LAM-2749 (Rev. 9-62)
Printed in U.S.A.

SHELL OIL COMPANY
MARINE DIVISION

SIDEWALL CORE RECORD

Date 10-31-65

Type Sidewall Sampler Percussion, 30 shot, soft formation.

Cores Examined By R.I./E.K.

Section Twsp. Rge. SBB&M. MDB&M.

Area or Field Tillamook Area, Offshore, Oregon

Well OCS - P 072-1ET

DEPTH	REC	RUN	DESCRIPTION	* LITH SYMB	OIL SHOWS**								
							Sample Oil Fluor.			Cut		Summary	
Feet	Inches				% Oil Stain	Hydro-carbon Odor	%	Inten.	Color	Color of Cut	Color of Cut Fluor.	Show No. Avg.	Show Symb
			Recovered 18 samples. Left 9 bullets in hole. 3 bullets did not fire.										
665	-	1	Bullet missing	-									
730	-	1	Bullet missing	-									
798	-	1	Bullet missing	-									
866	-	1	Bullet missing										
890	1-3/4	1	Clay. Medium gray, firm with small pockets of very fine sand to silt size grains. Mica. Chip density = 1.920	C	0	—	—	—	—	—	—	—	0
918	2	1	Clay, as above at 890'. Silty, green mineral of fine sand grain size, micaceous, carbonaceous material? Chip density = 1.895	C	0	—	—	—	—	—	—	—	0
972	-	1	Bullet missing	-									
1034	2	1	Silty clay. Medium gray, firm, micaceous, red and green minerals, forams. Chip density = 2.015	C	0	—	—	—	—	—	—	—	0
1060	-	1	Bullet missing	-									
1136	-	1	Bullet missing	-									

*Lith. Symbol, % sand: C,0-5%; 1,5-30%; 2,30-65%; 3,65-85%; S,85-100%.

**See Legend for Oil Shows (over)

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SHELL OIL COMPANY
MARINE DIVISION

SIDEWALL CORE RECORD

Date 10-31-65

Type Sidewall Sampler Percussion, 30 shot. Soft formation

Cores Examined By R.I./F.K.

Section Twsp. Rge. SBB&M. MDB&M.

Area or Field Tillamook Area, Offshore Oregon

Well OCS-P 072-1ET

DEPTH	REC	RUN	DESCRIPTION	* LITH SYMB	OIL SHOWS**								
							Sample Oil Fluor.			Cut		Summary	
Feet	Inches				% Oil Stain	Hydro-carbon Odor	%	Inten.	Color	Color of Cut	Color of Cut Fluor.	Show No. Avg.	Show Symb
1220	-	1	Bullet missing										
1280	1-3/4	1	Clay. Medium-light gray, less silt size particles than at 1034', firm, micromica, shell fragments. Chip density = 2.015	C	0	—	—	—	—	—	—	—	0
1332	1½	1	Silty Clay. Medium-light brownish-grey, with inclusions of white silt size minerals or shell fragments? Black and orange-red minerals, abundant mica	C	0	—	—	—	—	—	—	—	0
			forams. Sample layered perpendicular in length Chip density = 1.920										
1390	1½	1	Clay. Medium gray, slightly less silty than at 1332', firm, micromica, occasional red and black minerals, laminated perpendicular to length Chip density = 1.850	C	0	—	—	—	—	—	—	—	0

1458	1½	1	Sand. Medium-dark gray, fine grained with clay infilling, firm and friable, sub-rounded-sub-angular, green, black and red minerals Chip density = 2.135	3	0	—	—	—	—	—	—	—	0
1479'	1½	1	Sand. Dark grey, fine grained with less clay infilling than at 1458', very friable, loosely packed moderately well sorted, multi-colored minerals, quartz. Chip density = 1.960	S	0	—	—	—	—	—	—	—	0

☆Lith. Symbol, % sand: C,0-5%; 1,5-30%; 2,30-65%; 3,65-85%; S,85-100%. ☆☆See Legend for Oil Shows (over)

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SHELL OIL COMPANY
MARINE DIVISION

SIDEWALL CORE RECORD

Date 10-31-65

Type Sidewall Sampler Percussion, 30 shots
Soft formation

Cores Examined By R.I./E.K.

Section ______ Twsp. ______ Rge. ______ SBB&M. MDB&M.

Area or Field Tillamook Area, Offshore Oregon

Well OCS-P 072-1ET

DEPTH	REC	RUN	DESCRIPTION	☆LITH SYMB	OIL SHOWS☆☆								
							Sample Oil Fluor.			Cut		Summary	
Feet	Inches				% Oil Stain	Hydrocarbon Odor	%	Inten.	Color	Color of Cut	Color of Cut Fluor.	Show No. Avg.	Show Symb
1486	1½	1	Silty Clay. Medium grey, firm, red and green silt size minerals, mica, forams, disintegrates rapidly in rig water Chip density = 1.990	C	0	—	—	—	—	—	—	—	0
1526	1½	1	Silty Clay. As above at 1486' with shell fragments, Laminations perpendicular to length - compressed by bullet impact? Chip density = 2.1075	C	0	—	—	—	—	—	—	—	0
1580	-	1	Bullet missing										
1640	1½	1	Silty clay. As above at 1486' with some very fine sand size particles. Small (2mm) pockets of white material-decomposed shell fragments? Chip density = 1.920	C	0	—	—	—	—	—	—	—	0
1670	1½	1	Clay. Medium grey-brown, slightly silty, firm, laminated perpendicular to length. Micromica Chip density = 1.875	C	0								0
1742	1½	1	Sandy Clay. Medium-dark grey with very fine (lower) sand grains, friable, mica, very small crystal development of occasional pyrite, shell fragments Chip density = 2.10	2	0	—	—	—	—	—	—	—	0

