

## SCHLUMBERGER

Survey report

7-May-2008 15:42:14

Client.....: 3D Oil Limited  
Field.....: West Seahorse

Well.....: West Seahorse-3  
Service Order Number.....: 08ASQ0005  
Engineer.....: J. Ikeda/S. Aung

Rig.....: West Triton  
STATE.....: Victoria

Spud date.....: 24-Apr-08  
Last survey date.....: 04-May-08  
Total accepted surveys....: 58  
MD of first survey.....: 0.00 m  
MD of last survey.....: 1810.00 m

----- Survey calculation methods-----  
Method for positions.....: Minimum curvature  
Method for DLS.....: Mason & Taylor

----- Depth reference -----  
Permanent datum.....: Mean Sea Level  
Depth reference.....: Driller's Pipe Tally  
GL above permanent.....: -39.50 m  
KB above permanent.....: 38.00 m  
DF above permanent.....: 38.00 m

----- Vertical section origin-----  
Latitude (+N/S-).....: 0.00 m  
Departure (+E/W-).....: 0.00 m

----- Platform reference point-----  
Latitude (+N/S-).....: 0.00 m  
Departure (+E/W-).....: 0.00 m

Azimuth from Vsect Origin to target: 62.96 degrees

----- Geomagnetic data -----  
Magnetic model.....: BGGM version 2007  
Magnetic date.....: 02-May-2008  
Magnetic field strength...: 1198.93 HCNT  
Magnetic dec (+E/W-).....: 12.84 degrees  
Magnetic dip.....: -68.78 degrees

----- MWD survey Reference Criteria -----  
Reference G.....: 1000.02 mGal  
Reference H.....: 1198.93 HCNT  
Reference Dip.....: -68.78 degrees  
Tolerance of G.....: (+/-) 2.50 mGal  
Tolerance of H.....: (+/-) 6.00 HCNT  
Tolerance of Dip.....: (+/-) 0.45 degrees

----- Corrections -----  
Magnetic dec (+E/W-).....: 12.84 degrees  
Grid convergence (+E/W-)..: -0.38 degrees  
Total az corr (+E/W-).....: 13.22 degrees  
(Total az corr = magnetic dec - grid conv)  
Survey Correction Type ...:  
I=Sag Corrected Inclination  
M=Schlumberger Magnetic Correction  
S=Shell Magnetic Correction  
F=Failed Axis Correction  
R=Magnetic Resonance Tool Correction  
D=Dmag Magnetic Correction

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SCHLUMBERGER Survey Report

Seq #	Measured depth (m)	Incl angle (deg)	Azimuth angle (deg)	Course length (m)	TVD depth (m)	Vertical section (m)	Displ +N/S- (m)	Displ +E/W- (m)	Total displ (m)	At Azim (deg)	DLS (deg/100f)	Srvy tool type	Tool Corr (deg)
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	TIP	None
2	77.50	0.00	0.00	77.50	77.50	0.00	0.00	0.00	0.00	0.00	0.00	Mudline	None
3	182.42	2.71	71.37	104.92	182.38	2.45	0.79	2.35	2.48	71.37	0.79	DMAG	None
4	210.69	4.37	68.61	28.27	210.60	4.19	1.40	3.99	4.23	70.67	1.80	DMAG	None
5	240.38	6.29	65.93	29.69	240.16	6.94	2.47	6.53	6.98	69.23	1.99	DMAG	None
6	269.55	8.46	63.88	29.17	269.08	10.68	4.07	9.91	10.72	67.67	2.28	DMAG	None
7	299.18	10.91	63.41	29.63	298.29	15.66	6.29	14.38	15.69	66.38	2.52	DMAG	None
8	328.89	13.72	61.49	29.71	327.31	22.00	9.23	19.99	22.02	65.22	2.91	DMAG	None
9	358.27	17.82	63.61	29.38	355.58	29.98	12.89	27.08	29.99	64.55	4.29	DMAG	None
10	388.46	17.83	64.35	30.19	384.32	39.22	16.94	35.38	39.23	64.41	0.23	DMAG	None
11	417.21	21.75	64.50	28.75	411.37	48.95	21.14	44.16	48.96	64.42	4.16	DMAG	None
12	446.30	26.47	63.34	29.09	437.91	60.83	26.38	54.83	60.84	64.31	4.97	DMAG	None
13	476.28	27.58	63.58	29.98	464.62	74.45	32.46	67.01	74.46	64.15	1.13	DMAG	None
14	505.67	26.63	62.50	29.39	490.78	87.84	38.53	78.95	87.85	63.99	1.11	DMAG	None
15	534.94	25.97	64.51	29.27	517.02	100.80	44.32	90.55	100.82	63.92	1.15	DMAG	None
16	564.20	25.07	64.48	29.26	543.43	113.41	49.75	101.93	113.42	63.99	0.94	DMAG	None
17	622.88	26.33	65.24	58.68	596.30	138.84	60.55	124.97	138.87	64.15	0.68	DMAG	None
18	653.06	26.86	63.15	30.18	623.29	152.34	66.44	137.13	152.38	64.15	1.09	DMAG	None
19	682.20	27.68	61.89	29.14	649.19	165.69	72.60	148.97	165.72	64.02	1.05	DMAG	None
20	711.65	27.35	62.23	29.45	675.31	179.30	78.97	160.99	179.32	63.87	0.38	DMAG	None
21	740.89	27.59	61.54	29.24	701.25	192.78	85.33	172.89	192.80	63.73	0.42	DMAG	None
22	771.14	27.55	61.08	30.25	728.07	206.78	92.05	185.17	206.79	63.57	0.22	DMAG	None
23	800.56	27.43	60.89	29.42	754.17	220.35	98.64	197.05	220.36	63.41	0.15	DMAG	None
24	829.48	27.85	61.35	28.92	779.78	233.76	105.12	208.79	233.76	63.28	0.49	DMAG	None
25	858.79	27.32	61.21	29.31	805.76	247.32	111.64	220.70	247.33	63.17	0.56	DMAG	None
26	888.16	27.56	61.54	29.37	831.83	260.85	118.12	232.58	260.85	63.07	0.29	DMAG	None
27	917.34	27.23	62.29	29.18	857.74	274.28	124.44	244.42	274.28	63.02	0.50	DMAG	None
28	947.31	27.18	62.67	29.97	884.39	287.98	130.77	256.57	287.98	62.99	0.18	DMAG	None
29	975.78	28.05	62.94	28.47	909.62	301.18	136.81	268.31	301.18	62.98	0.94	DMAG	None
30	1005.05	27.38	63.78	29.27	935.53	314.79	142.91	280.48	314.79	63.00	0.81	DMAG	None
31	1034.76	27.21	62.92	29.71	961.93	328.41	149.02	292.65	328.41	63.01	0.44	DMAG	None
32	1064.70	27.86	61.70	29.94	988.48	342.25	155.45	304.91	342.25	62.99	0.88	DMAG	None
33	1094.42	27.04	62.76	29.72	1014.85	355.95	161.84	317.03	355.95	62.96	0.98	DMAG	None
34	1124.36	25.87	62.20	29.22	1042.62	369.73	168.83	326.45	369.73	62.96	0.70	DMAG	None

