

WELL:				SCALLOP 1				BIT DIAMETER (in):				12.25"			
PERMANENT DATUM (m AMSL):				0				DATE:				25-Feb-03			
DF ELEVATION (m AMSL):				25.9				GEOLOGISTS:				Glen Smith / Gordon Wakelin-King			
TOOL STRING CONFIGURATION:				MRPS-MRHY-OFA-PO-SC(1gal)-MRMS-MRMS-MRDP											
RUN	TEST	DEPTH (m)		VOL cc	PRE-TEST DATA (CQG)				HYDROSTATIC PRESSURE (CQG)			TEMP °C	COMMENT		
		MDBDF	TVDSS		SIP psia	EMW ppge	md/cp	BEFORE	AFTER	EMW ppge					
1	1	1780.0	1754.01	20	2491.50	8.33		6242.4	3167.40	3173.00	10.43	80.9	Good Pretest		
1	2	1860.0	1833.99	20	2620.20	8.37		8429.2	3312.92	3309.10	10.44	81.6	Good Pretest		
1	3	1950.0	1923.96	20	2747.84	8.37		633.0	3467.68	3466.60	10.42	83.0	Good Pretest		
1	4	2140.0	2113.90	20	3018.25	8.37		6014.4	3801.15	3800.60	10.41	85.8	Good Pretest		
1	5	2180.0	2153.89	20	3074.66	8.37		920.4	3871.10	3870.70	10.41	87.0	Good Pretest		
1	6	2300.0	2273.86	20	3242.71	8.36		383.4	4081.62	4081.50	10.40	89.5	Good Pretest		
1	7	3162.0	3135.63	20	4610.41	8.62		41.3	5591.20	5591.51	10.37	114.9	Good Pretest		
1	8	3157.0	3130.63	20	4604.12	8.62		13.3	5582.80	5560.70	10.37	115.7	Good Pretest		
1	9	3155.5	3129.13	20	4603.02	8.62		25.9	5580.50	5580.40	10.37	116.1	SIPq minimum 4603.00		
1	10	3146.0	3119.64	20	4600.01	8.64		4.8	5563.88	5563.90	10.37	116.3	too tight to pump		
1	11	3146.5	3120.14	20									Seal failure and reset		
1	12	3146.5	3120.14	20	4598.77	8.64		39.1	5565.00	5564.50	10.37	117.9	Good Pretest samples 1 and 2 taken		
1	13	3143.5	3117.14	20	4597.32	8.64		4.2	5559.14	5559.16	10.37	117.3	Good Pretest		
1	14	3140.0	3113.64	20	4596.72	8.65		2.9	5553.31	5553.31	10.37	117.9	Good Pretest		
1	15	3144.0	3117.64	19.8	4597.79	8.64		11.8	5560.28	5560.40	10.37	117.4	Good Pretest		
1	16	3141.2	3114.84	20	4596.86	8.65		2.6	5555.51	5555.50	10.37	117.8	Good Pretest		
1	17	3129.5	3103.14	19.8	4645.81	8.78		10.7	5535.17	5534.90	10.37	117.1	Good Pretest - possible super charge		
1	18	3124.5	3098.14	20	4570.80	8.65		0.8	5526.32	5526.30	10.37	117.0	Good Pretest-lost seal at end of test.		
