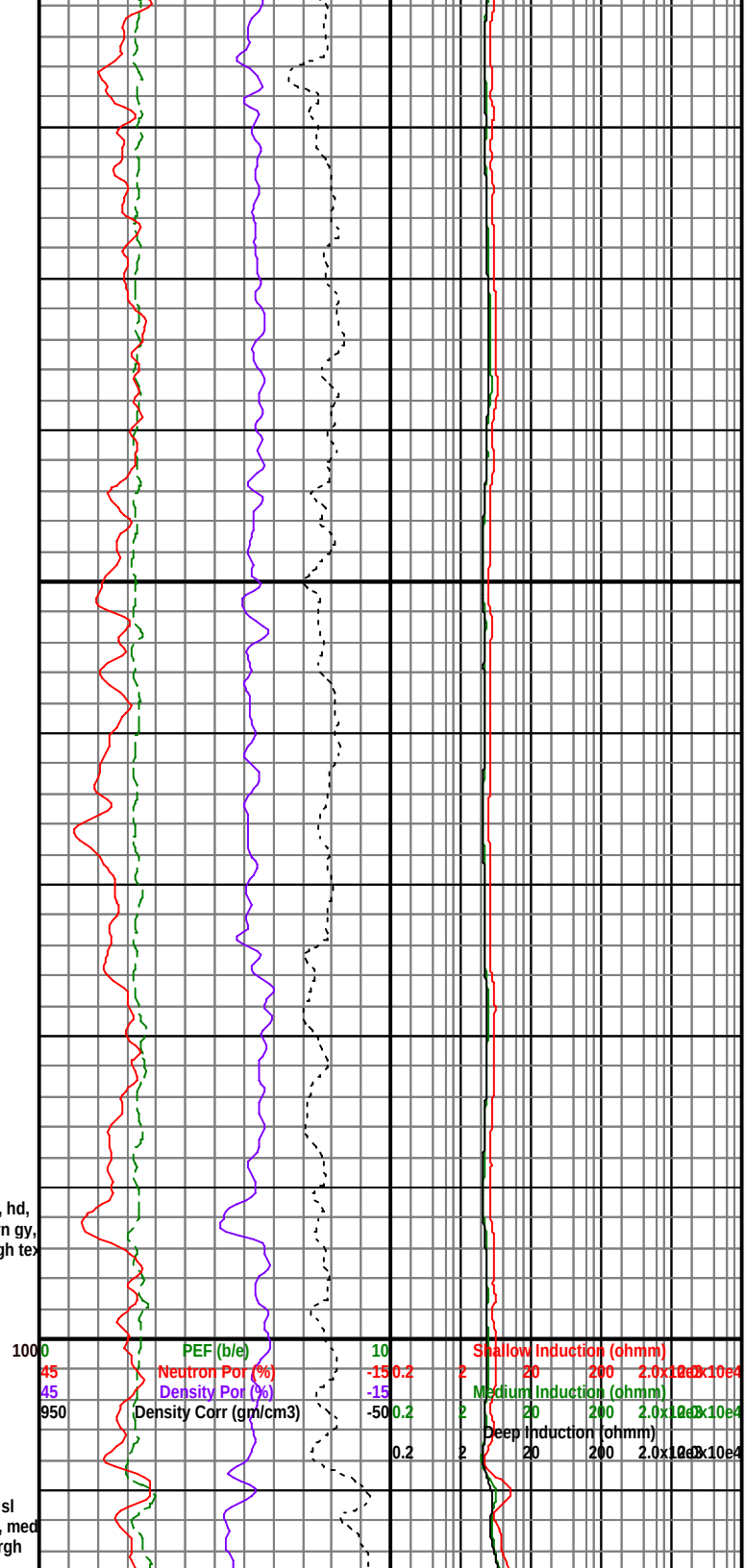


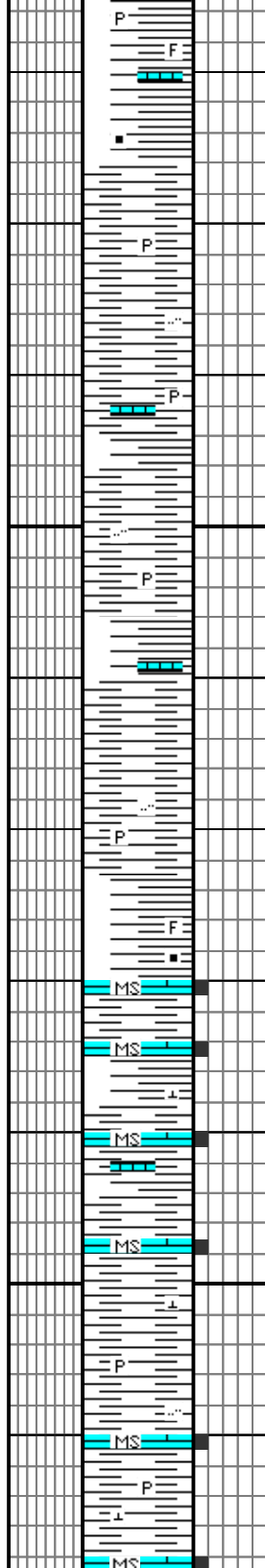
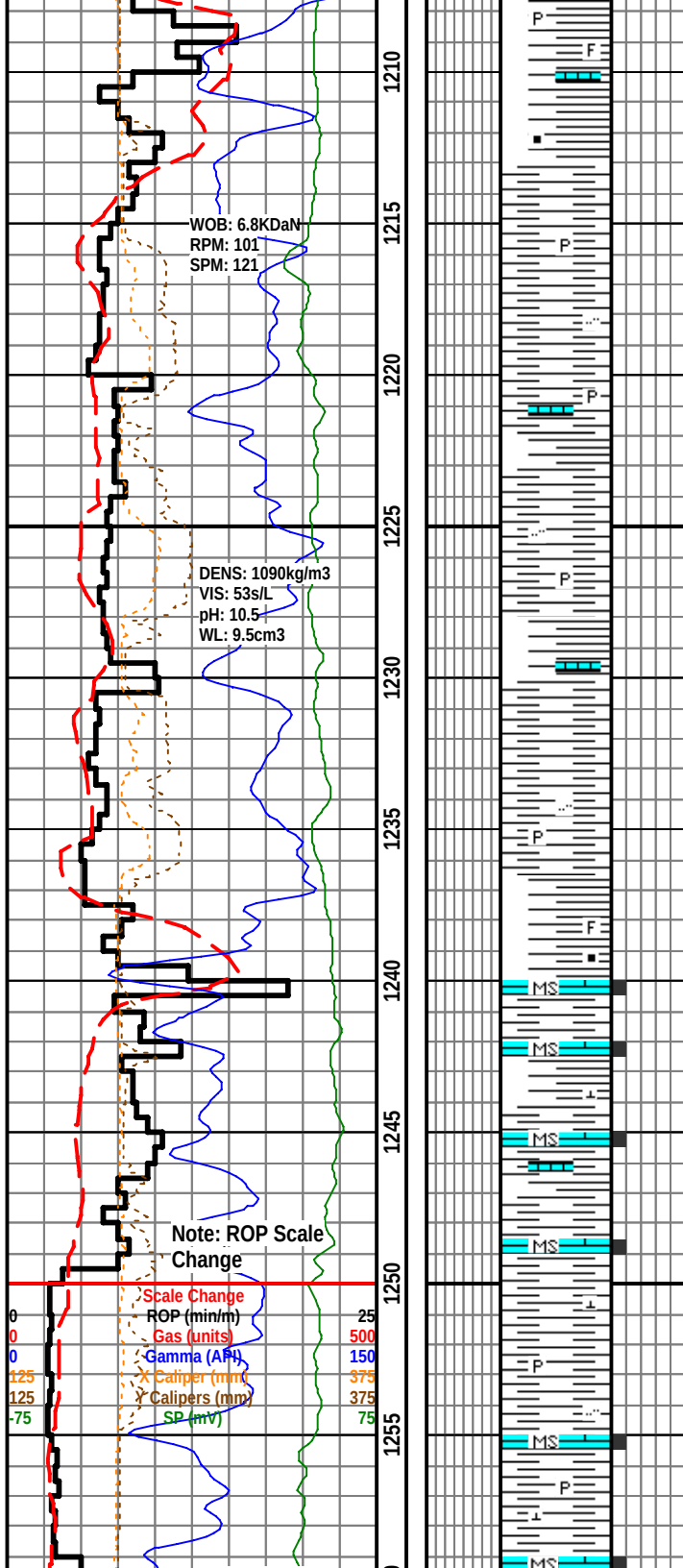


[1195 to 1205] SH 80%, lt to med gy, sub fis to plty, hd, mmica, v calc, tr pyr, sub wxy tex, SH 20%, med brn gy, blk, mod hd, mmica ip, sity, tr desm pyr, v calc, rgh tex

500 Sonic (usec/m)

[1205 to 1220] SH 60%, med gy, sub fis to plty, hd, sl mmica, sity ip, sl calc, tr pyr, sub wxy tex, SH 40%, med brn gy, blk, mod hd, mmica ip, tr desm pyr, calc, rgh tex





