

Cutterhead: Size 7 3/4 x 3 1/2 Kind Diamond-D&S Date Core Taken August 25, 1957

H. A. Holton
Signed

THE BRITISH AMERICAN OIL PRODUCING COMPANY

Core Report

LEASE Scott WELL NO D-1 FIELD Wildcat
 Core No. 2 From 6240 To 6291 Total Recovery in Feet 50' COUNTY San Juan, New Mexico
 Cutterhead Size 7 3/4 x 3 1/2 Kind Diamond D&S Date Core Taken August 27, 1957

DEPTH		Coring Time Min. Per Ft.	Amt. Rec.	Dip	Complete Formation Description	Fluid Content
From	To					
6240	6247	6,8,6,6,5,4,10	7'		Ss,vfg,gr,silty,sl mic,ti,few sh ptgs,few carb incl,v sl odor,no flor,ft bubbling effect w/ water.	
6247	6250 1/2	20,22,14,9	3 1/2'		Sh,blk,carb,few coal ptgs.	
6250 1/2	6256	8,5,7,5,5,3	5 1/2'		Ss,gr,vfg,mic,ti,silty & sly cly fill,num sh ptgs & lami, sl odor on break,50-53,V.F.,flor in V.F. & in few sh.	
6256	6259 1/2	3,12,5,5	3 1/2'		Sdy sh,gr-blk,hd & ti,sly r/w,sd,wh,fg,qtz,	N.S.
6259 1/2	6264	5,9,5,5,4	4 1/2'		Ss,gr,vfg,ti,mic & glauc,sly cly fill,had fair odor on brk,num sh ptgs & incl,num resid oil stn w/dk yell flor.	
6264	6267	2,10,6	3'		Lami sd & sh,blk,carb,sd same as 59 1/2-64.	
6267	6271 1/2	5,9,15,11,6	4 1/2'		Sh,blk,few scatt sd lami.	
6271 1/2	6281	5,4,5,3,5,5,2, 3,5,7	9 1/2'		Ss,gr,vf-fg,glau & mic,sly-v cly fill,has num sh ptgs & r/w sh locally,ocass coal incl & ptgs, hvy at 75-77,few resid oil stn,sd has sl odor.	
6281	6290	13,4,5,5,4,5,3, 4,5	9'		Ss,gr-wh,vf-fg,sly glau & sly cly fill,p-p&p, gd gas odor on brk,gd p.p. flor throughout.	

Remarks

H. A. Holtom

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Core Record:

<u>Core No.</u>	<u>Interval</u>	<u>Formation</u>	<u>Ft. Recovered</u>
#1	6148-92	Graneros	42'
#2	6240-91	Dakota	50'

Drill Stem Test Record:

D.S.T. #1 - 6265-6296 - Dakota

Open 60 min SI 30 min

Wk blo throughout test, no gas to surface.

Rec. 45' of sly gas cut mud

IFP 43#, FFP 43#, SIBHP 435#, HP 3185#

D.S.T. #2 - 6228-6266 - Dakota

Open 60 min SI 30 min

Weak blo when tool opened, decreasing to very weak at end of test.

No gas to surface

Rec 15' v sly gas cut mud

IFP 30#, FFP 30#, SIBHP #, not static, HP 3145#.

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WELL NAME	FROM	TO	THICK- NESS	LITHOLOGY
<u>The British-American #D-1 Scott</u>				
NE NE Sec. 20-28N-13W	1300	1500		Sample Description Starts Above Picture Cliff.
San Juan County, New Mexico	1500	1510		The few samples that were caught could not be interpreted.
	1510	1520		V.P.S. 3% ss, gr-bf, s&p, glau, cly fill, sh & cvg.
	1520	1540		Same
	1540	1550		V.P.S.
	1550	1570		5% ss, fg, mott, s&p, glau & mic, v cly fill, 95% sh, gr-brn, cvg.
	1570	1580		Same
	1580	1600		10% ss do, 90% sh do.
	1600	1610		Same
	1610	1620		25% ss, gr, vfg, s&p, glau, v cly fill, 75% sh do w/const cly & bent.
	1620	1630		Same
	1630	1700		V.P.S. 10% ss do, 90% sh do, few sdy.
	1700	2000		Impossible to interpret samples.
	2000	2010		Samples were only caught every 30-40' & are too poor to interpret.
	2010	2020		Tr ss, fg, s&p, gr, cly fill, 15% sltst, gr, vfg, 84% sh, gr-brn, sdy & silty.
	2020	2030		Tr ss do, 99% sh do.
	2030	2040		Same
	2040	2050		V.P.S.
	2050	2060		V.P.S.
	2060	2070		100% sh, gr-brn, few sdy?
	2070	2080		5% ss, gr, vfg, s&p, cly fill, 95% sh do.
	2080	2090		V.P.S. Same only few sh, sdy.
	2090	2100		V.P.S. Same
	2100	2110		Tr sd, few sltst, 98% sh.
				100% sh, brn, sdy, sl mic.

