

GROUNDWATER ELEVATION AND PSH¹ DATA

Livingston Ridge to Hugh - P. Sims Pipeline Leak

Lea County, New Mexico

Plains Pipeline, L. P. SRS Number 2001-1005

NMOCD File Number: 1R-0398

Terracon Project Number A4157008

All elevations are measured in feet above mean sea level

Monitor Well	Date Gauged	Relative Top of Casing Elevation (TOC)	Depth to PSH Below Top of Casing	Depth to Water Below Top of Casing	PSH Thickness	Corrected Relative Groundwater Elevation	PSH Recovered (gallons)	Volume Purged (gallons)
MW-3	08/15/02	3,367.36	-	36.22	-	3,336.51		
	09/30/02		-	37.13	-	3,335.60		
	11/06/02		-	35.72	-	3,337.01		
	02/27/03		36.11	36.34	0.23	3,336.59		
	03/06/03		35.97	37.06	1.09	3,336.60		
	03/18/03		-	36.00	-	3,336.73		
	03/20/03		-	36.05	-	3,336.68		
	03/27/03		-	36.02	-	3,336.71		
	04/16/03		-	36.18	-	3,336.55		
	05/12/03		-	36.24	-	3,336.49		
	05/21/03		-	36.34	-	3,336.39		
	06/03/03		-	36.36	-	3,336.37		
	07/31/03		-	35.47	-	3,337.26		
	08/06/03		-	37.39	-	3,335.34		
	08/20/03		-	37.66	-	3,335.07		
	10/02/03		-	37.71	-	3,335.02		
	10/07/03		-	38.69	-	3,334.05		
	10/16/03		-	38.00	-	3,334.73		
	10/22/03		-	38.09	-	3,334.64		
	10/28/03		-	38.09	-	3,334.64		
	11/06/03		-	38.19	-	3,334.54		
	11/10/03		-	38.21	-	3,334.52		
	11/18/03		-	37.93	-	3,334.80		
	11/25/03		-	32.35	-	3,335.01		
	12/04/03		-	37.93	-	3,334.80		
	12/17/03		-	37.95	-	3,334.78		
	12/22/03		-	38.63	-	3,334.11		
	01/02/04		-	37.85	-	3,334.88		
	01/19/04		-	38.31	-	3,334.42		
	01/27/04		-	38.24	-	3,334.49		
	02/02/04		-	38.34	-	3,334.39		
	02/17/04		-	37.87	-	3,334.86		
	02/25/04		-	37.86	-	3,334.87		
	03/01/04		-	37.84	-	3,334.89		
	03/10/04		-	37.87	-	3,334.86		
	03/15/04		-	37.99	-	3,334.74		
	03/17/04		-	38.27	-	3,334.46		
	03/22/04		-	38.20	-	3,334.53		
	03/24/04		-	37.81	-	3,334.92		
	03/29/04		-	38.29	-	3,334.44		
	03/31/04		-	38.30	-	3,334.43		
	04/12/04		36.30	37.94	1.64	3,336.18		
	04/15/04		-	33.87	-	3,338.86		
	04/19/04		-	33.29	-	3,339.44		
	05/06/04		-	33.66	-	3,339.07		
	06/23/04		33.52	33.57	0.05	3,339.20		
	06/25/04		33.49	33.56	0.07	3,339.23		
	06/30/04		33.47	33.52	0.05	3,339.25		
	08/18/04		-	32.41	-	3,340.32		
	09/10/04		-	31.95	-	3,340.78		
	09/21/04		-	32.19	-	3,340.54		
	10/05/04		-	29.12	-	3,343.61		
	10/19/04		-	27.05	-	3,345.68		
	11/02/04		-	27.14	-	3,345.59		

