

ENGRS. DONOHUE

ELEV. 2502' CM

WATER BASE MUD CORES DIAMOND

LOCATION 1650' FSL, 2310' FEL, SEC 15-22S-25W REMARKS SAMPLED BY REPRESENTATIVE OF CLIENT

FRACTURES

MILLIDARCYS

PERCENT PORE SPACE

40 30 20 10 0

80 60 40 20 0

POROSITY X---X
PERCENT

OIL SATURATION X---X
PERCENT PORE SPACE

40 30 20 10 0

20 40 60 80

(*) DENOTES PLUG PERMEABILITY

MARMATON

4546

— 4550

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4552.5-53.7	287	0.2	0.9	9.6	76.6
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2	4556.0-58.0	<0.1	<0.1	3.4	12.4	65.1
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3	4558.0-60.0	27	0.1	2.6	12.5	57.2
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4	4560.0-61.5	0.1*	1.8	8.8	65.4
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PENNSYLVANIAN
CONGLOMERATE

4565

4570.

4575

4580

4585

MISSISSIPPIAN

5	4589.0-90.0	<0.1	<0.1	1.7	0.0	80.6
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6	4591.4-93.4	1.0	0.6	10.8	19.1	58.3
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7	4593.4-95.4	0.3	0.3	13.4	20.6	55.3
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7	4593.4-95.4	0.3	0.3	13.4	20.6	55.3
8	4595.4-97.4	<0.1	<0.1	9.9	24.2	48.3
9	4597.4-99.4	<0.1	<0.1	4.2	2.8	83.5
10	4599.4-01.4	0.7	0.6	5.7	2.8	83.4
11	4601.4-03.4	27	23	14.8	23.2	47.5
12	4603.4-05.4	39	37	15.5	22.2	45.4
13	4605.4-07.0	0.2	0.1	6.1	3.3	81.3
14	4607.0-09.0	5.4	1.2	15.2	16.3	55.3
15	4609.0-11.0	<0.1	<0.1	13.3	12.3	69.2
16	4611.0-13.0	0.5	0.4	14.1	0.6	92.4
17	4613.0-15.0	<0.1	<0.1	15.5	0.4	92.4
18	4615.0-17.0	0.3	0.3	15.7	0.4	91.6
19	4617.0-19.0	<0.1	<0.1	1.5	4.1	71.0
20	4619.0-21.0	<0.1	<0.1	1.5	8.2	65.8
21	4621.0-23.0	<0.1	<0.1	1.9	3.1	77.8
22	4623.0-25.0	0.9	0.6	8.6	18.6	59.6
23	4625.0-27.0	<0.1*		3.4	6.2	66.3
24	4627.0-29.0	20	13	11.0	11.8	63.6
25	4629.0-31.0	1.7	1.4	14.2	20.2	61.4
26	4631.0-33.0	<0.1	<0.1	2.3	7.6	77.8
27	4633.0-35.0	<0.1	<0.1	4.9	2.4	82.8
28	4635.0-37.0	0.2	0.1	7.0	8.9	70.8
29	4637.0-39.0	1.6	0.7	8.8	2.4	76.3
30	4639.0-41.0	0.4	0.2	8.7	2.7	79.7
31	4641.0-43.0	0.2	0.1	7.1	TR	81.2
32	4643.0-45.0	0.3	0.2	8.2	TR	78.7
33	4645.0-46.7	0.2	<0.1	3.6	6.1	74.6
34	4646.7-48.1	13	2.9	13.9	1.8	83.6
35	4648.1-49.6	1.9	1.6	15.8	0.0	84.7
36	4649.6-51.0	3.6	2.4	11.6	0.0	84.9