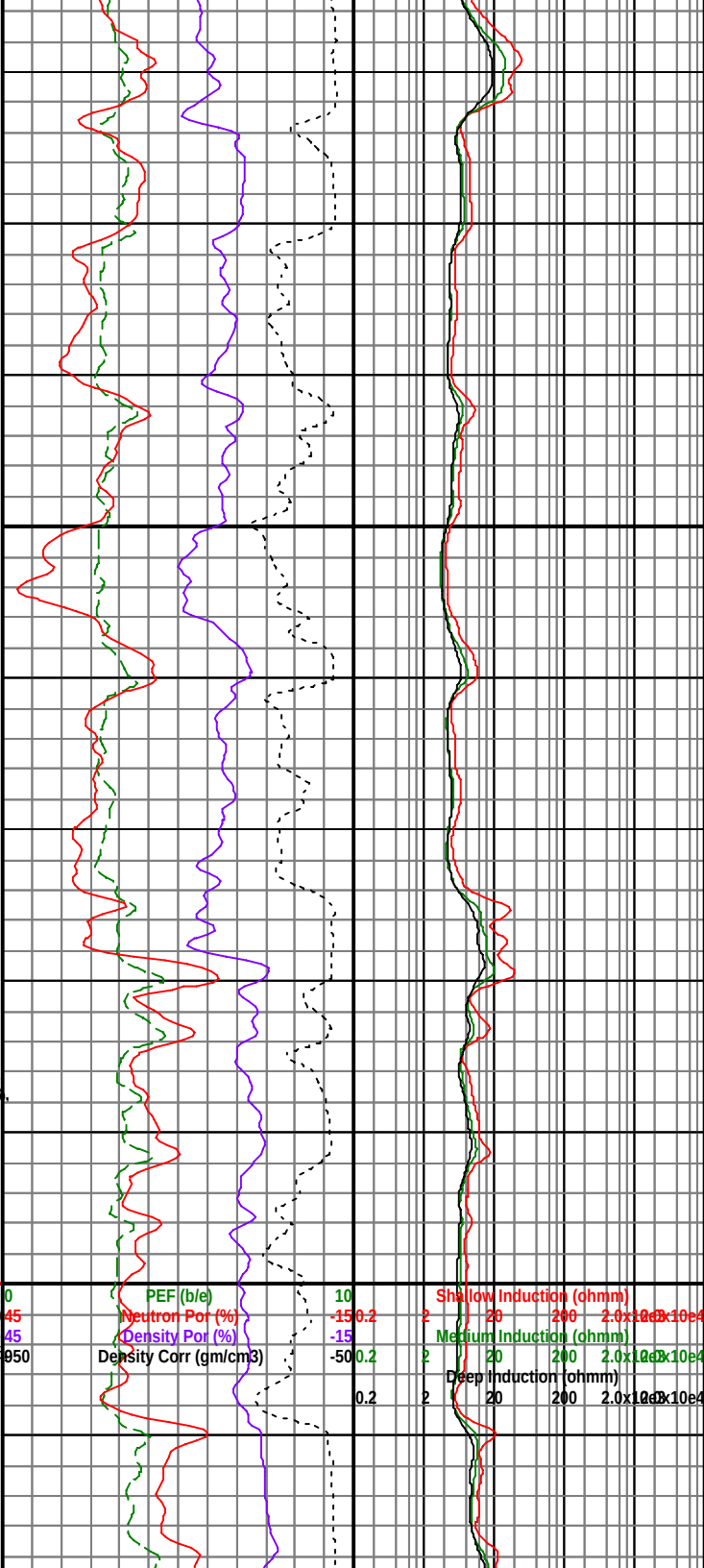
[1220 to 1230] SH 80%, med gy, sub fis to plty, mod hd to hd, sl mmica, slty ip, tr desm pyr, sl calc, f tex, SH 20%, med brn gy, blkly, sft to mod hd, mmica ip, calc, r tex

