

CORE RECORD

<u>FROM</u>	<u>TO</u>	<u>REC</u>	<u>DESCRIPTION</u>
9600	9620	20'	20' lime and shale, no shows. 9600-04 Red and green shale, 9604-08 Gray shale w/lime inclusions 9608-09 Gray and black waxy shale 9609-10 Brown dense lime 9610-12 Gray lime 9612-16 Tan and brown dense lime 9616-20 Gray shale
9620	9640	20'	20' lime and shale 9620-23 Red and green shale, no shows. 9623-32 Lime w/green shale partings, no shows. 9632-34 Lime, 5 to 10% pin point and vuggy porosity, slight oil staining and odor. 9634-36 Dense lime, no shows. 9636-38 Brown lime, 10 to 15% vuggy porosity, fair oil stain and odor. 9638-40 Dense lime and green shale parting, no shows.
9640	9650	10'	10' lime and shale, no shows. 9640-43-1/2 Green shale 9643-1/2 - 47-1/2 Dense brown lime w/green shale partings, no shows. 9647-1/2 - 50 Gray and green shale, no shows.
9650	9685	35'	35' lime and shale, no shows. 9650-53 Dense brown lime w/abundant shale partings, no shows. 9653-57-1/2 Dense brown w/occasional shale partings, no shows. 9657-1/2 - 59 Black shale. 9659-64 Brown lime w/shale partings 9664-65 Green shale 9665-73-1/2 Dense brown lime w/shale partings 9673-1/2 - 82-1/2 Green and gray shale 9682-1/2 - 85 Dense brown lime
9685	9735	50'	50' lime and shale 9698-9700 Brown limestone, 30% inner crystalline porosity w/small vugs, good stain and odor, gas odor. 9701-1/2 - 92-1/2 Brown limestone, 10% small vugs, slight stain and porosity. 9730-35 Brown limestone, 10 to 20% inner crystalline porosity, light stain and odor.

DEVIATION SURVEY

<u>DEPTH</u>	<u>OFF VERTICAL</u>	<u>DEPTH</u>	<u>OFF VERTICAL</u>	<u>DEPTH</u>	<u>OFF VERTICAL</u>	<u>DEPTH</u>	<u>OFF VERTICAL</u>
90	1	3715	3/4	5350	3/4	7467	3/4
437	1-1/4	4147	1-1/4	5987	1/2	7785	1
818	1	4512	1	6586	1/4	8190	1-1/4
1400	3/4	4983	3/4	6857	3/4	8364	1
3518	1/2	5186	1	7052	1/2	8643	1-1/4
						8736	1

DRILL STEM TESTS

DST 9525-9565 Bough "A", 2 packers, 5/8" x 1" choke, 1-1/2 hrs. no WC, Nothing to surface, Rec. 200' drlg. mud + 900' salt water, no shows oil or gas, SFP 0#, BHFP 30-600# 15 min. S-I BHP 2930#, HH 5065-4950#.

DST 9624-9640 Bough "C", 2 packers, 5/8" x 1" choke, 1 hour, No WC, Nothing to surface, Rec. 20' drlg. mud, no shows oil, gas or water, SFP 0#, BHFP 50# 15 min. S-I BHP 50#, HH 5220# in and out.

DST 9695-9735 Permo Penn, 2 packers, 5/8" x 1" choke, 2 hours, No WC, nothing to surface Rec. 800' salt water + 500' slightly mud cut salt water, no shows oil or gas, SFP 0#, BHFP 80-500#, 15 min. S-I BHP 3600#, HH 5250-5100#.

