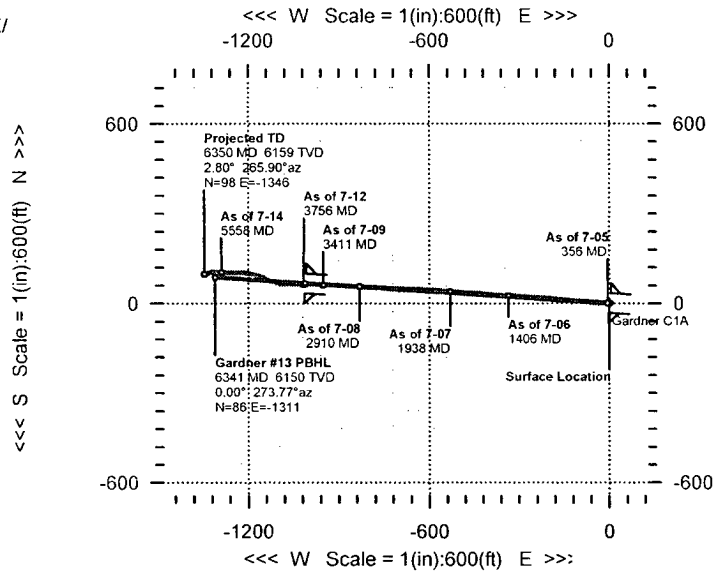
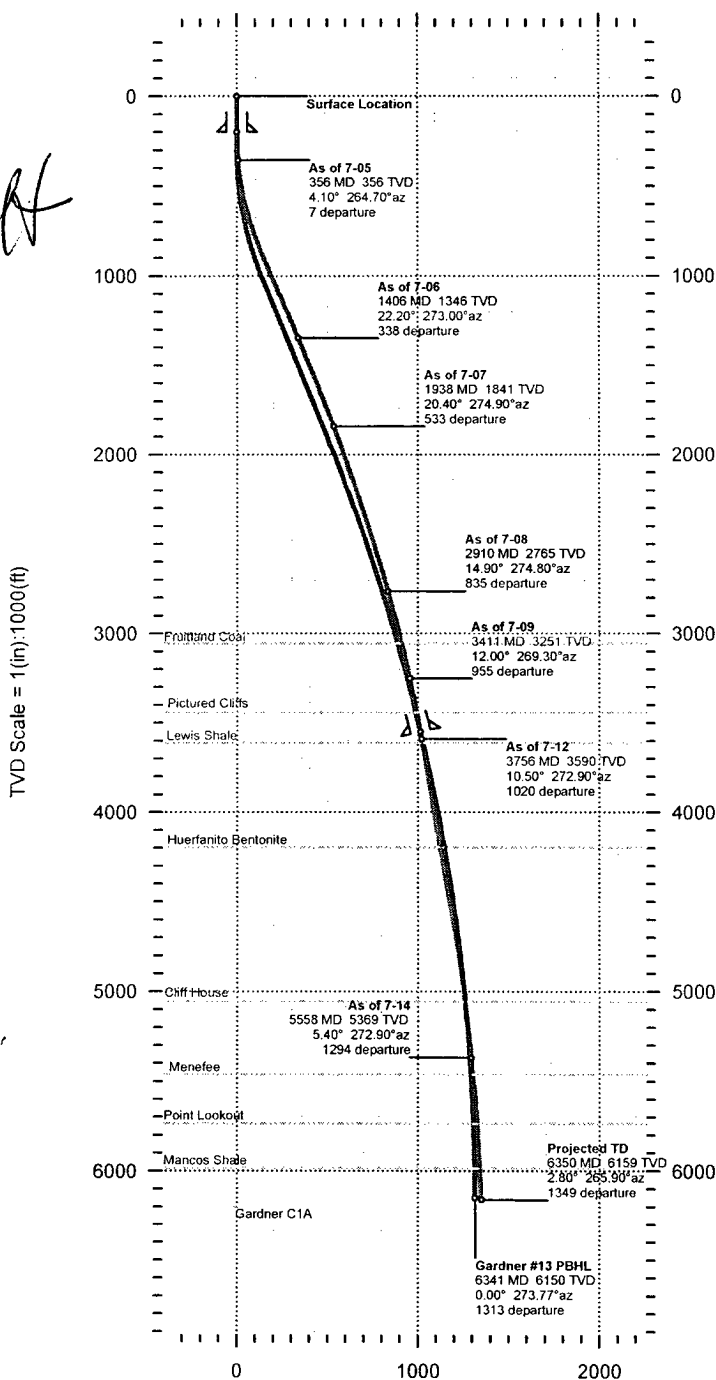