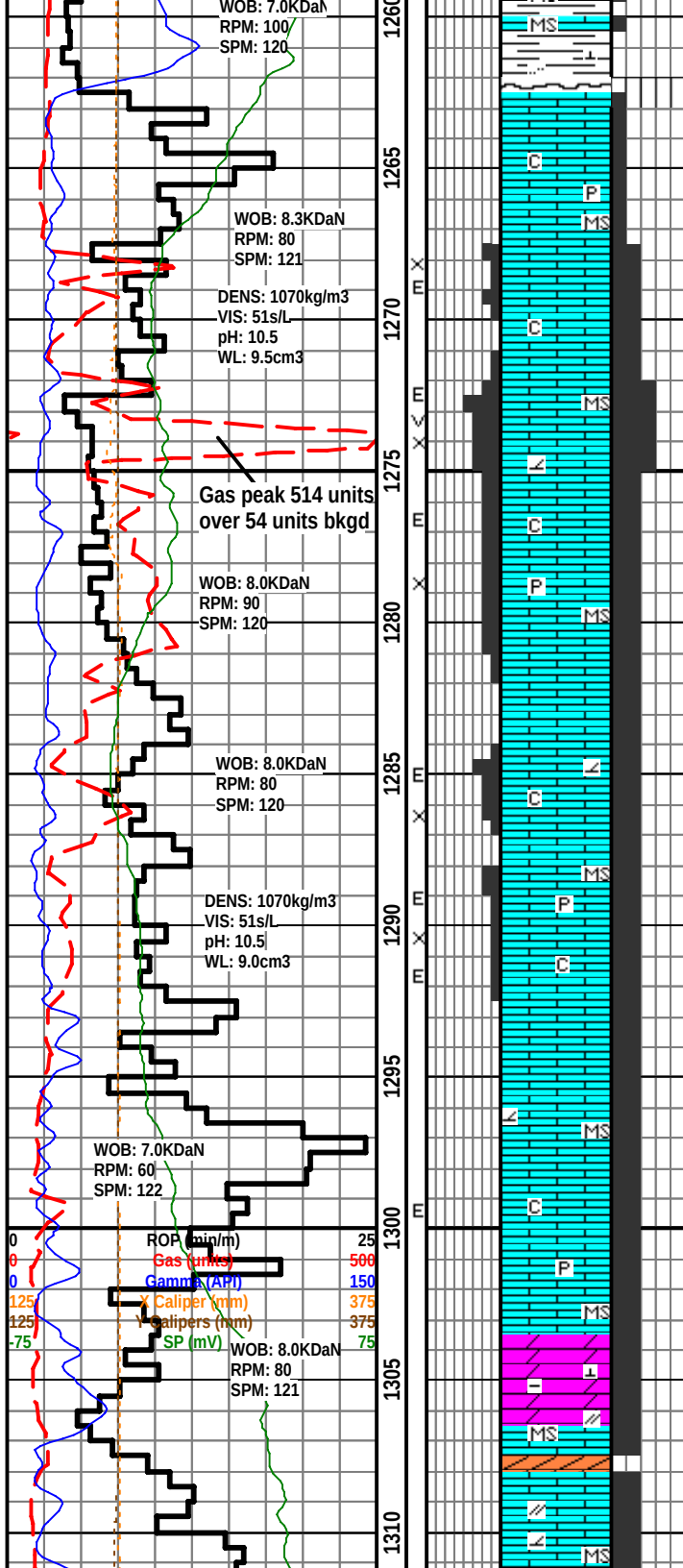
[1230 to 1239.5] SH 70%, lt to med gy, blkly to sub fis, mod hd, mmica ip, tr desm pyr, sl calc, slty ip, f to med tex, SH 30%, med brn gy, blkly, mod hd, sl mmica, calc, sl carb, rgh tex

BEAVERHILL LAKE 1239.5m (-538.1m SSL)

[1239.5 - 1250] SH 70%, med gy, blkly to sub fis, mod hd, mmica, tr desm pyr, sl calc, slty ip, f to med tex, SH 20%, med brn gy, blkly, sft to mod hd, calc, carb, rgh tex, LS 10%, off wht to lt gy, occ tan, crptxl to occ v f xln, arg mudst, lmpy to blkly, tt, dns to lith tex, nvp, ns

Scale Change
Sonic (usec/m) 100
[1250 - 1262.5] SH 90%, med gy, blkly to sub fis, mod hd, mmica, tr desm pyr, sl calc, slty ip, f to med tex, LS 10%, off wht to lt gy, occ tan, crptxl to occ v f xln, arg mudst, lmpy, tt, dns to lith tex, nvp, ns





SLAVE POINT 1262.5m (-561.1m SSL)

[1262.5 - 1267] LS 100%, crm to lt brn, mot, predy crptxl rry vf xln, mudst to wkst, lith tex ip, chky tex ip, lmpy to blkly, tr pyr, arg, tt, nvp, ns

[1267 - 1272] LS 100%, crm to lt brn, mot, predy crptxl, rry vf & f xln, mudst to wkst, chky tex ip, dns tex ip, lmpy to blkly, arg, tt with loc tr p intxl por & assumed p rthy por, tr yel flor, no cut, questionable show

[1272 - 1275] LS 100%, crm to tan, loc lt brn, mudst to wkst, predy crptxl to mcxln, occly f & rry med xln, chky tex ip, dns tex ip, arg, sl dolc ip, tt ip, loc g pp & vugy por (2 to 12%), tr p intxl por & assumed rthy por, com pale yel flor, fast wh stmg cut, strong hydrc od

[1275 - 1282] LS 100%, crm to lt brn, mot, predy crptxl & mcxln, occ v f xln to rry f xln, mudst to wkst, chky tex ip, dns tex ip, lmpy to blkly, tr pyr, arg, tt ip, loc p intxl por & assumed rthy por, tr yel flor, questionable show

