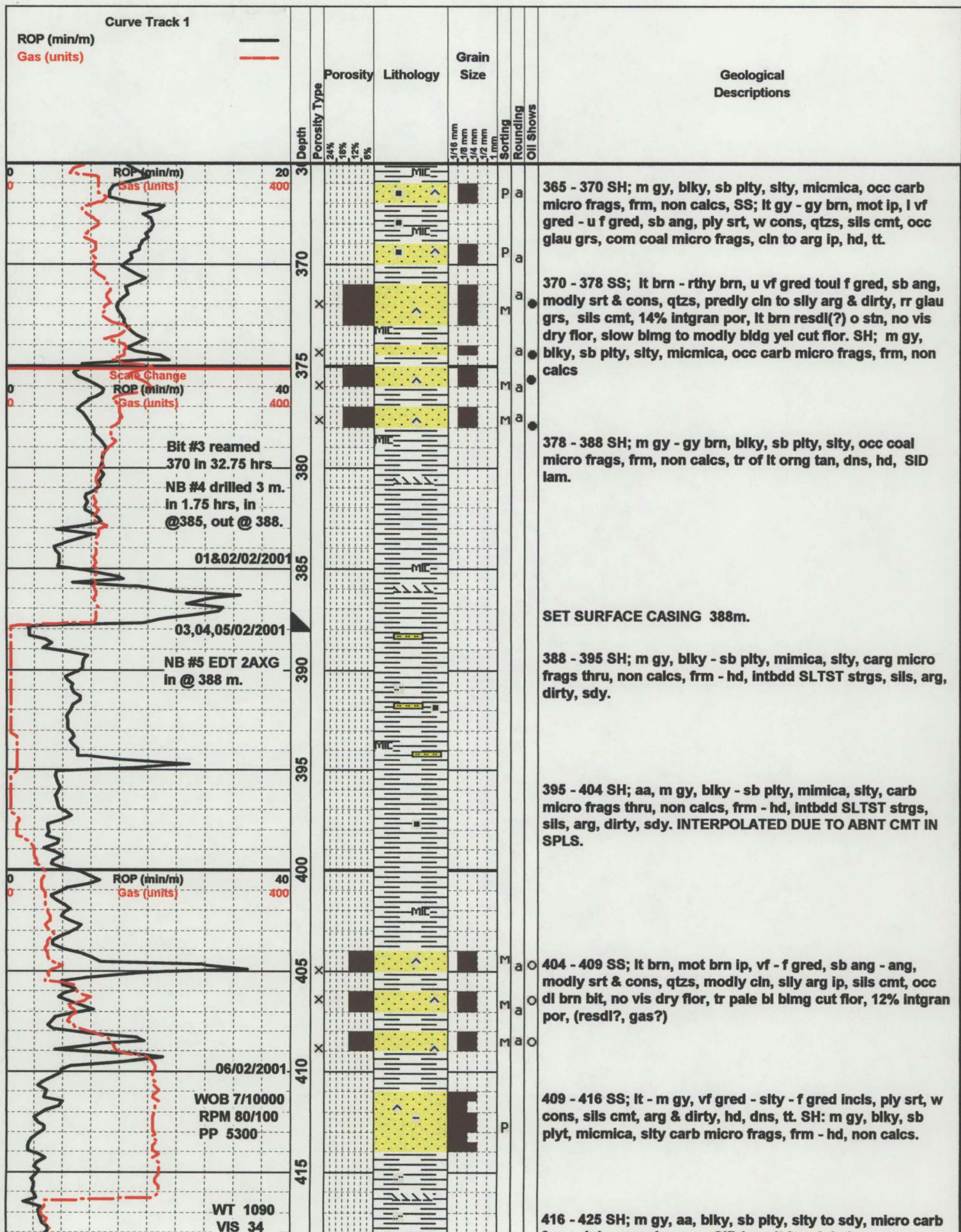
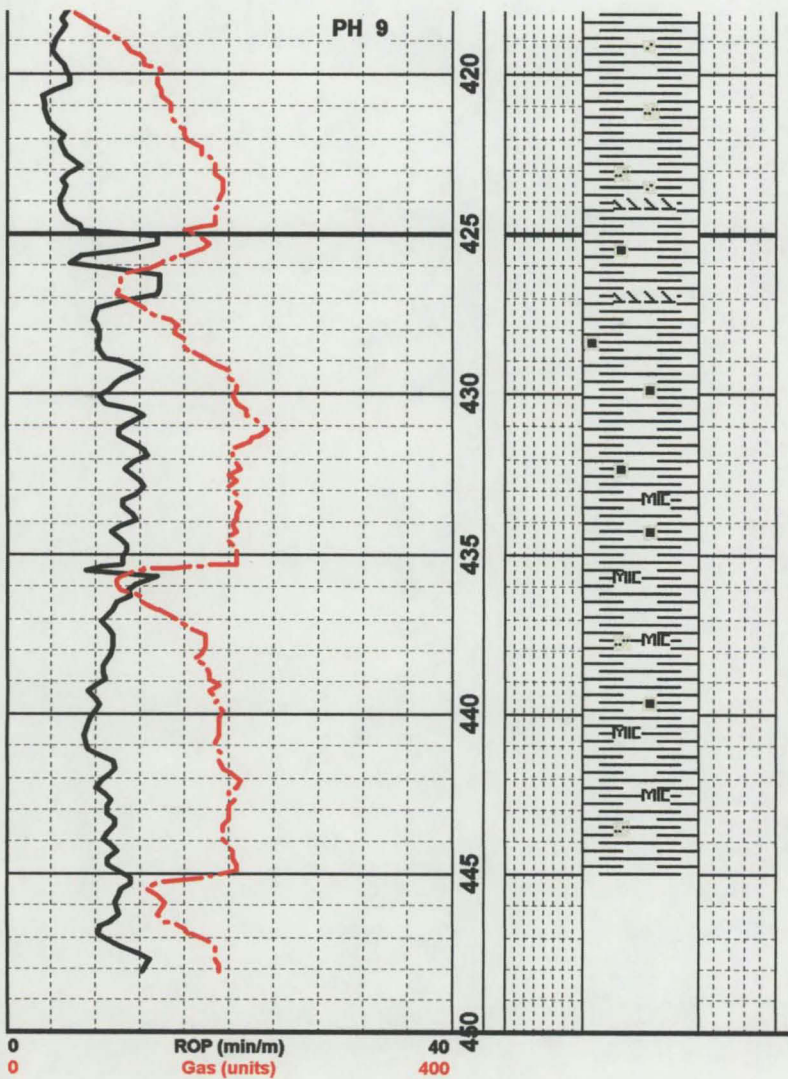


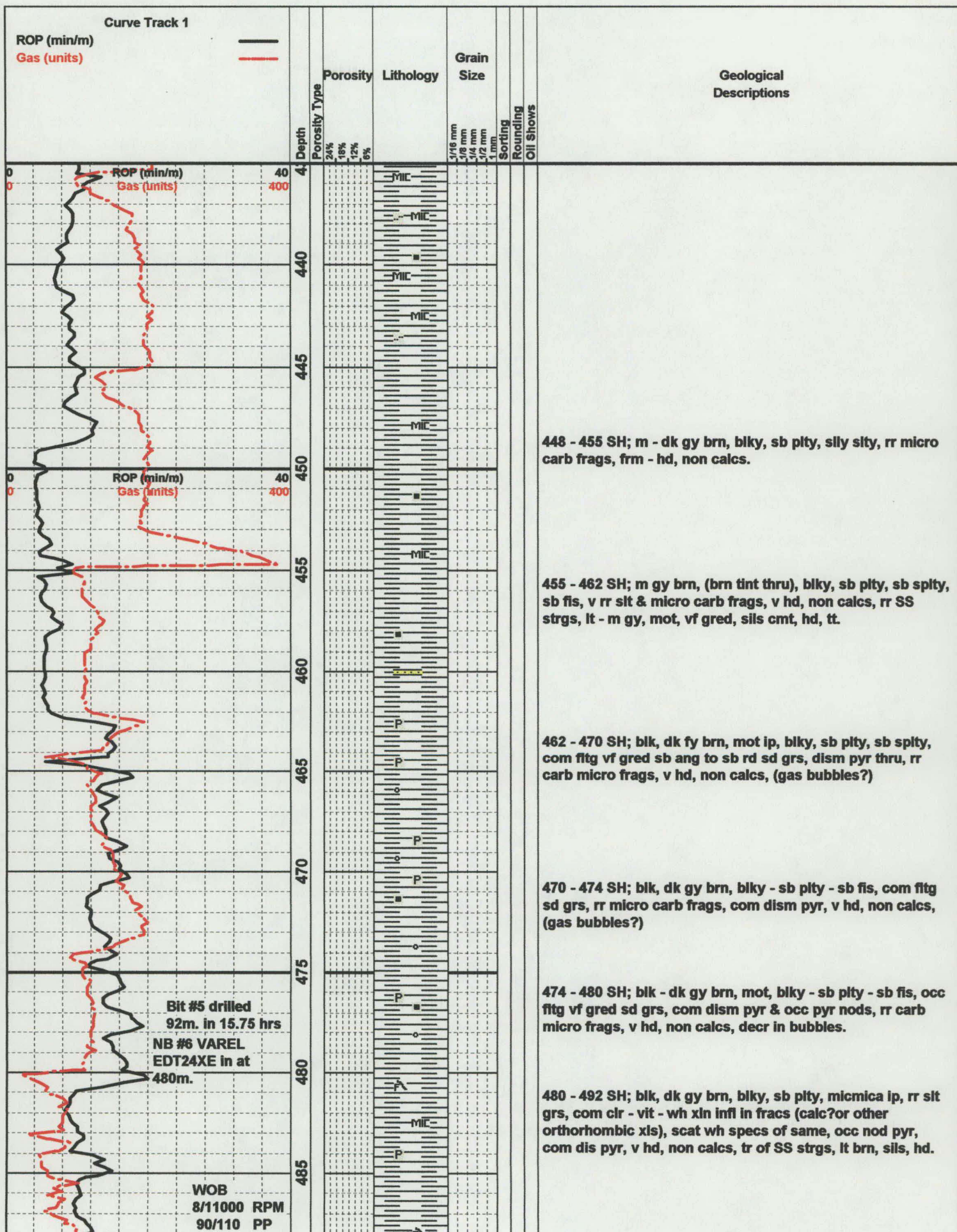


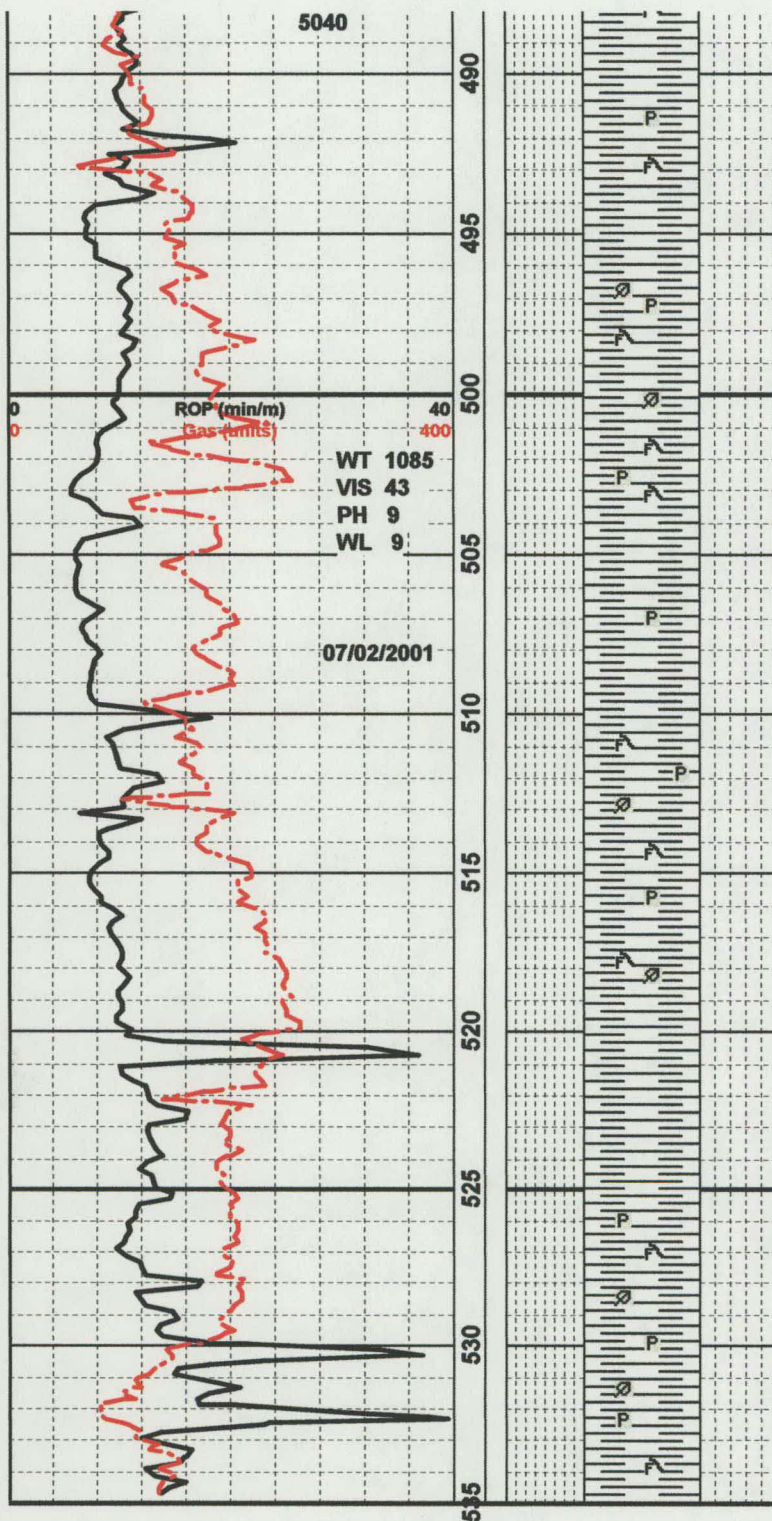


frags, no, non calcs, mnfr SID lam: it brn, no, ans, w cons.

425 - 435 SH; dk gy to blk, blk, micmica, carb thru, modly
frm, non calcs, rr slit, com clr to op gyp/calc xls, rr SID lam,
m brn, hd, dns.

435 - 445 SH; m - dk gy brn, blk - sb plty, rr carb micro
frags, micmica, silty slty, frm, non calcs.





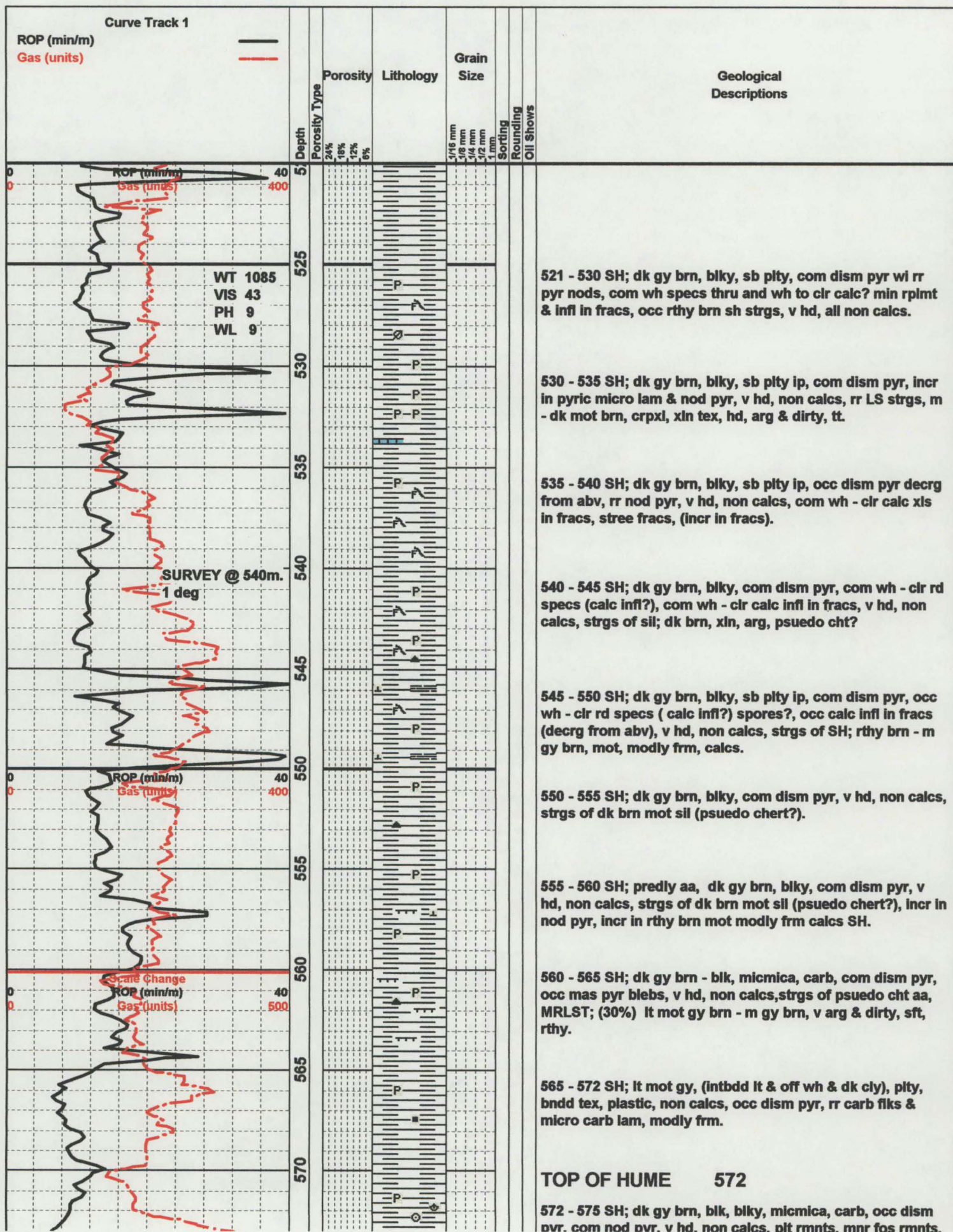
492 - 496 SH; dk gy brn, blk ip, blk, sb plty, com dism pyr, hairline fracs w/ wh to clr min infl, v hd, non calcs.

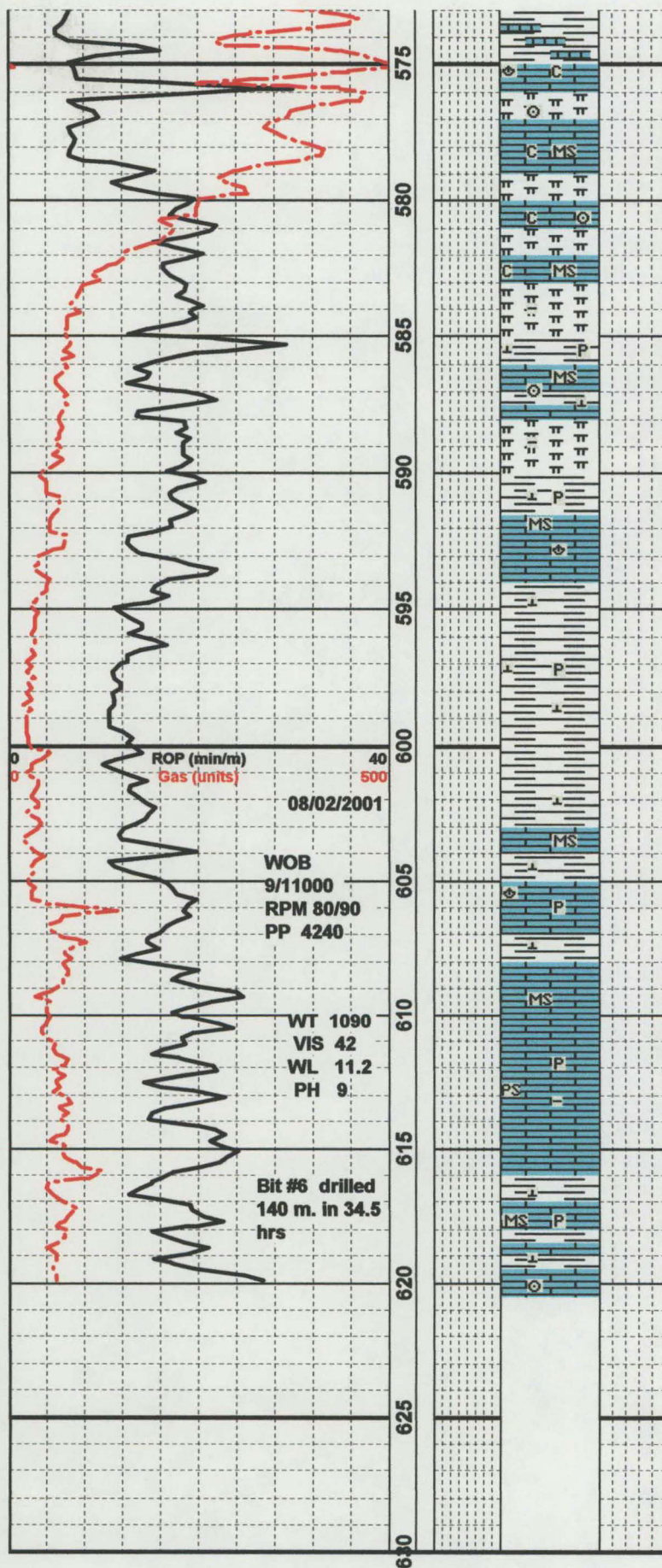
496 - 504 SH; predly aa, dk gy brn, blk ip, blk, com dism pyr w/ rr nod pyr, com wh specs thru (wh to clr calc? min rplmt of spores?) v hd, non calcs, incr in fracs at base.

504 - 510 SH; dk gy brn, blk, sb plty ip, com dism pyr, rr nod pyr, hd, non calcs, no fracs, strgs of rthy brn blk sly calcs modly frm SH.

510 - 521 SH; dk gy brn, blk ip, blk, sb plty, com dism pyr, rr pyr nuds, hd, non calcs, incr in wh to clr min rplmt (calc?) of spores?, com wh calc/ infl in fracs.

521 - 530 SH; dk gy brn, blk, sb plty, com dism pyr w/ rr pyr nuds, com wh specs thru and wh to clr calc? min rplmt & infl in fracs, occ rthy brn sh atrga, v hd, all non calcs.