☆Lith. Symbol, % sand: C,0-5%; 1,5-30%; 2,30-65%; 3,65-85%; S,85-100%. ☆☆See Legend for Oil Shows (over)

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SHELL OIL COMPANY
MARINE DIVISION

SIDEWALL CORE RECORD

Date 10-31-65

Type Sidewall Sampler Percussion, 30 shot
Soft formation

Cores Examined By R.I./E.K.

Section ______ Twsp. ______ Rge. ______ SBB&M. MDB&M.

Area or Field Tillamook Area, offshore Oregon

Well OCS-P 072-1ET

DEPTH	REC	RUN	DESCRIPTION	☆LITH SYMB	OIL SHOWS☆☆

							Sample Oil Fluor.			Cut		Summary	
Feet	Inches				% Oil Stain	Hydro-carbon Odor	%	Inten.	Color	Color of Cut	Color of Cut Fluor.	Show No. Avg.	Show Symb
1792'	1¼	1	Sand. Dark grey, very friable, very fine-fine, moderately well sorted, angular-sub-angular, red and green minerals (glauconite?), quartz, mica, occasional forams, very little clay infilling. Chip density = 1.955	S	0	—	—	—	—	—	—	—	0
1856'	1-3/4	1	Clay. Medium-light gray, slightly silty, firm, occasional red mineral, some micromica, forams Chip density = 2.070	C	0	—	—	—	—	—	—	—	0
1909	1¼	1	Clay. As above at 1856' but medium-dark grey and slightly firmer and siltier with more mica. Shiny plane with grooving-like slickenslide - cuts sample Chip density = 2.030	C	0	—	—	—	—	—	—	—	0
1930	1-3/4	1	Silty Clay. Medium gray, firm, abundant micromica, Laminated perpendicular to length Chip density = 1.925	C	0	—	—	—	—	—	—	—	0
1992	2	1	Sandy Clay. Medium grey-brown, firm-friable, trace of red, black and green minerals, micromicaceous. Sand is very fine grained. Worm cast? Chip density = 2.045	1	0	—	—	—	—	—	—	—	0
2014	-	1	Bullet did not fire	-									
Reshot 720	-	1	Bullet did not fire	-									
Reshot 665	-	1	Bullet did not fire	-									

*Lith. Symbol, % sand: C, 0-5%; 1, 5-30%; 2, 30-65%; 3, 65-85%; S, 85-100%.

**See Legend for Oil Shows (over)

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SHELL OIL COMPANY
MARINE DIVISION

SIDEWALL CORE RECORD

Date 11-10-65

Type Sidewall Sampler Percussion, 30 shot, soft formation

Cores Examined By R. Iden, E. Koerperich

Section Twsp. Rge. SBB&M. MDB&M.

Area or Field TILLAMOOK AREA, OFFSHORE - OREGON

Well OCS p-072-1ET

DEPTH	REC	RUN	DESCRIPTION *	LITH SYMB	OIL SHOWS**								
							Sample Oil Fluor.			Cut		Summary	
FEET	INCHES				% Oil Stain	Hydro-carbon Odor	%	Inten.	Color	Color of Cut	Color of Cut Fluor.	Show No. Avg.	Show Symb
			5 misfires all on line 1 1 lost bullet 4 no recovery N.B. Fluorescene observed looks like mineral. (calcite?)										
2042	2	2	SAND. Medium-dark grey-brown, very fine upper with silt size infilling, easily friable, well-sorted, subangular to subrounded, forams, mica, occ. brick red mineral. Fluroresecnce occurs along breaks perpendicular to length of sample, mud along same. No mud fluorescence. Reacts with acid giving stong H_2S odor. Megafossils, thin shelled, small size. Chip density = 2.105 FDC density = 2.02	2	0	Slight on fresh surface 1-	30% 1.2	2	2+ Gr-GrY	0.5	0.5 Pale WY	1.03	.X
2050	1½	2	SILTY SAND. Medium-dark grey-brown, very fine grain with silt and clay infilling, easily friable, moderatly well sorted, subangular to subrounded, mica, brick red mineral, green mineral, strong H_2S odor with acid. Chip density = 2.047 FDC density = 2.00	2	0	very slight 1--	10% 0.4 a.	2	2+ Gr-GrY	0.5	0.5 Pale WY	.87	.X
2068	-	2	Misfire.										
2100	1-3/4	2	SANDY CLAY. Medium grey, firm, friable. Clay is sandy and silty with sand pods or stringers. Sand is very fine grained, subrounded to subangular. Shell fragments, forams, abundant mica, strong H_2S odor with acid. Chip density = 2.145 FDC density = 2.10	C	0	slight 1-	1% 0	2	2+ Gr-GrY	0	0	.71	.X

*Lith. Symbol, % sand: C, 0-5%; 1, 5-30%; 2, 30-65%; 3, 65-85%; S, 85-100%.

