OREGON NATURAL GAS
WELL TEST DATA SHEET

COMPANY: NWEC
WELL: Cedar Point 14-26-64
FIELD: Mist
LOCATION: Columbia County, OR

ISITP: 639
ISICP:
Meter tube: 3.00
Orifice: 1.50

Date	Time	Differential Pressure (inches)	Static Pressure (psig)	Temperature (°F)	Flow Rate (mmcfd)	TP (psig)	CP (psig)	Choke (64ths)	Comments
7/23/92	3:00 PM	0.0	640		0.000				Begin 7 day flow test
	3:05 PM	28.0	610	54	2.020			25	
	3:50 PM	28.5	610	57	2.029			25	
	4:40 PM	28.5	605	58	2.029			25	
	5:10 PM	28.5	605	58	2.029			25	
	6:10 PM	28.5	605	57	2.029			25	
	7:10 PM	28.5	605	57	2.029			25	
	8:10 PM	28.5	605	57	2.029			25	
	9:10 PM	28.5	605	57	2.029			25	
	10:10 PM	28.5	605	57	2.029			25	
	11:15 PM	28.0	605	57	2.011			25	
7/24/92	12:15 AM	28.5	600	58	2.002			24	
	1:15 AM	28.5	600	58	2.019			24	
	2:15 AM	29.0	590	59	2.019			24	
	3:15 AM	30.0	590	59	2.053			24	
	4:15 AM	30.0	585	60	2.043			24	
	5:15 AM	30.0	580	60	2.034			24	
	6:15 AM	30.0	580	60	2.034			24	
	7:15 AM	30.0	580	60	2.034			24	
	8:15 AM	30.0	580	60	2.034			24	
	9:00 AM	30.0	580	60	2.034			24	
	10:00 AM	30.0	580	60	2.034			24	
	11:00 AM	30.0	580	60	2.034			24	
	12:00 PM	29.5	580	60	2.017			24	
	1:00 PM	29.5	580	62	2.017	585	611	24	
	2:00 PM	30.0	580	62	2.034	580	611	24	
	3:00 PM	30.0	580	63	2.034	580	611	24	
	3:45 PM	30.0	580	63	2.034	580	611	24	
	4:20 PM	30.0	580	63	2.034	580	611	24	
	5:20 PM	30.0	580	64	2.034	580	611	24	
	6:20 PM	30.0	580	64	2.034	580	610	24	
	7:20 PM	30.0	580	63	2.034	580	610	24	
	8:20 PM	30.0	580	62	2.034	570	610	24	
	9:20 PM	30.0	580	62	2.034	570	610	24	
	10:20 PM	28.0	570	62	1.946	560	605	24	
	11:20 PM	28.0	570	60	1.946	560	605	24	
7/25/92	12:20 AM	29.0	570	60	1.981	570	600	24	

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OREGON NATURAL GAS
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WELL: Cedar Point 14-26-64
FIELD: Mist
LOCATION: Columbia County, OR

ISITP: 639
ISICP:
Meter tube: 3.00
Orifice: 1.50

Date	Time	Differential Pressure (inches)	Static Pressure (psig)	Temperature (°F)	Flow Rate (mmcfd)	TP (psig)	CP (psig)	Choke (64ths)	Comments
7/25/92	1:20 AM	29.0	570	60	1.981	570	600	24	
	2:20 AM	29.0	570	60	1.981	570	600	24	
	3:20 AM	29.0	570	60	1.981	570	600	24	
	4:20 AM	29.0	570	60	1.981	570	600	24	
	5:20 AM	29.0	570	60	1.971	570	600	24	
	6:20 AM	29.0	565	60	1.981	570	600	24	
	7:20 AM	29.0	570	60	1.971	570	600	24	
	8:15 AM	29.0	565	60	1.971	570	605	24	
	9:00 AM	28.5	565	62	1.954	575	605	24	
	10:00 AM	58.0	565	63	1.937	575	605	24	
	11:00 AM	28.5	565	64	1.964	575	605	24	
	12:00 PM	28.5	570	65	1.964	575	605	24	
	1:00 PM	28.5	570	66	1.964	575	605	24	
	2:00 PM	28.0	570	66	1.946	575	605	24	
	3:00 PM	28.0	570	66	1.946	575	605	24	
	3:45 PM	28.0	570	66	1.946	575	605	24	Water in separator
	4:45 PM	28.0	570	66	1.946	575	600	24	
	5:45 PM	32.0	570	66	2.061	570	600	27	
	6:45 PM	32.0	560	65	2.061	570	600	27	
	7:45 PM	32.0	560	64	2.061	560	600	27	
	8:45 PM	32.0	560	63	2.061	560	600	27	
	9:45 PM	32.0	560	62	2.061	560	600	27	
	10:45 PM	32.0	560	62	2.061	560	600	27	
	11:45 PM	32.0	560	62	2.061	560	600	27	
	12:45 AM	32.0	560	61	2.061	560	600	27	
7/26/92	1:45 AM	32.0	560	60	2.061	560	600	27	
	2:45 AM	32.0	560	60	2.061	560	600	27	
	3:45 AM	32.0	560	60	2.061	560	600	27	
	4:45 AM	32.0	560	60	2.061	560	595	27	
	5:45 AM	32.0	555	60	2.061	560	590	27	
	6:45 AM	32.0	550	60	2.041	560	590	27	
	7:45 AM	32.0	550	60	2.041	560	590	27	
	8:15 AM	31.0	550	62	2.008	560	592	27	
	9:00 AM	31.0	550	62	2.008	555	592	27	
	10:00 AM	31.0	550	62	2.008	555	592	27	
	11:00 AM	31.0	550	64	2.008	555	592	27	
	12:00 PM	31.0	550	65	2.008	555	591	27	