1. PSH = Phase Separated Hydrocarbons

2. - = Measureable thickness of PSH not observed

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NMOCD File Number: 1R-0398

Terracon Project Number A4157008

All elevations are measured in feet above mean sea level

Monitor Well	Date Gauged	Relative Top of Casing Elevation (TOC)	Depth to PSH Below Top of Casing	Depth to Water Below Top of Casing	PSH Thickness	Corrected Relative Groundwater Elevation	PSH Recovered (gallons)	Volume Purged (gallons)
MW-3	11/15/04	3,367.36	-	27.37	-	3,345.36		
	12/06/04		-	27.62	-	3,345.11		
	12/21/04		-	27.63	-	3,345.10		
	01/03/05		-	28.02	-	3,344.71		
	01/18/05		-	28.25	-	3,344.48		
	02/01/05		-	28.46	-	3,344.27		
	02/22/05		-	29.00	-	3,343.73		
	04/21/05		-	29.24	-	3,343.49		
	05/05/05		-	29.24	-	3,343.49		
	05/17/05		-	31.34	-	3,341.39		
	06/08/05		-	29.56	-	3,343.17		
	06/15/05		-	29.61	-	3,343.12		
	06/22/05		-	29.69	-	3,343.04		
	07/20/05		-	29.96	-	3,342.77		
	08/15/05		-	29.54	-	3,343.19		
	08/31/05		-	29.40	-	3,343.33		
	09/14/05		-	29.44	-	3,343.29		
	09/28/05		-	29.66	-	3,343.07		
	11/09/05		-	30.14	-	3,342.59		
	11/18/05		-	29.86	-	3,342.87		
	11/30/05		-	30.23	-	3,342.50		
	12/14/05		-	30.39	-	3,342.34		
	12/28/05		-	30.44	-	3,342.29		
	01/11/06		-	30.48	-	3,342.25		
	01/25/06		-	30.65	-	3,342.08		
	02/08/06		-	30.71	-	3,342.02		
	02/16/06		-	30.17	-	3,342.56		
	02/22/06		-	30.74	-	3,341.99		
	03/08/06		-	30.76	-	3,341.97		
	04/10/06		-	30.33	-	3,342.40		
	05/22/06		-	30.53	-	3,342.20		
	07/12/06		-	30.62	-	3,342.11		
	08/07/06		-	31.00	-	3,341.73		
	10/17/06		-	30.36	-	3,342.37		
	11/21/06		-	30.50	-	3,342.23		
	12/13/06		-	30.61	-	3,342.12		
	01/09/07		-	30.91	-	3,341.82		
	02/14/07		-	30.68	-	3,342.05		
	02/28/07		-	30.65	-	3,342.08		
	03/13/07		-	30.69	-	3,342.04		
	05/11/07		-	30.09	-	3,342.64		
	05/29/07		-	29.58	-	3,343.15		
	06/06/07		-	29.59	-	3,343.14		
	06/21/07		-	29.75	-	3,342.98		
	07/12/07		-	29.93	-	3,342.80		
	07/25/07		-	30.18	-	3,342.55		
	08/08/07		-	32.00	-	3,340.73		
	08/20/07		-	30.33	-	3,342.40		
	09/07/07		-	30.48	-	3,342.25		
	09/19/07		-	32.55	-	3,340.18		
	10/01/07		-	30.59	-	3,342.14		
	10/15/07		-	30.61	-	3,342.12		
	11/02/07		-	30.69	-	3,342.04		
	11/16/07		-	30.68	-	3,342.05		
	11/29/07		-	30.28	-	3,342.45		