Peoples Energy Production



WELL Gardner #13			FIELD San Juan County, New Mexico NAD 83 Gardner #13		
Magnetic Parameters Model IGRF 2005 Dip 63.762° Mag Dec +10.511°			Surface Location Lat N36 56 44.700 Lon W107 45 7.000 Northing 2163592.38 NUS Easting 2746874.76 NUS		
Date July 05, 2006 FS 51411 B in T			Miscellaneous Set Gardner #13 Plan Surveys TVD Ref (0.00 ft above) Srvy Date July 05, 2006		
NAD83 New Mexico State Planes, Western Zone, US Feet Grid Conv +0.04891951° Scale Fact 0.9999173138					

Vertical Section (ft) Azim = 273.77°, Scale = 1(in):1000(ft) Origin = 0 N-S, 0 E/W



Surface 870/N 2006/W
BHL 772/N 660/W
MD 6350
TVD 6159

Grid North
Tot Corr (M-G +10.4621°)
Mag Dec (+10.511°)
Grid Conv (+0.04891951°)

Vertical Section (ft) Azim = 273.77°, Scale = 1(in):1000(ft) Origin = 0 N-S, 0 E/W

8/9/29



Survey Report



Report Date: July 15, 2006	Survey / DLS Computation Method: Minimum Curvature / Lubinski
Client: Peoples Energy Production	Vertical Section Azimuth: 273.770°
Field: San Juan County, New Mexico NAD 83	Vertical Section Origin: N 0.000 ft, E 0.000 ft
Structure / Slot: Gardner #13 / Gardner #13	TVD Reference Datum:
Well: Gardner #13	TVD Reference Elevation: 0.0 ft relative to
Borehole: Gardner #13	Sea Bed / Ground Level Elevation: 0.000 ft relative to
UWI/API#:	Magnetic Declination: 10.511°
Survey Name / Date: Surveys / July 5, 2006	Total Field Strength: 51411.778 nT
Tort / AHD / DDI / ERD ratio: 74.817° / 1356.62 ft / 5.020 / 0.220	Magnetic Dip: 63.762°
Grid Coordinate System: NAD83 New Mexico State Planes, Western Zone, US Feet	Declination Date: July 05, 2006
Location Lat/Long: N 36 56 44.700, W 107 45 7.000	Magnetic Declination Model: IGRF 2005
Location Grid N/E Y/X: N 2163592.382 ftUS, E 2746874.759 ftUS	North Reference: Grid North
Grid Convergence Angle: +0.04891951°	Total Corr Mag North -> Grid North: +10.462°
Grid Scale Factor: 0.99991731	Local Coordinates Referenced To: Well Head