1	19	3124.0	3097.64	20					5507.10	5507.00	10.33	116.9	Tight no test		
1	20	3123.0	3096.64	19.8					5523.80	5523.77	10.37	117.0	Tight no test		
1	21	3120.5	3094.14	19.8	4562.37	8.64	2396.8	5519.34	5519.34	10.37	117.1		Good pretest samples 3 and 4 taken		
1	22	3109.0	3082.65	19.9	4541.34	8.63	879.4	5500.00	5499.56	10.37	116.7		Good pretest samples 5 and 6 taken		
1	23	3105.5	3079.15	19.9				5493.70	5493.67	10.37	116.6		Tight no test		
1	24	3106.0	3079.65	19.9	4543.89	8.65	2.9	5494.68	5494.62	10.37	116.5		Poor to fair test slightly tight		
1	25	3101.5	3075.15	19.9	4540.16	8.65	32.4	5487.45	5487.40	10.37	116.8		Good Pretest		
1	26	3063.5	3037.17	20				5420.67	5420.85	10.37	116.1		Tight no test		
1	27	3063.2	3036.87	20				5420.40	5420.42	10.37	115.8		Tight no test		
1	28	3059.5	3033.17	20	4449.99	8.60	3.2	5413.88	5414.34	10.37	116.1		Good pretest - pump out - water		
1	29	3046.5	3020.17	20	4406.59	8.55	7.5	5391.71	5391.80	10.37	115.3		Good Pretest		
1	30	3031.5	3005.18	20	4396.76	8.58	21.6	5365.60	5365.48	10.38	115.1		Good Pretest		
1	31	3029.5	3003.18	20	4400.33	8.59	2.9	5362.00	5361.78	10.38	114.6		Fair Pretest		
1	32	2987.0	2960.69	20				5287.77	5287.84	10.38	114.1		Tight no test		
1	33	2986.8	2960.49	20				5287.4	5287.46	10.38	113.7		Tight no test		
1	34	2984.0	2957.69	20				5282.6	5282.65	10.38	113.5		Tight no test		
1	35	2983.2	2956.89	20	4297.31	8.52	6.5	5281.3	5280.91	10.38	113.7		Fair Pretest		
1	36	2981.0	2954.70	20	4290.66	8.51	2.7	5277.3	5277.21	10.38	112.6		Good Pretest		
1	37	2955.0	2928.70	20				5231.8	5231.80	10.38	112.7		Tight no test		
1	38	2948.0	2921.71	20	4237.05	8.50	607.3	5219.6	5219.61	10.38	112.4		Good Pretest		
1	39	2944.0	2917.71	20	4231.58	8.50	77.6	5212.6	5213.63	10.38	112.1		Good Pretest		
1	40	2941.0	2914.71	20	4227.47	8.50	353.0	5207.5	5207.61	10.38	111.9		Good Pretest		
1	41	2930.5	2904.21	20	4212.98	8.50	101.4	5189.5	5189.16	10.38	111.3		Good Pretest		
1	42	2923.0	2896.71	20	4202.84	8.50	2.3	5176.2	5176.16	10.38	111.1		Fair Pretest		
1	43	2918.0	2891.71	20	4194.99	8.50	283.7	5167.5	5167.63	10.38	111.4		Good Pretest		
1	44	2914.0	2887.71	20	4190.72	8.51	161.8	5160.5	5160.44	10.38	111.3		Good Pretest		
1	45	2898.5	2872.22	20	4184.83	8.54	0.4	5133.5	5133.47	10.38	110.9		Poor to fair test slightly tight		
1	46	2891.0	2864.72	20	4172.19	8.54	0.9	5120.5	5120.63	10.38	110.0		Tight Test		
1	47	2840.0	2813.73	20	4093.00	8.53	131.1	5031.5	5030.84	10.39	107.9		Good Pretest		
1	48	2840.0	2813.73	20	4093.07	8.53	33.5	5030.4	5029.68	10.38	107.3		Good test, taken after 70min pumping for 1 gal sample		
1	49	2767.5	2741.25	20	3957.07	8.46	15.4	4904.3	4904.33	10.39	106.7		Good Pretest		
1	50	2764.5	2738.25	20	3952.85	8.46	132.1	4898.7	4898.94	10.39	106.2		Good Pretest		
1	51	2760.0	2733.75	20	3946.63	8.46	230.8	4891.1	4891.10	10.39	105.8		Good Pretest		
1	52	2754.5	2728.25	20	3941.41	8.47	521.8	4881.3	4881.54	10.39	106.0		Good Pretest		