**See Legend for Oil Shows (over)

LAM 2749 (Rev. 9-62)
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SHELL OIL COMPANY
MARINE DIVISION

SIDEWALL CORE RECORD

Date 11-10-65

Type Sidewall Sampler Percussion, 30 shot, soft formation

Cores Examined By R. Idan, E. Koeperich

Section Twsp. Rge. SBB&M. MDB&M.

Area or Field TILLAMOOK AREA, OFFSHORE - OREGON

Well OCS-P072-1ET

DEPTH	REC	RUN	DESCRIPTION	* LITH SYMB	OIL SHOWS**								
							Sample Oil Fluor.			Cut		Summary	
FEET	INCHES				% Oil Stain	Hydro-carbon Odor	%	Inten.	Color	Color of Cut	Color of Cut Fluor.	Show No. Avg.	Show Symb
2136	2	2	SILTY CLAY. Medium grey, firm, friable, occ. pockets of very fine sand, abundant shell material, occ. brick red mineral, micromica. Strong H_2S odor with acid. Well preserved forams. Chip density = 2.160 FDC density = 2.20	C	0	-	-	-	-	-	-	-	0
2172	-	2	Misfire.										
2200	1-3/4	2	SILTY CLAY. Medium brown-grey, occ. sandy pockets, firm, friable some very fine sand grains. Mica, brownish - red soft material - organic or wood fragments? Very slight H_2S odor with acid. Chip density = 2.155 FDC density = 2.10	C	0	-	-	-	-	-	-	-	0
2220	2	2	SANDY CLAY. Medium grey-brown, with silt. Sand is very fine grained, subrounded - subangular. Occ. brick red mineral (volcanic origin?), quartz felspar? Forams. Chip density = 2.075 FDC density = 2.09	C	0			-	-	-	-		0
2232			Misfire.										
2250	2	2	SILTY CLAY. Medium brown-grey, firm, friable, sand pockets of very fine grain size. Mica, brick red mineral, green mineral. Sand pockets fluoresce. Very slight H_2S odor with acid. Chip density = 2.075 FDC density = 2.15	C	0	slight fm. pockets of snd. 1-	1% 0	2	2+ Gr-GrY	0	0	.71	.X

*Lith. Symbol, % sand: C, 0-5%; 1, 5-30%; 2, 30-65%; 3, 65-85%; S, 85-100%.

**See Legend for Oil Shows (over)

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SHELL OIL COMPANY
MARINE DIVISION

SIDEWALL CORE RECORD

Date 11-10-65

Section ______ Twsp. ______ Rge. ______ SBB&M. MDB&M.

Type Sidewall Sampler Percussion, 30 shot, soft formation

Area or Field TILLAMOOK AREA, OFFSHORE - OREGO

Cores Examined By R. Iden, E. Koeperich

Well OCS-P072-1ET

DEPTH	REC	RUN	DESCRIPTION	* LITH SYMB	OIL SHOWS**								
							Sample Oil Fluor.			Cut		Summary	
FEET	INCHES				% Oil Stain	Hydro-carbon Odor	%	Inten.	Color	Color of Cut	Color of Cut Fluor.	Show No. Avg.	Show Symb
2300	2	2	SANDY CLAY. Medium brown-grey, firm, friable. Sand is scattered (not in pockets) very fine grained, subrounded-subangular, poorly moderately well-sorted quartz, mica, red and green minerals. Forams H_2S odor with acid. Chip density = 2.135 FDC density = 2.23	1	0	0	1% 0	2	2+ Gr-GrY	0	0	.62	.X
2345	-	2	Misfire.										
2398	-	2	No recovery.										
2417	1½	2	SILTY CLAY. Medium grey-brown, very firm, difficulty friable, thin laminations, perpendicular to length (bullet compression), tightly packed, trace of micromica, shell fragments, forams? No reaction with acid. Chip density = 2.075 FDC density = 2.17	C	0	-	-	-	-	-	-	-	0
2440	-	2	Misfire.										
2510	-	2	No recovery.										
2600	1½	2	CLAY. Bluish-grey, firm, difficulty friable, slightly silty, clay is slightly soapy, black carbonaceous? pockets, micromica, forams. Strong reaction with acid giving slight H_2S odor. Calcareous.? Chip density = 2.10 FDC density = 2.15	C	0	-	-	-	-	-	-		0

*Lith. Symbol, % sand: C, 0-5%; 1, 5-30%; 2, 30-65%; 3, 65-85%; S, 85-100%.

**See Legend for Oil Shows (over)

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SHELL OIL COMPANY
MARINE DIVISION

SIDEWALL CORE RECORD

Date 11-10-65

Section ______ Twsp. ______ Rge. ______ SBB&M. MDB&M.