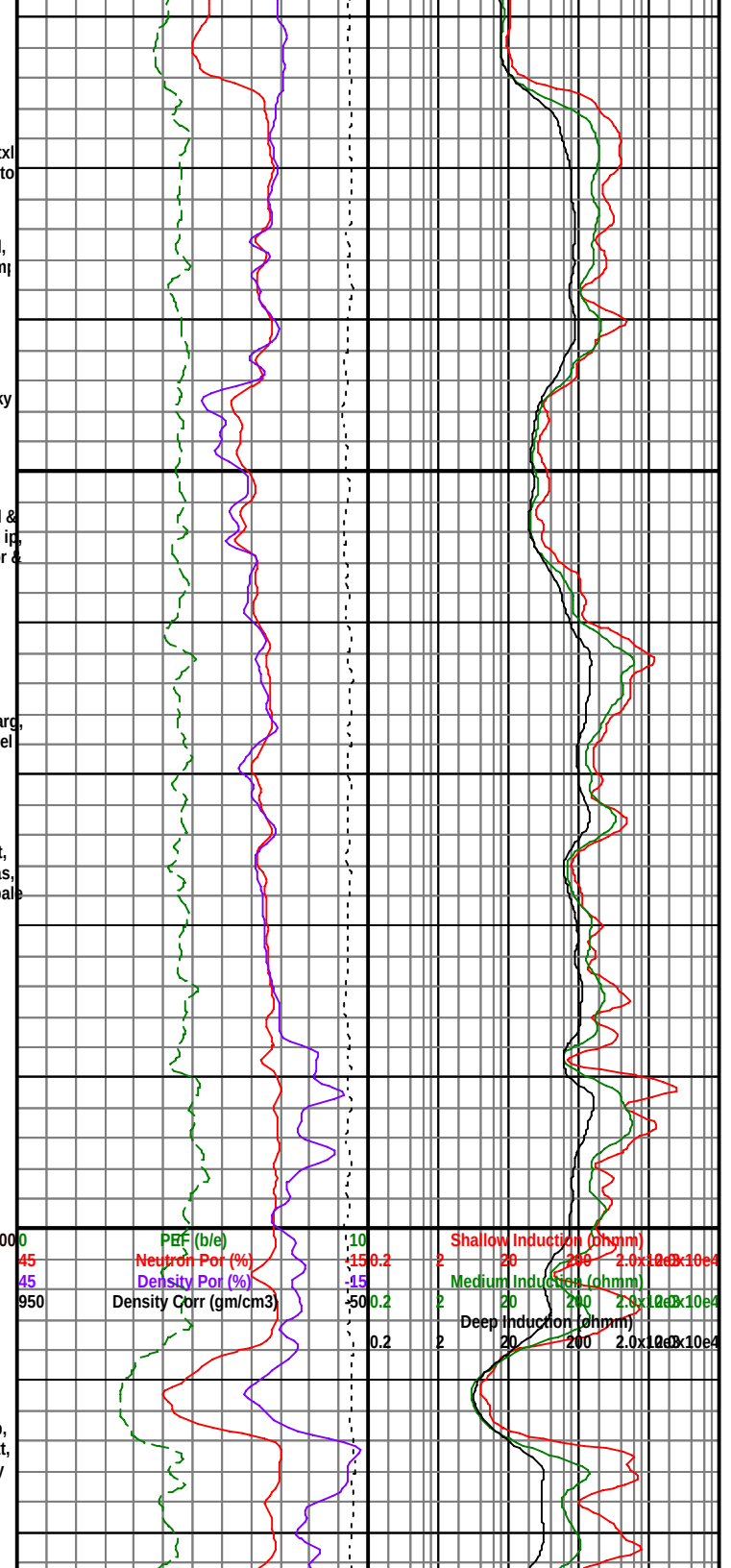
[1282 - 1287] LS 100%, crm to lt brn, mudst to wkst, predy crptxl to mcxln, v f xln to rry f xln, chky tex ip, arg, lmpy to blkly, tt ip, p rthy intxl por (2 - 6%), spty pale yel flor, slow wh ribn cut, questionable show