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WELL NAME	FROM	TO	THICK- NESS	LITHOLOGY
<u>British-American #D-1 Scott</u>	2110	2120		10% siltst, gr, vfg, s&ep, 90% sh do.
	2120	2130		Same
	2130	2140		10% ss, gr-dk gr, vfg, s&ep, glau & mtc, cly fill, few siltst do, 89% sh, sdy. do.
	2140	2150		5% ss do, 95% sh do, v sdy.
	2150	2160		15% v shly & silty sd, vfg, s&ep, 85% sh do sdy.
	2160	2170		10% siltst, gr, vfg, s&ep, tl, 90% sh, brn, v sdy & mtc, tr carb mat.
	2170	2180		Same
	2180	2190		70% sh do, 30% sh, gr, smo.
	2190	2200		Same.
	2200	2220		V.B.S.
	2220	2230		2% ss, gr, vfg, s&ep, cly fill, glau & mtc, shly, 10% siltst, gr, 88% sh, brn, sdy.
	2230	2240		Same
	2240	2250		V.P.S.?
	2250	2260		5% siltst, gr, vfg, s&ep, 95% sh do v/few smo.
	2260	2270		Same
	2270	2280		20% siltst, gr-brn, shly, s&ep, tl, 80% sh, gr-brn, sdy & mtc.
	2280	2290		Tr ss, gr, mott, s&ep, glau & mtc, cly fill, 20% siltst do, 79% sh do.
	2290	2300		25% siltst do, v sdy, 75% sh do.
	2300	2310		Same
	2310	2320		15% ss, gr, s&ep, vfg, glau & mtc, silty, 85% siltst & v silty sh, brn.
	2320	2330		Same sh v sdy & silty.
	2330	2340		100% siltst & v sdy sh, brn & mtc.
	2340	2370		Same
	2370	2380		5% ss, gr, vfg, s&ep, ply dev, glau & mtc, 95% siltst & sh do.
	2380	2390		Same

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WELL NAME	FROM	TO	THICK- NESS	LITHOLOGY
British-American #D-1 Scott	2390	2400		100% sh, brn, v sdy & mic, few slst.
	2400	2564		Samples from 2400-trip at 2564 are all from same bucket.
	2564	2600		Trip for bit.
	2600	2610		10% ss, gr, vfg, s&p, glau & mic, cly fill, 90% sh, gr-olive gr, smo.
	2610	2620		100% sh do.
	2620	2630		Tr ss do, 99% sh do, tr coal.
	2630	2640		2% ss, wh, s&p, fg, cln, well dev, glau & pyr incl, 5% ss do, 93% sh do.
	2640	2650		V.P.S.?
	2650	2660		100% sh, gr-olive gr, smo?
	2660	2670		20% ss, wh, fg, cln, do, 80% sh do.
	2670	2680		Same
	2680	2690		Tr ss do, 99% sh do.
	2690	2700		5% ss, gr, vfg, dns, s&p, glau, ti, 95% sh, gr-brn.
	2700	2710		15% ss, dk gr, vfg, hd & dns, s&p, glau & mic, 85% sh do.
	2710	2720		5% ss do, 10% sdy brn sh, 85% sh do, tr bent.
	2720	2730		25% ss do, 75% sh, gr-brn, smo.
	2730	2740		Tr ss do, 99% sh do.
	2740	2750		5% ss, gr, vfg, s&p, glau & mic, 95% sh do.
	2750	2760		Same w/tr coal.
	2760	2770		100% sh, gr-olive gr, few green.
	2770	2780		10% ss do, 90% sh do.
	2780	2790		100% sh, gr, smo.
	2790	2800		2% ss, tan, vfg, dns, s&p, mic, 98% sh do.
	2800	2810		70% sh, gr, do, 30% sh, brn, sly carb.
	2810	2820		Same tr coal.