Type Sidewall Sampler Percussion, 30 shot, soft formation

Area or Field TILLAMOOK AREA, OFFSHORE - OREGO

Cores Examined By R. Iden, E. Koerperich

Well OCS-P-072-1ET

DEPTH	REC	RUN	DESCRIPTION	* LITH SYMB	OIL SHOWS **								
							Sample Oil Fluor.			Cut		Summary	
FEET	INCHES				% Oil Stain	Hydro-carbon Odor	%	Inten.	Color	Color of Cut	Color of Cut Fluor.	Show No. Avg.	Show Symb
2730	-	2	No recovery.										
2800	2	2	SILTY CLAY. Grey-brown, firm, difficulty friable, calcareous - some reaction with acid but no H2S forams, shell fragments	C	0		-	-	-	-	-	-	0
			Chip density = 2.05 FDC density = 2.11										
2848	2	2	SILTY CLAY. As above at 2800' but with pyrite. Chip density = 2.19 FDC density = 2.35	C	0	-	-	-	-	-	-	-	0
2954	1½	2	SILTY CLAY. As above at 2800' but slightly sticky and more friable. Reacts with acid - no H2S odor - calcareous	C	0	-	-	-	-	-	-	-	0
			Chip density = 2.05 FDC density = 2.10										
3042	-	2	Lost bullet.										
3063	2	2	SILTY CLAY. As above at 2954' but non-reactive with acid. Chip density = 2.14 FDC density = 2.10	C	0	-	-	-	-	-	-	-	0
3100	2	2	SILTY CLAY. As above at 3063'. Traces of decomposed forams? Chip density = 2.14 FDC density = 2.12	C	0	-	-	-	-	-	-	-	0
3175	1½	2	SILTY CLAY. As above at 3063' Chip density = 2.14 FDC density = 2.10	C	0	-	-	-	-	-	-		0

*Lith. Symbol, % sand: C, 0-5%; 1, 5-30%; 2, 30-65%; 3, 65-85%; S, 85-100%.

**See Legend for Oil Shows (over)

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MARINE DIVISION

SIDEWALL CORE RECORD

Date 11-10-65

Type Sidewall Sampler Percussion, 30 shot, soft formation

Cores Examined By R. Iden, E. Koerperich

Section **Twsp.** **Rge.** SBB&M. MDB&M.

Area or Field TILLAMOOK AREA, OFFSHORE - OREGON

Well OCS-P-072-1ET

DEPTH	REC	RUN	DESCRIPTION	* LITH SYMB	OIL SHOWS **								
							Sample Oil Fluor.			Cut		Summary	
FEET	INCHES				% Oil Stain	Hydro-carbon Odor	%	Inten.	Color	Color of Cut	Color of Cut Fluor.	Show No. Avg.	Show Symb
3175	1½	2	SILTY CLAY. As above at 3063' Chip density = 2.14 FDC density = 2.10	C	0		-	-	-	-	-		0
3249	2	2	SILTY CLAY. As above at 3063' Chip density = 2.075 FDC density 2.08	C	0		-	-	-	-	-		0
3288	1½	2	SILTY CLAY. As above at 3063'. Slightly sandier, brick red mineral. Chip density = 2.11 FDC density = 2.10	C	0	-	-	-	-	-	-	-	0
3348	1	2	SILTY CLAY. Grey-brown, medium, firm, friable, slightly sticky, occ. pockets of sandy material, slightly reactive with acid.	C	0	0	1% 0	1	2+ Gr-GrY	0	0	.47	.X
			Chip density = 2.11 FDC density = 2.00										
3450	-	2	No recovery.										
3480	1½	2	CLAY. Dark grey, friable, slightly soapy, shell fragments. Reacts with acid - no H2S odor. calcareous.	C	0	-						-	0
			Chip density = 2.16 FDC density = 2.10										

*Lith. Symbol, % sand: C, 0-5%; 1, 5-30%; 2, 30-65%; 3, 65-85%; S, 85-100%.

**See Legend for Oil Shows (over)

LAM-2749 (Rev. 9-62)
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SHELL OIL COMPANY
MARINE DIVISION

SIDEWALL CORE RECORD

Date 3/8/66

Type Sidewall Sampler SWSC CST-C 12 gm.

Cores Examined By J.J.S/C.G.M.

Section Twsp. Rge. SBB&M. MDB&M.

Area XXXXXXX Tillamook

Well OCS-P 072-1ET

DEPTH	REC	RUN	DESCRIPTION	☼ LITH SYMB	OIL SHOWS☼☼								
	INCHES				% Oil Stain	Hydro-carbon Odor	Sample Oil Fluor.			Cut		Summary	
							%	Inten.	Color	Color of Cut	Color of Cut Fluor.	Show No. Avg.	Show Symb
5031'	1 3/4	5	Claystone, medium gray, silty, broken, soft	C	0	0	0	0	0	0	0	0	X
5072'	"	"	Claystone as above at 5031'	C	0	0	0	0	0	0	0	0	X
5294'	1½	"	Claystone as above at 5031'	C	0	0	1.2 30b	1 WK	3 WY	0	.5 VPY	.8	.X
5328'	1½	"	Sandstone, gray, very fine, with silt size quartz, very calcareous, friable. Bulk Density 2.24	S	0	0	2.2 70b	1.5	3 W	0	.5 W	1	.X
5516'	1½	"	Claystone as above at 5031; siltstone in part (40%+) medium gray with dark brown staining.	C	0	0	0	0	0	0	0	0	X
			Microscopic slickensides, gypsum? veinlets.										
5645'	1½	"	Claystone, dark gray-brown, silty, soft, broken with microscopic slickensides		0	0	0	0	0	0	0	0	X
5660'	3/4	"	Sandstone, gray, subgraywacke, silt to course predominantly fine to medium, angular to sub-		0	0	2.4 80b	2	3 W	0	.5- W	1	.X
			round, abundant gray to black grains, green grains common, very calcareous, slightly argillaceous, friable, mica, Estimate low porosity.										
5728'	1½	"	Claystone, dark brown gray with thin gray silt-stone beds, soft.		0	0	1.0 25a	1	Pink Min?	0	.5 VPY	.4	X