1	53	2740.5	2714.25	20	3922.22	8.47	408.8	4856.9	4857.00	10.39	105.4		Good Pretest		
1	54	2715.0	2688.75	20	3888.33	8.48	3.7	4812.5	4812.24	10.39	105.2		Good Pretest		
1	55	2635.5	2609.27	20	3675.28	8.26	952.5	4673.3	4673.27	10.39	104.3		Good Pretest		
1	56	2630.0	2603.77	20	3671.70	8.27	1.9	4663.2	4663.10	10.39	102.6		Pressure did not stabilise		
1	57	2630.2	2603.97	20	3668.26	8.26	150.4	4663.5	4662.68	10.39	102.7		Good Pretest		
1	58	2595.0	2568.78	20	3641.65	8.31	28.2	4601.2	4601.41	10.39	102.4		Good Pretest		
1	59	2564.0	2537.78	20	3593.41	8.30	1402.7	4546.9	4547.16	10.40	101.7		Good Pretest		
1	60	2555.0	2528.78	20	3580.89	8.30	495.3	4531.2	4531.40	10.40	101.3		Good Pretest		
1	61	2450.0	2423.81	20									Tight Test - aborted		
1	62	2427.0	2400.82										Tight Test - aborted		
1	63	2426.5	2400.32	20	3371.69	8.23	576.2	4305.5	4305.60	10.40	99		Good Pretest		
1	64	2180.0	2153.89	20	3075.19	8.37	2157.1	3872.0	3871.89	10.41	96		Good Pretest		
1	65	1950.0	1923.96	20	2748.78	8.37	496.3	3467.0	3466.90	10.42	92		Good Pretest		
1	66	1780.0	1754.01	20	2492.72	8.33	6139.6	3167.6	3167.62	10.43	88		Good Pretest		

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TOOL STRING CONFIGURATION:				MRPS-MRHY-OFA-PO-SC(1gal)-MRMS-MRMS-MRDP									
RUN	TEST	DEPTH (m)		PRE-TEST DATA (STRAIN GAUGE)				HYDROSTATIC PRESSURE (STRAIN GAUGE)			TEMP °F	COMMENT	
		MDBDF	TVDS	VOL cc	SIP psig	EMW ppge	md/cp	BEFORE	AFTER	EMW ppge			
1	1	1780.0	1754.0	20.0	2486.0	8.31	6242.4	3151.6	3151.9	10.43	80.9	Good Pretest	
1	2	1860.0	1834.0	20.0	2613.0	8.35	8429.2	3290.0	3290.1	10.44	81.6	Good Pretest	
1	3	1950.0	1924.0	20.0	2739.1	8.34	633.0	3445.6	3445.7	10.42	83.0	Good Pretest	
1	4	2140.0	2113.9	20.0	3005.8	8.33	6014.4	3773.7	3774.4	10.41	85.8	Good Pretest	
1	5	2180.0	2153.9	20.0	3062.8	8.33	920.4	3844.5	3845.7	10.41	87.0	Good Pretest	
	6	2300.0	2273.9	20.0	3229.4	8.32	383.4	4053.2	4054.3	10.40	89.5	Good Pretest	
1	7	3162.0	3135.6	20.0	4596.2	8.59	41.3	5567.3	5568.4	10.37	114.9	Good Pretest	
1	8	3157.0	3130.6	20.0	4590.9	8.60	13.3	5560.1	5561.0	10.37	115.7	Good Pretest	
1	9	3155.5	3129.1	20.0	4590.4	8.60	25.9	5558.8	5559.2	10.37	116.1	SIPq minimum 4603.00	
1	10	3146.0	3119.6	20.0	4588.1	8.62	4.8	5543.7	5543.6	10.37	116.3	too tight to pump	
1	11	3146.5	3120.1	20.0								Seal failure and reset	
1	12	3146.5	3120.1	20.0	4587.4	8.62	39.1	5545.1	5543.6	10.37	117.9	Good Pretest samples 1 and 2 taken	
1	13	3143.5	3117.1	20.0	4584.6	8.62	4.2	5538.4	5538.4	10.37	117.3	Good Pretest	
1	14	3140.0	3113.6	20.0	4584.3	8.63	2.9	5532.9	5532.9	10.37	117.9	Good Pretest	
1	15	3144.0	3117.6	19.8	4586.0	8.62	11.8	5540.3	5540.5	10.37	117.4	Good Pretest	
1	16	3141.2	3114.8	20.0	4585.5	8.63	2.6	5536.2	5536.1	10.37	117.8	Good Pretest	
1	17	3129.5	3103.1	19.8	4634.9	8.75	10.7	5516.6	5516.3	10.37	117.1	Good Pretest - possible super charge	
1	18	3124.5	3098.1	20.0	4560.3	8.63	0.8	5507.8	5507.5	10.37	117.0	Good Pretest-lost seal at end of test.	