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WELL NAME	FROM	TO	THICK- NESS	LITHOLOGY
British-American #D-1 Scott	2820	2850		Same
	2850	2860		100% sh, gr-olive gr, few brn, carb.
	2860	2900		V.P.S.?
	2900	2920		V.P.S.?
	2920	2930		100% sh, gr-dk gr, few brn, few sdy & mlc.
	2930	2960		Same
	2960	2970		20% ss, gr, vf g, s&g, v tl, v silty, 80% sh do few sdy.
	2970	2980		Same sh incr sdy.
	2980	2990		15% ss, gr-brn, vf g, s&g, silty, 85% sh, gr-brn, sdy.
	2990	3000		V.P.S.?
	3000	3030		V.P.S.?
	3030	3040		100% sh, gr-brn, few sdy.
	3040	3050		Same
	3050	3070		V.P.S.?
	3070	3080		20% brn, sdy, v silty sh, 80% sh, gr-brn.
	3080	3090		10% do, 90% do.
	3090	3100		10% ss, gr, vf g, s&g, v silty, 90% sh, gr-brn, few sdy.
	3100	3110		Tr ss do, 98% sh, gr-brn, tr carb mat.
	3110	3120		Tr ss do, 98% do, few sdy & mlc, tr coal.
	3120	3130		Same
	3130	3140		Tr ss do, few sltst, gr, vf g, s&g, 98% sh, gr-brn, few sdy.
	3140	3150		Same
	3150	3160		Shaker broken unable to interpret samples.
	3160	3220		Same.
	3220	3230		50% sh, brn, v carb, 50% coal.

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WELL NAME	FROM	TO	THICK- NESS	LITHOLOGY
<u>British-American #D-1 Scott</u>				
3230	3240			Tr ss, wh, fg, s&p, glau, 30% sh, brn, carb, 69% coal.
3240	3250			2% ss do, v silty, 60% sh, gr-brn, few sdy, 38% coal.
3250	3260			15% ss, gr-bf, vf, fg, s&p, glau, cly fill, 85% sh, gr-brn, sdy & mic, few carb.
3260	3270			20% ss do, few carb incl, 80% same, tr w/carb incl.
3270	3280			25% ss do, 75% sh do, few carb & coal incl.
3280	3290			Same 1% coal.
3290	3300			5% ss do, 15% sltst, brn vf, shly, 80% sh, gr-brn, tr sdy.
3300	3310			Same
3310	3320			25% ss, gr-wh, vf, fg, glau, s&p, cly fill, 75% sh, gr-brn.
3320	3330			Same few sdy.
3330	3340			10% same, 90% sh, gr-brn.
3340	3350			20% ss, wh, bf, s&p, fg, ply sort, glau & cly fill, 80% sh, gr-brn, tr carb.
3350	3360			10% ss do, 90% sh do.
3360	3370			25% ss do, few cln, 75% sh do.
3370	3380			5% ss do, 95% sh do.
3380	3390			10% ss, gr-bf, fg, ply sort, glau, cly fill, 90% sh, gr-brn, few carb incl.
3390	3410			No samples.
3410	3420			50% ss, gr-bf, vf-fg, s&p, ply sort, glau & mic, cly fill, 50% sh, gr-brn, few sdy.
3420	3430			35% ss do, 65% do.
3430	3440			Same w/few sltst.
3440	3450			25% ss do, 75% do, tr w/carb incl.
3450	3460			20% do, 80% do.
3460	3470			20% ss do, 79% sh do, tr coal.
3470	3480			20% ss do, 79% sh, few w/carb incl, 1% coal.
3480	3490			Same