☼Lith. Symbol, % sand: C,0-5%; 1,5-30%; 2,30-65%; 3,65-85%; S,85-100%. ☼☼See Legend for Oil Shows (over)

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SHELL OIL COMPANY
MARINE DIVISION

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SIDEWALL CORE RECORD

Date 3-8-66

Type Sidewall Sampler SWSC CST-C 12 gm.

Cores Examined By J. J. S. & C. G. M.

Section Twsp. Rge. SBB&M. MDB&M.

Area XXXXXXX TILLAMOOK

Well OCS-P 072-1ET

DEPTH	REC	RUN	DESCRIPTION	☼ LITH SYMB	OIL SHOWS☼☼								
	INCHES				% Oil Stain	Hydro-carbon Odor	Sample Oil Fluor.			Cut		Summary	
							%	Inten.	Color	Color of Cut	Color of Cut Fluor.	Show No. Avg.	Show Symb
5755	1½	5	Sandstone, gray, very fine, slightly calcareous, friable to hard, slightly argillaceous, estimate		0	0	1.8 60b	2	3 WY	0	.5 VPY	1	.X
			low porosity.										
5887	1	4	Claystone - dark gray brown, silty, broken, calcite vein	C	0	0	1.2 30b	1	3 YW	0	.5 PYW	.8	.X
5927	1/2	4	Sandstone, gray, very fine-medium, predominantly very fine, calcareous, slightly argillaceous,	S	0	0	2.4 80b	1.5	3 YW	0	.5 PYW	1	.X
			friable, no visible porosity.										
6217	3/4	4	Claystone as above.	C	0	0	0	0	0	0	.5- PYW	.04	X

6253	1/2	4	Sandstone gray, very fine-medium, argillaceous, calcareous, friable to difficult friable, no visible porosity.	S	0	0	2.5 85b	1.5	3 YW	0	.5- PYW	1	.X
6284	1/2	4	Sandstone gray, very fine-course, argillaceous, calcareous, occasional dark gray claystone pebble	S	0	0	0.4 10a	1-	3-	0	0	.5-	X
6344	1/4	4	Siltstone, black, argillaceous, friable, oil stained?	C	0	0	0	0	0	0	.5- PYW	.1-	X

☼Lith. Symbol, % sand: C,0-5%; 1,5-30%; 2,30-65%; 3,65-85%; S,85-100%. ☼☼See Legend for Oil Shows (over)

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SHELL OIL COMPANY
MARINE DIVISION

SIDEWALL CORE RECORD

Date 3-8-66

Type Sidewall Sampler SWSC CST-C 12 gm.

Cores Examined By J. J. S. & C. G. M.

Section Twsp. Rge. SBB&M. MDB&M.

Area ~~or Field~~ TILLAMOOK

Well OCS-P 072-1ET

DEPTH	REC	RUN	DESCRIPTION	☼LITH SYMB	OIL SHOWS☼☼								
							Sample Oil Fluor.			Cut		Summary	
	INCHES				% Oil Stain	Hydrocarbon Odor	%	Inten.	Color	Color of Cut	Color of Cut Fluor.	Show No. Avg.	Show Symb
6365	1½	4	Claystone, medium gray, at 5887'	C	0	0	0.4 10a	1	2 Y	0	0	.5-	X
6377	1/2	4	Sandstone, gray very fine-fine with occasional larger grain, argillaceous, very calcareous, friable	S	0	0	0.4 10a	1-	2.5 YW	0	0	.5-	X
6398	1/2	4	Sandstone, gray fine-medium, abundant black grains well sorted, slightly calcareous, slightly argillaceous, no visible porosity	S	0	0	2.2 75b	1.5	2.5 YW	0	.5 W	1-	.X
6428	1/4	4	Sandstone, gray, fine-coarse, well sorted, sub-angular-rounded, occasionaly large drak gray clay fragments, slightly argillaceous, friable, no visibile porosity	S	SAMPLE TOO SMALL FOR TESTS								
6443	1/4	4	Sandstone gray, fine-coarse, well sorted, sub-angular-rounded, slightly argillaceous, friable, no visible porosity	S	0	0	0	0	0	0	0	0	X
6505	3/4	4	Claystone dark gray brown, silty, broken	C	0	0	0	0	0	0	0	0	X

☼Lith. Symbol, % sand: C,0-5%; 1,5-30%; 2,30-65%; 3,65-85%; S,85-100%. ☼☼See Legend for Oil Shows (over)

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SHELL OIL COMPANY
MARINE DIVISION

SIDEWALL CORE RECORD

Date 3-8-66

Type Sidewall Sampler SWSC CST-C 12 gm.