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Monitor Well	Date Gauged	Relative Top of Casing Elevation (TOC)	Depth to PSH Below Top of Casing	Depth to Water Below Top of Casing	PSH Thickness	Corrected Relative Groundwater Elevation	PSH Recovered (gallons)	Volume Purged (gallons)
MW-3	02/29/08	3,367.36	-	25.44	-	3,341.92		
	05/28/08		-	25.55	-	3,341.81		
	08/21/08		-	26.11	-	3,341.25		
	11/06/08		-	25.89	-	3,341.47		
	02/09/09		-	25.98	-	3,341.38		
	05/14/09		-	26.18	-	3,341.18		
	08/13/09		-	26.48	-	3,340.88		
	11/10/09		-	26.83	-	3,340.53		
	02/03/10		-	26.80	-	3,340.56		
	05/27/10		-	26.88	-	3,340.48		
	08/16/10		-	27.13	-	3,340.23		
	11/11/10		-	27.15	-	3,340.21		
	05/25/11		-	30.79	-	3,336.57		
	09/20/11		Dry					
	10/03/11		Dry					
	10/28/11		Dry					
	11/10/11		Dry					
	12/09/11		Dry					
	02/24/12		Dry					
	02/29/12		Dry					
	03/27/12		Dry					
	04/12/12		Dry					
	04/19/12		Dry					
	05/05/12		Dry					
	05/17/12		Dry					
	06/21/12		Dry					
	07/09/12		Dry					
	08/02/12		Dry					
	08/15/12		Dry					
	08/28/12		Dry					
	09/12/12		Dry					
	09/26/12		Dry					
	10/10/12		Dry					
	10/26/12		Dry					
	11/07/12		Dry					
	11/20/12		Dry					
	01/11/13		Dry					
	01/25/13		Dry					
	02/07/13		Dry					
	02/22/13		Dry					
	03/08/13		Dry					
	03/21/13		Dry					
	04/04/13		Dry					
	04/17/13		Dry					
	05/01/13		Dry					
	05/23/13		Dry					
	06/13/13		Dry					
	06/28/13		Dry					
	07/10/13		Dry					
	07/24/13		Dry					
	08/08/13		Dry					
	08/22/13		Dry					
	09/05/13		Dry					
	09/19/13		Dry					
	10/07/13		Dry					

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MW-3	10/17/13	3,367.36				Dry		
	10/31/13					Dry		
	11/13/13					Dry		
	11/27/13					Dry		
	12/11/13					Dry		
	12/22/13					Dry		
	01/09/14					Dry		
	01/23/14					Dry		
	02/05/14					Dry		
	02/20/14					Dry		
	03/05/14					Dry		
	03/19/14					Dry		
	04/02/14					Dry		
	04/16/14					Dry		
	05/01/14					Dry		
	05/13/14					Dry		
	05/28/14					Dry		
	06/10/14					Dry		
	06/24/14					Dry		
	07/08/14					Dry		
	07/23/14					Dry		
	08/05/14					Dry		
	08/12/14					Dry		
	09/03/14					Dry		
	09/16/14					Dry		
	09/30/14		-	26.74	-	3,346.00		
	10/04/14		-	26.87	-	3,345.87		
	10/21/14					Dry		
	10/28/14					Dry		
	11/13/14					Dry		
	11/25/14					Dry		
	12/10/14					Dry		
	12/21/14					Dry		
	01/14/15					Dry		
	01/21/15					Dry		
	02/17/15					Dry		
	03/04/15					Dry		
	03/20/15					Dry		
	04/01/15					Dry		
	04/15/15					Dry		
	04/28/15					Dry		
	05/12/15					Dry		
	05/27/15					Dry		
	06/09/15					Dry		
	06/23/15					Dry		
	07/14/15					Dry		
	08/04/15					Dry		
	08/18/15					Dry		
	09/12/15					Dry		
	10/01/15					Dry		
	10/13/15					Dry		
	10/27/15					Dry		
	11/12/15					Dry		
	11/24/15					Dry		
	12/09/15					Dry		

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Monitor Well	Date Gauged	Relative Top of Casing Elevation (TOC)	Depth to PSH Below Top of Casing	Depth to Water Below Top of Casing	PSH Thickness	Corrected Relative Groundwater Elevation	PSH Recovered (gallons)	Volume Purged (gallons)
MW-3	12/22/15	3,367.36				Dry		
	01/06/16					Dry		
	01/20/16					Dry		
	03/01/16					Dry		

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