(brac? crin?) mnr infld fracs, LS; strgs (20%), wh mot wi gy & blk arg mat, ply ind, chky tex, sft.

575 - 585 LS; (40%) wh, sily mot, lt - m tan, chky to mas tex, arg ip, occ xln tex wi vf xln ls, modly ind, callut, tt, no shows. MRLST (60%) lt gy, mot, v arg & dirty, lmy, occ crin frags, modly frm.

585 - 590 LS; (20%) wh, sily mot, lt - m tan, chky to mas tex, arg ip, occ xln tex wi vf xln ls, modly ind, callut, tt, no shows. MRLST (40%) lt gy, mot, v arg & dirty, lmy, grsy tex, occ crin frags, modly frm. SH; m gy sily sity, blky, dism pyr, calcs.

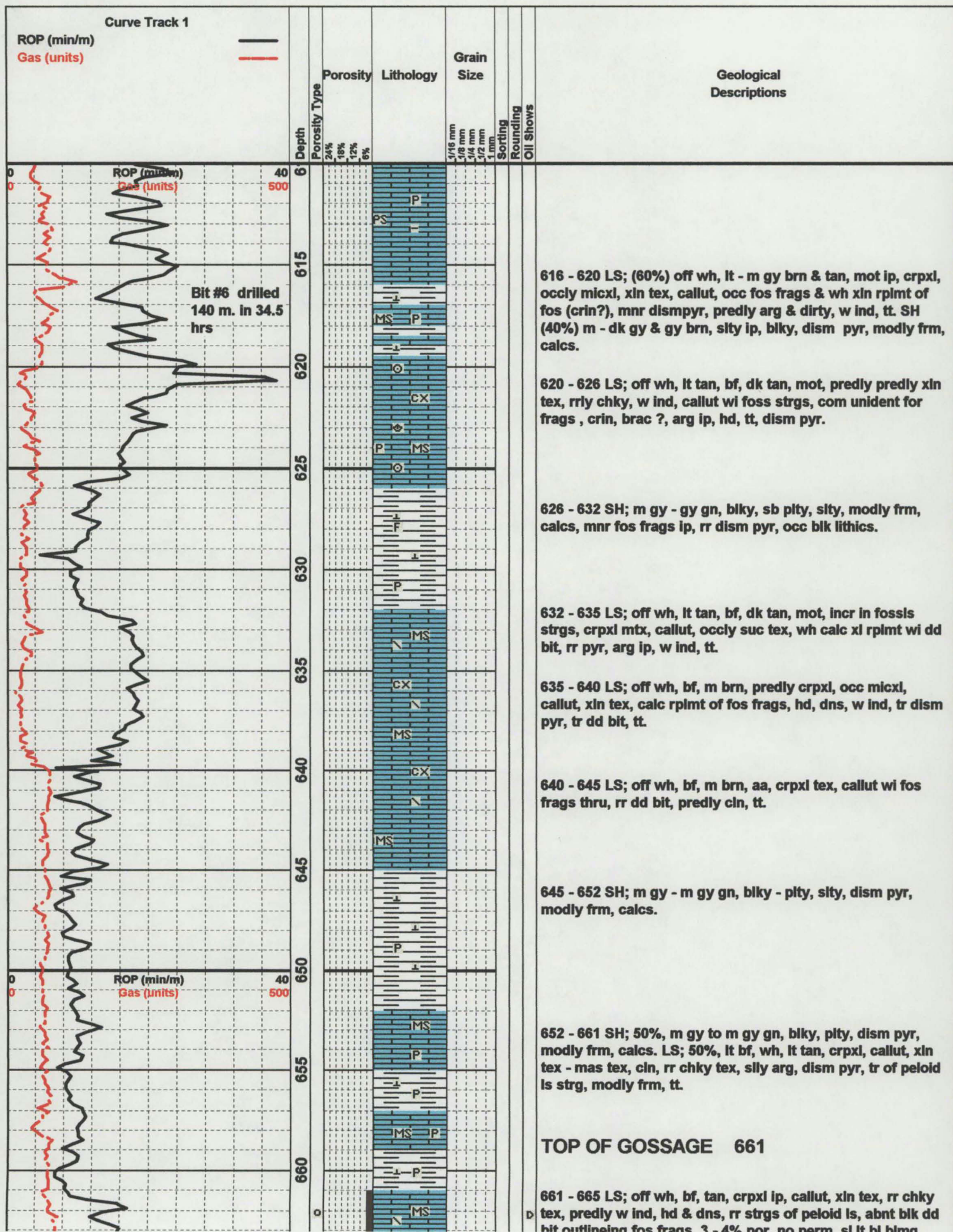
590 - 594 LS (50%), off wh, lt - m gy tan, predly crpxl, xln tex, rr chky tex, cln to arg & dirty, dns, tt, no shows, occ brach frag. SH; (50%) m gy - gy gn, blky - pity, dism pyr, rr slt, occ fos frags, modly frm, calcs.

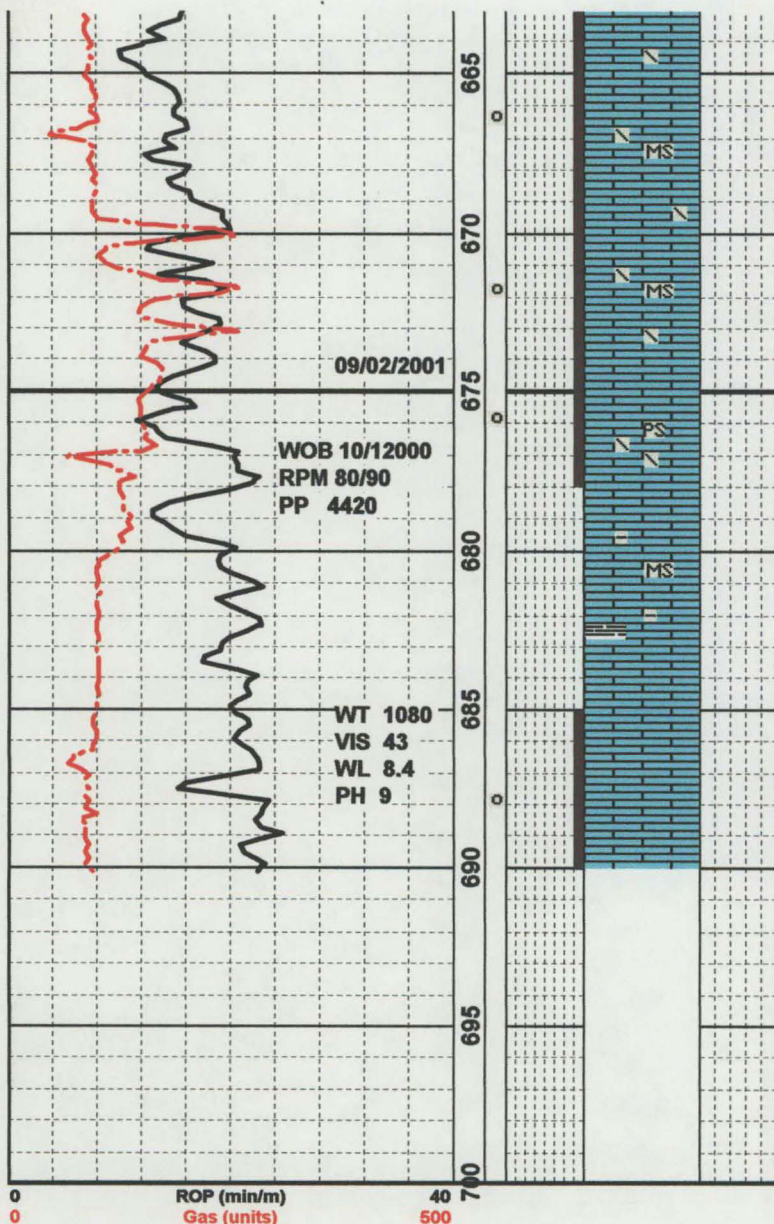
594 - 603 SH; m gy - gy gn, blky - pity, dism pyr, rr slt, occ fos frags, modly frm, calcs.

603 - 608 SH; (20%) m gy - gy gn, blky - pity, dism pyr, rr slt, occ fos frags, modly frm, calcs. LS (80%) off wh, lt gy brn - m tan gy, crpxl - micxl ip, predly xln tex, rr chky tex, callut, micro pyr in stress fracs, rr lithics, w ind, tt.

608 - 616 LS; off wh, lt - m gy brn & tan, crpxl wi incrg micxl & rr vf xln, xln tex, mas tex ip, callut grdg to packst ip, arg & dirty wi com cln lam, rr micro pyr lam, w ind, tr dol xls, tt - 3% intxin por in str.

616 - 620 LS; (60%) off wh, lt - m gy brn & tan, mot ip, crpxl, occly micxl, xln tex, callut, occ fos frags & wh xln rpimt of fos (crin?), mnr dismpyr, predly arg & dirty, w ind, tt. SH (40%) m - dk gy & gy brn, sity ip, blky, dism pyr, modly frm, calcs.





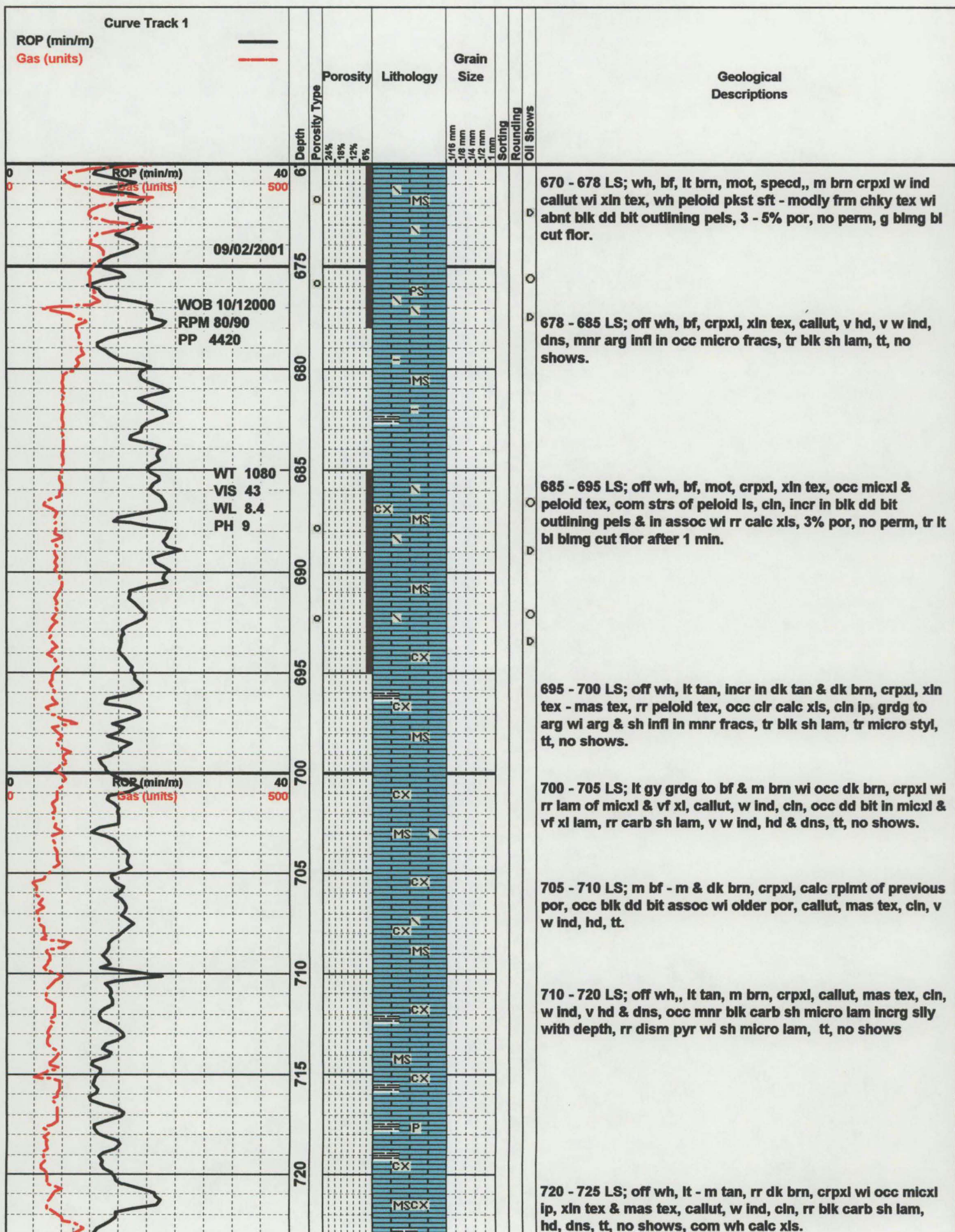
Microfossils: 100 magn, 0 - 7/8 por, no perm, on bl blmg halo on cut floor

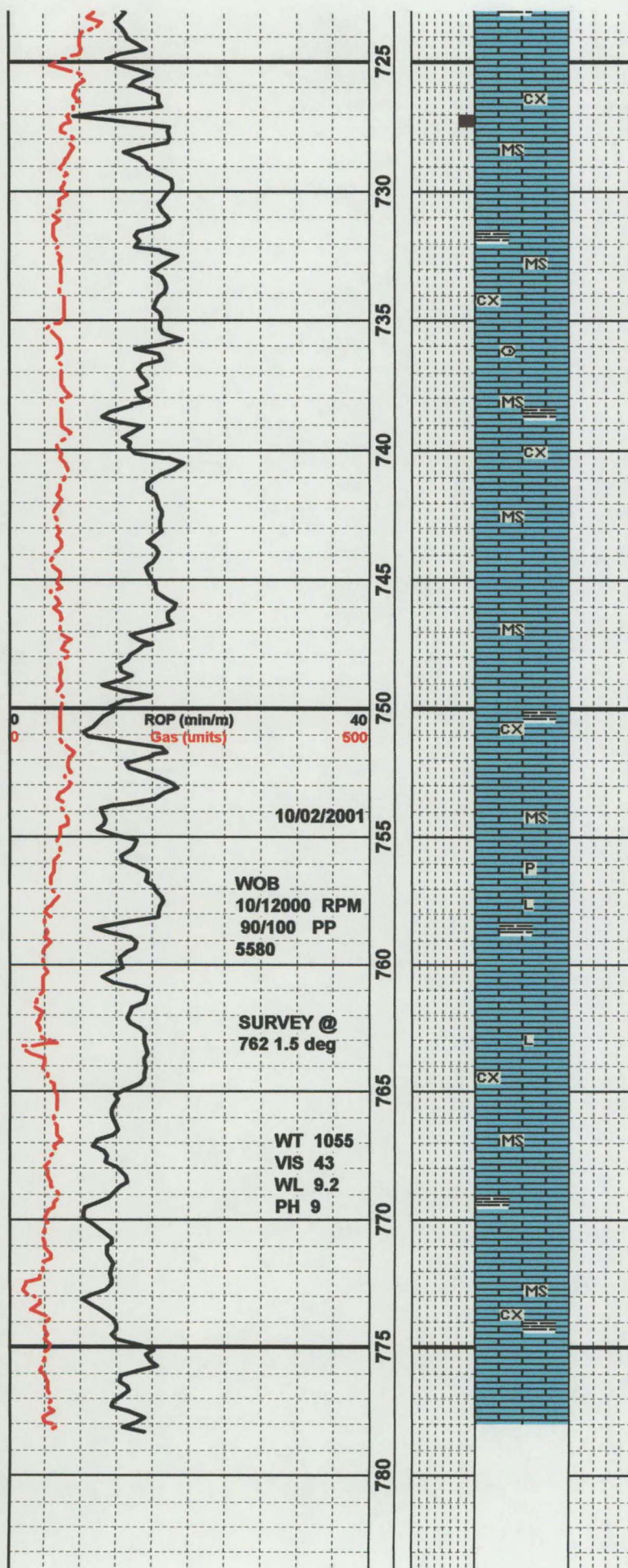
665 - 670 LS; off wh, bf, in in m tan, crpxl, callut, xln & mas tex, rr peloid tex, w ind, hd, tr chky tex, com blk dd bit in assoc wi fos frags or mnr stress frags, 3 - 4% por, no perm, sl lt bl blmg halo on cut floor after 1 min.

670 - 678 LS; wh, bf, lt brn, mot, specd,, m brn crpxl w ind callut wi xln tex, wh peloid pkst sft - modly frm chky tex wi abnt blk dd bit outlining pels, 3 - 5% por, no perm, g blmg bl cut floor.

678 - 685 LS; off wh, bf, crpxl, xln tex, callut, v hd, v w ind, dns, mnrg arg infl in occ micro frags, tr blk sh lam, tt, no shows.

685 - 690 LS; offwh, bf, mot, crpxl, xln tex, occ micxl & peloid tex, com strs of peloid ls, cln, incr in blk dd bit outlining pels & in assoc wi rr calc xls, 3% por, no perm, tr lt bl blmg cut floor after 1 min.





725 - 730 LS; off wh, lt tan, crpxl, mas tex, callut, w ind, cln, hd, dns, tt, strg of lt brn vf xln ls wi 6% por.

730 - 735 LS; off wh, lt tan, m brn, crpxl, rr micxl, mas & xln tex, callut, w ind, predly cln wi incr in blk carb calcs SH lam, occ gy gn Sh lam, hd, dns, tt.

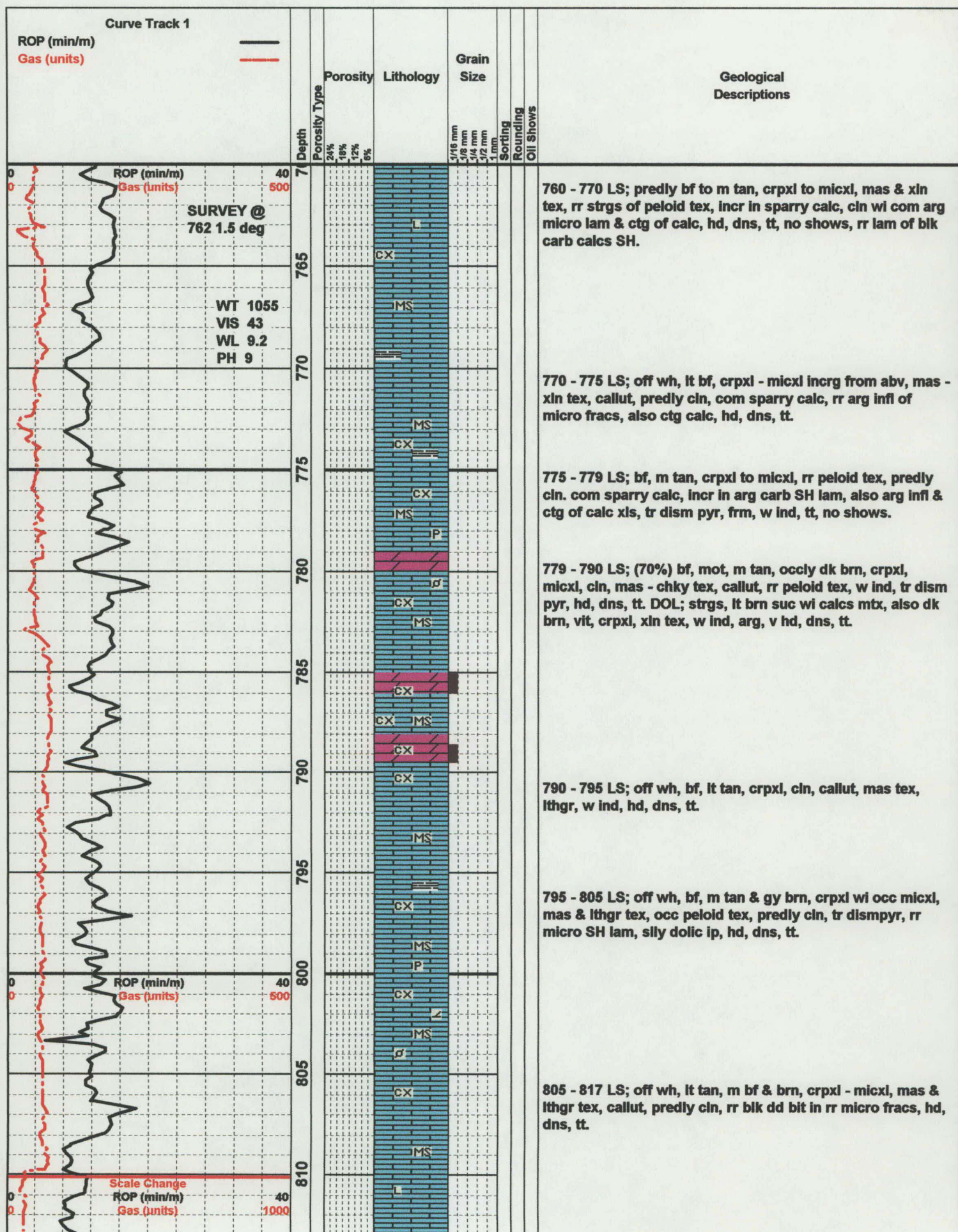
735 - 740 LS; off wh, lt tan, m - dk brn, mot ip, crpxl wi rr micxl, xln tex, mas tex, callut, sily arg, rr peloid lam, tr Ost ?, rr sparry calc rplmt of fos frags, hd, dns, tt, occ blk carb SH lam.