Cores Examined By J. J. S. & C. G. M.

Section Twsp. Rge. SBB&M. MDB&M.

Area ~~or Field~~ TILLAMOOK

Well OCS-P 072-1ET

DEPTH	REC	RUN	DESCRIPTION	☼LITH SYMB	OIL SHOWS☼☼								
							Sample Oil Fluor.			Cut		Summary	
	INCHES				% Oil Stain	Hydrocarbon Odor	%	Inten.	Color	Color of Cut	Color of Cut Fluor.	Show No. Avg.	Show Symb
6567	1/2	4	Claystone as at 6505'	C	0	0	0	0	0	0	0	0	X
6676	3/4	4	Claystone as at 6505'	C	0	0	0	0	0	0	0	0	X
6695	1/8	4	Sandstone gray, medium gray to gray brown, appears fractured, pieces hard & tight but loosely held together, very fine, calcite vein	S	0	0	0	0	0	0	0	0	X

6824	1½	4	Sandstone, gray, silt-very fine with occasional larger grain mica, occasional calcite crystal,										
			slightly calcareous, slightly argillaceous, friable, slight porosity. Bulk Density: 2.42	S	0	0	1.2 30b	1-	2.2 Y	0	.5- PYW	.6	.X
6833	1 1/8	6	Sandstone gray, very fine-medium, slightly argillaceous with dark brown claystone fragments,	S	0	0	1.4 40a	1.5	3 YW	0	.5 PYW	.9	.X
			friable, slight porosity.										
6910	3/4	6	Sandstone gray medium gray brown, silt-medium, predominantly silt-very fine, friable, mica,	S	0	0	0	0	0	0	.5- PYW	.1-	X
			slight porosity.										

✩Lith. Symbol, % sand: C, 0-5%; 1, 5-30%; 2, 30-65%; 3, 65-85%; S, 85-100%.   ✩✩See Legend for Oil Shows (over)

Note: Run #6 CST-C 13 1/2 gm.

LAM-2749 (Rev. 9-62)
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SHELL OIL COMPANY
MARINE DIVISION

SIDEWALL CORE RECORD

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Date 3-8-66

Type Sidewall Sampler SWSC CST-C 12 gm.

Cores Examined By J. J. S. & C. G. M.

Section ______ Twsp. ______ Rge. ______ SBB&M. MDB&M.

Area ~~or Field~~ TILLAMOOK

Well OCS-P 072-1ET

DEPTH	REC	RUN	DESCRIPTION	✩LITH SYMB	OIL SHOWS✩✩								
							Sample Oil Fluor.			Cut		Summary	
	INCHES				% Oil Stain	Hydro-carbon Odor	%	Inten.	Color	Color of Cut	Color of Cut Fluor.	Show No. Avg.	Show Symb
7069	1/2	3	Sandstone gray, silt-coarse, with occasional dark gray rounded pebble, hard, no visible porosity	S	0	0	1.6 50b	1.5	2 W	0	.5 W	.8	.X
7155	1/2	3	Claystone dark brown gray, silty, broken, trace of stain?	C	0	0	0	0	0	0	.5 YW	.1-	X
7205	1¼	6	Claystone, dark brown gray, silty, broken, soft.	C	0	0	0	0	0	0	.5 PYW	.1-	X
7308	1¼	3	Claystone, as above	C	0	0	25% MIN	FAIR	WHITE	0	.5 PYW	.1-	X
7399	1/2	3	Claystone, as above	C	0	0	30% MIN	FAIR	WHITE	0	.5- PYW	.1-	X
7500	1/2	3	Claystone, as above	C	0	0	20% MIN	FAIR	WHITE	0	.5- PYW	.1-	X
7590	1	3	Claystone, as above	C	0	0	10% MIN	FAIR	WHITE	0	.5- PYW	.1-	X
7652	7/8	3	Claystone, as above	C	0	0	0	0	0	0	.5- PYW	.1-	X
7672	3/4	3	Claystone, as above + 15% calcareous gray silt	C	0	0	15% MIN	FAIR	WHITE	0	0	0	X

✩Lith. Symbol, % sand: C, 0-5%; 1, 5-30%; 2, 30-65%; 3, 65-85%; S, 85-100%.   ✩✩See Legend for Oil Shows (over)

Note: Run #6 CST-C 13-1/2 gm.

LAM-2749 (Rev. 9-62)
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SHELL OIL COMPANY
MARINE DIVISION

SIDEWALL CORE RECORD

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Date 3-8-66

Type Sidewall Sampler SWSC CST-C 12 gm.

Cores Examined By J. J. S. & C. G. M.

Section ______ Twsp. ______ Rge. ______ SBB&M. MDB&M.

