OREGON NATURAL GAS
WELL TEST DATA SHEET

COMPANY NWEC
WELL CER 41-21-64
FIELD Mist
LOCATION Columbia County, OR

PERFORATIONS 1212'-1238', 1242'-1246', 1252'-1257'

Date	Time	Choke	Orifice Plate	Tubing Pressure (psig)	Casing Pressure (psig)	Merla ΔP (psig)	Flow Rate (mcfd)	Comments
8/20/91	7:16:00	0		365	366		0	Well SI
	7:17:15	10	3/8	340	342	38	155	Open @ 7:17 PM
	7:22:00	10	3/8	324	328	30.5	133	Yellow-orange flare
	7:26:00	10	3/8	310	312	29	129	
	7:29:00	10	3/8	305	308	28	125	
	7:32:00	10	3/8	302	304	28	125	
	7:32:15	9	3/8	305	307	11	69.4	
	7:36:00	9	3/8	312	314	12	72.6	
	7:41:00	9	3/8	316	318	13	76.3	
	7:46:00	9	3/8	318	320	13	76.3	
	7:51:00	9	3/8	318	320	13	76.3	13% CP drawdown
	7:56:00	9	3/8	318	320	12.5	74.4	(18% using 8/21/91 SICP)
	8:01:00	9	3/8	318	320	12.5	74.4	
	8:06:00	9	3/8	318	320	12	72.6	
	8:11:00	9	3/8	318	320	12	72.6	2 gas samples
	8:34:00	9	3/8	316	318	13	76.3	SI @ 8:34 PM
	8:34:15				320			
	8:34:30				322			
	8:34:45				324			
	8:35:00				326			
	8:35:15				327			
	8:35:30				328			
	8:35:45				330			
	8:36:00				332			
	8:36:15				333			
	8:36:30				334			
	8:36:45				335			
	8:37:00				336			
	8:37:15				337			
	8:37:30				338			
	8:37:45				339			
	8:38:00				340			
	8:38:30				342			
	8:39:00				343			
	8:39:30				344			
	8:40:00				346			
	8:40:30				347			
	8:41:00				348			

Mist CER 41-21-64

Date	Time	Choke	Orifice Plate	Tubing Pressure (psig)	Casing Pressure (psig)	Merla ΔP (psig)	Flow Rate (mcfd)	Comments
8/20/91	8:41:30				349			
	8:42:00				350			
	8:43:00			351	352			
	8:44:00				354			
	8:45:00				355			
	8:46:00				356			
	8:47:00				357			
	8:48:00				358			
	8:49:00				359			
	8:50:00				360			
	8:51:00				360.5			
	8:52:00				361			
	8:57:00			363	364			
	9:02:00			365	366			
	9:07:00			366	368			
	9:12:00				369			
	9:17:00				370			
8/21/91	7:00 AM			390	391			