

1-30	Surface
100	Fine-grained sand, logs and roots
150	Gray water sand and boulders
175	Yellow clay
250	Brown shale and boulders
332	Brown shale, hard shells and boulders
390	Soft gray shale
420	Dark gray shale
447	Gray shale and boulders
450	Dark gray shale, sticky - some hard shale
465	Gray shale and shells
475	Hard shells, gray and sandy shale
489	Hard shells, shale and boulders
495	Shale and boulders
500	Hard shells
525	Coarse sandstone and shells - oil and gas show
528	Tough blue shale
531	Soft gray sandstone
538	Hard sandstone shells
579	Brown shale
582	Boulders
589	Sandy gray shale
617	Soft brown shale and boulders
618	Hard shell of shale
647	Sandy shale, some streaks of green shale

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649	Boulders
661	Brown sandy shale
665	Hard shale and conglomerate
675	Soft brown shale
690	Boulders, tough brown shale and shells
700	Black shale
720	Tough light brown shale
726	Coarse light brown sand shale
728	Hard sand shale
757	Sticky brown shale
758	Boulders
772	Light brown soft shale
779	Boulders
780	Tough brown shale and shell
800	Sticky brown shale
808	Boulders
810	Hard shell and hard brown shale
812	Boulders
815	Shell of hard shale
839	Hard brown shale
841	Boulders
850	Hard brown shale
865	Boulders
873	Soft brown shale
880	Hard brown shale
890	Boulders
892	Hard brown shell

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912	Hard brown shale
918	Boulders and hard shells
940	Hard brown shale and shells
965	Hard brown shale
975	Boulders
996	Soft light brown shale
998	Hard shell
1010	Light brown shale, tough
1017	Hard shell and shale
1022	Hard shell, blue lime
1045	Brown shale and boulders
1050	Brown shale
1053	Boulders
1056	Hard blue limestone
1085	Hard shell cement gravel
1095	Soft (sluffing) brown shale
1120	Brown shale
1140	Hard brown shale - some boulders
1177	Hard brown shale - boulders
1200	Alternating hard brown shale and boulders
1225	Light brown shale
1250	Soft sandy shale
1270	Boulders
1375	Soft brown sandy shale
1430	Hard shell, brown sandy shale
1435	Hard sand, shell, brown shale
1445	Soft shale, brown sluffing

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1450	Firm brown sandy shale
1497	Boulders in brown sandy shale
1540	Soft brown sandy shale
1545	Boulders
1610	Brown shale, alternating streaks of sandy shale
1615	Hard shell gray limestone
1675	Alternate streaks gray and brown shale
1696	Boulders and hard shells, gray and brown shale
1697	Hard lime shell
1710	Hard gray sandy shale
1715	Hard shell, gray limestone
1725	Gray and brown sandy shale
1735	Gray and brown sandy shale
1741	Soft brown sluffing shale
1745	Hard shell, fine gray sandstone
1780	Alternating hard gray sandstone and brown sandy shale
1810	Gray lime shale - soft and hard
1839	Gray and blue shale, hard shells, gray and white limestone
1847	Alternating streaks gray and brown shale, thin streaks of lime
1850	Hard shell, gray limestone
1875	Blue shale, hard shells, limestone and sandstone
1922	Blue lime - streaks of hard shells
1926	Hard shell, blue limestone
1935	Shell, gray sandstone - blue limestone
1940	Gray sandstone, hard shell
1945	Soft blue shale sluffing
1980	Blue shale, small brown sandstone boulders