Area ~~or Field~~ TILLAMOOK

Well OCS-P 072-1ET

DEPTH	REC	RUN	DESCRIPTION	✿ LITH SYMB	OIL SHOWS ✿✿								
							Sample Oil Fluor.			Cut		Summary	
	INCHES				% Oil Stain	Hydro-carbon Odor	%	Inten.	Color	Color of Cut	Color of Cut Fluor.	Show No. Avg.	Show Symb
7683	3/4	3	Sandstone fine-medium, silty, calcareous friable, no visible porosity, 60% of grains stained (mineral?) Bulk Density: 2.34-2.44	S	0	0	1.8 60%b	2	Wh to Yw 3	0	.5- PYW	1	.X
7695	1/2	3	Claystone, as at 7672'	C	0	0	5% MIN	FAIR	WHITE	0	.5- PYW	.1-	X
7708	1/4	3	Sandstone gray fine, silty, calcareous, friable no visible porosity	S	0	0	80% MIN	FAIR	WHITE	0	0	0	X
7719	1/2	3	Sandstone gray, fine, very calcareous, very hard, no visible porosity. Used hammer to break sample. Bulk Density 2.51 (Merc.)	S	0	0	80% MIN	FAIR	WHITE	0	0	0	X
7904	1	3	Sandstone dark gray fine, calcareous, very hard, tuffaceous?, calcite vein, no visible porosity Bulk Density 2.64	S	0	0	80% MIN?	FAIR	WHITE	0	.5 PYW	.1	X
7939	3/4	3	Sandstone gray, very fine-pebble, very calcareous-friable, no visible porosity	S	0	0	40% MIN	FAIR	WHITE	0	0	0	X
7982	1/2	3	Sandstone gray subgraywacke, fine-course, predominantly medium, calcareous, no visible porosity	S	0	0	75% MIN	FAIR	WHITE	0	.5 PYW	.1-	X

✿Lith. Symbol, % sand: C,0-5%; 1,5-30%; 2,30-65%; 3,65-85%; S,85-100%.

✿✿See Legend for Oil Shows (over)

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SHELL OIL COMPANY
MARINE DIVISION

SIDEWALL CORE RECORD

Date 3-8-66

Type Sidewall Sampler SWSC CST-C 12 gm

Cores Examined By J. J. S. & C. G. M.

Section Twsp. Rge. SBB&M. MDB&M.

Area XXXXXXX TILLAMOOK

Well OCS-P 072-1ET

DEPTH	REC	RUN	DESCRIPTION	✿ LITH SYMB	OIL SHOWS ✿✿								
							Sample Oil Fluor.			Cut		Summary	
					% Oil Stain	Hydro-carbon Odor	%	Inten.	Color	Color of Cut	Color of Cut Fluor.	Show No. Avg.	Show Symb
7992	3/8	3	Sandstone as at 7982' except more friable, more white argillaceous material	S	0	0	80% MIN	WEAK	YELLOW	0	0	0	X
8005	1½	3	Claystone as at 7695', gypsum	C	0	0	0	0	0	0	.5 PYW	.1-	X
8035	1/8	3	Siltstone dark gray brown, very calcareous, hard tight with claystone streaks	C	0	0	SAMPLE TOO SMALL FOR TESTS						
8139	1/2	3	Sandstone white, silt-very fine, soft, friable calcareous, argillaceous, tuffaceous? no visible porosity.	S	0	0	0	0	0	0	0	0	X
NO RECOVERY:			5118, 5137, 5170, 5190, 5205, 5220, 5235, 5252, 5364, 5382, 5386, 5395, 5418, 5441, 5477, 5623, 5825, 5989, 6200, 6233, 6263, 6272, 6303, 6324, 6415, 6544, 6840, 6875, 6885, 6889, 6914, 6946, 7005, 7040, 7205, 7725, 7819, 7963, 8067										
LOST BULLETS:			5137, 5170, 5180, 5235, 5364, 5386, 5418, 5477, 5838, 5989, 6035, 6133, 6470, 6871, 6945, 7003, 7800, 5584, 5838, 6037, 6134, 6146										

✿Lith. Symbol, % sand: C,0-5%; 1,5-30%; 2,30-65%; 3,65-85%; S,85-100%.

✿✿See Legend for Oil Shows (over)

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SHELL OIL COMPANY
MARINE DIVISION

[illegible] CORE RECORD

Date 2/24/66

Type Sidewall Sampler 8-11/16" Hycalog Diamond Head with split inner Core Barrel

Cores Examined By R. I. / G. S.

Section ______ Twsp. ______ Rge. ______ SBB&M. MDB&M.

Area or Field Tillamook Area - Offshore

Well OCS-P 072-1ET

Cut 14' in 3 Hrs. Recovered 5'. Diamond Head "Like New". Found 7' of Fill When Ran in With Barrel.