34	1143.32	25.87	63.39	48.90	1058.63	377.73	171.70	336.45	377.73	62.96	0.79	DMAG	None
35	1155.24	25.60	63.14	11.92	1069.37	382.91	174.03	341.07	382.91	62.97	0.81	DMAG	None
36	1184.95	25.36	62.55	29.71	1096.19	395.69	179.87	352.45	395.69	62.96	0.57	DMAG	None
37	1214.47	26.04	61.37	29.52	1122.79	408.49	185.88	363.74	408.49	62.93	0.72	DMAG	None
38	1244.37	26.98	60.10	29.90	1149.55	421.82	192.41	375.38	421.82	62.86	1.11	DMAG	None
39	1273.71	27.90	59.30	29.34	1175.59	435.32	199.23	387.06	435.32	62.76	1.07	DMAG	None
40	1303.22	28.28	59.93	29.51	1201.62	449.19	206.26	399.04	449.20	62.67	0.55	DMAG	None
41	1333.07	28.34	61.42	29.85	1227.90	463.34	213.19	411.38	463.35	62.61	0.52	DMAG	None
42	1362.30	28.22	62.76	29.23	1253.64	477.18	219.68	423.62	477.19	62.59	0.53	DMAG	None
43	1392.46	27.26	63.75	30.16	1280.33	491.22	225.99	436.16	491.23	62.61	1.06	DMAG	None
44	1421.70	25.28	65.76	29.24	1306.55	504.15	231.52	447.86	504.16	62.66	2.44	DMAG	None
45	1451.62	22.71	67.51	29.92	1333.89	516.29	236.35	459.02	516.30	62.76	2.71	DMAG	None
46	1481.39	20.37	68.53	29.77	1361.58	527.18	240.45	469.15	527.18	62.86	2.40	DMAG	None
47	1511.23	17.28	67.57	29.84	1389.82	536.77	244.04	478.08	536.77	62.96	3.17	DMAG	None
48	1540.81	13.06	64.38	29.58	1418.36	544.49	247.16	485.16	544.49	63.00	4.45	DMAG	None
49	1570.48	10.61	59.84	29.67	1447.40	550.57	249.99	490.55	550.57	63.00	2.68	DMAG	None
50	1600.19	8.73	58.08	29.71	1476.68	555.55	252.55	494.83	555.55	62.96	1.94	DMAG	None
51	1629.88	8.74	67.66	29.69	1506.03	560.04	254.60	498.83	560.04	62.96	1.54	DMAG	None
52	1658.96	8.56	72.15	29.08	1534.78	564.38	256.10	502.93	564.38	63.01	0.76	DMAG	None
53	1688.35	8.90	69.06	29.39	1563.83	568.80	257.59	507.13	568.80	63.07	0.69	DMAG	None
54	1717.96	8.56	61.83	29.61	1593.10	573.28	259.45	511.22	573.28	63.09	1.25	DMAG	None
55	1747.50	8.58	55.23	29.54	1622.31	577.66	261.74	514.97	577.67	63.06	1.01	DMAG	None
56	1777.39	8.69	54.55	29.89	1651.86	582.11	264.32	518.64	582.11	62.99	0.09	DMAG	None
57	1789.31	8.74	56.02	11.92	1663.64	583.90	265.35	520.12	583.90	62.97	0.46	DMAG	None
58	1810.00	8.74	56.02	20.69	1684.09	587.02	267.11	522.73	587.02	62.93	0.01	Projected to TD	

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