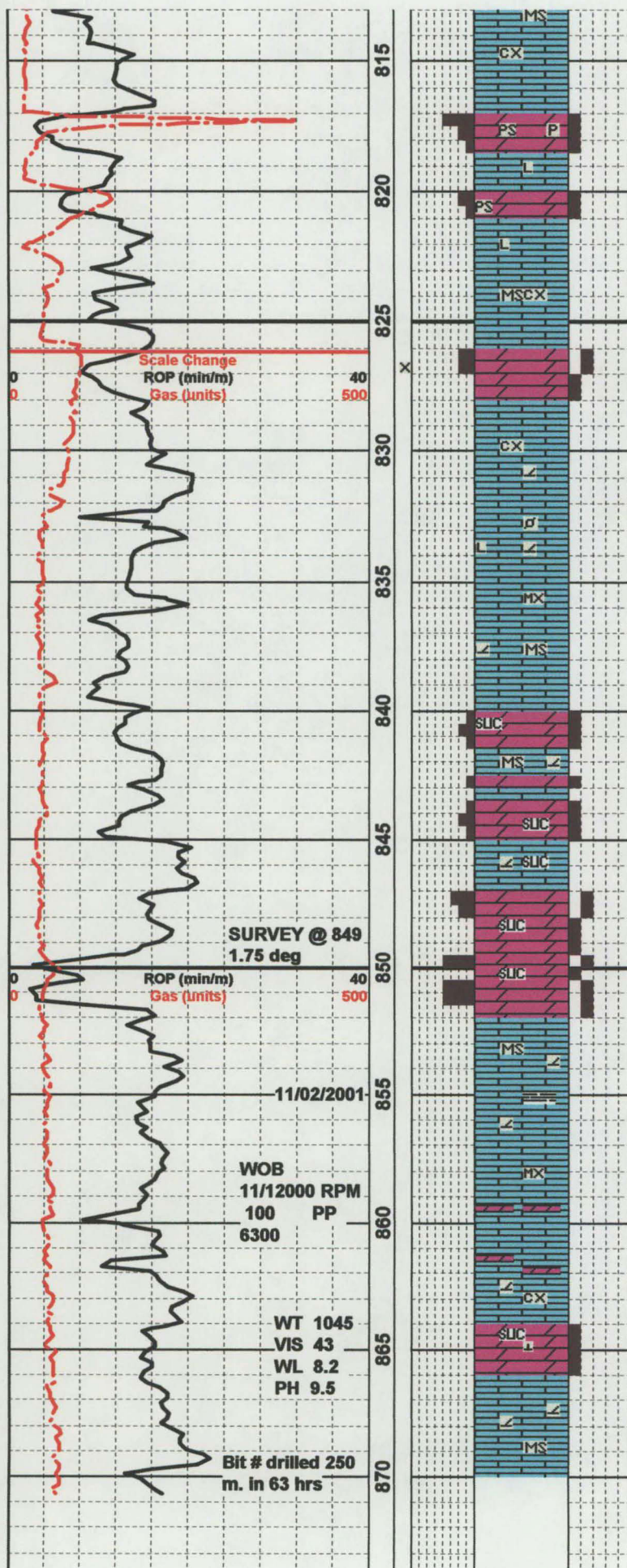
740 - 755 LS; predly lt bf to lt tan, rr dk brn, crpxl, xln & mas tex, lthgr ip, com sparry calc wi arg ctg, predly cln, hd, dns, tt, no shows, v mnr blk carb SH micro lam.

755 - 760 LS; predly bf - m tan, crpxl, cln, mas & xln tex, lthgr ip, callut, occ arg ctg of sparry calc, hd, dns, tt, rr dk gn calcs SH lam, tr dism pyr.

760 - 770 LS; predly bf to m tan, crpxl to micxl, mas & xln tex, rr strgs of peloid tex, incr in sparry calc, cln wi com arg micro lam & ctg of calc, hd, dns, tt, no shows, rr lam of blk carb calcs SH.

770 - 775 LS; off wh, lt bf, crpxl - micxl incrg from abv, mas - xln tex, callut, predly cln, com sparry calc, rr arg infl of micro frags, also ctg calc, hd, dns, tt.





817 - 821 DOL; rthy brn, suc tex grd to xln tex & mas in lower strg, pkst, macro xln - vf xln, cln ip to arg ip, ply ind, fri, 50% ls cmt & mtz, 12% por, no vis flor, rr dism pyr. LS; strg, aa, LS; off wh, lt tan, m bf & brn, crpxl - micxl, mas & lthgr tex, callut, predly cln, rr blk dd bit in rr micro fracs, hd, dns, tt.

821 - 826 LS; off wh, bf, crpxl, cln, nas tex, lthgr, callut, hd, dns, tt.

826 - 828 DOL; wh, lt brn, vit, vf lxn - macro xln, suc tex, 7% por in suc dol strgs, pkst to grst, com sec dolc & lmy cmt, hd, dns, tt.

828 - 840 LS; off wh, bf, lt tan, crpxl - micxl, lthgr ip, com peloid & brecc ls wi sec ls cmt that is dolz (30%), scat dol xls thru, cln, suc tex ip, modly ind - w ind ip,, dns, tt.

840 - 845 DOL; wh, vit, micxl, suc tex, pkst wi calc cmt grd to mas tex, vit, hd, cln thru, 4 - 5% intxl por ip, tt ip, no shows. LS; strgs aa.

845 - 847 LS; off wh, bf, lt tan, crpxl - micxl, lthgr ip, scat dol xls thru, cln, suc tex ip, modly ind - w ind ip,, dns, tt.

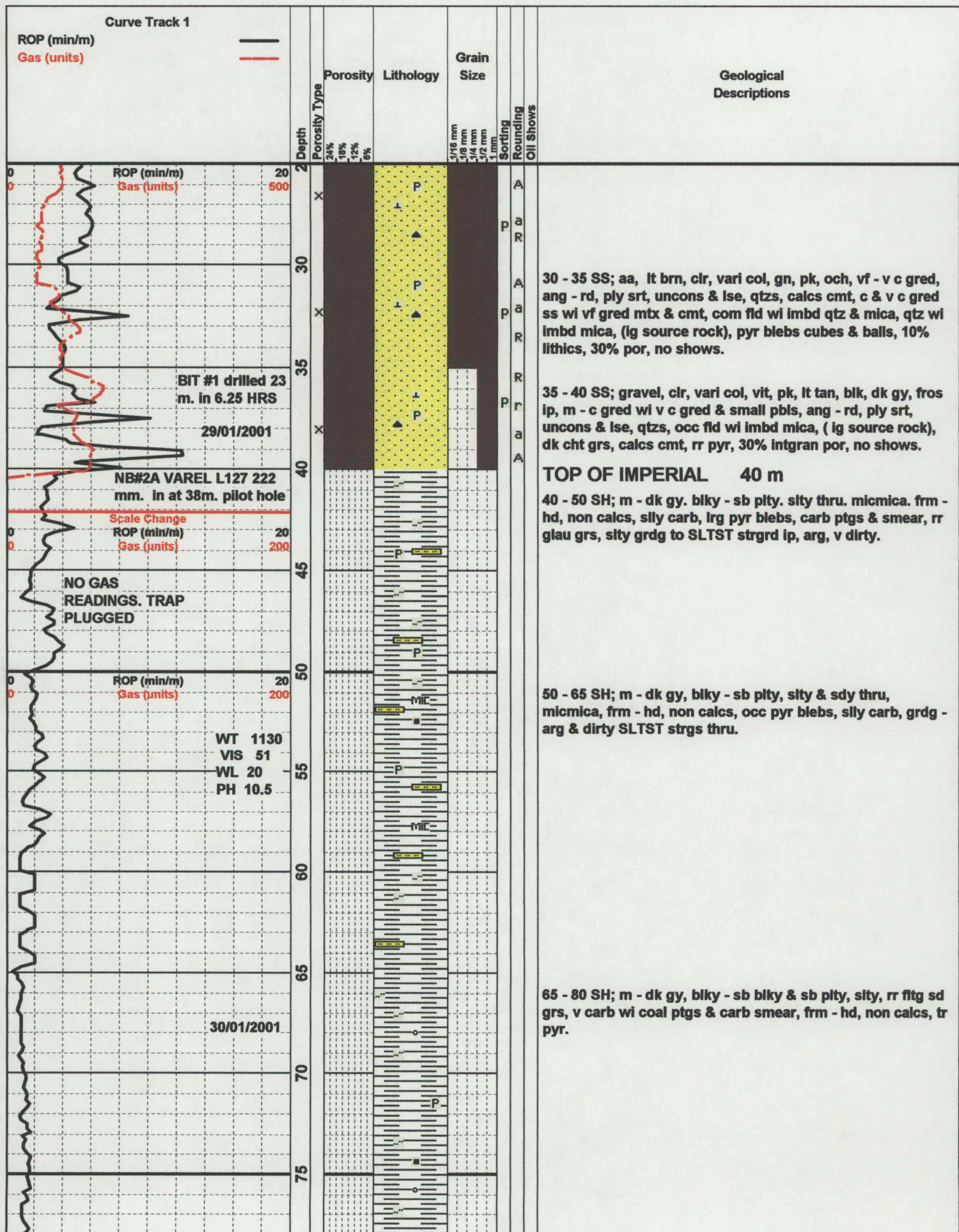
847 - 852 DOL; rthy, lt - m brn, vit, vf xln grd - micxl & crpxl strgs, grst wi calcs cmt, predly dolc cmt, fri grd to w ind, v cln, 12% micro vug por, g perm, no vis dry flor, v faint, lt bl blmg haloes on cut flor.

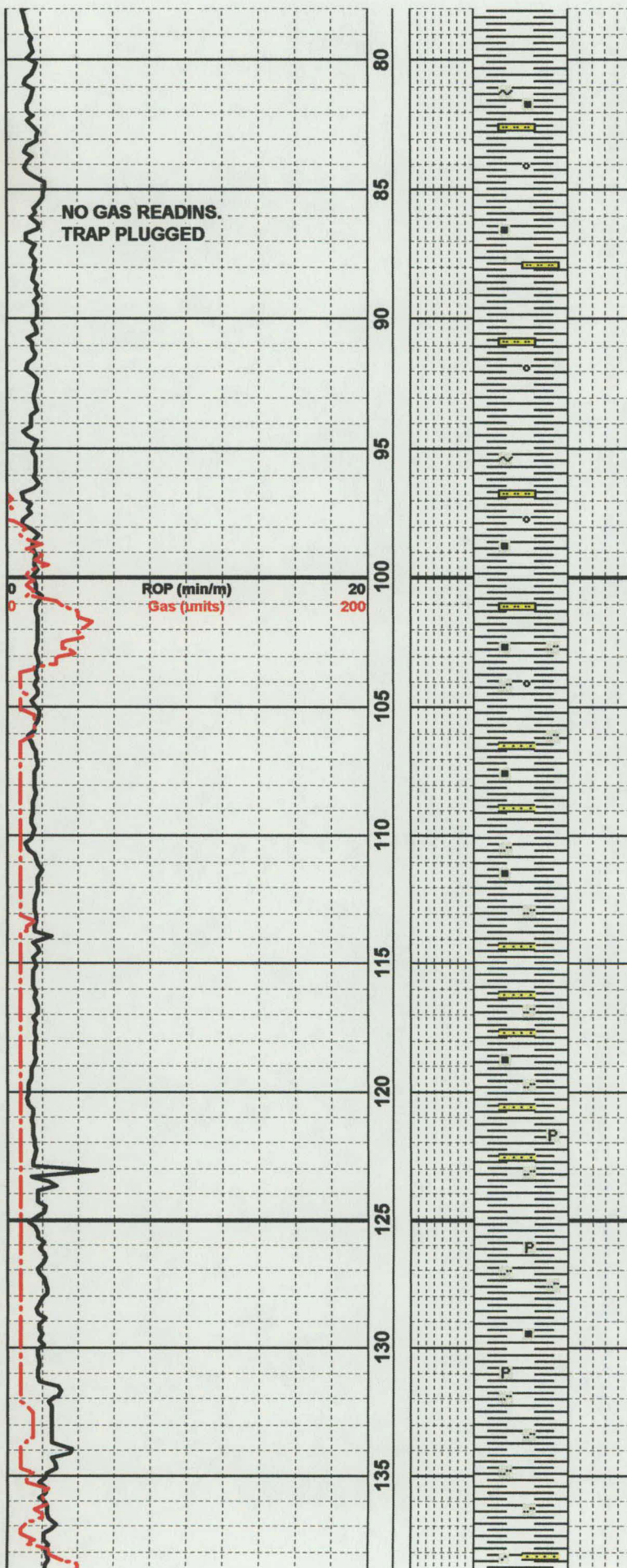
852 - 855 LS; off wh, bf, lt gy brn, crpxl - micxl, lthgr ip, callut - calsit, mas - xln tex, predly cln, tr sparry calc, occ dol xls, hd, dns, tt.

855 - 864 LS; off wh, bf, lt gy brn, crpxl - micxl, callut, w ind, occly mot wi sparry calc, mas - xln tex, cln, hd, dns, tt. Dol; strgs, m slate gy, micxl - macro xln, grst, w ind, dolc cmt, cln, hd, dns, tt. tr SH lam, gy gn, pily, calcs - dolc.

864 - 866 DOL; m - dk gy brn, lt brn ip, micxl, suc tex, cln, vit, mot ip, calcs cmt ip, modly ind, dns, tt.

866 - 870 LS; off wh, bf, lt brn, mot, crpxl - micxl, mas - xln tex, callut - calsit, predly cln, com dol grs thru, strgs of dk brn crpxl lthgr ls, w ind, dns, tt, no shows.





80 - 100 SH; m - dk gy, blkly - sb blkly - plty ip, slty thru wi
mnr fltg sd grs, rr glau grs, carb wi coal ptgs thru, frm - hd,
non calcs, grdg to arg & dirty SLTST strgs ip.

100 - 105 SH; m - dk gy, blkly - sb plty, slty wi occ fltg sd
grs, com carb ptgs thru, frm - hd, non calcs, grdg to arg &
dirty SLTST strgs.

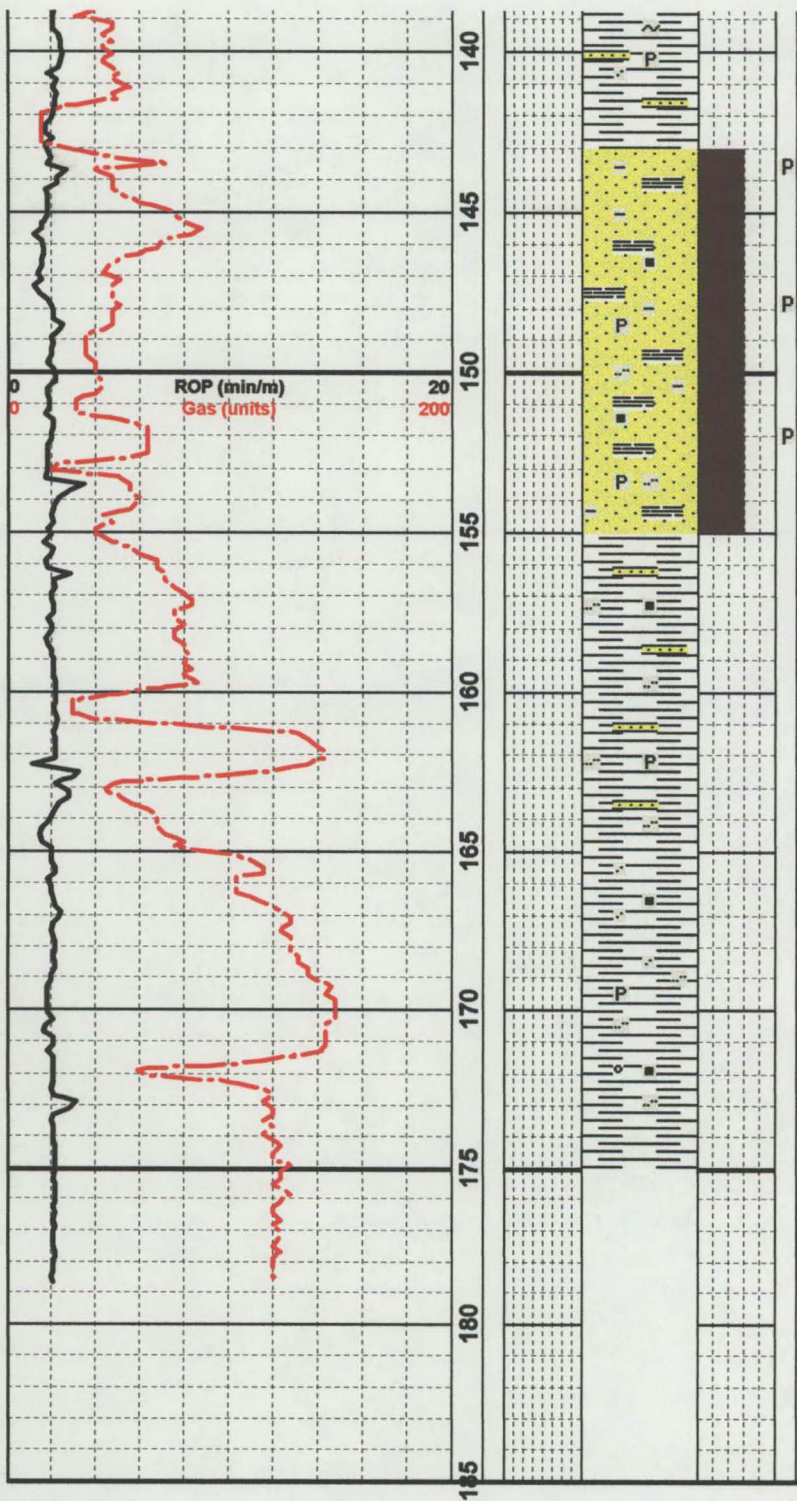
105 - 115 SH; aa, m - dk gy, blkly - sb plty, slty wi occ fltg sd
grs, com carb ptgs thru, frm - hd, non calcs, grdg to SS
strgs, dk gy, vf gred - slty wi occ f grs, ply srt, w cons, v arg
& dirty, tt.

115 - 125 SH; m - dk gy, blkly to occly sb plty, slty & sdly,
com carb ptgs, tr pyr, frm - modly frm, slty sft than abv),
non calcs, SS strgs, slty - vf gred wi rr f gred, v arg & dirty,
w cons, tt, rr sid cmt.

125 - 138 SH; m - dk gy, blkly - sb plty, slty, decr in sd
content & ss strgs, tr pyr, occ coal ptgs decrg from abv,
non calcs.

TOP FORT CREEK 138 m

138 - 143 SH; lt - m gy mot wi brn, blkly, sdly thru grdg to arg



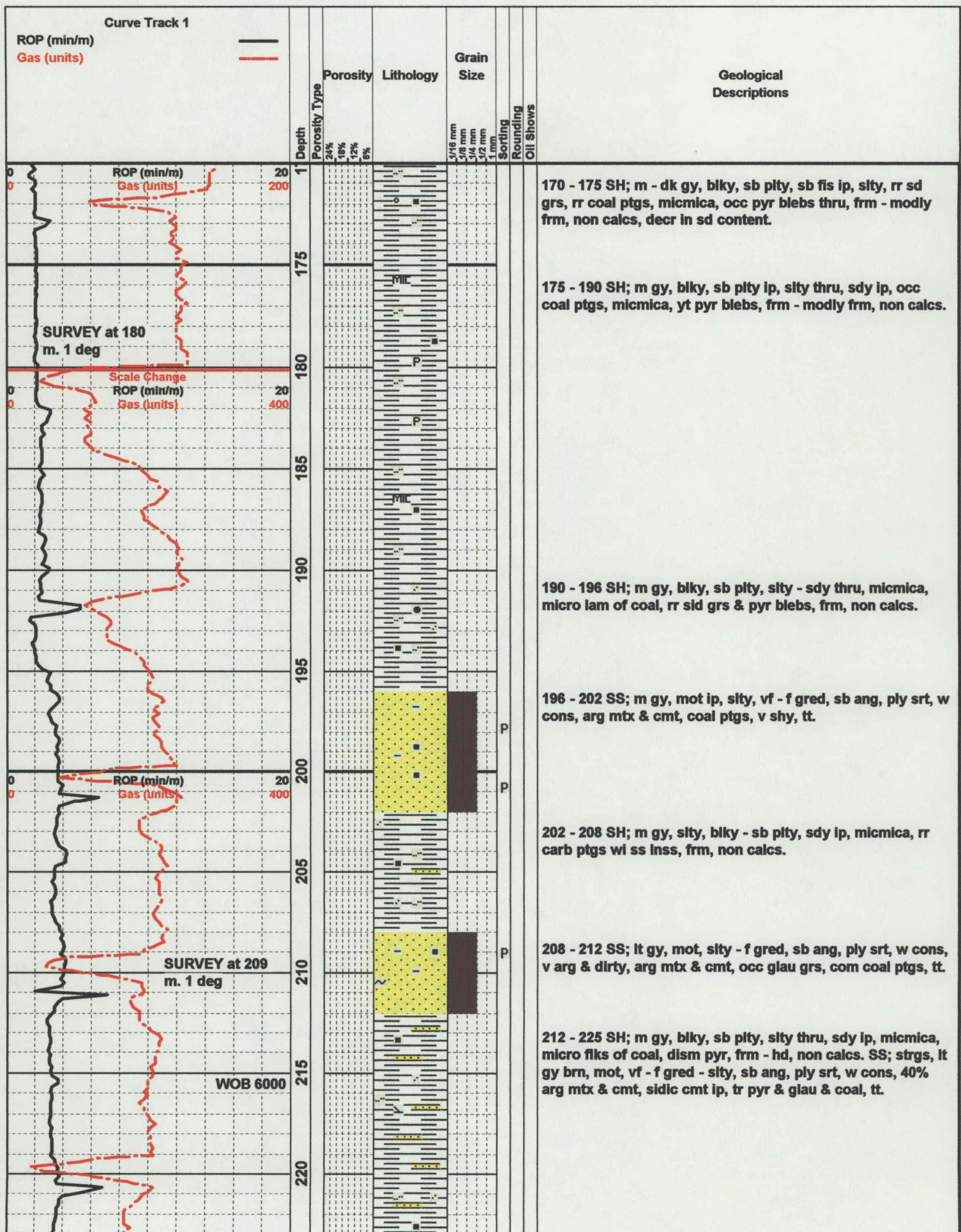
vf gred SS strgs, occ pyr blebs, occ coal ptgs, frm to modly frm, non calcs, rr glau grs, incr in sd compoments.