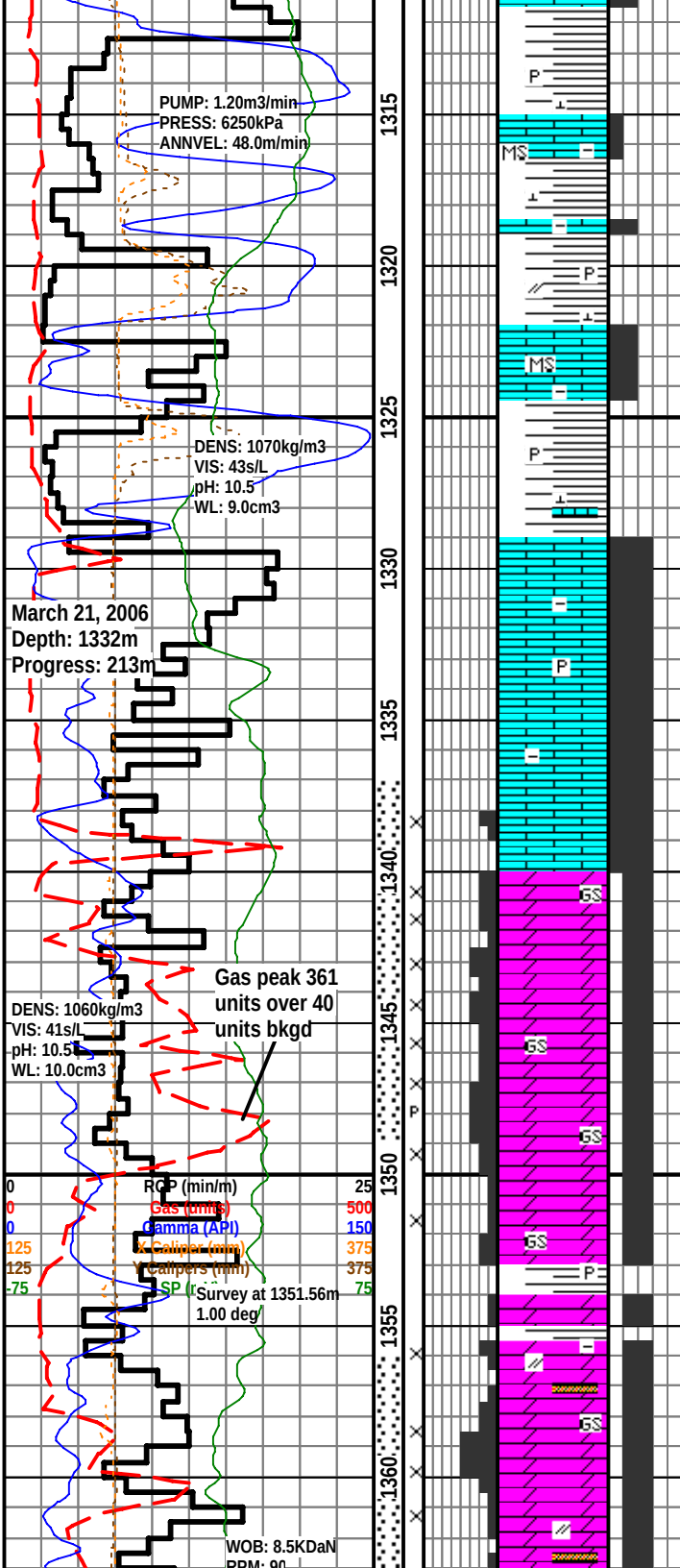
[1287 - 1292] LS 100%, crm to tan, rry brn, mot, mudst, crptxl to mcxln, rry f xln, lmpy to blkly, chky tex ip, mas, sl dolc ip, arg, tt, assumed p rthy por (0 to 4%), spty pale yel flor, wk wh ribn cut, questionable show

[1292 - 1303] LS 100%, crm to tan to lt gy tan, mot, mudst, crptxl to mcxln, occ f xln, lmpy, arg, chky tex, dns, sl dolc, anhyt ip, tt, nvp, no flor, ns

F4 MARKER 1303m (-601.6m SSL)

[1303 - 1311.5] LS 75%, lt gy to lt brn ip, mudst, predy crptxl to occ mcxln, arg, lumpy, anhyt, dolc ip, tt, nvp, no flor, ns, DOL 20%, med brn, crptxl to mcxln, blkly, tt, ns, ANHY 5%, offwht to rry tan, crptxl to mcxln, pearly lustre, tt





WATT MOUNTAIN 1311.5n (-610.1m SSL)

[1311.5 - 1329] SH 70%, med gn gy, rr dk gy, sft, v calc grdg to shaly ls, anhye ip, com desm pyr & pyr xls, wxy tex, LS 30%, wh to lt gn gy, mudst, predy crptxl to occ mcxln, arg, lumpy, tt, nvp, no flor, ns

SULPHUR POINT LST 1329m (-627.6m SSL)

[1329 - 1340] LS 100%, pred offwh to tan, lt brn to dk brn, gy ip, pred crptxl to f and med xln, mudst to wkst, sl dolc, sl anhye, arg ip, lmpy to blkly, spty yel flor, no cut, tt to p intxl por and assumed p rthy por (0 to 3%)

SULPHUR POINT DOL 1340m (-638.6m SSL)

[1340 - 1343] DOL 100%, lt brn to med brn, mcxln to med xln, grnst, suc tex, sdy appnc, sl anhye, str of fr intxl por (up to 10%), spty yel flor, fast yel wh stmg cut, strong hydc od