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2000	Blue shale
2010	Grevelly brown shale
2020	Shell of hard brown shale
2035	Blue shale and kidneys of hard blue shale
2045	Light blue shale streaks and hard shells
2275	Blue shale
2350	Hard sandstone and gray limestone (10" landed at 2300)
2378	Hard sandstone and gray limestone
2380	Coarse brown gas sand
2444	Hard blue sandstone
2445	Gas sand - strong pressure
2480	Hard blue sandstone
2521	Blue sandstone
2530	Blue shale and shell, sandstone and shale - some gas
2600	Blue sandstone
2610	Light blue sandstone - sandy shale - some gas
2615	Hard blue sandstone
2634	Dark blue sandstone, coarse
2685	Soft blue gray sandstone
2690	Blue gray sandstone - hard
2705	Brown and gray shale
2735	Hard shells, sandy shale - blue and gray shale
2761	Hard shells of sandstone and blue and gray shale
2784	Blue and gray shale - sandstone and shale shells
2785	Hard shells, sandy shale
2790	Hard shells, gray and brown shale
2818	Gas sand - hard to put in mud to drill through

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2824	Sandy gray shale and hard shells
2836	Sandy gray shale
2844	Hard sandstone, shell and sandy gray shale
2846	Sandy gray shale
2852	Sandy gray shale, sandstone shells
2858	Blue and brown shale, sandstone shells
2930	Blue and brown shale - some sandstone shells
2941	Hard brown shale
2948	Brown shale
2952	Brown shale
2955	Brown shale, lime streaks
2957	Brown shale, lime streaks
2959	Brown shale
2962	Brown shale
2965	Brown shale, lime streaks
2970	Brown shale
2974	Brown shale
2981	Brown shale, soft - gas show
2990	Brown shale
2992	Brown shale, lime streaks
3017	Brown shale, sandy - gas show
3020	Brown shale, lime streaks
3027	Sandy coarse brown shale
3046	Brown shale, lime streaks
3057	Hard and soft streaks of brown shale
3060	Hard shell, brown shale
3079	Firm brown shale

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3090	Brown shale
3092	Soft brown shale - gas show
3099	Brown shale
3100	Brown shale, hard shell
3104	Brown shale and gypsum
3121	Brown shale and lime
3128	Brown shale, gypsum and lime
3131	Brown shale, hard
3142	Brown shale, lime streaks
3160	Brown shale, hard and soft
3189	Brown shale, hard
3201	Brown shale, hard
3208	Brown shale, firm
3210	Sandstone shell, pyrites
3220	Brown shale, soft
3342	Hard and soft streaks, soft brown shale and shells, hard shale
3354	Sand shale sluffing
3375	Blue shale
3380	Blue shale and shells
3385	Sand shale and brown platy shale
3442	Tough blue shale
3451	Sand shale
3454	Brown platy shale sluffing
3475	Blue shale
3500	Blue shale and shells, blue sandstone
3524	Sandy formation, gray sandstone and sand shale - gas and oil colors
3534	Blue black shale

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3554	Gray sandstone and dark blue shale - colors
3553 (?)	Hard shell, sandstone
3560	Black shale
3565	Gray sandstone and gray sandstone shale - blue black shale - colors
3675	Blue gray sand shale
3690	Coarse gray sandstone - oil and gas show
3693	Blue shale
3723	Fine and coarse oil sand
3729	Streaks of blue shale
3796	Coarse oil sandstone
3799	Blue shale streaks
3854	Oil sandstone - landed the 6 1/4"
3877	Oil sandstone
3968	Sand shale
3970	Gas sandstone
3986	Sand shale
4005	Hard sand shale - gas show
4016	Dark sand shale and shell of dark sandstone
4035	Black sandstone - hard
4046	Blue shale
4053	Hard dark shale, shell, dark sandstone
4063	Hard dark shale
4079	Hard dark sand shale
4095	Hard sand shale
4100	Black sandstone, hard
4155	Dark sand shale
4134 (?)	Hard sandy shale

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4174	Gray sandstone, shale hard and soft
4181	Dark gray sand shale, very hard
4185	Hard dark gray sand shale
4191	Hard shale, dark gray sandstone
4500	Dark gray black sandstone shale - hard and soft streaks
4545	Gray dark sandy lime shale - gas
4704	Dark lime shale
4711	Hard shell of lime
4772	Dark lime shale, gas at 4740
4808	Soft sluffing, lime shale (4 1/2" carried to 4599)

TOTAL DEPTH