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OREGON NATURAL GAS
WELL TEST DATA SHEET

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FIELD: Mist
LOCATION: Columbia County, OR

ISITP: 639
ISICP:
Meter tube: 3.00
Orifice: 1.50

Date	Time	Differential Pressure (inches)	Static Pressure (psig)	Temperature (°F)	Flow Rate (mmcfd)	TP (psig)	CP (psig)	Choke (64ths)	Comments
7/26/92	1:00 PM	31.0	550	65	2.008	555	591	27	
	2:00 PM	31.0	550	66	2.008	555	592	27	
	3:00 PM	31.0	550	66	2.008	555	592	27	
	3:45 PM	31.0	555	66	2.018	555	592	27	
	4:45 PM	32.0	557	66	2.055	560	585	27	
	5:45 PM	32.0	557	66	2.055	560	580	27	
	6:45 PM	32.0	556	64	2.053	560	580	27	
	7:45 PM	32.0	556	64	2.053	550	580	27	
	8:45 PM	32.0	556	63	2.053	550	580	27	
	9:45 PM	33.0	555	62	2.082	550	580	27	
	10:45 PM	34.0	559	62	2.112	550	580	27	
	11:45 PM	34.0	559	62	2.112	550	580	27	Est water rate 1 BPD
7/27/92	12:45 AM	32.0	550	61	2.041	550	580	27	
	1:45 AM	32.0	550	60	2.041	550	580	27	
	2:45 AM	32.0	550	60	2.041	550	580	27	
	3:45 AM	31.0	540	60	1.988	540	580	27	
	4:45 AM	31.0	540	60	1.988	540	580	27	
	5:45 AM	31.0	540	60	1.988	540	580	27	
	6:45 AM	31.0	540	60	1.988	540	580	27	
	7:45 AM	31.0	540	60	1.988	540	580	27	
	8:45 AM	31.0	540	60	1.988	545	580	27	
	9:45 AM	31.0	540	62	1.988	545	580	27	
	10:45 AM	31.0	542	64	1.992	550	580	27	
	11:45 AM	30.0	542	65	1.960	550	580	27	
	12:15 PM	33.0	540	65	2.052	545	580	28	Water sample
	1:15 PM	33.0	540	65	2.052	545	580	28	
	2:15 PM	33.0	540	66	2.052	540	580	28	
	3:15 PM	33.0	540	66	2.052	540	580	28	
	4:45 PM	33.0	540	66	2.052	540	570	28	
	5:45 PM	32.0	540	66	2.020	540	570	28	
	6:45 PM	32.0	540	66	2.020	540	570	28	
	7:45 PM	32.0	540	64	2.020	540	570	28	
	8:45 PM	32.0	540	63	2.020	540	570	28	
	9:45 PM	33.0	538	62	2.047	540	570	28	
	10:45 PM	33.0	538	62	2.047	550	570	28	
	11:45 PM	33.0	538	62	2.047	550	570	28	Est water rate 2 BPD
7/28/92	12:45 AM	33.0	538	62	2.047	550	570	28	

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WELL TEST DATA SHEET

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FIELD: Mist
LOCATION: Columbia County, OR