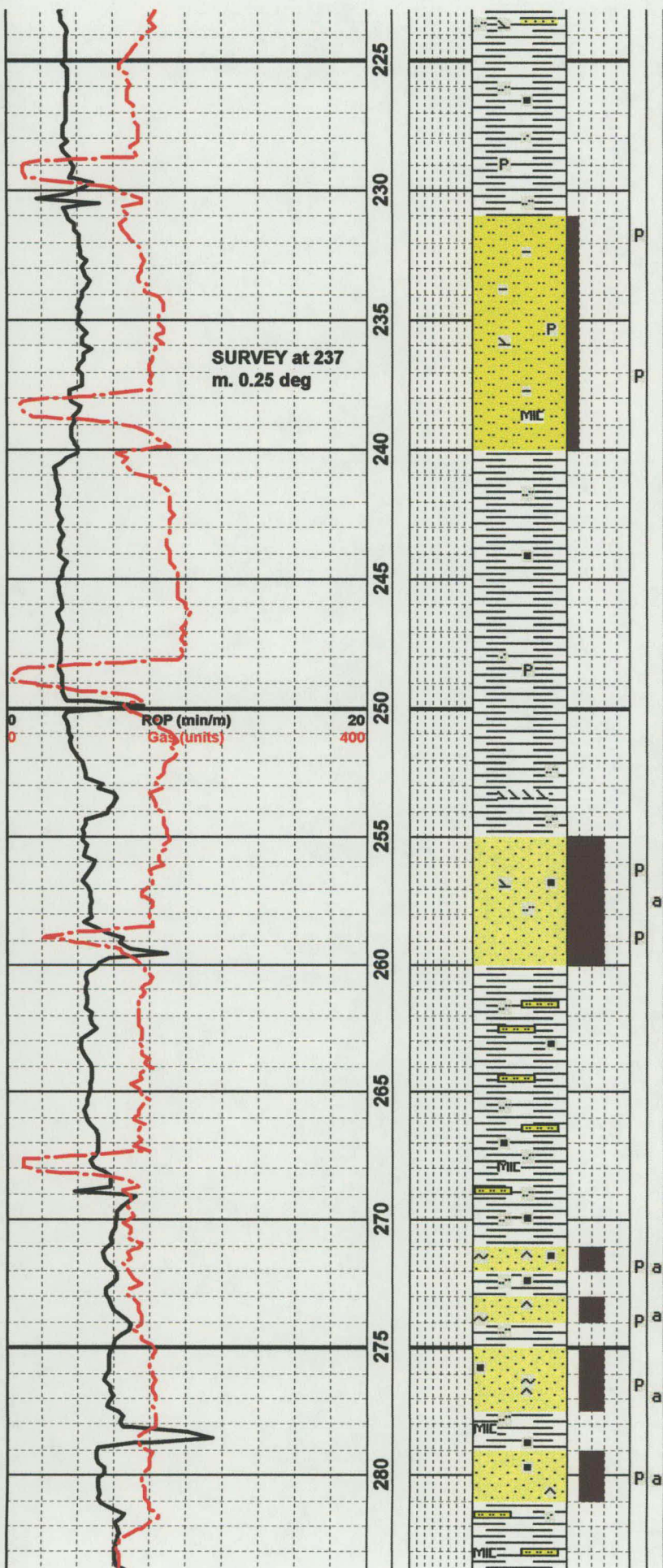
143 - 155 SS; m brn & gy brn, vf - f gred & slty, ply srt, w cons, qtzs wi 50% arg & sh mtx & cmt, coal miroc lam, tr pyr. SH; m gy mot wi lt brn, blk, sdy, occ pyr blebs, caol ptgs, frm - modly frm, non calcs, rr glau grs.

155 - 165 SH; m gy mot wi lt brn, blk - sb plty, slty thru, micmica, mnr carb micro lam, pyr blebs & strgs, frm - modly frm, non calcs, rr SS strgs aa.

165 - 170 SH; m - dk gy, mot wi brn, blk - sb plty, slty & sdy thru, micmica, occ carb micro lam, no pyr, frm - modly frm, non calcs, incr in sd content.

170 - 175 SH; m - dk gy, blk, sb plty, sb fis ip, slty, rr sd grs, rr coal ptgs, micmica, occ pyr blebs thru, frm - modly frm, non calcs, decr in sd content.





225 - 231 SH; m gy, blkly - sb plty, micmica, slty & sdy thru wi com arg sd lns, micro flks of coal, diam pyr, frm, non calcs.

231 - 240 SLTST; m gy, arg & dirty, com vf & f gred sd grs, micmica, com coal (occly as mtx for ss lns), tr pyr, sid cmt & grs, hd, tt, shy.

240 - 252 SH; m gy, blkly, micmica, slty, sly sdy, mnr coal & dism pyr, hd, non calcs.

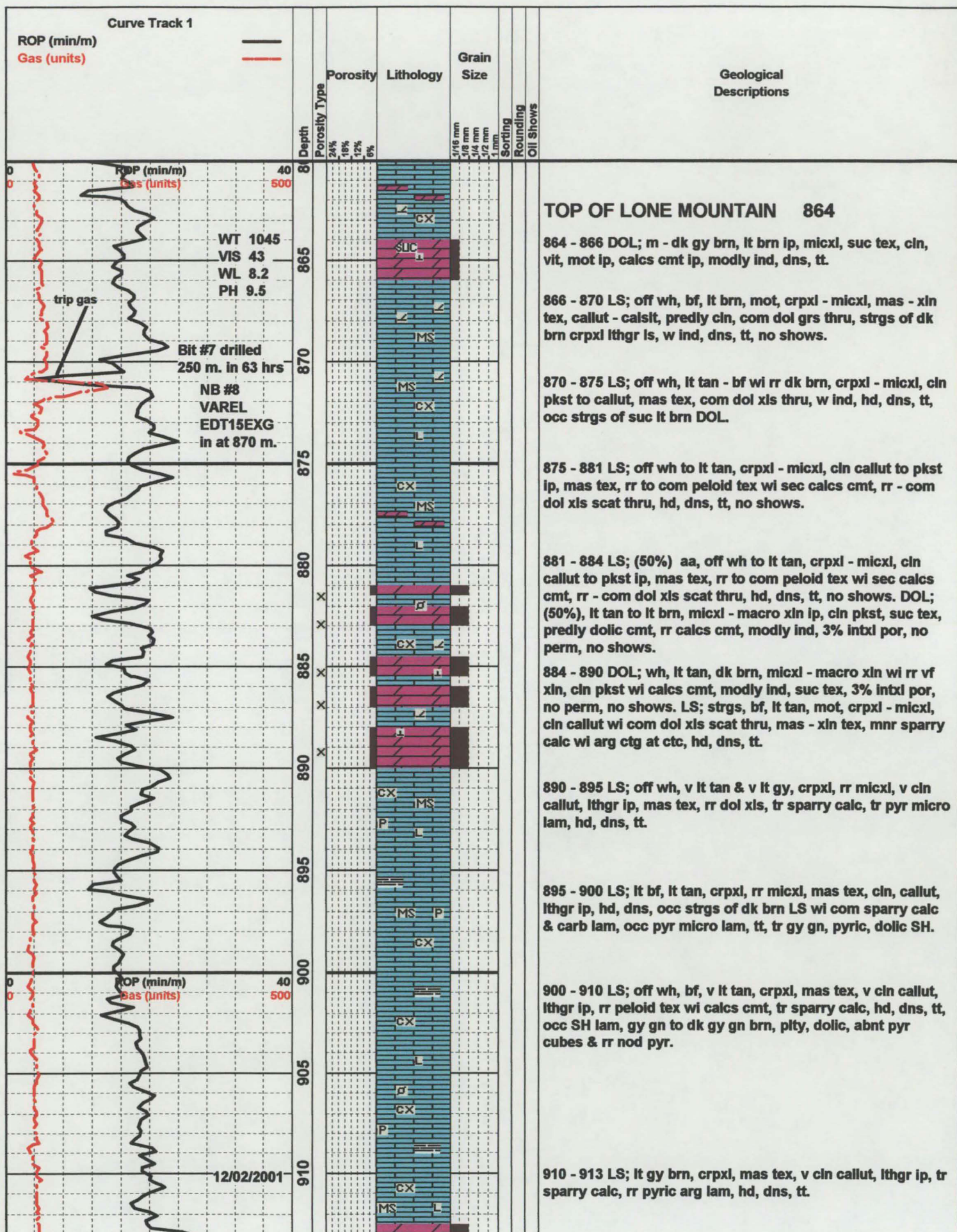
252 - 255 SH; m gy, blkly, sb ply, micmica, coal lam, dism pyr, slty & sdy, mnr lt tan SID strgs, frm, non calcs.

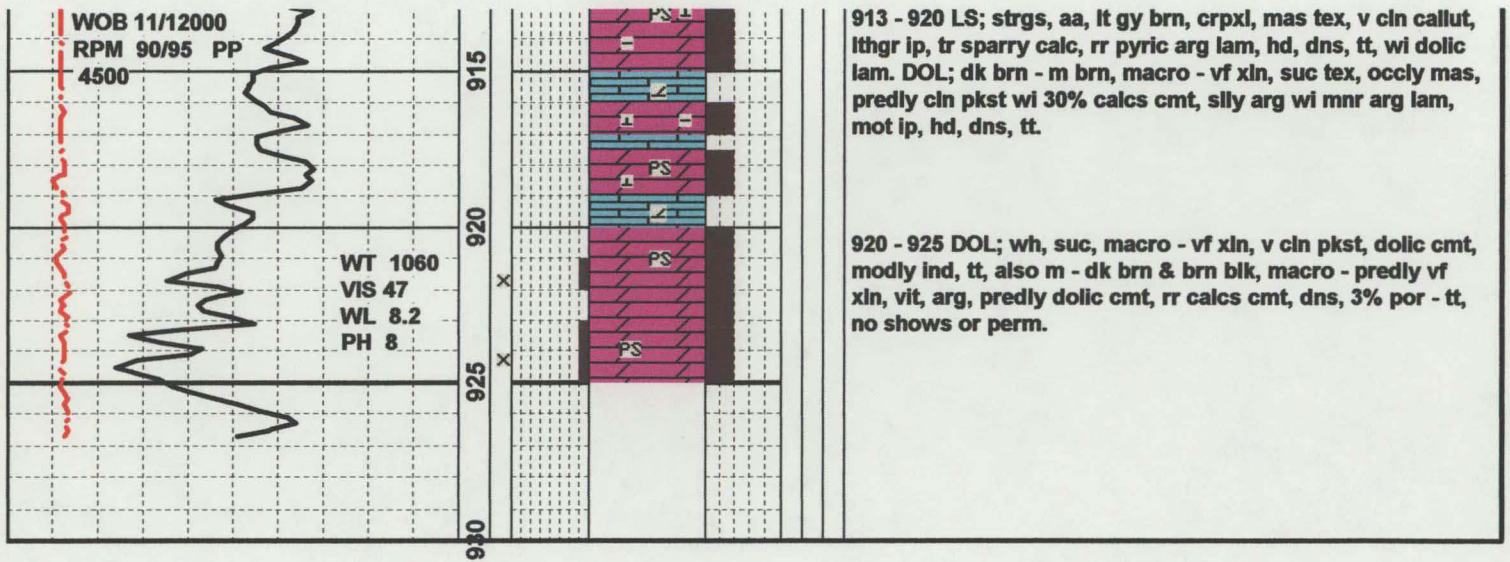
255 - 260 SS; m gy, occly mot brn, slty - f gred, sb ang, ply srt, w cons, arg & dirty, arg mtx, sidic cmt, coal ptgs & carb smear, tt.

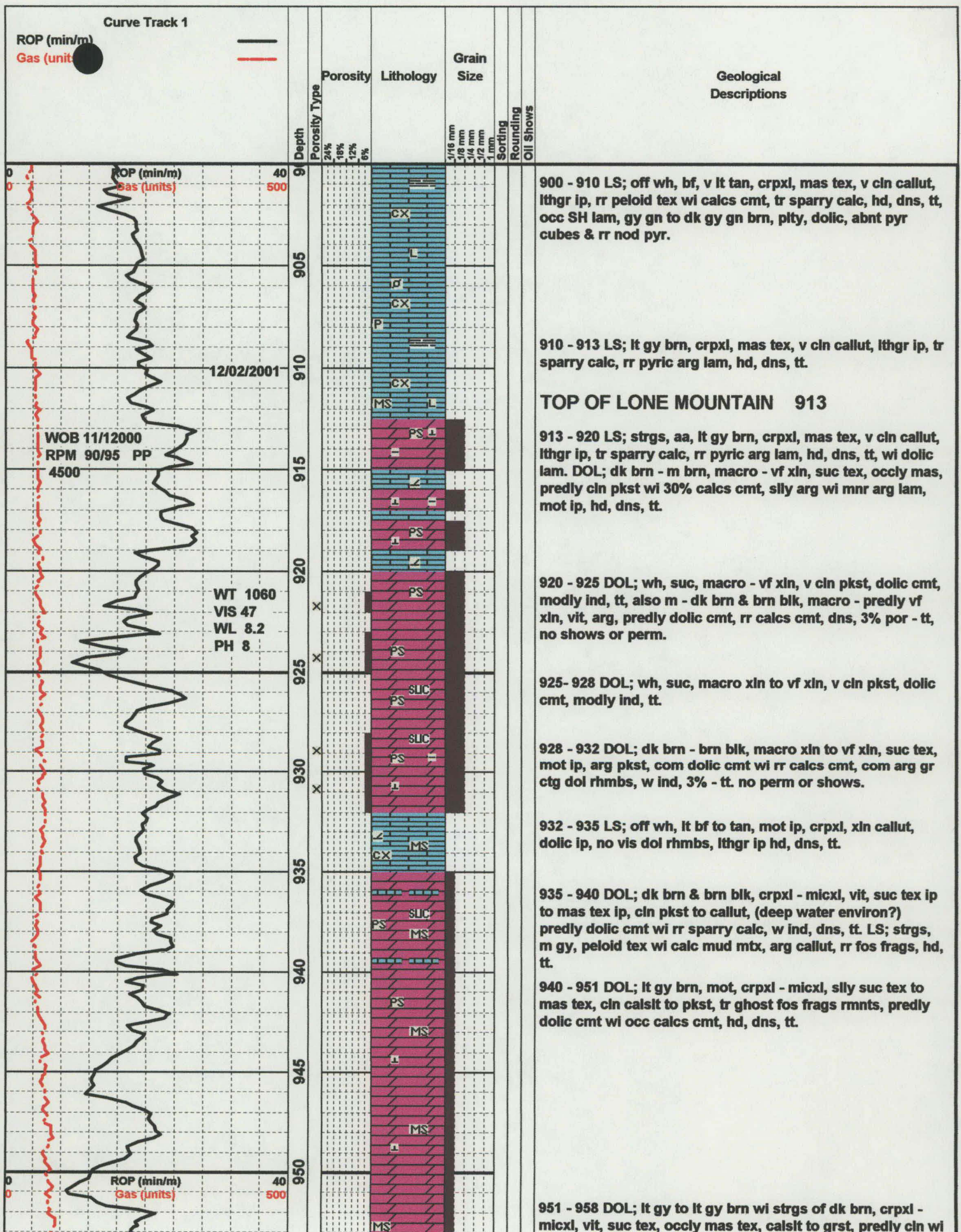
260 - 269 SH; m gy, blkly, sb plty, slty, micmica, sdy ip, carb, frm, non calcs, SLTST strgs, m gy to m gy brn, v arg & dirty, sdy thru wi fltg f sd grs, shy, tr sid grs, tt.

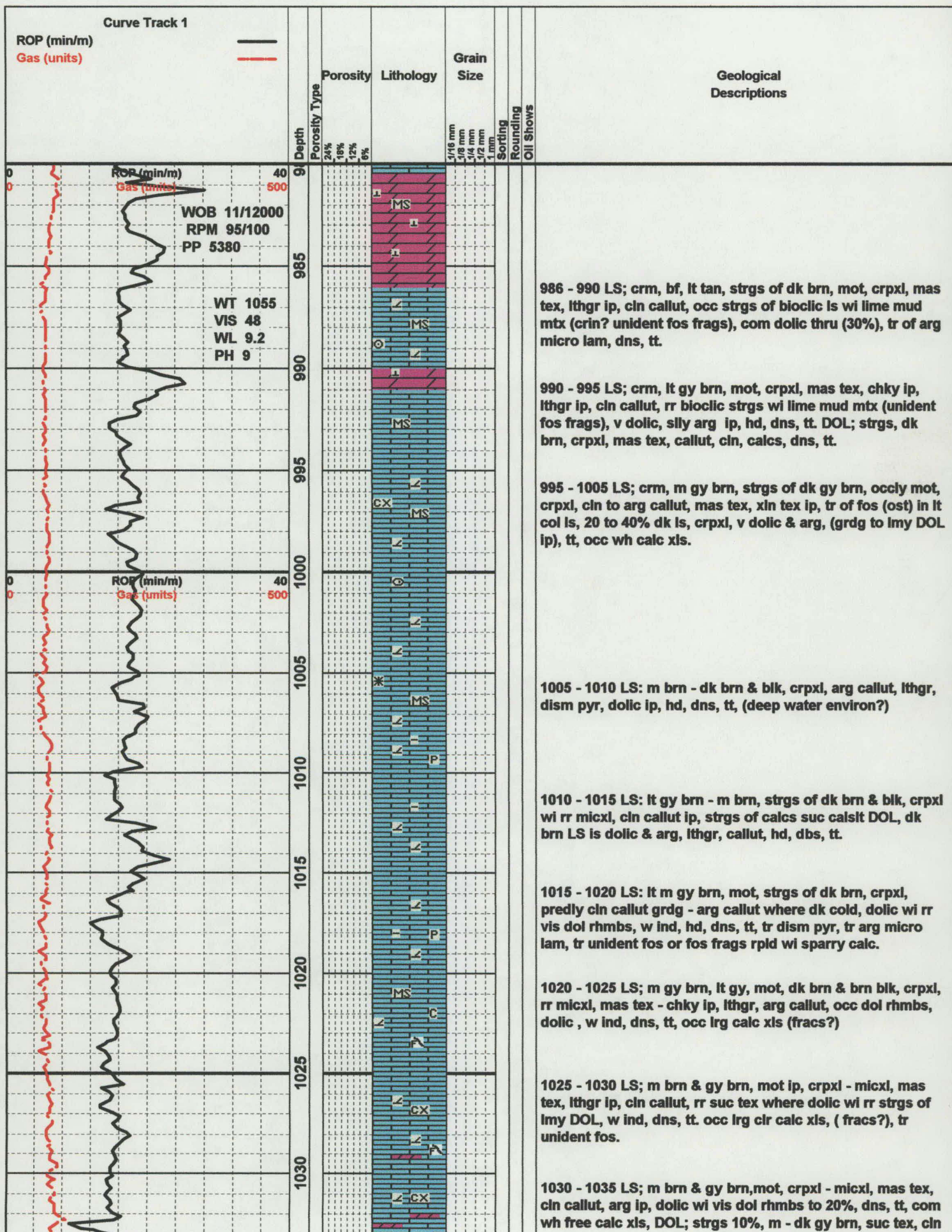
269 - 281 SH; m gy, blkly, sb plty ip, slty & sdy, micmica, sly carb, frm, non calcs. SS; lns, lt gy, s&p, clr ip, l vf to u f gred, sb ang, ply srt, w cons, qtzs, sils cmt, sly sidic ip, tr glau grs, micro vrvd coal alm, arg str thru, hd, dns, tt.

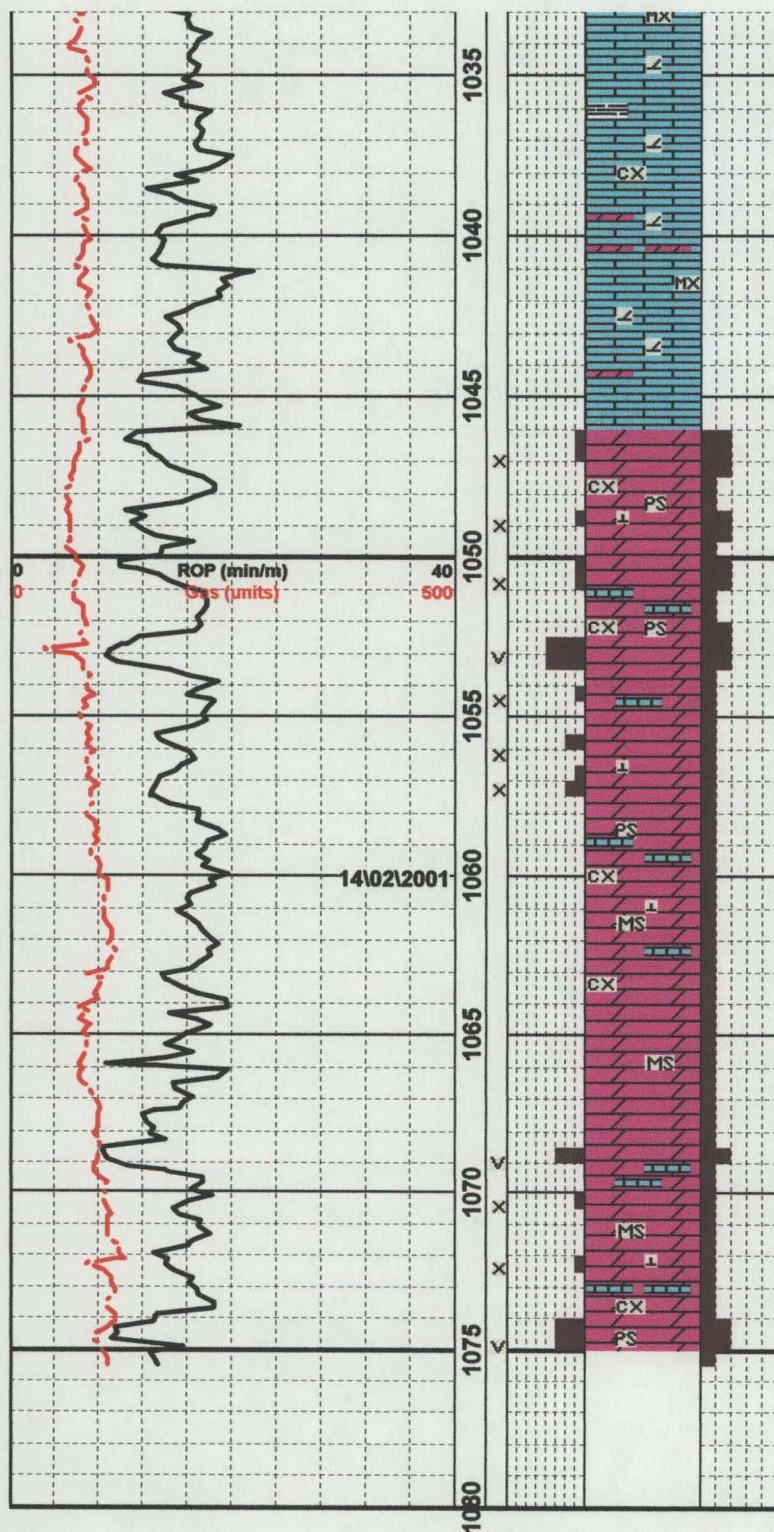
281 - 288 SH; m gy, blkly, sb plty, slty & sdy thru, micmica, sly carb, frm, noncalcs. SLTST strgs, m gy - mot lt gy, sd











calsit, calcs cmt to dolic cmt, w ind, dns, tt.