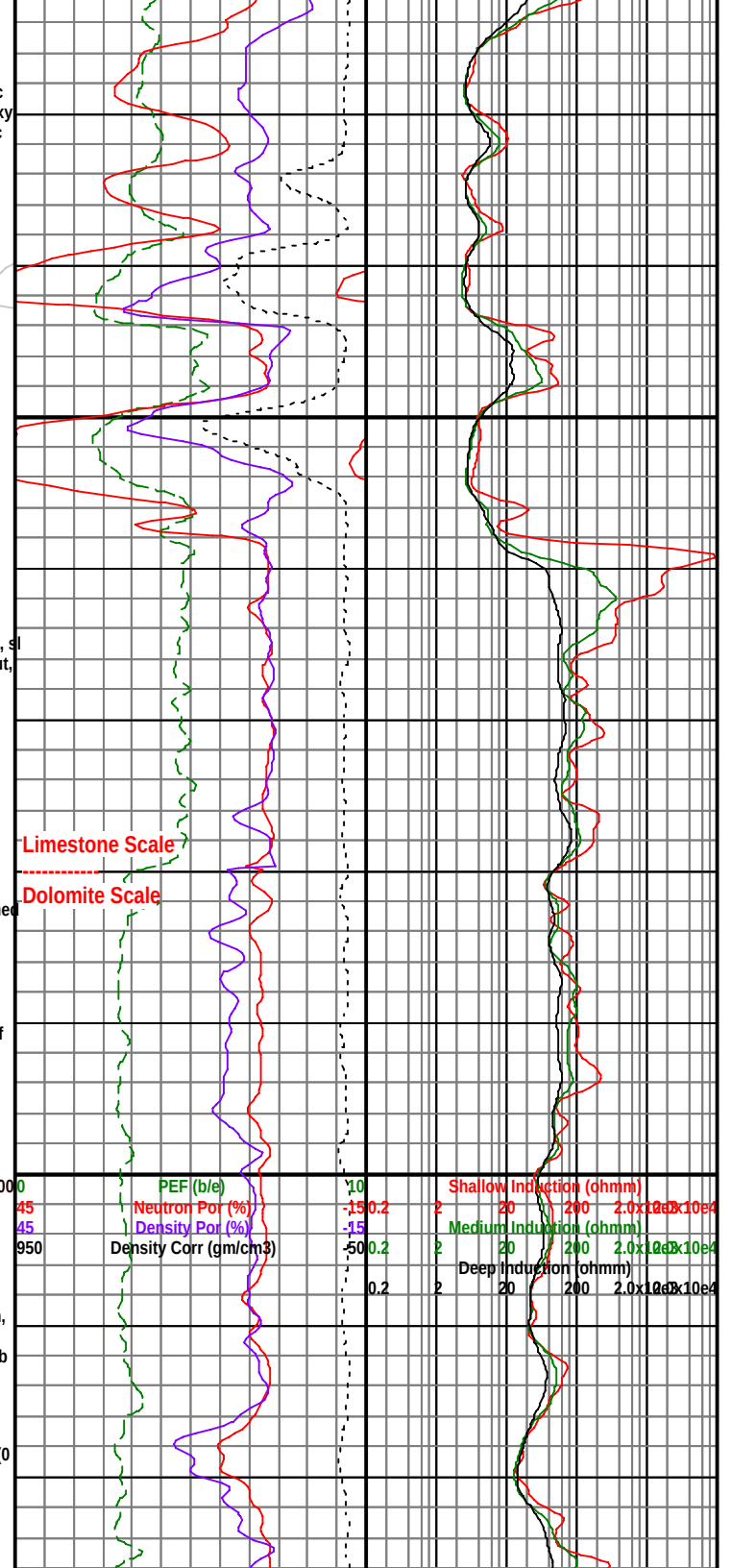
[1343 - 1353] DOL 100%, lt brn to brn, mcxln to f & rry med xln, grnst, suc tex, sdy appnc ip, sl anhye, str of intxl and pp por (up to 10%), spty yel flor, fast yel wh stmg cut, strong hydc od