1	19	3124.0	3097.6	20.0				5525.5	5525.5	10.33	116.9	tight no test	
1	20	3123.0	3096.6	19.8				5505.6	5505.4	10.37	117.0	Tight no test	
1	21	3120.5	3094.1	19.8	4552.6	8.62	2396.8	5501.4	5501.5	10.37	117.1	Good pretest samples 3 and 4 taken	
1	22	3109.0	3082.6	19.9	4531.2	8.62	879.4	5481.6	5479.5	10.37	116.7	Good pretest samples 5 and 6 taken	
1	23	3105.5	3079.2	19.9				5473.8	5474.2	10.37	116.6	Tight no test	
1	24	3106.0	3079.7	19.9	4532.7	8.63	2.9	5475.4	5475.2	10.37	116.5	Poor to fair test slightly tight	
1	25	3101.5	3075.2	19.9	4529.8	8.63	32.4	5468.9	5468.9	10.37	116.8	Good Pretest	
1	26	3063.5	3037.2	20.0				5403.2	5403.5	10.37	116.1	Tight no test	
1	27	3063.2	3036.9	20.0				5404.2	5402.3	10.37	115.8	Tight no test	
1	28	3059.5	3033.2	20.0	4440.5	8.58	3.2	5395.9	5395.5	10.37	116.1	Good pretest - pump out - water	
1	29	3046.5	3020.2	20.0	4398.2	8.54	7.5	5374.5	5374.5	10.37	115.3	Good Pretest	
1	30	3031.5	3005.2	20.0	4388.7	8.56	21.6	5348.7	5348.5	10.38	115.1	Good Pretest	
1	31	3029.5	3003.2	20.0	4392.0	8.57	2.9	5345.2	5344.3	10.38	114.6	Fair Pretest	
1	32	2987.0	2960.7	20.0				5271.4	5271.4	10.38	114.1	Tight no test	
1	33	2986.8	2960.5	20.0				5271.0	5271.0	10.38	113.7	Tight no test	
1	34	2984.0	2957.7	20.0				5266.1	5266.1	10.38	113.5	Tight no test	
1	35	2983.2	2956.9	20.0	4290.3	8.50	6.5	5264.6	5262.8	10.38	113.7	Fair Pretest	
1	36	2981.0	2954.7	20.0	4283.4	8.50	2.7	5259.8	5259.9	10.38	112.6	Good Pretest	
1	37	2955.0	2928.7	20.0				5215.5	5215.7	10.38	112.7	Tight no test	
1	38	2948.0	2921.7	20.0	4231.2	8.49	607.3	5203.8	5203.8	10.38	112.4	Good Pretest	
1	39	2944.0	2917.7	20.0	4226.2	8.49	77.6	5197.0	5197.0	10.38	112.1	Good Pretest	
1	40	2941.0	2914.7	20.0	4222.3	8.49	353.0	5192.1	5192.1	10.38	111.9	Good Pretest	
1	41	2930.5	2904.2	20.0	4208.0	8.49	101.4	5174.2	5174.0	10.38	111.3	Good Pretest	
1	42	2923.0	2896.7	20.0	4198.0	8.49	2.3	5161.1	5160.9	10.38	111.1	Fair Pretest	
1	43	2918.0	2891.7	20.0	4190.7	8.49	283.7	5152.7	5152.7	10.38	111.4	Good Pretest	
1	44	2914.0	2887.7	20.0	4186.7	8.50	161.8	5146.1	5146.1	10.38	111.3	Good Pretest	
1	45	2898.5	2872.2	20.0	4180.8	8.53	0.4	5119.5	5119.7	10.38	110.9	Poor to fair test slightly tight	
1	46	2891.0	2864.7	20.0	4167.8	8.53	0.9	5106.1	5105.4	10.38	110.0	Tight Test	
1	47	2840.0	2813.7	20.0	4088.9	8.52	131.1	5017.9	5012.2	10.39	107.9	Good Pretest	
1	48	2840.0	2813.7	20.0	4087.2	8.51	33.5	5013.1	5010.4	10.38	107.3	Good test, taken after 70min pumping for 1 gal sample	