Comments	Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	NS (ft)	EW (ft)	DLS (deg/100 ft)	Northing (ftUS)	Easting (ftUS)
Surface Location	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2163592.38	2746874.76
As of 7-05	267.00	1.30	273.50	266.98	267.00	3.03	0.18	-3.02	0.49	2163592.57	2746871.74
	356.00	4.10	264.70	355.87	89.00	7.18	-0.05	-7.20	3.17	2163592.33	2746867.56
	442.00	7.60	263.60	441.41	86.00	15.82	-0.97	-15.92	4.07	2163591.42	2746858.84
	562.00	11.90	273.80	559.66	120.00	36.01	-1.03	-36.16	3.85	2163591.35	2746838.60
	685.00	16.70	278.50	678.81	123.00	66.32	2.42	-66.31	4.01	2163594.81	2746808.46
As of 7-06	841.00	21.70	275.70	826.09	156.00	117.52	8.61	-117.21	3.26	2163600.99	2746757.56
	935.00	22.70	275.80	913.12	94.00	153.01	12.17	-152.54	1.06	2163604.55	2746722.23
	1029.00	23.20	275.10	999.68	94.00	189.65	15.64	-189.03	0.61	2163608.02	2746685.74
	1123.00	24.10	274.70	1085.79	94.00	227.35	18.86	-226.80	0.97	2163611.24	2746648.18
	1217.00	22.60	273.90	1172.09	94.00	264.60	21.66	-263.75	1.63	2163614.04	2746611.03
As of 7-07	1311.00	23.00	272.90	1258.74	94.00	301.03	23.82	-300.11	0.59	2163616.20	2746574.67
	1406.00	22.20	273.00	1346.45	95.00	337.53	25.70	-336.57	0.84	2163618.08	2746538.22
	1468.00	21.80	273.30	1403.93	62.00	360.76	26.98	-359.76	0.67	2163619.35	2746515.03
	1563.00	21.90	274.60	1492.11	95.00	396.11	29.41	-395.03	0.52	2163621.79	2746479.76
	1655.00	22.10	274.80	1577.41	92.00	430.57	32.24	-429.38	0.23	2163624.61	2746445.41
As of 7-08	1755.00	22.00	273.20	1670.10	100.00	468.11	34.86	-466.83	0.61	2163627.23	2746407.97
	1844.00	20.40	274.80	1753.07	89.00	500.29	37.08	-498.93	1.91	2163629.46	2746375.87
	1938.00	20.40	274.90	1841.17	94.00	533.05	39.85	-531.58	0.04	2163632.23	2746343.22
	2032.00	20.10	275.10	1929.36	94.00	565.58	42.69	-563.99	0.33	2163635.07	2746310.82
	2157.00	18.80	272.90	2047.23	125.00	607.19	45.62	-605.50	1.19	2163638.00	2746269.31
As of 7-09	2283.00	18.00	271.90	2166.79	126.00	646.95	47.29	-645.24	0.68	2163639.67	2746229.58
	2408.00	18.50	271.40	2285.50	125.00	686.07	48.42	-684.37	0.42	2163640.79	2746190.45
	2534.00	18.90	271.60	2404.85	126.00	726.43	49.47	-724.75	0.32	2163641.85	2746150.07
	2659.00	16.30	274.30	2523.99	125.00	764.21	51.35	-762.49	2.18	2163643.73	2746112.34
	2785.00	17.10	273.60	2644.67	126.00	800.42	53.84	-798.61	0.65	2163646.22	2746076.22
As of 7-10	2910.00	14.90	274.80	2764.82	125.00	834.87	56.34	-832.97	1.78	2163648.72	2746041.86
	3035.00	14.90	273.70	2885.62	125.00	867.01	58.72	-865.02	0.23	2163651.10	2746009.81
	3160.00	14.20	271.40	3006.61	125.00	898.40	60.14	-896.38	0.73	2163652.51	2745978.45
	3286.00	13.20	269.90	3129.03	126.00	928.19	60.49	-926.22	0.84	2163652.87	2745948.62
	3411.00	12.00	269.30	3251.01	125.00	955.39	60.30	-953.49	0.97	2163652.68	2745921.35
As of 7-11	3536.00	10.50	270.60	3373.61	125.00	979.72	60.27	-977.87	1.22	2163652.64	2745896.97
	3693.00	10.50	271.70	3527.98	157.00	1008.30	60.84	-1006.47	0.13	2163653.22	2745868.37
	3756.00	10.50	272.90	3589.93	63.00	1019.77	61.30	-1017.95	0.35	2163653.68	2745856.90
	3841.00	10.30	273.30	3673.53	85.00	1035.12	62.13	-1033.27	0.25	2163654.51	2745841.58
	3969.00	9.70	269.30	3799.59	128.00	1057.31	62.66	-1055.47	0.72	2163655.03	2745819.37
As of 7-12	4066.00	9.30	270.90	3895.25	97.00	1073.28	62.68	-1071.48	0.49	2163655.06	2745803.37
	4162.00	8.50	269.20	3990.10	96.00	1088.10	62.70	-1086.33	0.88	2163655.08	2745788.52
	4289.00	10.40	289.60	4115.40	127.00	1108.50	66.42	-1106.52	3.01	2163658.79	2745768.33
	4385.00	10.50	293.10	4209.81	96.00	1125.09	72.76	-1122.73	0.67	2163665.13	2745752.12