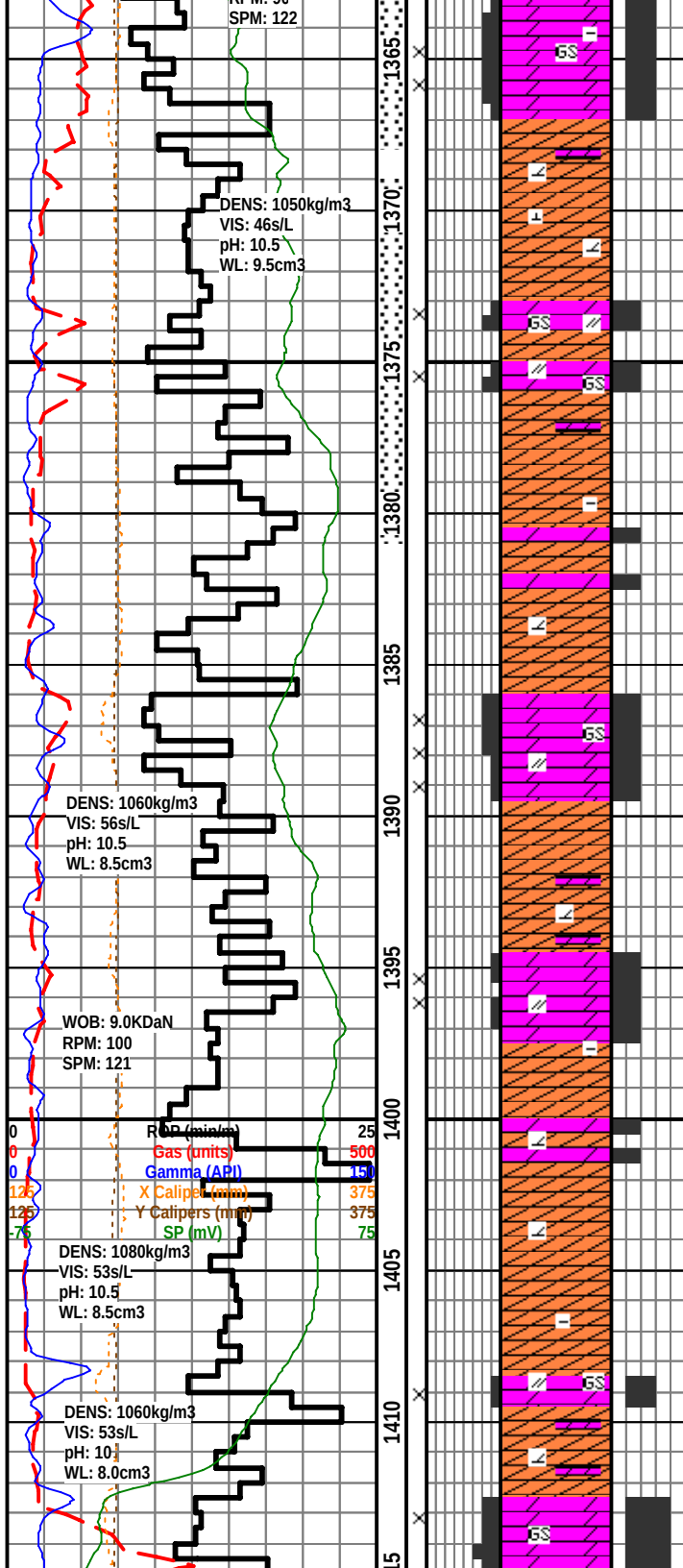
300 Sonic (usec/m)

MUSKEG 1353.0m (-651.6 m SSL)

[1353 - 1358] DOL 80%, lt brn to brn, mcxln to med xln, grnst, suc tex, anhye, tt, p intxl por (2 to 5%), spty yel flor, questionable show, SH 20%, med gy to gn gy, sub fis to plty, mod hd, tr pyr, wxy tex

[1358 - 1367] DOL 100%, lt brn to tan, mcxln to f xln, anhye, suc to dns tex ip, tt ip, loc p to fr & g intxl por (0 to 15%), pale yel flor, slow yel wh ribn cut





[1367 - 1373] ANHY 100%, wht to occ gy tan, crptxl to mcxln, dolc ip, sl arg, calc ip, pearly to watery lustre, dns, tt

[1373 - 1377] DOL 50%, lt brn to tan, mcxln to f xln, anhyc, suc to dns tex ip, p intxl por (0 to 5%), pale yel flor, ANHY 50%, wht to occ gy tan, crptxl to mcxln, dolc ip, calc ip, pearly to watery lustre, dns, tt

[1377 - 1386] ANHY 90%, wht to occ gy tan, occ pearly wh amor nod, crptxl to mcxln, dolc ip, pearly to watery lustre, dns, tt, DOL 10%, lt brn to tan, mcxln to f xln, anhyc, dns tex ip, tt

[1386 - 1389] DOL 100%, lt brn to tan, mcxln to f xln, anhyc, suc to dns tex ip, tt, loc p intxl por (0 to 5%), pal yel flor, slow yel wh ribn cut

[1389 - 1400] ANHY 70%, wht to occ gy tan, crptxl to mcxln, dolc ip, calc ip, pearly to watery lustre, dns, tt, DOL 30%, lt brn to tan, mcxln to vf & f xln, anhyc, suc to dns tex ip, tt, loc p to fr intxl por (0 to 4%), no show

300 Sonic (usec/m) 1000
[1400 -1412.5] ANHY 90%, wht to occ gy tan, crptxl to mcxln, dolc ip, arg ip, pearly to watery lustre, dns, tt, DOL 10%, lt brn to tan, mcxln to vf & f xln, anhyc, rry st to com dns tex ip, tt, nvp, no show

KEG RIVER 1412.5m (-711.1m SSL)

[1412.5 - 1417] DOL 100%, lt brn to tan, brn ip, mcxln to