DEPTH	REC	RUN	DESCRIPTION	✪ LITH SYMB	OIL SHOWS ✪✪								
							Sample Oil Fluor.			Cut		Summary	
					% Oil Stain	Hydro-carbon Odor	%	Inten.	Color	Color of Cut	Color of Cut Fluor.	Show No. Avg.	Show Symb
CORE #2 7000' - 7014'	5'	-	Dense, hard, argillaceous & silty sandstone with a pebbly shale interbed. Sandstone fractured with calcite infilling. Shale crushed, brecciated, slickenslided and gouged. Pebble alignment 15°-20° from the normal to the core length. Slight hydro-										
			carbon odor with rubber odor to the base of core.										
7000'-7001¼'	1¼'	-	Sandstone Medium gray, hard-very hard, dense, poorly sorted, fine-medium fine, argillaceous and silty sandstone,	2	0	1	25% 1^{A}	3-	Gr-Y 3	0.5	0.5	1.24	.X
			slightly calcareous. Fractured with calcite infilling, slick surfaces, non-diagnostic bedding. Estimate low porosity & permeability. Probably		0	0+	40% 2^{A}	3-	Gr-Y 3	0.5	0.5	1.29	.X
			fracture porosity & permeability. Fracture plane at 7000½' looks as if it is moldy with white soft										
			substance that appears spotty & waxy & these spots strongly fluoresce. Sandstone has shale fragments included (10-15 MM size)										
			Chip Density 2.63-2.65 (Sampled 7000½'-7000 3/4')										
7001¼'-7003'	1-3/4'		Shale Very dark gray, moderately soft-firm, flaky, with pebble & cobble & grit size inclusions of sandstone	C to I	0	1-	0	0	0	0	0	.09	X
			as above. Shale is gouged with gouges appearing black and shiny, with slick marks. Looks carbonaceous.										
			Apparent pebble alignment at 15°-20° from normal to core length. Pebbles are subrounded & give conglomeratic look to bed.										
			Chip Density 2.61-2.63										

✪Lith. Symbol, % sand: C,0-5%; 1,5-30%; 2,30-65%; 3,65-95%; S,95-100%.

✪✪See Legend for Oil Shows (over)

LAM-2749 (Rev. 9-62)
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SHELL OIL COMPANY
MARINE DIVISION

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[illegible] CORE RECORD

Date 2/24/66

Type Sidewall Sampler 8-11/16" Hycalog Diamond Head with split inner Core Barrel

Cores Examined By R. I. / G. S.

Section ______ Twsp. ______ Rge. ______ SBB&M. MDB&M.

Area or Field Tillamook Area - Offshore

Well OCS-P 072-1ET

Cut 14' in 3 Hrs. Recovered 5'. Diamond Head "Like New". Found 7' of Fill When Ran in With Barrel.

DEPTH	REC	RUN	DESCRIPTION	✪ LITH SYMB	OIL SHOWS ✪✪								
							Sample Oil Fluor.			Cut		Summary	
					% Oil Stain	Hydro-carbon Odor	%	Inten.	Color	Color of Cut	Color of Cut Fluor.	Show No. Avg.	Show Symb
7003'-7005'	2'	-	Sandstone As sandstone on Page 1. (Sampled 7003½'-7003-3/4')	2	0	0+	10 1^{A}	2+	Gr-Y 3	0.25	0.25	1.02	.X
				2	0	1+	10 1^{A}	2+	Gr-Y 3	0.25	0.25	1.17	.X

○Lith. Symbol, % sand: C,0-5%; 1,5-30%; 2,30-65%; 3,65-85%; S,85-100%. ☆○See Legend for Oil Shows (over)

Feb. 21, 1966
6870 - 6881
GMV, EAK, GLS

AREA or FIELD CRANE
COMPANY SHELL OIL COMPANY
LEASE AND WELL NO. P-072-1ET

1 6870 6881 5'

4' SAND, Gray, hard to firm, mostly fine to med. grained with some coarse grains and some very fine grains. Common rounded dark gray to black shale granules up to ¼" in size. 85-90% dark gray quartz grains sub-rounded to rounded. Some muscovite, Feldspar and dark chert? grains. Some calcite cement. Sorting poor to fair. Estimated P&P, poor. (Broken pieces)

No obvious dip, but lineation of dark shale granules suggests possible 45° dip. Core broken into fragments along steep irregular fractures at 70°-80°. Abundant whitish interstitial clay?

45°
P-F

1' SHALE, Black, sheared and slickensided. BRECCIATED. (Resembled HOH BX) Contains ang. frag. of hard sst. Some minor white mineralization. Bluish-gray, soft sticky gouge interstitial to hard frac. frags.

RECORD OF SHOWS IN CORE	SHOW NO.
1. ODOR - Slight fleeting odor on fresh surfaces	1
2. % STAIN - Slight visible HC stain on fragments. Associated near larger grains. Less than 5% of surface stained.	0.2
3. CUT - Cuts very pale straw in color - one cut straw in color.	0.5
4. CUT FLUORESCENCE - bluish white - transparent tending toward translucidness.	1.5
5. FLUORESCENCE	
a. % - 30-35% of surface fluorescing. Spotty but uniformly spotty over surface	1.~~1~~2
b. Intensity - fair	2.0
c. Color - yellowish green.	3.0

When emersing sandstone frag. in $C_2H_3Cl_3$, fluorescing streamers slowly developed. When covering cushed sandstone sample with $C_2H_3Cl_3$, immediate bluish white fluorescence developed. Yellowish green fluorescence seemed to be associated near sample beneath bluish white solution.

Gas bubbling from mud sheath. 30% spotty fluorescence, blue-white cut flu. Two spots of oil staining. Caution Black pipe dope contamination.

Based on lineation of shale granules.

Spotly flu. Milky cut flu. Slight. pet. odor.