

Bit Record

Well: West Seahorse-3																											
Date In	Date Out	IADC	Bit#	Size (in)	Ser #	Mfr	Type	Jets	TFA	D.In (m)	D.Out (m)	Prog (m)	Hrs IADC	ROP (ft/hr)	SPP (psi)	Flow (gpm)	WOB (klb)	RPM	MW (sg)	I	O1	D	L	B	G	O2	R
24 Apr 2008	24 Apr 2008	111	1	26.00	34406	REED	Y11C	1 x 16 3 x 22	1.31	77.5	125.0	47.5	3	15.83	1300	1200	6.00	65	1.02	0	0	RR					TD
25 Apr 2008	28 Apr 2008	115	2	17.50	6064689	HUGHES	MXL-T1V	3 x 20	0.92	125.0	1123.0	998	41	24.34	3100	1150	35.00	100	1.08	2	2	WT	A	E	I	BT	TD
02 May 2008		M422	3	12.25	218662	REED	RSX 616M-A16	3 x 16 3 x 15	1.107	1123.0	1810.0	687	26.5	25.92	1900	1000	10.00	150	1.11	2	1	CT	A	X	I	WT	TD

Wellname : West Seahorse-3

Drilling Co. : Seadrill

Rig : West Triton

DFE above MSL : 38.0m

Lat : 38 Deg 12 Min 25.077 Sec

Spud Date : 24 Apr 2008

Release Date : 09 May 2008

Water Depth : 39.5m

Long : 147 Deg 37 Min 9.810 Sec

Spud Time: 04.15

Release Time: 16.30

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## BHA Record

#	Date-in	Length	Weight	Weight Blw/Jar	String Weight	Pick-Up Weight	Slack-Off Weight	Torque Max	Torque on Bottom	Torque off Bottom	Description
1	24 Apr 2008	125.0			42.00	42.00	42.00				26"bit, 36" H/O, Bit sub, Anderdrift, 36" Stab,2 x 9" DC's, x-over, 5 x 8 1/4" DC's, x-over, 5 x HWDP.
2	25 Apr 2008	238.7	82500.00		175.00	202.00	154.00	10000	8000	5000	17 1/2" bit, Mud Motor, 17" Stab, X/O, Float Sub, 3 x 8" Pony NMDC's, X/O, Powerpulse, 2 x 8" NMDC's, 5 x 8" DC's, 8" Drl Jars, 2 x 8" DC's, X/O, 12 x HWDP
3	02 May 2008	173.3	41.00		202.00	260.00	161.00	13000	9000	6000	12 1/4" Bit, PD900, PD Receiver, PD Flex Collar, GVR-8, Power Pulse, NMDC, DC, Jar, DC, x/o, 12 x HWDP.

# PERFORMANCE UPDATE

## 17 1/2" MXL-T1V Dependable Performance



**WELL LOCATION:** GIPPSLAND BASIN – AUSTRALIA

**FORMATION:** Tertiary Pliocene (Gippsland Limestone)  
SB - 850m. (UCS <= 5kpsi)  
Early Oligocene (Lakes Entrance - Mudstone/Marl)  
850m – 1345mTVD. (UCS <=11kpsi)

**BHA:** 17 1/2" bit, Mud Motor (1.5° Bend), 17" Stab, X/O, Float Sub, 3 x 8" Pony NMDC's, X/O, Powerpulse, 2 x 8" NMDC's,  
5 x 8" DC's, 8" Drl Jars, 2 x 8" DC's, X/O, 12 x HWDP

