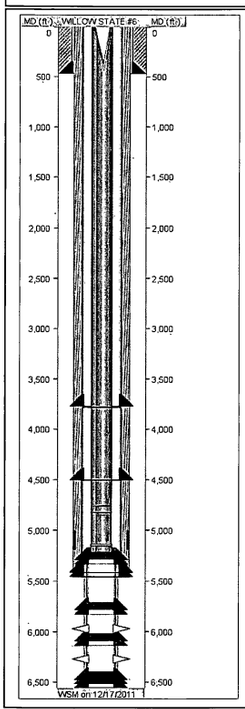
Well ID: 30-015-29609 **Well Name:** WILLOW STATE #6 **Event#:** 9.00 **Report Dates:** 12/17/2011



PIPE SPECIFICATION

STRING NAME	SECTION NAME	JOINT COUNT	START DEPTH	END DEPTH	LENGTH	OD SIZE	ID SIZE	WT GRDNT	GRD	CONN
SURFACE	CASING		0.00	466.00	466.00	8.63	8.10	24.0	J-55	
PRODUCTION	FLOAT SHOE		5455.50	5457.00	1.50	5.50	4.89	17.0	J-55	
PRODUCTION	CASING	1	5413.50	5455.50	42.00	5.50	4.89	17.0	J-55	
PRODUCTION	FLOAT COLLAR	1	5412.00	5413.50	1.50	5.50	4.89	17.0	J-55	
PRODUCTION	CASING	1	4506.00	5412.00	906.00	5.50	4.89	17.0	J-55	
PRODUCTION	DV TOOL	1	4503.00	4506.00	3.00	5.50	4.89	17.0	J-55	
PRODUCTION	CASING	1	3785.00	4503.00	718.00	5.50	4.89	17.0	J-55	
PRODUCTION	MARKER JOINT	1	3771.00	3785.00	14.00	5.50	4.89	17.0	J-55	
PRODUCTION	CASING	1	0.00	3771.00	3771.00	5.50	4.89	17.0	J-55	
TUBING	BULL PLUG		5218.62	5219.42	0.80					
TUBING	TUBING	2	5157.30	5218.62	61.32	2.88	2.44	6.5	J-55	
TUBING	DESANDER		5138.02	5157.30	19.28	3.00	1.25	6.5	J-55	
TUBING	SEAT NIPPLE		5136.92	5138.02	1.10	2.88	2.25	6.5	J-55	
TUBING	TUBING	10	4828.49	5136.92	308.43	2.88	2.44	6.5	J-55	
TUBING	TUBING ANCHOR		4825.64	4828.49	2.85	2.88	2.44	6.5	J-55	
TUBING	TUBING	2	4763.82	4825.64	61.82	2.88	2.44	6.5	J-55	
TUBING	PUP JOINT		4761.82	4763.82	2.00	2.88	2.44	6.5	J-55	
TUBING	TUBING	154	0.00	4761.82	4761.82	2.88	2.44	6.5	J-55	
TUBING	TUBING	1	0.00	4677.49	4677.49	2 88	2.44	6 5	J-55	
PRODUCTION LINER	FLOAT SHOE		6555.55	6557.00	1.45	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CASING	1	6517.98	6555.55	37.57	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CENTRALIZER		6516.61	6517.98	1.37	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	FLOAT COLLAR		6514.96	6516.61	1.65	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CASING	1	6475.62	6514.96	39.34	4 00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CENTRALIZER		6474.25	6475.62	1.37	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CASING	8	6138.65	6474.25	335.60	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CENTRALIZER		6137.28	6138.65	1.37	4.00	3.43	11 6	L80	UTFJ
PRODUCTION LINER	CASING	1	6093.29	6137.28	43.99	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CENTRALIZER		6091.92	6093.29	1.37	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CASING	6	5828.11	6091.92	263.81	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CENTRALIZER		5826.74	5828.11	1.37	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CASING	1	5782.76	5826.74	43.98	4.00	3 43	11.6	L80	UTFJ
PRODUCTION LINER	CENTRALIZER		5781.39	5782.76	1.37	4.00	3.43	11 6	L80	UTFJ
PRODUCTION LINER	CASING	10	5338.75	5781.39	442.64	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CENTRALIZER		5337 38	5338.75	1.37	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CASING	1	5293.32	5337.38	44.06	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CENTRALIZER		5291.95	5293.32	1.37	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CASING	1	5247.88	5291.95	44.07	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	STAGE TOOL		5244.83	5247.88	3.05	4.00	3 43	11.6	L80	UTFJ

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CEMENTING

STRING NAME	STAGE #	LEAD TOP (est) (ft)	LEAD TOP (ver) (ft)	TAIL TOP (est) (ft)	TAIL TOP (ver) (ft)
SURFACE	1	0.0	0.0		
PRODUCTION	1	4506.0	4506.0		
PRODUCTION	2	0.0			
PRODUCTION LINER	1	5244.0	5244.0	5244.0	5244.0

BHA STRING

DRILL EQUIP CODE	DESCRIPTION	LENGTH	OD SIZE	ID SIZE

PERFORATION

ZONE	JOB REPORT DATE	ZONE NAME	TOP DEPTH	BOTTOM DEPTH	HOLE SIZE	PEN SIZE	SQUEEZED
1	10/18/1997	BLINEBRY	5002.00	5196.00			Y
1	04/22/2011	BLINEBRY	6170.00	6370.00	0.34	27.00	N
2	04/23/2011	BLINEBRY	5870.00	6070.00	0.34	27.00	N