1035 - 1038 LS; m brn, mot, crpxl - micxl, mas tex, lthgr, cin callut, w ind, occ fos (crin?), occ dol rhmbs, rr - com wh calc xls, dns, tt, dk brn blk LS, crpxl, arg callut, dolc ip, w ind, hd, dns, tt, strgs of blk dolc SH.

TOP OF BEAR ROCK 1038

1038 - 1046 LS; m gy, mot - dk brn, crpxl tp micxl, cin callut, w ind, arg micro lam, dolc wi com dol rhmbs, dns, tt, DOL; strgs, m gy brn - dk brn, micxl - macro xln, calcs cmt, suc tex, calsit to pkst, w ind, dns, tt.

1046 - 1050 DOL; lt gy, vit, micxl - macro xln wi rr vf xln, suc tex, cin pkst, dolc cmt, v w ind, rr calcs cmt, hd, dns, 3% por - tt, no shows.

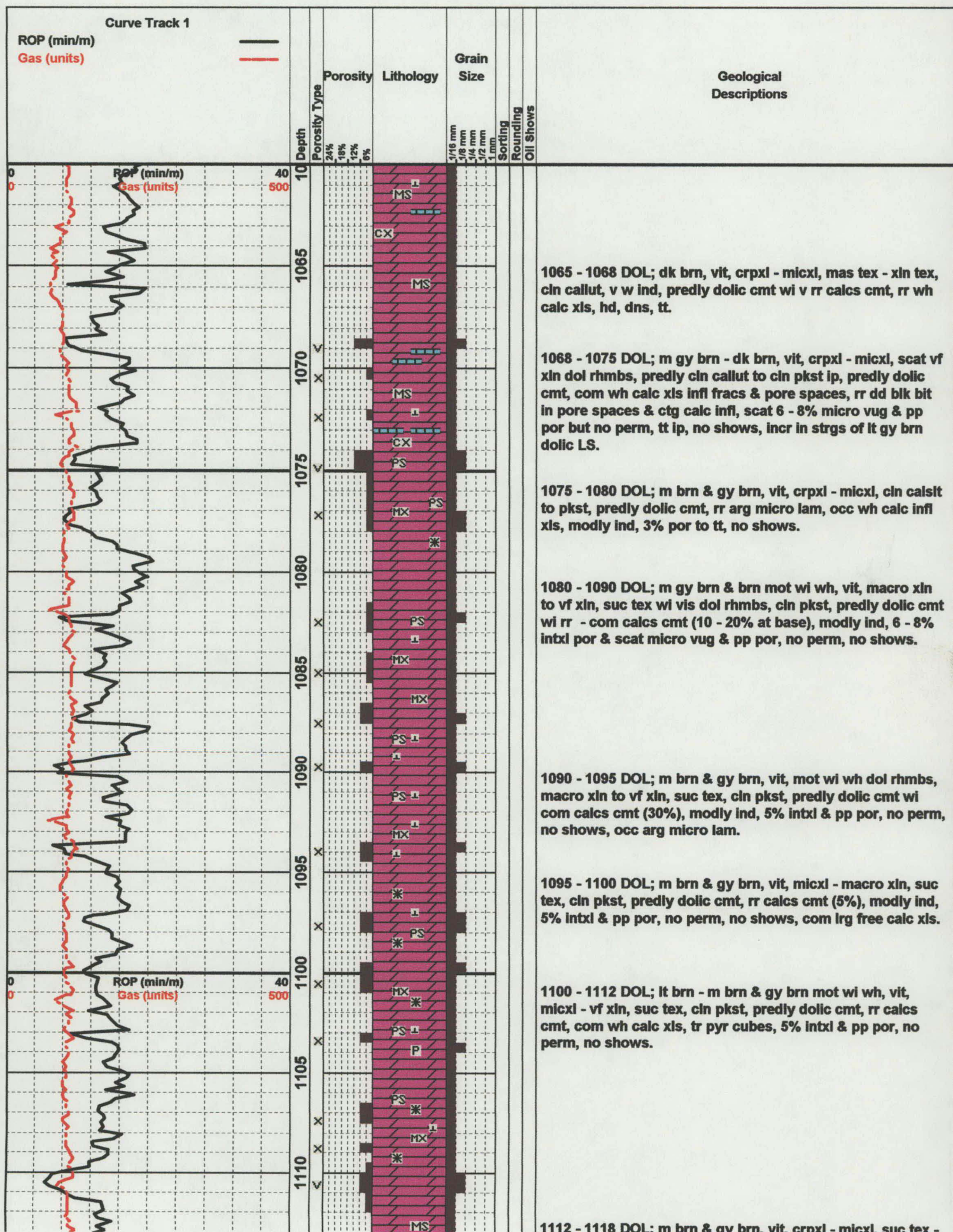
1050 - 1055 DOL; lt gy, occly m gy, vit, micxl - macro xln wi occ vf xln, suc tex, cin pkst, dolc cmt, modly ind, com calcs cmt grd to strgs of dolc LS, strgs of 12% micro vug por, predly 3% por - tt, no shows, occ lrg fracs wi wh calc xls infl.

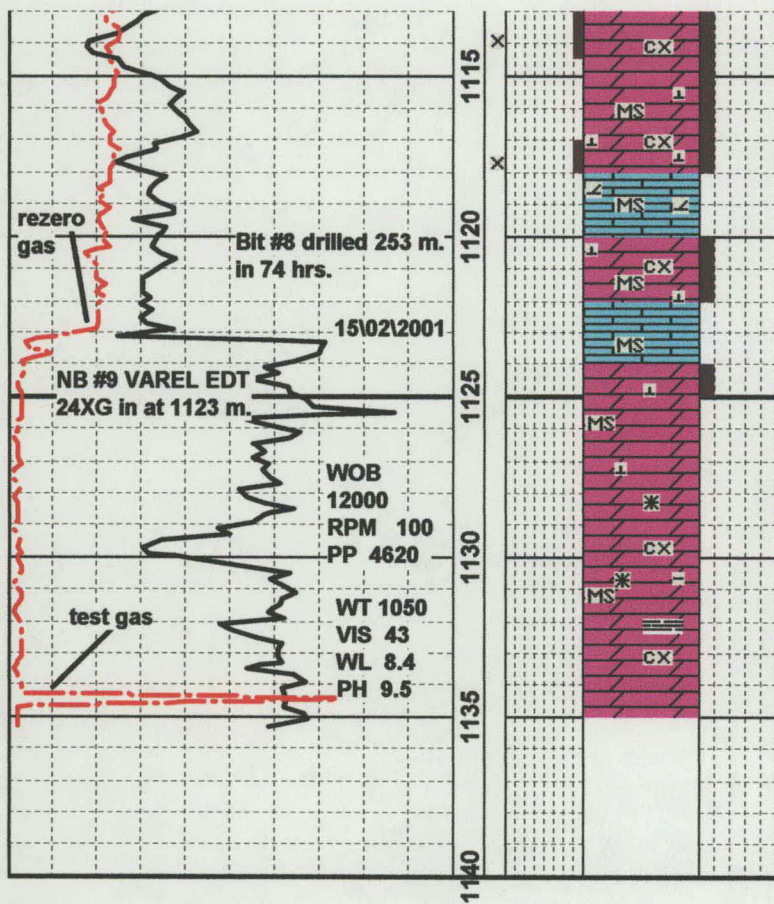
1055 - 1060 DOL; lt - m gy brn, vit, crpxl - micxl, predly mas tex grd - slyy suc tex & xln tex ip, cin pkst - calsit, predly dolc cmt but strgs wi calcs cmt grd - dolc LS ip (30%), w ind, dns, 5% por - tt, no shows.

1060 - 1065 DOL; m gy brn, predly dk brn, vit, crpxl where dk micxl where m, mas tex to suc tex ip, cin callut, v w ind, dolc cmt wi strgs of calcs cmt grd to dolc LS ip (10%), tr wh calc xls infl in fracs, bcmg slyy arg wi tr SH lam, hd, dns, tt.

1065 - 1068 DOL; dk brn, vit, crpxl - micxl, mas tex - xln tex, cin callut, v w ind, predly dolc cmt wi v rr calcs cmt, rr wh calc xls, hd, dns, tt.

1068 - 1075 DOL; m gy brn - dk brn, vit, crpxl - micxl, scat vf xln dol rhmbs, predly cin callut to cin pkst ip, predly dolc cmt, com wh calc xls infl fracs & pore spaces, rr dd blk bit in pore spaces & ctg calc infl, scat 6 - 8% micro vug & pp por but no perm, tt ip, no shows, incr in strgs of lt gy brn dolc LS.



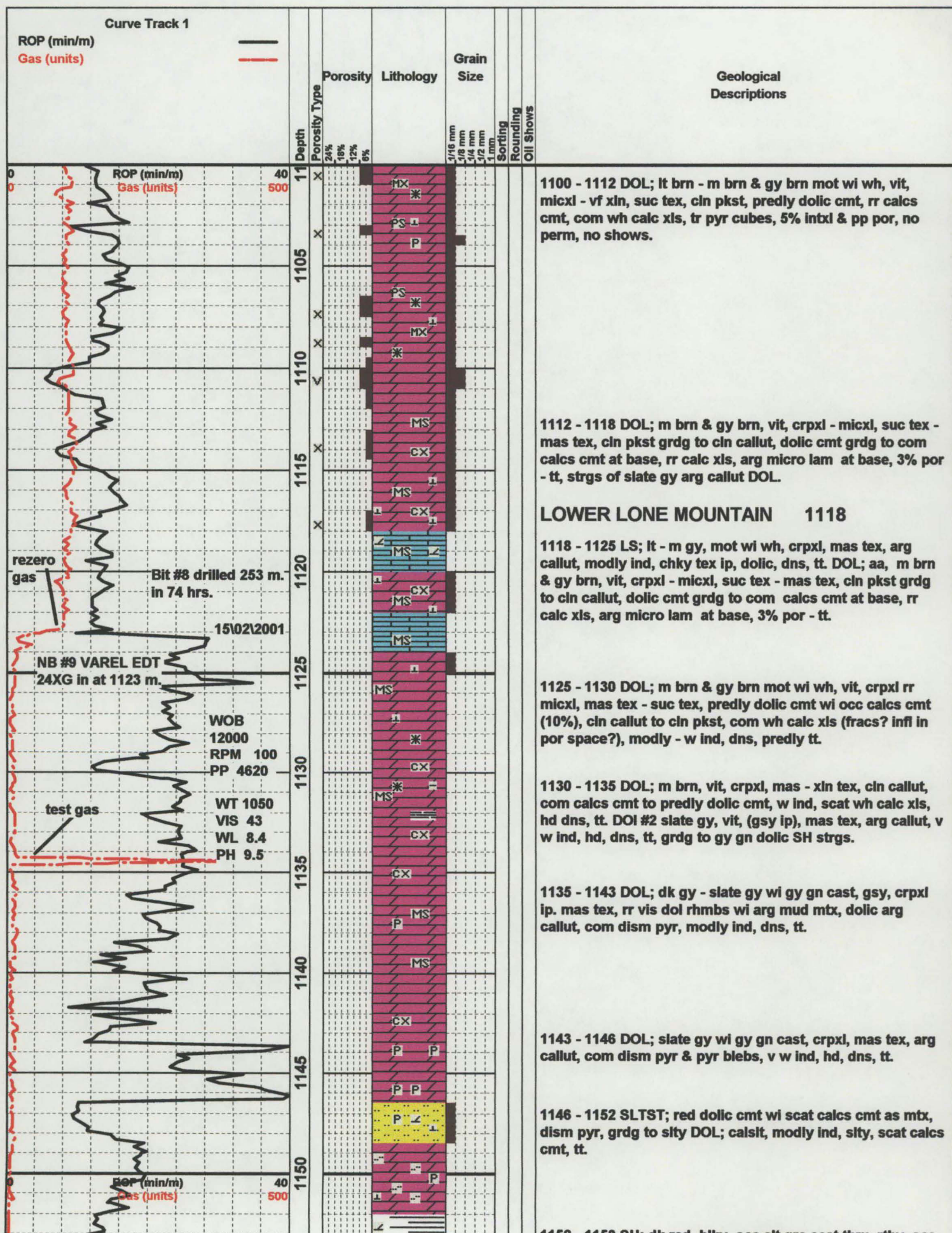


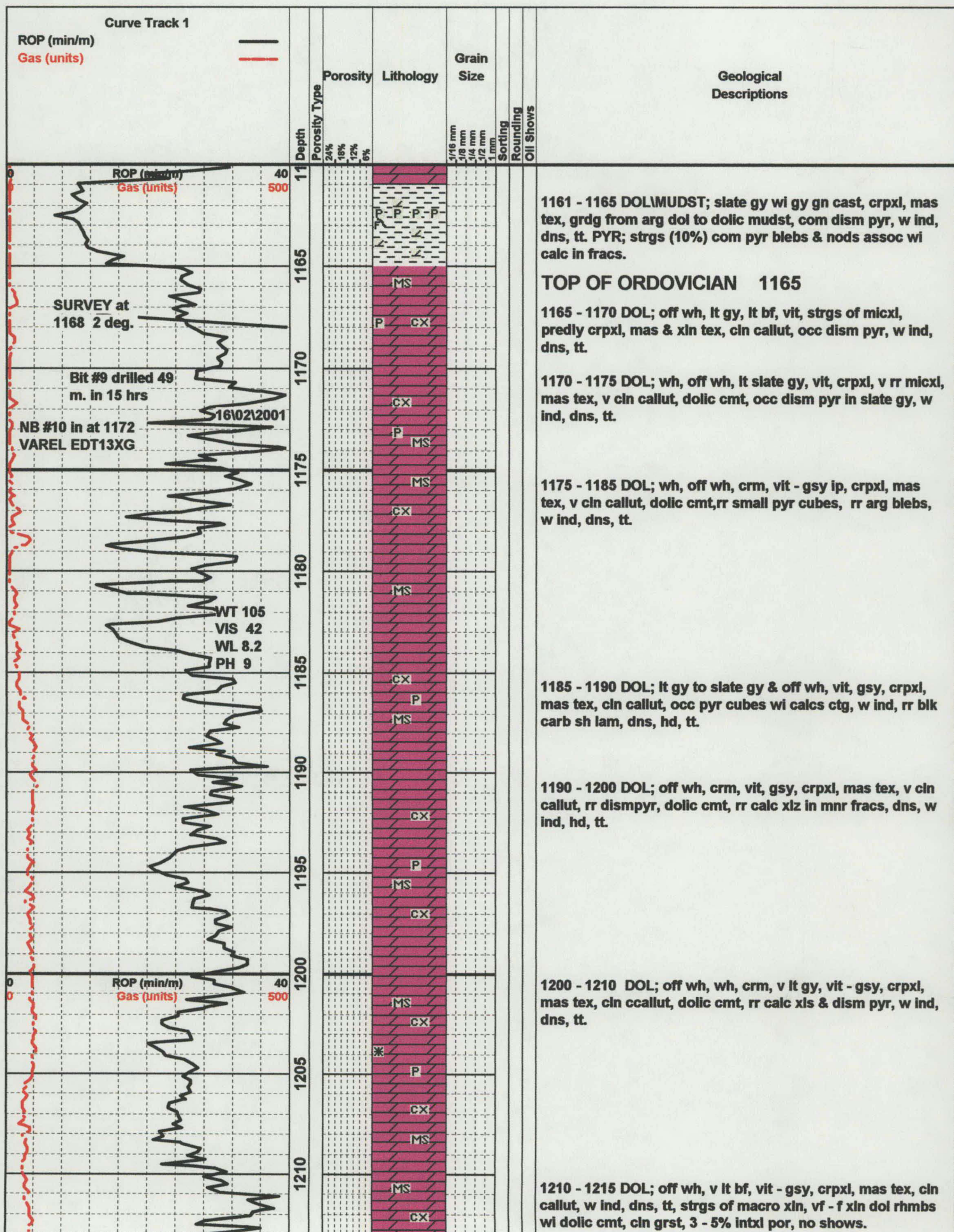
mas tex, cln pkst grdg to cln callut, dolc cmt grdg to com calcs cmt at base, rr calc xls, arg micro lam at base, 3% por - tt, strgs of slate gy arg callut DOL.

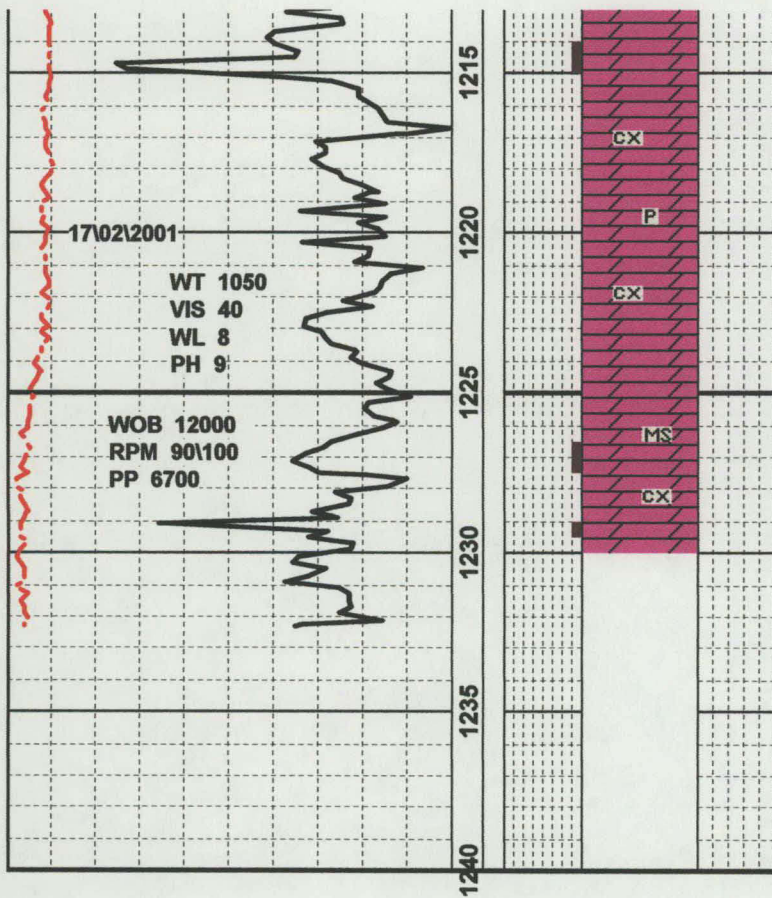
1118 - 1125 LS; lt - m gy, mot wi wh, crpxl, mas tex, arg callut, modly ind, chky tex ip, dolc, dns, tt.

1125 - 1130 DOL; m brn & gy brn mot wi wh, vit, crpxl rr micxl, mas tex - suc tex, predly dolc cmt wi occ calcs cmt (10%), cln callut to cln pkst, com wh calc xls (fracs? Infl in por space?), modly - w ind, dns, predly tt.

1130 - 1135 DOL; m brn, vit, crpxl, mas - xln tex, cln callut, com calcs cmt to predly dolc cmt, w ind, scat wh calc xls, hd dns, tt. DOI #2 slate gy, vit, (grsy lp), mas tex, arg callut, v w ind, hd, dns, tt, grdg to gy gn dolc SH strgs.