**MUD:** WBM: 9.0 – 9.5 ppg

**HYDRAULICS:** 1150 GPM. Nozzles (3 x 20/32").

**OBJECTIVES:** Vertical Hole from 125mRT.  
KOP 180mRT. Build to 27° and Hold to 1135mRT

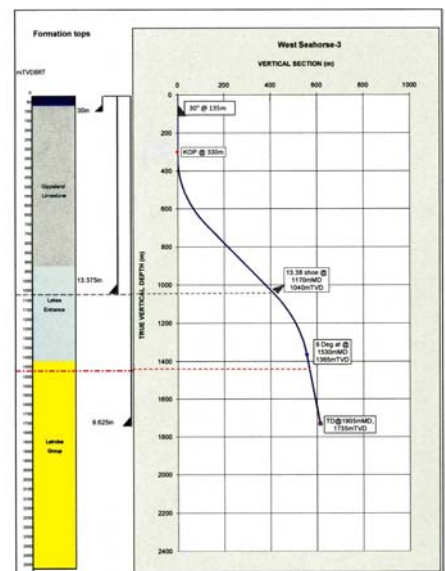
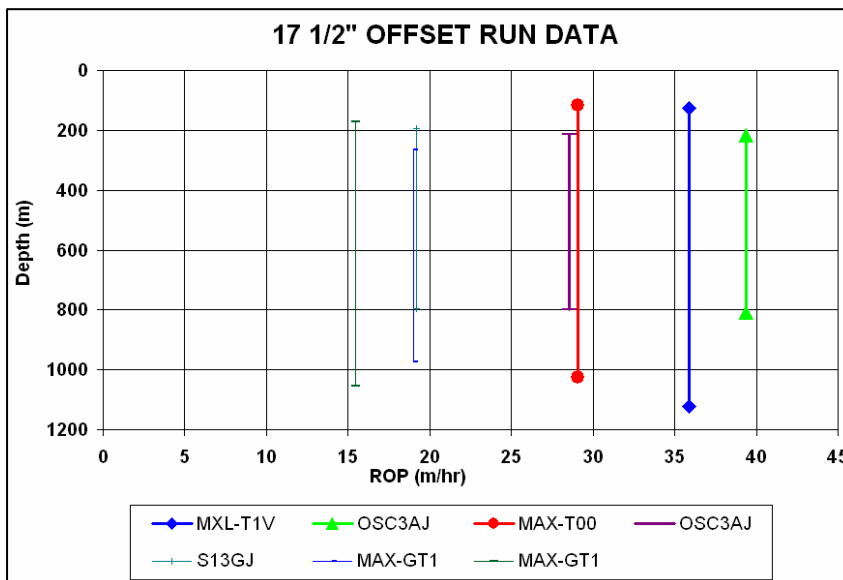
KOP#1 @ 172m.

768mRT Incl = 27.5°. Az = 61°.