ISITP: 639
ISICP:
Meter tube: 3.00
Orifice: 1.50

Date	Time	Differential Pressure (inches)	Static Pressure (psig)	Temperature (°F)	Flow Rate (mmcfd)	TP (psig)	CP (psig)	Choke (64ths)	Comments
7/28/92	1:45 AM	33.0	538	62	3.047	550	570	28	
	2:45 AM	33.0	538	62	3.047	550	570	28	
	3:45 AM	33.0	538	61	3.047	550	570	28	
	4:45 AM	33.0	538	61	3.047	550	570	28	
	5:45 AM	33.0	530	61	2.031	550	570	28	
	6:45 AM	33.0	530	61	2.031	540	570	28	
	7:45 AM	33.0	530	61	2.031	530	570	28	
	8:45 AM	32.5	530	63	1.995	535	570	28	
	9:45 AM	32.0	530	64	1.979	535	570	28	
	10:45 AM	32.0	530	64	1.979	535	570	28	
	11:45 AM	32.0	530	65	1.979	535	570	28	
	12:45 PM	32.0	530	66	1.979	535	575	28	
	1:45 PM	32.0	530	66	1.979	535	575	28	
	2:45 PM	32.0	530	66.5	1.979	535	575	28	
	3:45 PM	32.0	530	67	1.979	535	575	28	
	4:45 PM	32.0	530	67	2.000	535	570	28	
	5:45 PM	32.0	530	68	2.000	540	570	28	
	6:45 PM	32.0	530	66	2.000	540	560	28	
	7:45 PM	32.0	530	64	2.000	540	560	28	
	8:45 PM	31.0	525	64	1.958	540	560	28	
	9:45 PM	31.0	525	63	1.958	535	560	28	
	10:45 PM	31.0	525	62	1.958	535	560	28	
	11:45 PM	31.0	520	62	1.958	530	560	28	Est water rate 2 BPD
7/29/92	12:45 AM	33.0	520	62	2.010	520	560	28	
	1:45 AM	33.0	520	62	2.010	520	560	28	
	2:45 AM	33.0	520	62	2.010	520	560	28	
	3:45 AM	33.0	520	62	2.010	520	560	28	
	4:45 AM	33.0	520	62	2.010	520	560	28	
	5:45 AM	32.0	520	61	1.979	520	560	28	
	6:45 AM	32.0	520	61	1.979	520	560	28	
	7:45 AM	32.0	520	61	1.979	520	560	28	
	8:45 AM	31.5	515	62	1.954	520	560	28	
	9:45 AM	31.5	515	63	1.954	520	560	28	
	10:45 AM	31.5	515	65	1.954	520	560	28	
	11:45 AM	31.5	520	65	1.964	520	560	28	
	12:45 PM	31.0	520	66	1.948	525	562	28	
	1:45 PM	31.0	520	66	1.948	525	562	28	

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OREGON NATURAL GAS
WELL TEST DATA SHEET

COMPANY: NWEC
WELL: Cedar Point 14-26-64
FIELD: Mist
LOCATION: Columbia County, OR

ISITP: 639
ISICP:
Meter tube: 3.00
Orifice: 1.50

Date	Time	Differential Pressure (inches)	Static Pressure (psig)	Temperature (°F)	Flow Rate (mmcfd)	TP (psig)	CP (psig)	Choke (64ths)	Comments
7/29/92	2:45 PM	31.0	520	67	1.948	525	562	28	
	3:45 PM	31.0	520	67	1.948	525	562	28	
	4:45 PM	31.0	520	67	1.948	525	560	28	
	5:45 PM	31.0	520	67	1.948	525	560	28	
	6:45 PM	31.0	520	68	1.948	520	560	28	
	7:45 PM	31.0	520	66	1.948	520	560	28	
	8:45 PM	31.0	520	64	1.948	520	560	28	
	9:45 PM	32.0	518	63	1.975	515	560	28	
	10:45 PM	32.0	518	63	1.975	510	555	28	
	11:45 PM	32.0	518	63	1.975	510	555	28	Est water rate 2 BPD
7/30/92	12:45 AM	32.0	518	62	1.975	510	555	28	
	1:45 AM	32.0	518	62	1.975	510	555	28	
	2:45 AM	32.0	518	62	1.975	510	555	28	
	3:45 AM	32.0	518	62	1.975	510	555	28	
	4:45 AM	32.0	518	62	1.975	510	555	28	
	5:45 AM	32.0	518	62	1.975	510	555	28	
	6:45 AM	32.0	515	62	1.963	510	555	28	
	7:45 AM	32.0	510	62	1.959	510	555	28	
	8:45 AM	31.5	510	64	1.943	515	555	28	
	9:45 AM	31.0	510	65	1.928	515	555	28	
	10:45 AM	31.0	510	66	1.928	515	555	28	
	11:45 AM	31.0	515	67	1.938	520	555	28	
	12:45 PM	31.0	515	68	1.938	520	555	28	
	1:45 PM	31.0	515	69	1.938	520	555	28	
	2:45 PM	31.0	515	69	1.938	520	555	28	Est water rate 2 BPD
7/30/92	3:00 PM	31.0	515	69	1.938	520	555	28	End flow test 6d well

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