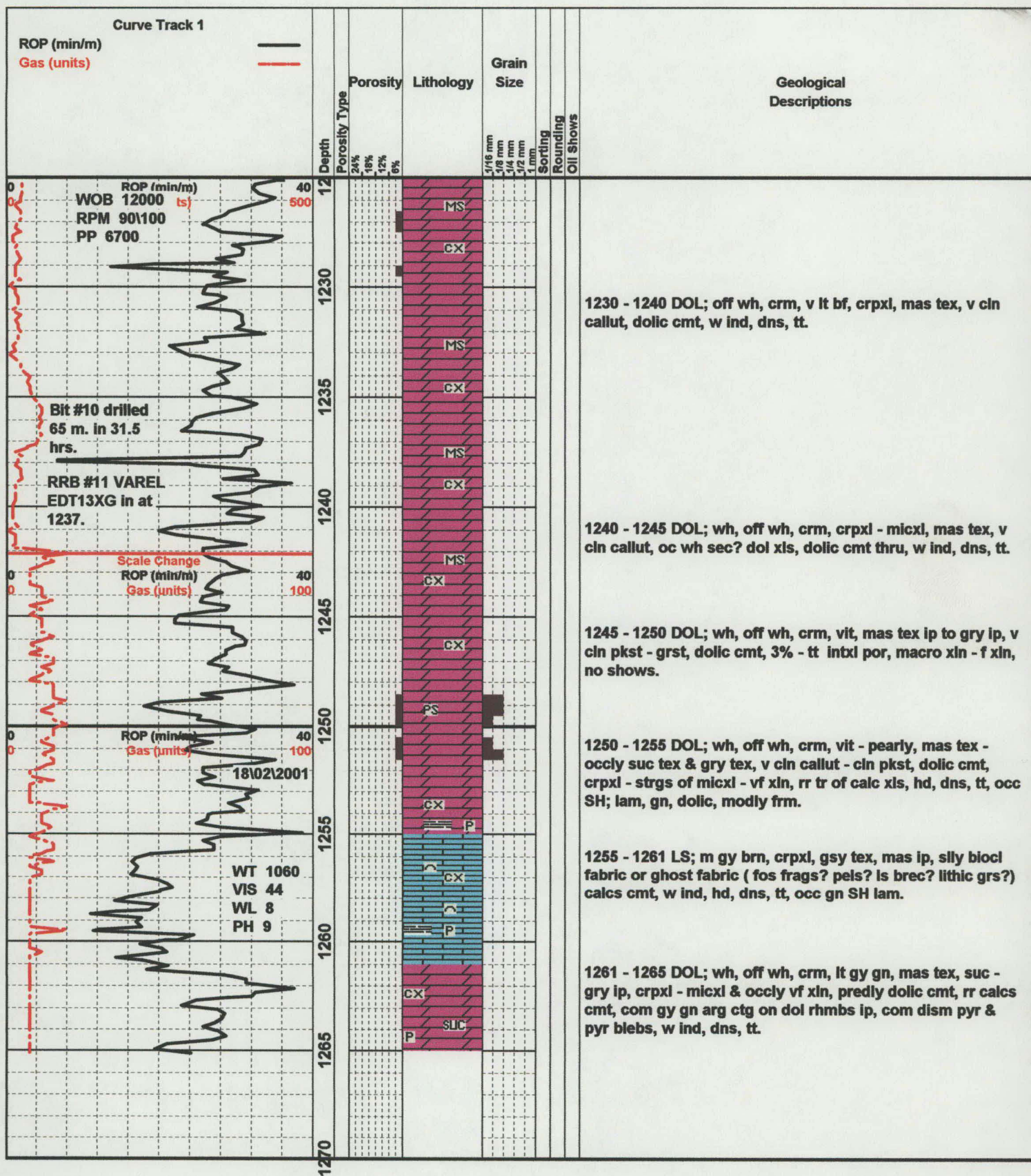


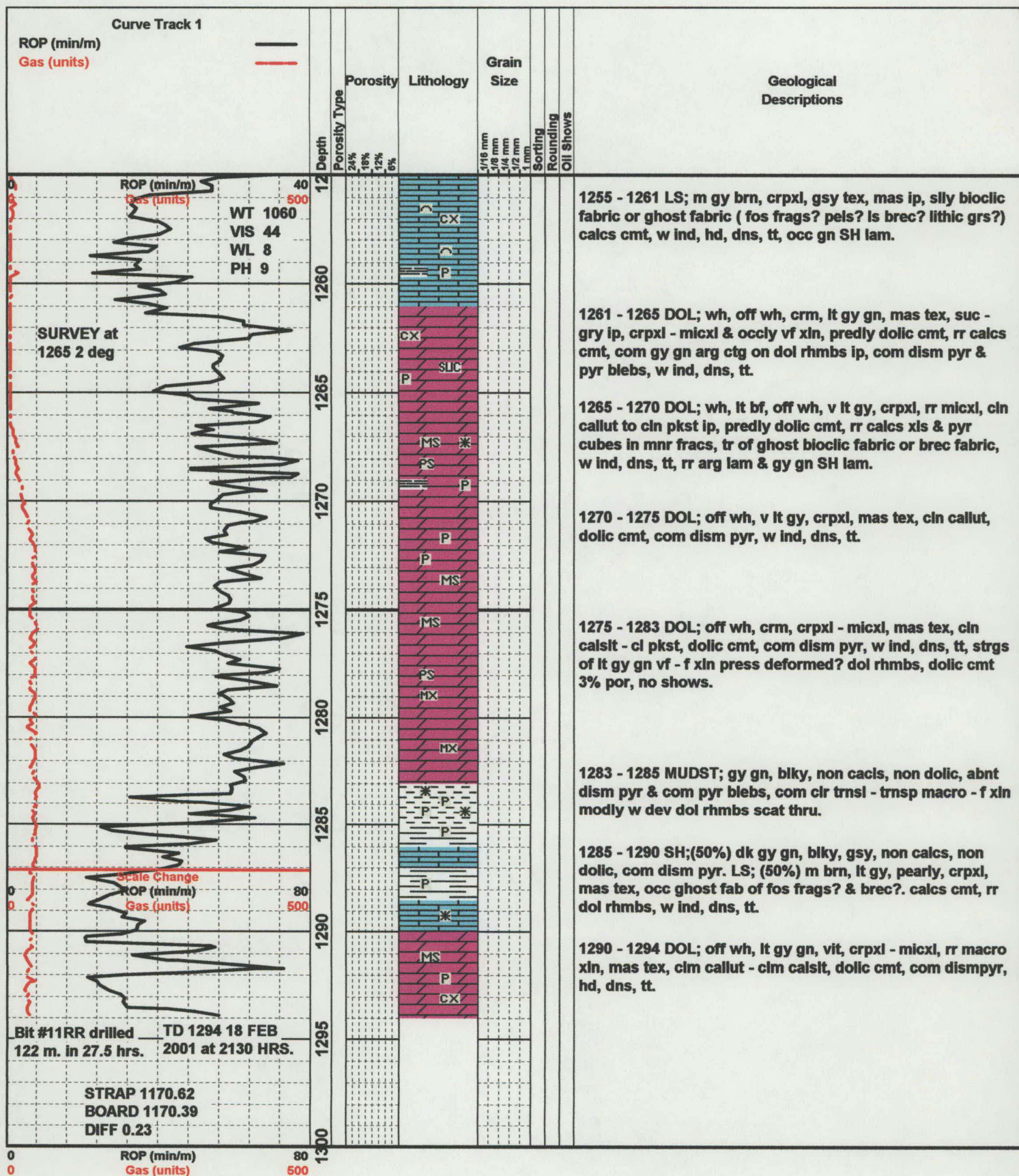




1215 - 1225 DOL; off wh, crm, v lt bf, crpxl, mas tex, v cln
callut, dolc cmt, occ dism pyr, hd, dns, w ind, tt.

1225 - 1230 DOL; wh, clr, crm, v lt gy, crpxl, mas tex, v cln
ccallut, dolc cmt, w ind, hd, dns, tt, strgs of com v lt gy vf -
f xln DOL, dolc cmt, ply dev rhmbs (pressure deformed?) 3
- 5% intxl por, modly ind, occ dism pyr & rr arg xl ctg.







DEVLAN
EXPLORATION INC.

TRANSMITTAL

DATE: February 20, 2001

TO: Chris Knoechel, P.ENG

RE: Strip Logs & Geological Report

Please find enclosed one (1) copy of each:

Strip Logs for February 17, 18, 19 & 20

Geological Reports for February 17, 18, 19 & 20

Please note this well is under a tight hole status
All information enclosed is confidential

A copy of this transmittal will be kept in our files.

If you have any questions regarding the above, please contact

KRISTI SINCLAIR at 233-7778 Ext. 0.

Thank You.

DAILY GEOLOGICAL REPORT

#REF!

WELL NAME			LOCATION		OPERATOR		RIG	
DEVLAN ET AL TREE RIVER			SECTION 10 N67 19'14" W1		DEVLAN EXPLORATION INC		AKITA 14	
DATE	REPORT TIME	REPORTING TO		GEOLOGIST		RIG PHONE	MY CELL	TEMP
17-Feb-01	800	SCOTT PATTERSON		KEITH ROBERTSON		997 2529	SAME	
K.B.(m)	G.L.(m)	K.B.-G.L. (m)	SPUD DATE	DAY No.	FORMATION		CURRENT CONDITIONS	
108.1	104	4.1	28-Jan-01	20	ORDOVICIAN		CLEAR, COLD	

CURRENT DATA

DEPTHS:	CURRENT	LAST REPORT	PROG.	BIT#	MAKE	TYPE	IN AT	METERS	TOTAL BIT HRS
0600 hrs	1232	1184	48	10	VAREL	EDT13 XG	1172	60	30.5
DRILLING FLUID	DEN (kg/m ³)	VISCOSITY	WATER LOSS	pH	CHLOR. (ppm)	HRS DRLG	AVG ROP (m/hr)		
GEL CHEM	1050	42	8.2	9	600	23.25	2.1		

OPERATIONS SUMMARY FOR PAST 24 HOURS

DRILL AHEAD

OPERATIONS FORECAST

DRILL AHEAD

SURVEYS

DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.

GAS REPORT

BACKGROUND TOTAL GAS (UNITS, 100u = 1%)						GAS SHOWS (UNITS, 100u = 1%)					
FROM	TO	ROP	AVG	MAX	GROSS LITHOLOGY	FROM	TO	MAX	PREV.	LITHOLOGY	
1180	1230	10\40mi	30	50	Dolomite						

FORMATION/MARKER TOPS

FORMATION/MARKER	PROGNOSIS		SAMPLE		FORMATION/MARKER	PROGNOSIS		SAMPLE	
	MD	SS	MD	SS		MD	SS	MD	SS
GLACIAL GRAVEL		108.1	5.0	183.2	#REF!		108.1		
IMPERIAL	5.0	103.1	40.0	148.2	#REF!		108.1		
#REF!		108.1			FORT CREEK	138.0	-29.9		
#REF!		108.1			RAMPARTS (HUME)	572.0	-463.9		
#REF!		108.1			GOSSAGE	661	-552.9		
#REF!		108.1			LONE MOUNTAIN	913.0	-804.9		
#REF!		108.1			BEAR ROCK	1038.0	-929.9		
#REF!		108.1			LOWER LONE MTN	1118.0	-1009.9		
#REF!		108.1			ORDOVICIAN	1165.0	-1056.9		
#REF!		108.1			TD	0.0	108.1		
#REF!		108.1							

COMMENTS & REMARKS

Most of this Dolomite is tight but there are stringers of very fine to fine crystalline dolomite with dolomitic cement. These stringers have a small amount of intercrystalline porosity but no shows of any type.

DAILY GEOLOGICAL REPORT

#REF!

WELL NAME			LOCATION		OPERATOR		RIG	
DEVLAN ET AL TREE RIVER			SECTION 10 N67 19'14" W1		DEVLAN EXPLORATION INC		AKITA 14	
DATE	REPORT TIME	REPORTING TO		GEOLOGIST		RIG PHONE	MY CELL	TEMP
18-Feb-01	800	SCOTT PATTERSON		KEITH ROBERTSON		997 2529	SAME	
K.B.(m)	G.L.(m)	K.B.-G.L. (m)		SPUD DATE	DAY No.	FORMATION	CURRENT CONDITIONS	
108.1	104	4.1		28-Jan-01	21	ORDOVICIAN	CLEAR, COLD	

CURRENT DATA

DEPTHS:	CURRENT	LAST REPORT	PROG.	BIT#	MAKE	TYPE	IN AT	METERS	TOTAL BIT HRS
0600 hrs	1266	1232	34	10	VAREL	EDT13 XG	1172	94	45.75
DRILLING FLUID	DEN (kg/m^3)	VISCOSITY	WATER LOSS	pH	CHLOR. (ppm)	HRS DRLG	AVG ROP (m/hr)		
GEL CHEM	1060	44	8	9	600	15.25	2.2		

OPERATIONS SUMMARY FOR PAST 24 HOURS

TRIP FOR PLUGGED JETS; DRILL AHEAD

OPERATIONS FORECAST

DRILL AHEAD

SURVEYS

DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.

GAS REPORT

BACKGROUND TOTAL GAS (UNITS, 100u = 1%)						GAS SHOWS (UNITS, 100u = 1%)				
FROM	TO	ROP	AVG	MAX	GROSS LITHOLOGY	FROM	TO	MAX	PREV.	LITHOLOGY
1230	1266	10\40mi	10	20	Dolomite, Limestone.					

FORMATION/MARKER TOPS

FORMATION/MARKER	PROGNOSIS		SAMPLE		FORMATION/MARKER	PROGNOSIS		SAMPLE	
	MD	SS	MD	SS		MD	SS	MD	SS
GLACIAL GRAVEL		108.1	5.0	183.2	#REF!		108.1		
IMPERIAL	5.0	103.1	40.0	148.2	#REF!		108.1		
#REF!		108.1			FORT CREEK	138.0	-29.9		
#REF!		108.1			RAMPARTS (HUME)	572.0	-463.9		
#REF!		108.1			GOSSAGE	661	-552.9		
#REF!		108.1			LONE MOUNTAIN	913.0	-804.9		
#REF!		108.1			BEAR ROCK	1038.0	-929.9		
#REF!		108.1			LOWER LONE MTN	1118.0	-1009.9		
#REF!		108.1			ORDOVICIAN	1165.0	-1056.9		
#REF!		108.1			TD	0.0	108.1		
#REF!		108.1							

COMMENTS & REMARKS

DAILY GEOLOGICAL REPORT

#REF!

WELL NAME			LOCATION		OPERATOR		RIG	
DEVLAN ET AL TREE RIVER			SECTION 10 N67 19'14" W1		DEVLAN EXPLORATION INC		AKITA 14	
DATE	REPORT TIME	REPORTING TO		GEOLOGIST		RIG PHONE	MY CELL	TEMP
20-Feb-01	800	SCOTT PATTERSON		KEITH ROBERTSON		997 2529	SAME	
K.B.(m)	G.L.(m)	K.B.-G.L. (m)	SPUD DATE	DAY No.	FORMATION		CURRENT CONDITIONS	
108.1	104	4.1	28-Jan-01	23	ORDOVICIAN		CLEAR, COOL	

CURRENT DATA

DEPTHS:	CURRENT	LAST REPORT	PROG.	BIT#	MAKE	TYPE	IN AT	METERS	TOTAL BIT HRS
0600 hrs	1294	1294	0	10	VAREL	EDT13 XG	1172	122	58.75
DRILLING FLUID	DEN (kg/m^3)	VISCOSITY	WATER LOSS	pH	CHLOR. (ppm)	HRS DRLG		AVG ROP (m/hr)	
GEL CHEM	1060	44	8	9	600	13		0.0	

OPERATIONS SUMMARY FOR PAST 24 HOURS

LOG, CONDITION HOLE, POOH SIDEWAYS, RUN CASING

OPERATIONS FORECAST

CEMENT CASING

SURVEYS

DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.

GAS REPORT

BACKGROUND TOTAL GAS (UNITS, 100u = 1%)						GAS SHOWS (UNITS, 100u = 1%)					
FROM	TO	ROP	AVG	MAX	GROSS LITHOLOGY	FROM	TO	MAX	PREV.	LITHOLOGY	

FORMATION/MARKER TOPS

FORMATION/MARKER	PROGNOSIS		SAMPLE		FORMATION/MARKER	PROGNOSIS		SAMPLE	
	MD	SS	MD	SS		MD	SS	MD	SS
GLACIAL GRAVEL		108.1	5.0	183.2	#REF!		108.1		
IMPERIAL	5.0	103.1	40.0	148.2	#REF!		108.1		
#REF!		108.1			FORT CREEK	138.0	-29.9		
#REF!		108.1			RAMPARTS (HUME)	572.0	-463.9		
#REF!		108.1			GOSSAGE	661	-552.9		
#REF!		108.1			LONE MOUNTAIN	913.0	-804.9		
#REF!		108.1			BEAR ROCK	1038.0	-929.9		
#REF!		108.1			LOWER LONE MTN	1118.0	-1009.9		
#REF!		108.1			ORDOVICIAN	1165.0	-1056.9		
#REF!		108.1			TD	1294.0	-1185.9		
#REF!		108.1							

COMMENTS & REMARKS

I will try and email the full log to Larry sometime to day. It is a big file so will take some time.

I am going to use the DATASAVE method so you will have to give him your password to open it.

Do you have the new location for the next well? I remember that you had told me the location was changed from the info we have.

FORMATION TOPS

DEVLAN ET AL TREE RIVER
SECTION 10 N67 19'14" W131 45' 30"

K.B.(m): 108.10 G.L.(m): 104.00

<i>FORMATION</i>	<i>PROGNOSIS</i>		<i>SAMPLE</i>		<i>LOG</i>	
	<i>MD(m)</i>	<i>SS(m)</i>	<i>MD(m)</i>	<i>SS(m)</i>	<i>MD(m)</i>	<i>SS(m)</i>
GLACIAL GRAVEL		185.0	5.0	103.1	5.0	103.1
IMPERIAL		185.0	40.0	68.1	45.0	63.1
FORT CREEK	23.1	85.0	138.0	-29.9	101.0	7.1
RAMPARTS (HUME)	608.2	-420.2	572.0	-463.9	577.0	-468.9
GOSSAGE	688.2	-500.0	661.0	-552.9	660.5	-552.4
LONE MOUNTAIN	783.1	-675.0	913.0	-804.9	912.0	-803.9
BEAR ROCK	1013.0	-825.0	1038.0	-929.9	1042.0	-933.9
LOWER LONE MTN			1118.0	-1009.9	1114.0	-1005.9
ORDOVICIAN	1208.1	-1100.0	1165.0	-1056.9	1163.0	-1054.9
TD	1423.1	-1315.0	1294.0	-1185.9	1293.2	-1185.1



**DEVLAN
EXPLORATION INC.**

TRANSMITTAL

DATE: February 16, 2001

TO: Chris Knoechel

RE: Strip Log & Geological Report

Please find enclosed one (1) copy of each:

(1) Strip Log for February 16, 2001

(1) Geological Report for February 16, 2001

Please note this well is on a tight hole status this
this information is strictly confidential

A copy of this transmittal will be kept in our files.

If you have any questions regarding the above, please contact

KRISTI SINCLAIR at 233-7778 Ext. 0.

Thank You.

DAILY GEOLOGICAL REPORT

#REF!

WELL NAME			LOCATION		OPERATOR		RIG	
DEVLAN ET AL TREE RIVER			SECTION 10 N67 19'14" W1		DEVLAN EXPLORATION INC		AKITA 14	
DATE	REPORT TIME	REPORTING TO		GEOLOGIST		RIG PHONE	MY CELL	TEMP
16-Feb-01	800	SCOTT PATTERSON		KEITH ROBERTSON		997 2529	SAME	
K.B.(m)	G.L.(m)	K.B.-G.L. (m)		SPUD DATE	DAY No.	FORMATION	CURRENT CONDITIONS	
108.1	104	4.1		28-Jan-01	19	ORDOVICIAN	CLEAR, COOL	

CURRENT DATA

DEPTHS:	CURRENT	LAST REPORT	PROG.	BIT#	MAKE	TYPE	IN AT	METERS	TOTAL BIT HRS
0600 hrs	1184	1137	47	10	VAREL	EDT13 XG	1172	12	5.25
DRILLING FLUID	DEN (kg/m^3)	VISCOSITY	WATER LOSS	pH	CHLOR. (ppm)	HRS DRLG	AVG ROP (m/hr)		
GEL CHEM	1050	42	8.2	9	600	15	3.1		

OPERATIONS SUMMARY FOR PAST 24 HOURS

TRIP FOR BIT; DRILL AHEAD

OPERATIONS FORECAST

DRILL AHEAD

SURVEYS

DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.
1168	2.°													

GAS REPORT

BACKGROUND TOTAL GAS (UNITS, 100u = 1%)						GAS SHOWS (UNITS, 100u = 1%)					
FROM	TO	ROP	AVG	MAX	GROSS LITHOLOGY	FROM	TO	MAX	PREV.	LITHOLOGY	
1135	1180	840min	10	24	Limestone, Dolomite,						
					Siltstone, Mudstone						

FORMATION/MARKER TOPS

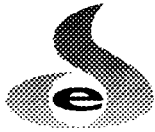
FORMATION/MARKER	PROGNOSIS		SAMPLE		FORMATION/MARKER	PROGNOSIS		SAMPLE	
	MD	SS	MD	SS		MD	SS	MD	SS
GLACIAL GRAVEL		108.1	5.0	183.2	#REF!		108.1		
IMPERIAL	5.0	103.1	40.0	148.2	#REF!		108.1		
#REF!		108.1			FORT CREEK	138.0	-29.9		
#REF!		108.1			RAMPARTS (HUME)	572.0	-463.9		
#REF!		108.1			GOSSAGE	661	-552.9		
#REF!		108.1			LONE MOUNTAIN	913.0	-804.9		
#REF!		108.1			BEAR ROCK	1038.0	-929.9		
#REF!		108.1			LOWER LONE MTN	1118.0	-1009.9		
#REF!		108.1			ORDOVICIAN	1165.0	-1056.9		
#REF!		108.1			TD	0.0	108.1		
#REF!		108.1							

COMMENTS & REMARKS

The mudman tells me that the red beds were slightly anhydritic but not enough to screw up the mud.

I think we are into the Ronning\Ordovician at 1165 m.

It does not appear to be the Lone Mountain any more.



DEVLAN
EXPLORATION INC.

Privileged & Confidential

TRANSMITTAL

DATE: February 15, 2001

TO: Chris Knoechel

RE: Geological Report & Strip Logs

Please find enclosed one (1) copy of each:

(1) Geological Report for February 15, 2001

(1) Strip Log for February 15, 2001

Please note this well is under tight hole status, all information is confidential

A copy of this transmittal will be kept in our files.

If you have any questions regarding the above, please contact

KRISTI SINCLAIR at 233-7778 Ext. 0.

Thank You.

DAILY GEOLOGICAL REPORT

#REF!

WELL NAME			LOCATION		OPERATOR		RIG	
DEVLAN ET AL TREE RIVER			SECTION 10 N67 19'14" W1		DEVLAN EXPLORATION INC		AKITA 14	
DATE	REPORT TIME	REPORTING TO		GEOLOGIST		RIG PHONE	MY CELL	TEMP
15-Feb-01	800	SCOTT PATTERSON		KEITH ROBERTSON		997 2529	SAME	
K.B.(m)	G.L.(m)	K.B.-G.L. (m)	SPUD DATE	DAY No.	FORMATION		CURRENT CONDITIONS	
108.1	104	4.1	28-Jan-01	18	BEAR ROCK		WARM, WINDY	

CURRENT DATA

DEPTHS:	CURRENT	LAST REPORT	PROG.	BIT#	MAKE	TYPE	IN AT	METERS	TOTAL BIT HRS
0600 hrs	1137	1082	55	9	VAREL	EDT12_XG	1123	14	5.5
DRILLING FLUID	DEN (kg/m^3)	VISCOSITY	WATER LOSS	pH	CHLOR. (ppm)	HRS DRLG	AVG ROP (m/hr)		
GEL CHEM	1050	43	8.4	9.5	650	12.5	4.4		

OPERATIONS SUMMARY FOR PAST 24 HOURS

TRIP FOR BIT; DRILL AHEAD

OPERATIONS FORECAST

DRILL AHEAD

SURVEYS

DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.

GAS REPORT

BACKGROUND TOTAL GAS (UNITS, 100u = 1%)						GAS SHOWS (UNITS, 100u = 1%)				
FROM	TO	ROP	AVG	MAX	GROSS LITHOLOGY	FROM	TO	MAX	PREV.	LITHOLOGY
1075	1123	8\20mi	100	120	Dolomite					
1123	1135	20\24mi	10	24	Dolomite					

FORMATION/MARKER TOPS

FORMATION/MARKER	PROGNOSIS		SAMPLE		FORMATION/MARKER	PROGNOSIS		SAMPLE	
	MD	SS	MD	SS		MD	SS	MD	SS
GLACIAL GRAVEL		108.1	5.0	183.2	#REF!		108.1		
IMPERIAL	5.0	103.1	40.0	148.2	#REF!		108.1		
#REF!		108.1			FORT CREEK	138.0	-29.9		
#REF!		108.1			RAMPARTS (HUME)	572.0	-463.9		
#REF!		108.1			GOSSAGE	661	-552.9		
#REF!		108.1			LONE MOUNTAIN	913.0	-804.9		
#REF!		108.1			BEAR ROCK	1038.0	-929.9		
#REF!		108.1			ORDOVICIAN		108.1		
#REF!		108.1			TD		#####		
#REF!		108.1							
#REF!		108.1							

COMMENTS & REMARKS

Note that KB and GL have been corrected.