**PERFORMANCE:** In: 125m Out: 1123m (TD) Dist: 998m  
Hrs: 27.8  
ROP = 35.9m/hr.

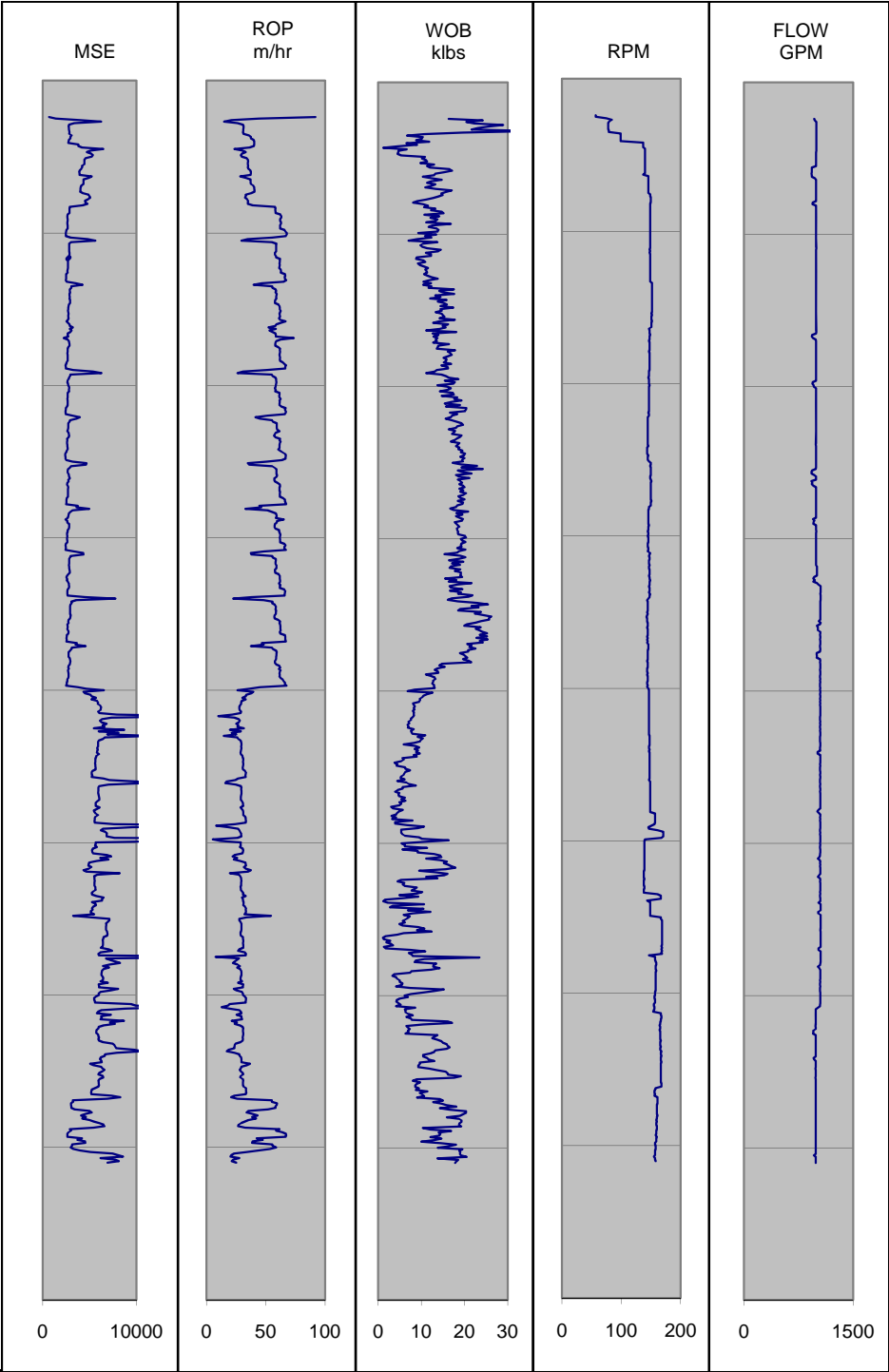


17 1/2" MXL-T1V  
(H2085402 )



Well Name	Manufacturer	Bit Size	Bit Type	IADC Code	Depth In	Depth Out	Depth Drilled	Drilling Hours	ROP (m/hr)	WOB	RPM	I	O	DC	L	B	G	O	RP
WEST SEAHORSE 2	HCC	17.5	MXL-T1V	117	125	1123	998	27.8	35.9	35	100	2	2	WT	A	E	IN	BT	TD
SUNFISH 2	HCC	17.5	OSC3AJ	111	218	809	591	15	39.4	10	150	1	1	WT	A	E	IN	NO	TD
LONGTOM 1	HCC	17.5	MAX-T00	415	116	1025	909	31.25	29.1	10	175	0	0	NO	A	E	IN	NO	TD
SNAPPER 4	HCC	17.5	OSC3AJ	111	215	800	585	20.5	28.5	20	150	2	2	WT	A	E	IN	NO	TD
SWEETLIPS 1	ReedHycalog	17.5	S13GJ	135	195	795	600	31.25	19.2	15	125	1	3	WT	H	E	IN	NO	TD
FORTESCUE A16A	HCC	17.5	MAX-GT1	115	264	972	708	37.3	19.0	35	180	1	1	WT	A	E	IN	NO	PR
FORTESCUE A-22	HCC	17.5	MAX-GT1	115	173	1055	882	57	15.5	15	180	1	1	NO	G	E	1/16"	NO	TD





MD  
m

1100

1200

1300

1400

1500

1600

1700

1800

1900

Bit Run Report

A Grant Prideco Company

Photos

12.25" RSX616M-A16

New Bit

Top View

Cutting Structure View

Well Data

Well Name	West Seahorse 3		
Field	Bass Strait		
Operator	3D Oil		
Contractor	ADA		
Rig Name	West Triton		
DD Co.	Schlumberger D&M		
Date In	2-May-08		
Date Out	4-May-08		

Bit Data

Size / Run #	12.25	Nozzles	3x16, 3x15
Type	RSX616M-A16	TFA (in <sup>2</sup> )	1.107
Serial No.	218662	Cutter size	16mm

Mud

Hydraulics

Type	WBM Brine	SPP (psi)	1900
M.W.	1.1	Flow (gpm)	1000
P.V.		Bit Pressure	
Y.P.		H.S.I	1.38

Bit Performance

In	Out	Mtr	Hours	ROP	WOB	RPM	V/D
1123	1810	687	26.5	25.92	10	150	D
IADC Hours		-	-	M/Hr IADC ROP			
TVD (In/Out)		-	-	Inc (In/Out)		-	-
Vert. Sec		-	-	Azm (In/Out)		-	-

Rig Dull Grading

2	1	CT	A	X	I	WT	TD
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REEDHycalog Dull Grading

NOT GRADED

Comments