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WELL NAME	FROM	TO	THICK- NESS	LITHOLOGY
British-American #D-1 Scott	3490	3500		10% ss do, 90% sh, gr-brn, few carb.
	3500	3510		5% ss do, 95% sh do.
	3510	3520		Same w/const sltst.
	3520	3530		1% ss do, 99% sh, gr-brn, sl mic.
	3530	3540		Same w/sl tr sltst.
	3540	3550		Same
	3550	3560		Same
	3560	3570		Same w/tr coal.
	3570	3580		100% sh, dk gr-brn, mic, tr carb mat.
	3580	3590		Same tr sltst.
	3590	3600		Same
	3600	3610		35% ss, gr-wh, vf-fg, s&p, glau & mic, ply sort, cly fill, 65% sh do.
	3610	3620		50% ss do, const w/clr gs, 50% do.
	3620	3630		Same
	3630	3640		25% ss do, becoming more dns & mic, 75% do.
	3640	3650		Same tr carb incl in sh.
	3650	3660		Same tr coal.
	3660	3670		25% ss do, 10% sltst, vf-fg, v sdy, s&p, mic, 65% sh do w/tr coal.
	3670	3680		Same
	3680	3690		50% ss, gr-bf, vf-fg, ply sort, glau, cly fill, 50% sh, gr-brn, tr sdy.
	3690	3700		75% ss do, 25% sh do.
	3700	3710		75% ss do, sl more mott, 25% sh do.
	3710	3720		75% do, 25% sh, gr-brn, few carb incl.
	3720	3730		Same
	3730	3740		Same

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WELL NAME	FROM	TO	THICK- NESS	LITHOLOGY
<u>British-American #D-1 Scott</u>				
3740	3750			20% ss do, 80% sh, brn, few gr, sdy & silty, sl mic.
3750	3760			Same
3760	3770			20% ss do, tr w/carb incl, 80% sh do, few carb incl.
3770	3800			V.P.S.??
3800	3880			V.P.S.??
3880	3890			25% ss, bf-wh, fg, ply sort, mott, 75% sh gr.
3890	3900			Same
3900	3940			V.P.S.??
3940	3990			No samples.
3990	4000			15% ss, gr-bf, fg, skip, glau & mic, m cly fill, 10% ss, tan, fg, mott, v mic, 75% sh, gr-brn, tr carb mat.
4000	4010			15% ss, gr-bf, do, 85% sh do, tr coal.
4010	4020			10% ss do, 15% sltst-ss, ply dev, gr, vf, 73% sh, gr-brn, sdy & silty, 2% coal.
4020	4030			25% ss, gr, vf, g, dns, skip, tl, 70% sh do, 5% coal.
4030	4040			Few ss, fg, clr gs, cly fill, same.
4040	4050			Same
4050	4060			15% ss do, 5% ss, brn-tan, fg, ply sort, mott, cly fill, 80% sh do, tr coal.
4060	4070			Same 2% coal.
4070	4080			50% ss, gr, fg, ply sort, skip, glau & mic, const clr gs, 50% sh, gr-brn
4080	4100			Same
4100	4110			35% ss, gr-wh, fg, skip, ply sort, sl glau & mic, 65% sh, gr-brn, few sdy, tr coal.
4110	4120			25% ss do, mott, 75% sh do.
4120	4130			Same w/tr coal.
4130	4240			V.P.S.??
4240	4250			5% ss, gr, vf, g, dns, silty, skip, 95% sh, gr-brn,