1	49	2767.5	2741.2	20.0	3950.9	8.45	15.4	4886.7	4886.6	10.39	106.7	Good Pretest	
1	50	2764.5	2738.2	20.0	3947.2	8.45	132.1	4881.6	4881.4	10.39	106.2	Good Pretest	
1	51	2760.0	2733.7	20.0	3941.1	8.45	230.8	4873.9	4873.6	10.39	105.8	Good Pretest	
1	52	2754.5	2728.2	20.0	3936.1	8.46	521.8	4864.4	4864.4	10.39	106.0	Good Pretest	
1	53	2740.5	2714.3	20.0	3917.6	8.46	408.8	4840.5	4840.5	10.39	105.4	Good Pretest	
1	54	2715.0	2688.8	20.0	3884.3	8.47	3.7	4797.0	4796.4	10.39	105.2	Good Pretest	
1	55	2635.5	2609.3	20.0	3674.0	8.25	952.5	4659.6	4659.2	10.39	104.3	Good Pretest	
1	56	2630.0	2603.8	20.0	3670.1	8.26	1.9	4649.1	4648.3	10.39	102.6	Pressure did not stabilise	
1	57	2630.2	2604.0	20.0	3667.3	8.25	150.4	4649.1	4646.5	10.39	102.7	Good Pretest	
1	58	2595.0	2568.8	20.0	3639.8	8.31	28.2	4586.4	4586.6	10.39	102.4	Good Pretest	
1	59	2564.0	2537.8	20.0	3592.5	8.30	1402.7	4533.2	4533.1	10.40	101.7	Good Pretest	
1	60	2555.0	2528.8	20.0	3580.1	8.30	495.3	4517.5	4517.3	10.40	101.3	Good Pretest	
1	61	2450.0	2423.8	20.0								Tight Test - aborted	
1	62	2427.0	2400.8									Tight Test - aborted	
1	63	2426.5	2400.3	20.0	3373.6	8.24	576.2	4294.3	4294.2	10.40	99.0	Good Pretest	
1	64	2180.0	2153.9	20.0	3081.3	8.38	2157.1	3867.3	3867.1	10.41	96.4	Good Pretest	
1	65	1950.0	1924.0	20.0	2757.7	8.40	496.3	3467.0	3466.3	10.42	92	Good Pretest	
1	66	1780.0	1754.0	20.0	2504.0	8.37	6139.6	3176.8	3170.1	10.43	87.9	Good Pretest	

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TOOL STRING CONFIGURATION		MRPS-MRHY-OFA-PO-SC(1gal)-MRMS-MRMS-MRDP												
RUN	Sample	DEPTH (m)		PRE-TEST DATA			PUMP-OUT DATA			SAMPLE DATA				COMMENTS
	#	MDBDF	TVDSS	SIP psia	EMW ppge	md/cp	VOL cc	TIME min	DD psia*	VOL cc	TIME min	DD psia*	°C	
1	1	3146.5	3120.14	4598.77	8.64	39.1	18135	39.9	3970	450	1.9	3540	117.9	chamber# MPSR-1591 OFA gas/water
1	2	3146.5	3120.14	4598.77	8.64	39.1		40.0	3970	450	1.8	3950		Duplicate sample: chamber# MPSR-1584 OFA:- gas/water
1	3	3120.5	3094.14	4562.37	8.64	2396.8	17100	15.2	4532	450	1.5	4540	117.4	chamber# MPSR-1590 OFA:- gas
1	4	3120.5	3094.14	4562.37	8.64	2396.8		15.2	4532	450	1.5	4540		duplicate chamber# MPSR-1583 OFA = gas
1	5	3109.0	3082.65	4541.34	8.63	879.4	26910	36.0	4493	450	2.1	4523	118.5	chamber# MPSR-1581 OFA = gas
1	6	3109.0	3082.65	4541.34	8.63			36.0	4493	450	1.9	4522		chamber# MPSR-1582 OFA = gas
1	*	3059.5	3033.2	4449.99	8.60	3.2	5850	35.7	1936.7				116.2	pump out to ID fluids- OFA = water?