I rezeroed the gas detector at trip time. Coupled with the slower penetration rate it looks as if the gas has dropped dramatically or is not working. That is not so. I also ran a test gas from the shaker, that I have left on the log to show the machine is reading properly. There just is no gas in this formation!



DEVLAN
EXPLORATION INC.

TRANSMITTAL

DATE: 14-Feb-01

TO: Chris Knoechel @ NEB

RE: Strip Log & Geological Reports

Please find enclosed one (1) copy of each:

(1) Geological Report for February 14, 2001

(1) Strip Log for February 14, 2001

This well is under tight hole status all information is
Privileged and Confidential

A copy of this transmittal will be kept in our files.

If you have any questions regarding the above, please contact

KRISTI SINCLAIR at 233-7778 Ext. 0.

Thank You.

DAILY GEOLOGICAL REPORT

#REF!

WELL NAME			LOCATION		OPERATOR		RIG	
DEVLAN ET AL TREE RIVER			SECTION 10 N67 19'14" W1		DEVLAN EXPLORATION INC		AKITA 14	
DATE	REPORT TIME	REPORTING TO		GEOLOGIST		RIG PHONE	MY CELL	TEMP
14-Feb-01	800	SCOTT PATTERSON		KEITH ROBERTSON		997 2529	SAME	
K.B.(m)	G.L.(m)	K.B.-G.L. (m)	SPUD DATE	DAY No.	FORMATION		CURRENT CONDITIONS	
188.2	184.1	4.1	28-Jan-01	17	BEAR ROCK		COLD, WINDY	

CURRENT DATA

DEPTHS:	CURRENT	LAST REPORT	PROG.	BIT#	MAKE	TYPE	IN AT	METERS	TOTAL BIT HRS
0600 hrs	1082	997	85	8	VAREL	EDT15EXG	870	212	66
DRILLING FLUID	DEN (kg/m^3)	VISCOSITY	WATER LOSS	pH	CHLOR. (ppm)	HRS DRLG	AVG ROP (m/hr)		
GEL CHEM	1050	45	8	9.5	550	21.75	3.9		

OPERATIONS SUMMARY FOR PAST 24 HOURS

DRILL AHEAD

OPERATIONS FORECAST

TRIP FOR BIT, DRILL AHEAD

SURVEYS

DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.

GAS REPORT

BACKGROUND TOTAL GAS (UNITS, 100u = 1%)						GAS SHOWS (UNITS, 100u = 1%)				
FROM	TO	ROP	AVG	MAX	GROSS LITHOLOGY	FROM	TO	MAX	PREV.	LITHOLOGY
996	1030	16\20mi	70	80	Limestone					
1030	1075	8\20min	80	130	Limestone , Dolomite,					

FORMATION/MARKER TOPS

FORMATION/MARKER	PROGNOSIS		SAMPLE		FORMATION/MARKER	PROGNOSIS		SAMPLE	
	MD	SS	MD	SS		MD	SS	MD	SS
GLACIAL GRAVEL		188.2	5.0	183.2	#REF!		188.2		
IMPERIAL	5.0	183.2	40.0	148.2	#REF!		188.2		
#REF!		188.2			FORT CREEK	138.0	50.2		
#REF!		188.2			RAMPARTS (HUME)	572.0	-383.8		
#REF!		188.2			GOSSAGE	661	-472.8		
#REF!		188.2			LONE MOUNTAIN	913.0	-724.8		
#REF!		188.2			BEAR ROCK	1038.0	-849.8		
#REF!		188.2			ORDOVICIAN		188.2		
#REF!		188.2			TD		#####		
#REF!		188.2							
#REF!		188.2							

COMMENTS & REMARKS

I placed the Bear Rock at the point where drilling became quite erratic, It could also be placed at the point where it is predominantly dolomite. However my descriptions say that the Bear Rock can be quite variable as to composition between limestone and dolomite. There appears to be some calcite infl in fractures but not as much as I expected. Generally the Dolomite is very tight, with only scattered good porosity and no perm.

I think the erratic drilling is the best indicator of this formation in this well,
What are your thoughts?

The mudman is very upset that we mixed a pill for lost circulation with sawdust. We have not used it at this time. I do not know if you want to speak to Marty about this, as he was advocating the use of acid soluble LCM ie. (CaCo3). No one has informed Erwin
What did you find out about the GL here?, I suspect that 104 is right.

DAILY GEOLOGICAL REPORT

#REF!

WELL NAME			LOCATION		OPERATOR		RIG	
DEVLAN ET AL TREE RIVER			SECTION 10 N67 19'14" W1		DEVLAN EXPLORATION INC		AKITA 14	
DATE	REPORT TIME	REPORTING TO		GEOLOGIST		RIG PHONE	MY CELL	TEMP
13-Feb-01	800	SCOTT PATTERSON		KEITH ROBERTSON		997 2529	SAME	
K.B.(m)	G.L.(m)	K.B.-G.L. (m)	SPUD DATE	DAY No.	FORMATION		CURRENT CONDITIONS	
188.2	184.1	4.1	28-Jan-01	16	LONE MOUNTAIN		OVERCAST, SNOW	

CURRENT DATA

DEPTHS:	CURRENT	LAST REPORT	PROG.	BIT#	MAKE	TYPE	IN AT	METERS	TOTAL BIT HRS
0600 hrs	997	927	70	8	VAREL	EDT15EXG	870	127	41
DRILLING FLUID	DEN (kg/m ³)	VISCOSITY	WATER LOSS	pH	CHLOR. (ppm)	HRS DRLG		AVG ROP (m/hr)	
GEL CHEM	1055	48	9.2	9	600	21		3.3	

OPERATIONS SUMMARY FOR PAST 24 HOURS

DRILL AHEAD

OPERATIONS FORECAST

DRILL AHEAD

SURVEYS

DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.
955	2.°													

GAS REPORT

BACKGROUND TOTAL GAS (UNITS, 100u = 1%)						GAS SHOWS (UNITS, 100u = 1%)					
FROM	TO	ROP	AVG	MAX	GROSS LITHOLOGY	FROM	TO	MAX	PREV.	LITHOLOGY	
927	940	20to25m	50	70	Dolomite						
940	996	16to24m	75	100	Dolomite with Limestone						

FORMATION/MARKER TOPS

FORMATION/MARKER	PROGNOSIS		SAMPLE		FORMATION/MARKER	PROGNOSIS		SAMPLE	
	MD	SS	MD	SS		MD	SS	MD	SS
GLACIAL GRAVEL		188.2	5.0	183.2	#REF!		188.2		
IMPERIAL	5.0	183.2	40.0	148.2	#REF!		188.2		
#REF!		188.2			FORT CREEK	138.0	50.2		
#REF!		188.2			RAMPARTS (HUME)	572.0	-383.8		
#REF!		188.2			GOSSAGE	661	-472.8		
#REF!		188.2			LONE MOUNTAIN	913.0	-724.8		
#REF!		188.2			BEAR ROCK		188.2		
#REF!		188.2			ORDOVICIAN		188.2		
#REF!		188.2			TD		#####		
#REF!		188.2							
#REF!		188.2							

COMMENTS & REMARKS

I have changed my Lone Mountain top to 913, at this depth the lithology changes to a clean dolomite for a length of time
 Also there is a change in ROP at this depth, therefore in total I think this is a better pick for the top.
 However this pushes the top of the Bear Rock down to a depth of 1065assuming that the isopact is equal to the SHELL well.



DEVLAN
EXPLORATION INC.

TRANSMITTAL

DATE: 13-Feb-01

TO: Chris Knoechel @ NEB

RE: Strip Log & Geological Reports

(1) Geological Report for February 13, 2001

(1) Strip Log for February 13, 2001

This well is under tight hole status all information is
privileged and confidential

A copy of this transmittal will be kept in our files.

If you have any questions regarding the above, please contact

KRISTI SINCLAIR at 233-7778 Ext. 0.

Thank You.



**DEVLAN
EXPLORATION INC.**

MAIL ROOM
SALLE DE COURIER

2001 FEB 12 A 9:42

NEB / ONE

TRANSMITTAL

DATE: February 12, 2001

TO: National Energy Board Attention Chris Knoechel

RE: Geological Reports and Strip Logs

Please find enclosed one (1) copy of each:

Strip Logs from January 31, 2001 - February 12, 2001

Geological Reports from January 31, 2001 - February 12, 2001

A copy of this transmittal will be kept in our files.

If you have any questions regarding the above, please contact

KRISTI SINCLAIR at 233-7778 Ext. 0.

Thank You.

DAILY GEOLOGICAL REPORT

#REF!

WELL NAME		LOCATION		OPERATOR		RIG	
DEVLAN ET AL TREE RIVER		SECTION 10 N67 19'14" W1		DEVLAN EXPLORATION INC		AKITA 14	
DATE	REPORT TIME	REPORTING TO		GEOLOGIST	RIG PHONE	MY CELL	TEMP
12-Feb-01	800	SCOTT PATTERSON		KEITH ROBERTSON	997 2529	SAME	
K.B.(m)	G.L.(m)	K.B.-G.L. (m)	SPUD DATE	DAY No.	FORMATION	CURRENT CONDITIONS	
188.2	184.1	4.1	28-Jan-01	15	LONE MOUNTAIN	CLEAR, COLD	

CURRENT DATA

DEPTHS:	CURRENT	LAST REPORT	PROG.	BIT#	MAKE	TYPE	IN AT	METERS	TOTAL BIT HRS
0600 hrs	927	870	57	8	VAREL	EDT15EXG	870	57	20
DRILLING FLUID	DEN (kg/m^3)	VISCOSITY	WATER LOSS	pH	CHLOR. (ppm)	HRS DRLG	AVG ROP (m/hr)		
GEL CHEM	1060	47	8.2	8	600	20	2.9		

OPERATIONS SUMMARY FOR PAST 24 HOURS

TRIP FOR BIT & DRILL AHEAD

OPERATIONS FORECAST

DRILL AHEAD

SURVEYS

DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.

GAS REPORT

BACKGROUND TOTAL GAS (UNITS, 100u = 1%)						GAS SHOWS (UNITS, 100u = 1%)				
FROM	TO	ROP	AVG	MAX	GROSS LITHOLOGY	FROM	TO	MAX	PREV.	LITHOLOGY
870	872			170	Limestone, trip gas					
872	927	16to24m	45	60	Limestone with dolomite					

FORMATION/MARKER TOPS

FORMATION/MARKER	PROGNOSIS		SAMPLE		FORMATION/MARKER	PROGNOSIS		SAMPLE	
	MD	SS	MD	SS		MD	SS	MD	SS
GLACIAL GRAVEL		188.2	5.0	183.2	#REF!		188.2		
IMPERIAL	5.0	183.2	40.0	148.2	#REF!		188.2		
#REF!		188.2			FORT CREEK	138.0	50.2		
#REF!		188.2			RAMPARTS (HUME)	572.0	-383.8		
#REF!		188.2			GOSSAGE	661	-472.8		
#REF!		188.2			LONE MOUNTAIN	864.0	-675.8		
#REF!		188.2			BEAR ROCK		188.2		
#REF!		188.2			ORDOVICIAN		188.2		
#REF!		188.2			TD		#####		
#REF!		188.2							
#REF!		188.2							

COMMENTS & REMARKS

The Lone Mountain is not a good pick as there are no markers to use, no gas increases, no drilling breaks and no drastic change in lithology. The other depth I had in mind was 881.

There has been some coment that the gas peak we encountered saterday could be the top of the Hume, something a geophysicist has thought up to screw up geological minds, no doubt. !!!

DAILY GEOLOGICAL REPORT

#REF!

WELL NAME		LOCATION		OPERATOR		RIG	
DEVLAN ET AL TREE RIVER		SECTION 10 N67 19'14" W1		DEVLAN EXPLORATION INC		AKITA 14	
DATE	REPORT TIME	REPORTING TO		GEOLOGIST	RIG PHONE	MY CELL	TEMP
11-Feb-01	800	SCOTT PATTERSON		KEITH ROBERTSON	997 2529	SAME	
K.B.(m)	G.L.(m)	K.B.-G.L. (m)	SPUD DATE	DAY No.	FORMATION	CURRENT CONDITIONS	
188.2	184.1	4.1	28-Jan-01	14	GOSSAGE	CLEAR, COLD	

CURRENT DATA

DEPTHS:	CURRENT	LAST REPORT	PROG.	BIT#	MAKE	TYPE	IN AT	METERS	TOTAL BIT HRS
0600 hrs	870	778	92	7	VAREL	EDT24XG	620	250	63
DRILLING FLUID	DEN (kg/m ³)	VISCOSITY	WATER LOSS	pH	CHLOR. (ppm)	HRS DRLG	AVG ROP (m/hr)		
GEL CHEM	1045	43	8.2	9.5	500	20.5	4.5		

OPERATIONS SUMMARY FOR PAST 24 HOURS

DRILL AHEAD

OPERATIONS FORECAST

TRIP FOR BIT

SURVEYS

DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.
849	1.75°										

GAS REPORT

BACKGROUND TOTAL GAS (UNITS, 100u = 1%)						GAS SHOWS (UNITS, 100u = 1%)				
FROM	TO	ROP	AVG	MAX	GROSS LITHOLOGY	FROM	TO	MAX	PREV.	LITHOLOGY
778	817	12/16mi	50	70	Limestone					
817	818	3/4mi	100	850	Dolomite					
818	820	12mi	70	100	Limestone					
820	821	6mi	100	300	Dolomite					
821	870	16mi	50	70	Limestone & Dolomite					

FORMATION/MARKER TOPS

FORMATION/MARKER	PROGNOSIS		SAMPLE		FORMATION/MARKER	PROGNOSIS		SAMPLE	
	MD	SS	MD	SS		MD	SS	MD	SS
GLACIAL GRAVEL		188.2	5.0	183.2	#REF!		188.2		
IMPERIAL	5.0	183.2	40.0	148.2	#REF!		188.2		
#REF!		188.2			FORT CREEK	138.0	50.2		
#REF!		188.2			RAMPARTS (HUME)	572.0	-383.8		
#REF!		188.2			GOSSAGE	661	-472.8		
#REF!		188.2			LONE MOUNTAIN		188.2		
#REF!		188.2			BEAR ROCK				
#REF!		188.2			ORDOVICIAN				
#REF!		188.2			TD				
#REF!		188.2			0				
#REF!		188.2							

COMMENTS & REMARKS

You left to soon, The gas peak arrived about 4 in the afternoon!!

DAILY GEOLOGICAL REPORT

#REF!

WELL NAME			LOCATION		OPERATOR		RIG	
DEVLAN ET AL TREE RIVER			SECTION 10 N67 19'14" W1		DEVLAN EXPLORATION INC		AKITA 14	
DATE	REPORT TIME	REPORTING TO		GEOLOGIST		RIG PHONE	MY CELL	TEMP
10-Feb-01	800	SCOTT PATTERSON		KEITH ROBERTSON		997 2529	SAME	
K.B.(m)	G.L.(m)	K.B.-G.L. (m)	SPUD DATE	DAY No.	FORMATION		CURRENT CONDITIONS	
188.2	184.1	4.1	28-Jan-01	13	GOSSAGE		CLEAR, COLD	

CURRENT DATA

DEPTHS:	CURRENT	LAST REPORT	PROG.	BIT#	MAKE	TYPE	IN AT	METERS	TOTAL BIT HRS
0600 hrs	778	690	88	7	VAREL	EDT24XG	620	158	40.75
DRILLING FLUID	DEN (kg/m ³)	VISCOSITY	WATER LOSS	pH	CHLOR. (ppm)	HRS DRLG		AVG ROP (m/hr)	
GEL CHEM	1055	43	9.2	9	500	21		4.2	

OPERATIONS SUMMARY FOR PAST 24 HOURS

DRILL AHEAD

OPERATIONS FORECAST

TRIP FOR BIT POSSIBLY, DRILL AHEAD

SURVEYS

DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.
762	1.5°													

GAS REPORT

BACKGROUND TOTAL GAS (UNITS, 100u = 1%)						GAS SHOWS (UNITS, 100u = 1%)					
FROM	TO	ROP	AVG	MAX	GROSS LITHOLOGY	FROM	TO	MAX	PREV.	LITHOLOGY	
690	730	12/15mi	75	120	LIMESTONE						
730	778	8/16mi	50	80	LIMESTONE						

FORMATION/MARKER TOPS

FORMATION/MARKER	PROGNOSIS		SAMPLE		FORMATION/MARKER	PROGNOSIS		SAMPLE	
	MD	SS	MD	SS		MD	SS	MD	SS
GLACIAL GRAVEL		188.2	5.0	183.2	#REF!		188.2		
IMPERIAL	5.0	183.2	40.0	148.2	#REF!		188.2		
#REF!		188.2			FORT CREEK		138.0	50.2	
#REF!		188.2			RAMPARTS (HUME)	572.0	-383.8		
#REF!		188.2			GOSSAGE	661	-472.8		
#REF!		188.2			BEAR ROCK		188.2		
#REF!		188.2			ORDOVICIAN		188.2		
#REF!		188.2			TD				
#REF!		188.2			0				
#REF!		188.2			0				
#REF!		188.2							

COMMENTS & REMARKS

DAILY GEOLOGICAL REPORT

#REF!

WELL NAME			LOCATION		OPERATOR		RIG	
DEVLAN ET AL TREE RIVER			SECTION 10 N67 19'14" W1		DEVLAN EXPLORATION INC		AKITA 14	
DATE	REPORT TIME	REPORTING TO		GEOLOGIST		RIG PHONE	MY CELL	TEMP
9-Feb-01	800	SCOTT PATTERSON		KEITH ROBERTSON		997 2529	SAME	
K.B.(m)	G.L.(m)	K.B.-G.L. (m)	SPUD DATE	DAY No.	FORMATION		CURRENT CONDITIONS	
188.2	184.1	4.1	28-Jan-01	12	GOSSAGE		OVERCAST, COLD	

CURRENT DATA

DEPTHS:	CURRENT	LAST REPORT	PROG.	BIT#	MAKE	TYPE	IN AT	METERS	TOTAL BIT HRS
0600 hrs	690	620	70	7	VAREL	EDT24XG	620	70	17.75
DRILLING FLUID	DEN (kg/m ³)	VISCOSITY	WATER LOSS		pH	CHLOR. (ppm)	HRS DRLG	AVG ROP (m/hr)	
GEL CHEM	1080	42	8.4		9	450	17.75	3.9	

OPERATIONS SUMMARY FOR PAST 24 HOURS

TRIP FOR BIT, DRILL AHEAD

OPERATIONS FORECAST

DRILL AHEAD

SURVEYS

DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.
665	1.°										

GAS REPORT

BACKGROUND TOTAL GAS (UNITS, 100u = 1%)						GAS SHOWS (UNITS, 100u = 1%)					
FROM	TO	ROP	AVG	MAX	GROSS LITHOLOGY	FROM	TO	MAX	PREV.	LITHOLOGY	
620	640	16/20mir	50	60	Shale intbdd with limestone						
640	670	8/12min	75	100	Shale intbdd with limestone						
670	680	16/20mir	200	300	limestone						
680	690	16/20mir	100	100	limestone						

FORMATION/MARKER TOPS

FORMATION/MARKER	PROGNOSIS		SAMPLE		FORMATION/MARKER	PROGNOSIS		SAMPLE	
	MD	SS	MD	SS		MD	SS	MD	SS
GLACIAL GRAVEL		188.2	5.0	183.2	#REF!		188.2		
IMPERIAL	5.0	183.2	40.0	148.2	#REF!		188.2		
#REF!		188.2			FORT CREEK	138.0	50.2		
#REF!		188.2			RAMPARTS (HUME)	572.0	-383.8		
#REF!		188.2			GOSSAGE	661	-472.8		
#REF!		188.2			BEAR ROCK		188.2		
#REF!		188.2			ORDOVICIAN		188.2		
#REF!		188.2			TD				
#REF!		188.2			0				
#REF!		188.2			0				
#REF!		188.2							

COMMENTS & REMARKS

TOP OF HUME 572 (-384)
TOP OF GOSSAGE 661 (-473)

Drilling ahead in tight Gossage limestone, hoping to encounter a porous zone (reef) as hinted on seismic.
Next zone is the Lone Mountain dolomite in 150m. Bear Rock porosity is expected to be encountered in 300 to 400 m.

DAILY GEOLOGICAL REPORT

#REF!

WELL NAME		LOCATION		OPERATOR		RIG	
DEVLAN ET AL TREE RIVER		SECTION 10 N67 19'14" W1		DEVLAN EXPLORATION INC		AKITA 14	
DATE	REPORT TIME	REPORTING TO		GEOLOGIST	RIG PHONE	MY CELL	TEMP
8-Feb-01	800	SCOTT PATTERSON		KEITH ROBERTSON	997 2529	SAME	
K.B.(m)	G.L.(m)	K.B.-G.L. (m)	SPUD DATE	DAY No.	FORMATION	CURRENT CONDITIONS	
188.2	184.1	4.1	28-Jan-01	11	FORT CREEK	CLEAR, COLD	

CURRENT DATA

DEPTHS:	CURRENT	LAST REPORT	PROG.	BIT#	MAKE	TYPE	IN AT	METERS	TOTAL BIT HRS
0600 hrs	620	535	85	5	VAREL	EDT24XE	480	140	34.25
DRILLING FLUID	DEN (kg/m ³)	VISCOSITY	WATER LOSS	pH	CHLOR. (ppm)	HRS DRLG	AVG ROP (m/hr)		
GEL CHEM	1090	42	11.2	9	400	21	4.0		

OPERATIONS SUMMARY FOR PAST 24 HOURS

DRILL AHEAD

OPERATIONS FORECAST

TRIP FOR BIT

SURVEYS

DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.
540	1.°													

GAS REPORT

BACKGROUND TOTAL GAS (UNITS, 100u = 1%)						GAS SHOWS (UNITS, 100u = 1%)					
FROM	TO	ROP	MAX	AVG	GROSS LITHOLOGY	FROM	TO	MAX	PREV.	LITHOLOGY	
535	572	12 min	240	400	Shale						
572	580	8 min	300	500	Shale and limestone, Hume top						
580	620	16min	60	100	Shale and limestone						

FORMATION/MARKER TOPS

FORMATION/MARKER	PROGNOSIS		SAMPLE		FORMATION/MARKER	PROGNOSIS		SAMPLE	
	MD	SS	MD	SS		MD	SS	MD	SS
GLACIAL GRAVEL		188.2	5.0	183.2	#REF!		188.2		
IMPERIAL	5.0	183.2	40.0	148.2	#REF!		188.2		
#REF!		188.2			FORT CREEK		138.0		50.2
#REF!		188.2			RAMPARTS (HUME)	572.0	-383.8		
#REF!		188.2			GOSSAGE		188.2		
#REF!		188.2			BEAR ROCK		188.2		
#REF!		188.2			ORDOVICIAN		188.2		
#REF!		188.2			TD				
#REF!		188.2			0				
#REF!		188.2			0				
#REF!		188.2							

COMMENTS & REMARKS

DAILY GEOLOGICAL REPORT

#REF!