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WELL NAME	FROM	TO	THICK- NESS	LITHOLOGY
British-American #D-1 Scott	4250	4260		10% ss do, 90% sh do, sl sdy & mic.
	4260	4270		25% ss do w/few sltst, 75% sh do.
	4270	4280		75% ss gr, vfg, s.r., s&p, glau & mic, dns, fly mic & sly cly fill, 25% sh do, has sl bubbling effect, no cut, no stn, v silty.
	4280	4290		95% ss do, 5% sh do.
	4290	4300		75% ss do, 25% sh, gr-brn, mic.
	4300	4310		Same
	4310	4320		75% do, no bubbling effect, 25% sh do.
	4320	4330		50% do, 50% do.
	4330	4340		Same
	4340	4350		P.S. 35% do, 65% do.
	4350	4360		15% do, 85% sh, gr-olive gr, sly mic.
	4360	4370		5% do, 95% sh do, tr v/carb incl.
	4370	4400		Same
	4400	4410		100% sh, gr-olive gr, few brn.
	4410	4480		Same
	4480	4490		Same few sl silty & sdy.
	4490	4500		Same
	4500	4510		Same
	4510	4520		Same sly incr sdy & mic.
	4520	5100		Same
	5100	5110		100% sh, gr-olive gr, few sltst & few sdy.
	5110	5160		Same
	5160	5210		V.P.S.?
	5210	5220		100% sh, gr-olive gr, few silty, m sdy.

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WELL NAME	FROM	TO	THICK- NESS	LITHOLOGY
<u>British-American #D-1 Scott</u>				
5220	5250		Same	
5250	5260		Same w/few sltst.	
5260	5340		Same	
5340	5350		25% ss-sltst, v shly & slty, vfg, v ply dev, tan-brn, mic, sl calc, 75% do, sdy, sl bronze fluor.	
5350	5360		Same	
5360	5440		V.P.S.?	
5440	5450		10% sltst, shly, brn, mic, vfg, 90% sh, brn, sdy & mic.	
5450	5460		Same	
5460	5470		Same	
5470	5480		V.P.S.?	
5480	5490		Same as above	
5490	5500		Same	
5500	5510		100% sh, gr-brn, mic & sdy, few sltst.	
5510	5560		Same	
5560	5570		5% ss-sltst, wh, dns, vfg, ply sort, finly skp, 95% sh do.	
5570	5770		Same	
5770	5780		10% ss do, less slty, skp, glau, 90% do, few sltst.	
5780	5790		5% do, 95% do.	
5790	5600		5% ss do, gr-brn, shly, ply sort, 95% sh do, incr sltst.	
5600	5610		Same	
5610	5630		5% ss, wh, vfg, dns, ply sort, skp, glau, 5% ss, gr-brn, do, 90% sh do.	
5630	5640		10% ss do, 10% ss do, slty & shly, 80% sd do.	
5640	5650		5% ss do, 50% ss-sltst do, slty & shly, 45% sh, sdy & slty.	
5650	5660		25% ss-sltst do, 75% sh, v sdy.	
5660	5670			

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WELL NAME	FROM	TO	THICK- NESS	LITHOLOGY
<u>British-American #D-1 Scott</u>	5670	5680		Same
	5680	5690		15% do, 85% do.
	5690	5700		100% sh, gr-olive gr, sly sdy, few sltst.
	5700	5720		Same
	5720	5730		5% ss, gr-wh, vfg, s&p, glau, v sly cly fill, 95% sh do.
	5730	5740		10% sltst, sdy, vfg, brn, v shly, 90% sh do.
	5740	5750		Same
	5750	5760		Same sdy, sh.
	5760	5790		Same
	5790	5800		Same w/const sh, gr, smo.
	5800	5810		10% sltst, sdy, tr ls, brn-gr, sdy, f xlyn, dns, few grn do, 89% sh do.
	5810	5850		Same
	5850	5860		V.P.S.S. 100% sh, gr-olive gr, few sltst.
	5860	5910		V.P.S.S.?
	5910	5920		10% sltst, gr-brn, sdy, shly, 90% sh do w/few carb.
	5920	5950		Same
	5950	5960		100% sh, dk gr, smo.
	5960	5990		Same
	5990	6000		100% sh, gr-olive gr, mic & sly sdy, few sltst, gr, vfg, s&p.
	6000	6010		100% sh, brn, mic, tr sltst.
	6010	6020		Same
	6020	6030		Tr ls, brn, dns, shly, 99% sh do.
	6030	6050		Same
	6050	6080		V.P.S.S.?
	6080	6090		N.S.