Comments	Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	NS (ft)	EW (ft)	DLS (deg/100 ft)	Northing (ftUS)	Easting (ftUS)
	4479.00	10.50	296.90	4302.24	94.00	1141.05	79.99	-1138.25	0.74	2163672.37	2745736.61
	4574.00	11.60	294.20	4395.48	95.00	1157.96	87.82	-1154.68	1.28	2163680.20	2745720.18
	4670.00	9.40	278.20	4489.88	96.00	1174.82	92.90	-1171.25	3.78	2163685.27	2745703.61
	4765.00	9.40	283.70	4583.61	95.00	1190.20	95.84	-1186.47	0.95	2163688.22	2745688.39
	4860.00	10.80	280.30	4677.14	95.00	1206.69	99.27	-1202.76	1.60	2163691.65	2745672.10
	4955.00	8.60	274.00	4770.78	95.00	1222.63	101.36	-1218.61	2.57	2163693.73	2745656.25
	5051.00	7.80	266.50	4865.80	96.00	1236.28	101.46	-1232.27	1.39	2163693.84	2745642.59
	5178.00	6.90	269.80	4991.75	127.00	1252.43	100.91	-1248.50	0.78	2163693.28	2745626.36
	5305.00	6.20	271.10	5117.92	127.00	1266.90	101.02	-1262.99	0.56	2163693.39	2745611.88
	5432.00	6.40	278.00	5244.16	127.00	1280.81	102.13	-1276.85	0.62	2163694.51	2745598.01
As of 7-14	5558.00	5.40	272.90	5369.49	126.00	1293.74	103.41	-1289.73	0.90	2163695.78	2745585.14
	5653.00	5.60	276.80	5464.05	95.00	1302.84	104.19	-1298.80	0.45	2163696.56	2745576.07
	5748.00	6.10	277.30	5558.56	95.00	1312.50	105.38	-1308.41	0.53	2163697.75	2745566.46
	5844.00	4.80	261.20	5654.13	96.00	1321.51	105.41	-1317.43	2.08	2163697.78	2745557.44
	5939.00	3.20	242.70	5748.90	95.00	1327.67	103.58	-1323.72	2.14	2163695.96	2745551.15
	6034.00	3.50	248.40	5843.73	95.00	1332.56	101.30	-1328.77	0.47	2163693.67	2745546.10
	6161.00	3.30	259.00	5970.51	127.00	1339.59	99.18	-1335.96	0.52	2163691.55	2745538.91
	6310.00	2.90	264.50	6119.29	149.00	1347.46	98.00	-1343.93	0.33	2163690.37	2745530.95
Projected TD	6350.00	2.80	265.90	6159.24	40.00	1349.43	97.83	-1345.91	0.30	2163690.20	2745528.97

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised June 10, 2003

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-33051	² Pool Code	³ Pool Name Blanco - Mesaverde
⁴ Property Code 033362	⁵ Property Name Gardner	⁶ Well Number 13
⁷ OGRID No.	⁸ Operator Name Peoples Energy Production - TX, L.P.	⁹ Elevation 6570

¹⁰ Surface Location

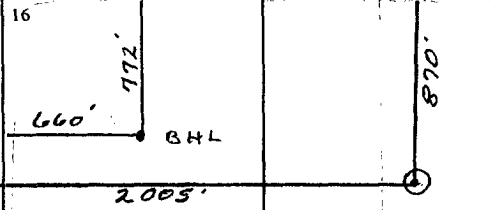
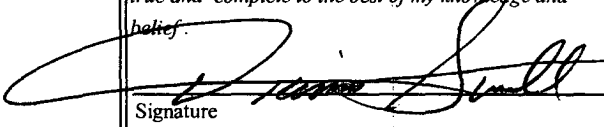
UL or lot no. C	Section 35	Township 32N	Range 9W	Lot. Idn	Feet from the 870	North/South line North	Feet from the 2006	East/West line West	County San Juan
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. D	Section 35	Township 32N	Range 9W	Lot. Idn	Feet from the 772	North/South line North	Feet from the 650	East/West line West	County San Juan
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¹² Dedicated Acres 320	¹³ Joint or Infill Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-10987-A(1)
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A
NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

¹⁶ 	<u>As Drilled</u>	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature
		Printed Name Dianne Sumrall Prod & Reg Supervisor Title and E-mail Address
		09/15/2006 Date
		¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. 03/08/05 Date of Survey Signature and Seal of Professional Surveyor:
		Certificate Number

8 9/29