1	*	2983.2	2956.89	4297.31	8.52	6.5	4880	29.4	2280.66				113.7	pump out for id fluid (filtrate 0.031ohmm)
1	7	2840.0	2813.7	4092.69	8.53	131.1	29755	29.1	3967.85	3785	10.5	4045	107.9	1 gallon chamber # MRSC-036, oil, ?plus gas
1	8	2840.0	2813.7	4093.00	8.53	33.5	19890	40.2	2860	450	2.0	2900	108.1	Oil, 10% gas, +/- filtrate chamber # MPSR-186
1	9	2840.0	2813.7	4093.07	8.53	33.5	2950	5.5	2870	450	2.0	2895	107.9	Oil, 10% gas, clean sample, chamber # MPSR-316
1	10	2630.2	2604.0	3668.26	8.26	150.4	47000	57.0	3415	450	1.2	3660	102.8	OFA results, 60%oil, 30%gas, 10% water, Res 0.20, Chambe # MPSR-477
1	11	2630.2	2604.0	3668.26	8.26	150.4	3510	5	3435	450	1	3661	102.7	OFA as above, res 0.23, FSIP 3665.1, building slowly, Chamber # MPSR-501
REMARKS:		All chambers were over-pressured to 3900 psi above hydrostatic. * depths were pump-outs only to identify formation fluid type. No sample taken.												

WELL:		SCALLOP 1		BIT DIAMETER (in):		12.25"		MUD TYPE:		KCl/PHPA/polymer/Glycol				
PERMANENT DATUM (m AMSL):		0.0		DATE:		25-Feb-03								
DF ELEVATION (m AMSL):		25.9		GEOLOGISTS:		Glen Smith / Gordon Wakelin-King								
TOOL STRING CONFIGURATION:		MRPS-MRHY-OFA-PO-SC(1gal)-MRMS-MRMS-MRDP												
RUN	SAMPLE No.	DEPTH (m)		CHAMBER	SAMPLE*	FLUID RECOVERY DATA*								COMMENTS (include chamber number)
		MDBDF	TVDSS	VOL cc	VOL cc	GAS scf	OIL cc	API**	GOR	CONT wt%	H2O cc	RES@25oC	Cl ppm	
1	1	3146.5	3120.14	450	100						250			Chamber serial number: #MPSR1591
1	2	3146.5	3120.14	450	100						300			Chamber serial number: #MPSR1584
1	3	3120.5	3094.14	450	350						Tr			Chamber serial number: #MPSR1590
1	4	3120.5	3094.14	450	350						Tr			Chamber serial number: #MPSR1583
1	5	3109.0	3082.65	450	380						Tr			Chamber serial number: #MPSR1581
1	6	3109.0	3082.65	450	390						Tr			Chamber serial number: #MPSR1582
1	7	2840.0	2813.7	1 gallon	3600						V Clean			Chamber serial number: #MRSC036
1	8	2840.0	2813.7	450	410			40.7	1705.0		Tr			Chamber serial number: #MPSR186
1	9	2840.0	2813.7	450	420									Chamber serial number: #MPSR316
1	10	2630.2	2604.0	450	395			40.0	1174.0		Tr			Chamber serial number: #MPSR477
1	11	2630.2	2604.0	450	420									Chamber serial number: #MPSR501
* Sample volumes refer to pressurised sample transfers. Fluid recovery data from bleed down of MDT tool following sample transfer. Complete final PVT and water analyses may be presented in separate reports.														
RUN	TEST	DEPTH (m)		CHAMBER	SAMPLE	GAS RECOVERY DATA								COMMENTS
		MDBDF	TVDSS	VOL cc	VOL cc	C1 ppm	C2 ppm	C3 ppm	iC4 ppm	nC4 ppm	iC5 ppm	nC5 ppm	H ₂ S ppm	
1	1a	3146.5	3120.14	450	100	76.56	7.10	2.66	0.53	0.94	0.28	0.30	0.00	H ₂ S by Draeger Measurement
1	1b	3146.5	3120.14	450	100	76.66	7.04	2.65	0.52	0.92	0.27	0.29	0.00	
1	3a	3120.5	3094.14	450	350	67.44	6.22	2.63	0.76	0.91	0.40	0.42	0.00	
1	3b	3120.5	3094.14	450	350	67.80	6.45	2.96	0.48	0.62	0.25	0.27	0.00	
1	5a	3109.0	3082.65	450	380	68.87	6.31	2.64	0.48	0.92	0.25	0.27	0.00	
1	5b	3109.0	3082.65	450	380	69.81	6.18	2.35	0.61	0.72	0.32	0.34	0.00	