WELL NAME			LOCATION		OPERATOR		RIG	
DEVLAN ET AL TREE RIVER			ION 10 N67 19'14" W131 45		DEVLAN EXPLORATION INC		AKITA 14	
DATE	REPORT TIME	REPORTING TO		GEOLOGIST		RIG PHONE	MY CELL	TEMP
7-Feb-01	800	SCOTT PATTERSON		KEITH ROBERTSON		997 2529	SAME	
K.B.(m)	G.L.(m)	K.B.-G.L. (m)	SPUD DATE	DAY No.	FORMATION		CURRENT CONDITIONS	
188.2	184.1	4.1	28-Jan-01	10	FORT CREEK		CLEAR, COLD	

CURRENT DATA

DEPTHS:	CURRENT	LAST REPORT	PROG.	BIT#	MAKE	TYPE	IN AT	METERS	TOTAL BIT HRS
0600 hrs	535	446	89	5	VAREL	EDT24XE	480	55	11.25
DRILLING FLUID	DEN (kg/m^3)	VISCOSITY	WATER LOSS	pH	CHLOR. (ppm)	HRS DRLG	AVG ROP (m/hr)		
GEL CHEM	1085	43	9	9	400	11.25	7.9		

OPERATIONS SUMMARY FOR PAST 24 HOURS

DRILL TO 480 m. TRIP FOR BIT #4, RIH WITH BIT #5 DRILL AHEAD

OPERATIONS FORECAST

DRILL AHEAD

SURVEYS

DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.
442	.75°										

GAS REPORT

BACKGROUND TOTAL GAS (UNITS, 100u = 1%)						GAS SHOWS (UNITS, 100u = 1%)				
FROM	TO	ROP	MAX	AVG	GROSS LITHOLOGY	FROM	TO	MAX	PREV.	LITHOLOGY
448	435	8to10mn	260	180	Shale					

FORMATION/MARKER TOPS

FORMATION/MARKER	PROGNOSIS		SAMPLE		FORMATION/MARKER	PROGNOSIS		SAMPLE	
	MD	SS	MD	SS		MD	SS	MD	SS
GLACIAL GRAVEL		188.2	5.0	183.2	#REF!		188.2		
IMPERIAL	5.0	183.2	40.0	148.2	#REF!		188.2		
#REF!		188.2			FORT CREEK	138.0	50.2		
#REF!		188.2			RAMPARTS (HUME)		188.2		
#REF!		188.2			BEAR ROCK		188.2		
#REF!		188.2			ORDOVICIAN		188.2		
#REF!		188.2			TD				
#REF!		188.2			0				
#REF!		188.2			0				
#REF!		188.2			0				
#REF!		188.2							

COMMENTS & REMARKS

DAILY GEOLOGICAL REPORT

#REF!

WELL NAME			LOCATION		OPERATOR		RIG	
DEVLAN ET AL TREE RIVER			ION 10 N67 19'14" W131 45		DEVLAN EXPLORATION INC		AKITA 14	
DATE	REPORT TIME	REPORTING TO		GEOLOGIST		RIG PHONE	MY CELL	TEMP
6-Feb-01	800	SCOTT PATTERSON		KEITH ROBERTSON		997 2529	SAME	
K.B.(m)	G.L.(m)	K.B.-G.L. (m)	SPUD DATE	DAY No.	FORMATION		CURRENT CONDITIONS	
188.2	184.1	4.1	28-Jan-01	9	FORT CREEK		CLEAR, COLD	

CURRENT DATA

DEPTHS:	CURRENT	LAST REPORT	PROG.	BIT#	MAKE	TYPE	IN AT	METERS	TOTAL BIT HRS
0600 hrs	446	388	58	4	VAREL	EDT 24X6	388	58	10.25
DRILLING FLUID	DEN (kg/m ³)	VISCOSITY	WATER LOSS	pH	CHLOR. (ppm)	HRS DRLG	AVG ROP (m/hr)		
GEL CHEM	1090	33		9	710	10.25	5.7		

OPERATIONS SUMMARY FOR PAST 24 HOURS

DRILL OUT CEMENT, LEAK OFF TEST, DRILL AHEAD

OPERATIONS FORECAST

DRILL AHEAD

SURVEYS

DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.

GAS REPORT

BACKGROUND TOTAL GAS (UNITS, 100u = 1%)						GAS SHOWS (UNITS, 100u = 1%)				
FROM	TO	ROP	MAX	AVG	GROSS LITHOLOGY	FROM	TO	MAX	PREV.	LITHOLOGY
388	408	8min/m	100	50	Shale					
408	416	4min/m	220	210	Shale with sand stringers					
416	448	8-12min	240	200	Shale					

FORMATION/MARKER TOPS

FORMATION/MARKER	PROGNOSIS		SAMPLE		FORMATION/MARKER	PROGNOSIS		SAMPLE	
	MD	SS	MD	SS		MD	SS	MD	SS
GLACIAL GRAVEL		188.2	5.0	183.2	#REF!		188.2		
IMPERIAL	5.0	183.2	40.0	148.2	#REF!		188.2		
#REF!		188.2			FORT CREEK	138.0	50.2		
#REF!		188.2			RAMPARTS (HUME)		188.2		
#REF!		188.2			BEAR ROCK		188.2		
#REF!		188.2			ORDOVICIAN		188.2		
#REF!		188.2			TD				
#REF!		188.2			0				
#REF!		188.2			0				
#REF!		188.2			0				
#REF!		188.2							

COMMENTS & REMARKS

DAILY GEOLOGICAL REPORT

#REF!

WELL NAME		LOCATION		OPERATOR		RIG	
DEVLAN ET AL TREE RIVER		ION 10 N67 19'14" W131 45		DEVLAN EXPLORATION INC		AKITA 14	
DATE	REPORT TIME	REPORTING TO		GEOLOGIST	RIG PHONE	MY CELL	TEMP
5-Feb-01	800	SCOTT PATTERSON		KEITH ROBERTSON	997 2529	SAME	
K.B.(m)	G.L.(m)	K.B.-G.L. (m)	SPUD DATE	DAY No.	FORMATION	CURRENT CONDITIONS	
188.2	184.1	4.1	28-Jan-01	8	FORT CREEK	CLEAR COLD	

CURRENT DATA

DEPTHS:	CURRENT	LAST REPORT	PROG.	BIT#	MAKE	TYPE	IN AT	METERS	TOTAL BIT HRS
0600 hrs	388	388	0	4	VAREL	EDT 24X6		388	
DRILLING FLUID	DEN (kg/m^3)	VISCOSITY	WATER LOSS	pH	CHLOR. (ppm)			HRS DRLG	AVG ROP (m/hr)
WATER									#DIV/0!

OPERATIONS SUMMARY FOR PAST 24 HOURS

CUT CASING, WELD ON CASING BOWL, NIPPLE UP, PRESSURE TEST

OPERATIONS FORECAST

FINISH PRESSURE TEST, DRILL OUT CEMENT.

SURVEYS

DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.

GAS REPORT

BACKGROUND TOTAL GAS (UNITS, 100u = 1%)						GAS SHOWS (UNITS, 100u = 1%)				
FROM	TO	ROP	MAX	AVG	GROSS LITHOLOGY	FROM	TO	MAX	PREV.	LITHOLOGY

FORMATION/MARKER TOPS

FORMATION/MARKER	PROGNOSIS		SAMPLE		FORMATION/MARKER	PROGNOSIS		SAMPLE	
	MD	SS	MD	SS		MD	SS	MD	SS
GLACIAL GRAVEL		188.2	5.0	183.2	#REF!		188.2		
IMPERIAL	5.0	183.2	40.0	148.2	#REF!		188.2		
#REF!		188.2			FORT CREEK	138.0	50.2		
#REF!		188.2			RAMPARTS (HUME)		188.2		
#REF!		188.2			BEAR ROCK		188.2		
#REF!		188.2			ORDOVICIAN		188.2		
#REF!		188.2			TD				
#REF!		188.2			0				
#REF!		188.2			0				
#REF!		188.2			0				
#REF!		188.2							

COMMENTS & REMARKS

DAILY GEOLOGICAL REPORT

#REF!

WELL NAME			LOCATION			OPERATOR			RIG	
DEVLAN ET AL TREE RIVER			ION 10 N67 19'14" W131 45			DEVLAN EXPLORATION INC			AKITA 14	
DATE	REPORT TIME	REPORTING TO			GEOLOGIST		RIG PHONE		MY CELL	TEMP
4-Feb-01	800	SCOTT PATTERSON			KEITH ROBERTSON		997 2529		SAME	
K.B.(m)	G.L.(m)	K.B.-G.L. (m)		SPUD DATE	DAY No.		FORMATION		CURRENT CONDITIONS	
188.2	184.1	4.1		28-Jan-01	8		FORT CREEK		OVERCAST,WARM	

CURRENT DATA

DEPTHS:	CURRENT	LAST REPORT	PROG.	BIT#	MAKE	TYPE	IN AT	METERS	TOTAL BIT HRS
0600 hrs	388	388	0					388	
DRILLING FLUID	DEN (kg/m ³)	VISCOSITY		WATER LOSS		pH	CHLOR. (ppm)	HRS DRLG	AVG ROP (m/hr)
GEL CHEM	1320	87				9	240		#DIV/0!

OPERATIONS SUMMARY FOR PAST 24 HOURS

POOH, CIC AND COND MUD, RIG TO RUN CASING, RUN CASING, WOC

OPERATIONS FORECAST

CUT AND WELD CASING BOWL, CONTINUE TO CLEN UP CEMENT FROM CELLAR AND MUD TANKS, NIPPLE , PRESSURE TEST.

SURVEYS

DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.

GAS REPORT

BACKGROUND TOTAL GAS (UNITS, 100u = 1%)						GAS SHOWS (UNITS, 100u = 1%)					
FROM	TO	ROP	MAX	AVG	GROSS LITHOLOGY	FROM	TO	MAX	PREV.	LITHOLOGY	

FORMATION/MARKER TOPS

FORMATION/MARKER	PROGNOSIS		SAMPLE		FORMATION/MARKER	PROGNOSIS		SAMPLE	
	MD	SS	MD	SS		MD	SS	MD	SS
GLACIAL GRAVEL		188.2	5.0	183.2	#REF!		188.2		
IMPERIAL	5.0	183.2	40.0	148.2	#REF!		188.2		
#REF!		188.2			FORT CREEK	138.0	50.2		
#REF!		188.2			RAMPARTS (HUME)		188.2		
#REF!		188.2			BEAR ROCK		188.2		
#REF!		188.2			ORDOVICIAN		188.2		
#REF!		188.2			TD				
#REF!		188.2			0				
#REF!		188.2			0				
#REF!		188.2			0				
#REF!		188.2							

COMMENTS & REMARKS

DAILY GEOLOGICAL REPORT

#REF!

WELL NAME		LOCATION		OPERATOR		RIG	
DEVALN ET AL TREE RIVER		ION 10 N67 19'14" W131 4		DEVLAN EXPLORATION INC		AKITA 14	
DATE	REPORT TIME	REPORTING TO		GEOLOGIST	RIG PHONE	MY CELL	TEMP
3-Feb-01	800	SCOTT PATTERSON		KEITH ROBERTSON	997 2529	SAME	
K.B.(m)	G.L.(m)	K.B.-G.L. (m)	SPUD DATE	DAY No.	FORMATION	CURRENT CONDITIONS	
188.2	184.1	4.1	28-Jan-01	7	FORT CREEK	OVERCAST, WARM	

CURRENT DATA

DEPTHS:	CURRENT	LAST REPORT	PROG.	BIT#	MAKE	TYPE	IN AT	METERS	TOTAL BIT HRS
0600 hrs	388	383	5	4	VAREL	L127	385	3	8.5
DRILLING FLUID	DEN (kg/m ³)	VISCOSITY	WATER LOSS	pH	CHLOR. (ppm)	HRS DRLG	AVG ROP (m/hr)		
GEL CHEM	1320	87		9	240	1.75	2.9		

OPERATIONS SUMMARY FOR PAST 24 HOURS

DRILL OUT PILOT HOLE; DRILL 3 MORE METRES, CIRCULATE AND COND HOLE, POOH, RUN CASING

OPERATIONS FORECAST

FINISH RUNNING CASING , WOC, NIPPLE UP

SURVEYS

DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.
383	°													

GAS REPORT

BACKGROUND TOTAL GAS (UNITS, 100u = 1%)						GAS SHOWS (UNITS, 100u = 1%)					
FROM	TO	ROP	MAX	AVG	GROSS LITHOLOGY	FROM	TO	MAX	PREV.	LITHOLOGY	
385	388	15min	130	120	Shale						

FORMATION/MARKER TOPS

FORMATION/MARKER	PROGNOSIS		SAMPLE		FORMATION/MARKER	PROGNOSIS		SAMPLE	
	MD	SS	MD	SS		MD	SS	MD	SS
GLACIAL GRAVEL		188.2	5.0	183.2	#REF!		188.2		
IMPERIAL	5.0	183.2	40.0	148.2	#REF!		188.2		
#REF!		188.2			FORT CREEK	138.0	50.2		
#REF!		188.2			RAMPARTS (HUME)		188.2		
#REF!		188.2			BEAR ROCK		188.2		
#REF!		188.2			ORDOVICIAN		188.2		
#REF!		188.2			TD				
#REF!		188.2			0				
#REF!		188.2			0				
#REF!		188.2			0				
#REF!		188.2							

COMMENTS & REMARKS

DAILY GEOLOGICAL REPORT

#REF!

WELL NAME #REF!			LOCATION #REF!		OPERATOR #REF!		RIG #REF!		
DATE 2-Feb-01	REPORT TIME 800		REPORTING TO SCOTT PATTERSON		GEOLOGIST KEITH ROBERTSON		RIG PHONE 997 2529	MY CELL SAME	TEMP
K.B.(m) #REF!	G.L.(m) #REF!	K.B.-G.L. (m) #REF!	SPUD DATE #REF!		DAY No. 6	FORMATION FORT CREEK		CURRENT CONDITIONS OVERCAST, SNOW	

CURRENT DATA

DEPTHS:	CURRENT	LAST REPORT	PROG.	BIT#	MAKE	TYPE	IN AT	METERS	TOTAL BIT HRS
0600 hrs	383	367	386	3ARR	VAREL	L127	38	345	32.75
DRILLING FLUID	DEN (kg/m^3)	VISCOSITY	WATER LOSS	pH	CHLOR. (ppm)	HRS DRLG	AVG ROP (m/hr)		
GEL CHEM	1330	69		9	500	27.5	14.0		

OPERATIONS SUMMARY FOR PAST 24 HOURS

DRILL OUT PILOT HOLE

OPERATIONS FORECAST

CIRCULATE TO CONDITION HOLE, RUN CASING, WOC.

SURVEYS

DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.
29	.5°		295	1.°							
200	1.°										

GAS REPORT

BACKGROUND TOTAL GAS (UNITS, 100u = 1%)						GAS SHOWS (UNITS, 100u = 1%)				
FROM	TO	ROP	MAX	AVG	GROSS LITHOLOGY	FROM	TO	MAX	PREV.	LITHOLOGY

FORMATION/MARKER TOPS

FORMATION/MARKER	PROGNOSIS		SAMPLE		FORMATION/MARKER	PROGNOSIS		SAMPLE	
	MD	SS	MD	SS		MD	SS	MD	SS
#REF!		#REF!	5.0	183.2	#REF!		#REF!		
#REF!	5.0	#REF!	40.0	148.2	#REF!		#REF!		
#REF!		#REF!			#REF!	138.0	#REF!		
#REF!		#REF!			#REF!		#REF!		
#REF!		#REF!			#REF!		#REF!		
#REF!		#REF!			#REF!		#REF!		
#REF!		#REF!			#REF!		#REF!		
#REF!		#REF!			#REF!		#REF!		
#REF!		#REF!			#REF!		#REF!		
#REF!		#REF!			#REF!		#REF!		

COMMENTS & REMARKS

DAILY GEOLOGICAL REPORT

#REF!

WELL NAME			LOCATION		OPERATOR		RIG	
DEVALN ET AL TREE RIVER			ION 10 N67 19'14" W131 45		DEVLAN EXPLORATION INC		AKITA 14	
DATE	REPORT TIME	REPORTING TO		GEOLOGIST		RIG PHONE	MY CELL	TEMP
1-Feb-01	800	SCOTT PATTERSON		KEITH ROBERTSON		997 2529	SAME	
K.B.(m)	G.L.(m)	K.B.-G.L. (m)	SPUD DATE	DAY No.	FORMATION		CURRENT CONDITIONS	
188.2	184.1	4.1	28-Jan-01	5	IMPERIAL		CLEAR, COLD	

CURRENT DATA

DEPTHS:	CURRENT	LAST REPORT	PROG.	BIT#	MAKE	TYPE	IN AT	METERS	TOTAL BIT HRS
0600 hrs	210	367	210	1ARR	VAREL	L127	15	210	29.75
DRILLING FLUID	DEN (kg/m^3)	VISCOSITY	WATER LOSS		pH	CHLOR. (ppm)	HRS DRLG	AVG ROP (m/hr)	
GEL CHEM	1240	105			9	240	18	11.7	

OPERATIONS SUMMARY FOR PAST 24 HOURS

DRILL SURFACE HOLE. POOH , CHANGE TO 311 mm. BIT, REAM RATHOLE TO PRESENT DEPTH

OPERATIONS FORECAST

RUN CASING AND CEMENT

SURVEYS

DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.
95	.5°													

GAS REPORT

BACKGROUND TOTAL GAS (UNITS, 100u = 1%)						GAS SHOWS (UNITS, 100u = 1%)				
FROM	TO	ROP	MAX	AVG	GROSS LITHOLOGY	FROM	TO	MAX	PREV.	LITHOLOGY
365	373	8to10	160	140	sandstone with shale stringers					
373	378	10to14	200	160	sandstone with shale stringers					
378	385	12to14	120	120	Shale					

FORMATION/MARKER TOPS

FORMATION/MARKER	PROGNOSIS		SAMPLE		FORMATION/MARKER	PROGNOSIS		SAMPLE	
	MD	SS	MD	SS		MD	SS	MD	SS
GLACIAL GRAVEL		188.2	5.0	183.2	#REF!		188.2		
IMPERIAL	5.0	183.2	40.0	148.2	#REF!		188.2		
HARE INDIAN		188.2	332.0	-143.2	FORT CREEK	138.0	50.2		
#REF!		188.2			RAMPARTS (HUME)		188.2		
#REF!		188.2			BEAR ROCK		188.2		
#REF!		188.2			ORDOVICIAN		188.2		
#REF!		188.2			TD				
#REF!		188.2			0				
#REF!		188.2			0				
#REF!		188.2			0				
#REF!		188.2							

COMMENTS & REMARKS

DAILY GEOLOGICAL REPORT

#REF!

WELL NAME			LOCATION			OPERATOR			RIG	
DEVALN ET AL TREE RIVER			ION 10 N67 19'14" W131 45			DEVLAN EXPLORATION INC			AKITA 14	
DATE	REPORT TIME	REPORTING TO		GEOLOGIST		RIG PHONE		MY CELL	TEMP	
31-Jan-01	800	SCOTT PATTERSON		KEITH ROBERTSON		997 2529		SAME		
K.B.(m)	G.L.(m)	K.B.-G.L. (m)		SPUD DATE		DAY No.		FORMATION		CURRENT CONDITIONS
188.2	184.1	4.1		28-Jan-01		4		IMPERIAL		CLEAR, COLD

CURRENT DATA

DEPTHS:	CURRENT	LAST REPORT	PROG.	BIT#	MAKE	TYPE	IN AT	METERS	TOTAL BIT HRS
0600 hrs	367	174	193	2A	VAREL	L127	38	329	29.75
DRILLING FLUID	DEN (kg/m^3)	VISCOSITY		WATER LOSS		pH	CHLOR. (ppm)	HRS DRLG	AVG ROP (m/hr)
GEL CHEM	1190	54				10	240	21	9.2

OPERATIONS SUMMARY FOR PAST 24 HOURS

DRILL SURFACE HOLE

OPERATIONS FORECAST

DRILL OUT PILOT HOLE

SURVEYS

DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.	DEPTH	INCL.	AZ.
296	1.°		354	.75°							
325	.5°										

GAS REPORT

BACKGROUND TOTAL GAS (UNITS, 100u = 1%)						GAS SHOWS (UNITS, 100u = 1%)				
FROM	TO	ROP	MAX	AVG	GROSS LITHOLOGY	FROM	TO	MAX	PREV.	LITHOLOGY
174	220	3to4 min	240	200	Shale					
220	250	3to4 min	200	160	Shale with sandstone beds					
250	285	6to8min	200	160	Shale with sandstone beds					
285	365	8to10min	160	90	Shale with sandstone & siltst					

FORMATION/MARKER TOPS

FORMATION/MARKER	PROGNOSIS		SAMPLE		FORMATION/MARKER	PROGNOSIS		SAMPLE	
	MD	SS	MD	SS		MD	SS	MD	SS
GLACIAL GRAVEL		188.2	5.0	183.2	#REF!		188.2		
IMPERIAL	5.0	183.2	40.0	148.2	#REF!		188.2		
#REF!		188.2			FORT CREEK	138.0	50.2		
#REF!		188.2			RAMPARTS (HUME)		188.2		
#REF!		188.2			BEAR ROCK		188.2		
#REF!		188.2			ORDOVICIAN		188.2		
#REF!		188.2			TD				
#REF!		188.2			0				
#REF!		188.2			0				
#REF!		188.2			0				
#REF!		188.2							

COMMENTS & REMARKS