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WELL NAME	FROM	TO	THICK- NESS	LITHOLOGY
<u>British-American #D-1 Scott</u>	6090	6100		Tr ls, gr-brn, shly, dns, pyr incl, 99% sh, gr-brn, few sdy, tr sltst, tr sh, grn, sm
	6100	6110		5% sltst, brn, sdy, vf, v hd & tl, 95% sh do.
	6110	6115		Same const sdy sh, tr carb.
	6115	6120		10% ls, brn, f xln, dns, 90% sh, do calc.
	6120	6125		Tr ss, fg, molt, ply sort, glau, sl calc, 1% ls do, 98% sh do, calc.
	6125	6130		Same few lse sgs.
	6130	6135		Tr ss, wh, vf, cln, s.r., 10% ls, tan, dns, earth, v.f. xln. 89% sh do, sly calc.
	6135	6140		Same
	6140	6145		1% ss do, calc-pyr incl, const lse gs, sd, 5% ls, do, w/few pyr incl, 94% sh do.
	6145	6150		Tr ss do, tr ls do, 98% sh, gr-dk gr, few sdy.
				S.L.M. Corr 4' - 6148 - Cored 6148-6192
	6192	6200		Tr ss, brn, vf, soft? 99% sh, gr-dk gr, tr ls, cvg.
	6200	6210		50% ss, tan, vf, silty, v hd & tl, no p&p, fair stn, gd cut & flor, 50% sh do.
	6210	6215		75% ss do, v/stn, cut & flor, 25% do.
	6215	6220		10% ss w/flor do, 75% ss, vf, v ply dev, ply sort, gr-tan, v shly & silty,
	6220	6225		v sly calc, hd & tl, 15% sh, gr, sdy.
	6220	6225		5% ss w/flor do, 40% ss, shly do, 55% sh, dk gr.
	6225	6230		Same
	6230	6235		75% ss, brn, vf, ply dev, v shly, few glau specks, hd & tl, 25% sh do.
	6235	6240		5% ss do, 25% ss, wh, vf-fg, cln, glr gs, N.S. 65% sh do, 5% bent, wh, mic.
	6240	Cir 45"		10% ss, wh, cln do, 40% ss, wh, fg, sly silty, v sly calc, 20% ss, gr, vf, hd & tl,
				shly, 30% sh do.
	6290	6300		N.S.
	6300	6310		20% ss, gr, wh, vf-fg, dns, hddtl, sly silty, 80% sh, gr-brn, tr sdy, tr bent.
	6310	6320		2% ss, wh, fg, s.a., tl, glau, molt, 98% sh do, tr bent.

GEOLOGIST

SAMPLE REPORT

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WELL NAME	FROM	TO	THICK- NESS	LITHOLOGY
<u>British-American #D-1 Scott</u>				
6320	6330			5% ss, wh, fg, ti, do, 5% sltst, brn, vf, ti, 90% sh do.
6330	6340			5% ss, tan, vf-fg, s.s., ti, sly cly fill, tr ss, wh, vf, glau, gtz, 5% sltst, do.
6340	6350			5% ss, tan, do, 5% ss, wh, fg, s.s., fair p&p, sly cly fill, 90% sh do, tr bent.
6350	6360			Same
6360	6370			10% ss, wh, tan, fg, s.s., fair-gd p&p, cln, 10% ss, tan, vf, v shly & silty, few appear to have stn, no cut or fl or, 3% ss, wh, vf, gtz, hd & ti, 77% sh do.
6370	6380			5% ss, wh, fg, do, tr ss, wh, gtz do, 25% ss, tan, vf, ti, mic, silty, 69% sh do.
6380	6390			Tr ss, wh, gtz do, 25% ss, tan, incr shly do, 74% sh do.
6390	6400			5% ss, tan do, 10% ss, wh, fg, s.r., cln, fair p&p, clr ss, 5% ss, wh, vf, glau specks gtz, hd & ti, 78% sh do, 2% bent.
6400	6410			Tr ss, wh, fg, cln, gd p&p, tr ss, wh, gtz do, 2% ss, tan do, tr chert, wh, smoky gr, brn, 95% sh, gr-olive gr, tr carb.
6410	6420			Same
6420	6425			Same w/tr ss, gr, vf, glau, mic, cly fill, tr sh, gr-grh, smo.

GEOLOGIST H. A. Holton