

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 Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

AS DRILLED

¹ API Number 30-039-30272		² Pool Code 50440		³ Pool Name West Puerto Chiquito Mancos	
⁴ Property Code 36789		⁵ Property Name Laguna Colorado 2/3			⁶ Well Number # 1
⁷ OGRID No. 240473		⁸ Operator Name U. S. Enercorp, Ltd.			⁹ Elevation 7,295'

¹⁰ Surface Location

UL or lotno.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/Westline	County
H	3	23 N	1 W		3250	South	1220	East	Rio Arriba

¹¹ Bottom Hole Location If Different From Surface

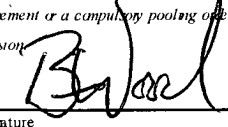
UL or lotno.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/Westline	County
L	2	23 N	1 W		2231	South	111	West	Rio Arriba

¹² Dedicated Acres 644.28	¹³ Joint or Infill	¹⁴ Consolidation Code C	¹⁵ Order No. R-12805 w/ sec 2 E/2 sec 3
---	-------------------------------	---------------------------------------	---

RCVD JAN 14 '08
OIL CONS. DIV.

DIST. 3

allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the Division.

2068 FNL SHL 1220 FEL Top Pay 2149/N 1163/E BHL 111 FWL 3250 FSL 2231 FSL	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.
	Signature  Date 1-11-08 Brian Wood Printed Name
	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.
	On file _____ Date of Survey _____ Signature and Seal of Professional Surveyor _____ Certificate Number _____

Section 3

Section 2

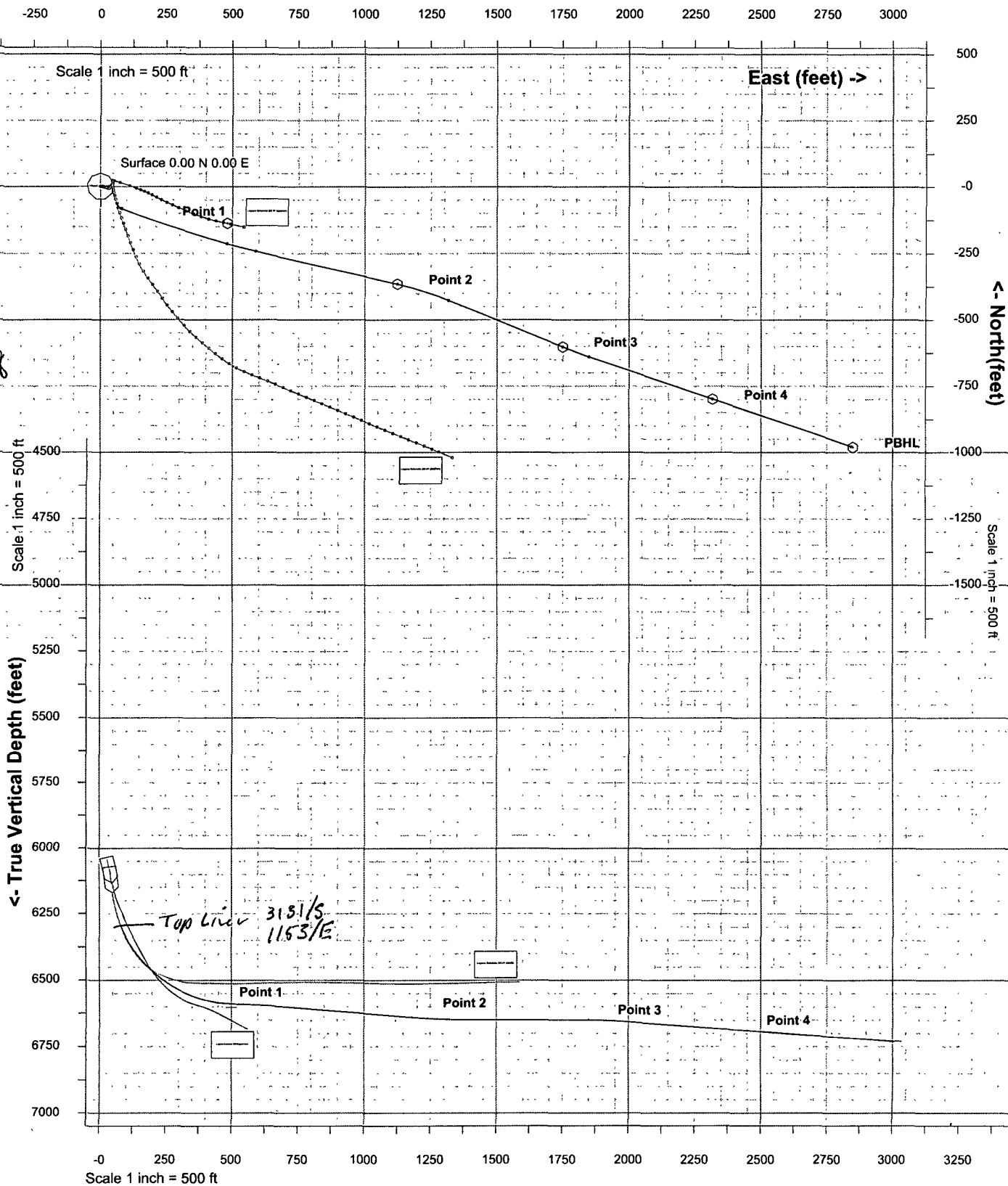
30-039-30272

U.S. Enercorp, LLC

Location: New Mexico	Slot: Laguna Colorado 2/3 #1
Field: Laguna Colorado 2/3 #1	Well: Laguna Colorado 2/3 #1
Installation: Laguna Colorado 2/3 #1	Wellbore: Laguna Colorado 2/3 #1 Rev04

RCVD JAN 9 '08
OIL CONS. DIV.

DIST. 3



Azimuth 108.98 with reference 0.00 N, 0.00 E from Installation Centre

Operator: U.S. Enercorp, LLC
Wellbore: Laguna Colorado 2/3 #1 (AWB)
Wellpath: Laguna Colorado 2/3 #1 (AWP#1)



Wellbore

Operator	Name	Created	Last Revised
U.S. Enercorp, LLC	LagunaColorado 2/3#1 (AWB)	15-Nov-2007	28-Dec-2007

Well

Name	GovernmentID	Last Revised
LagunaColorado 2/3#1		7-Sep-2007

Slot

Name	Grid Northing	Grid Easting	Latitude	Longitude	North	East
LagunaColorado 2/3#1	1912518.1100	301098.7700	N36 15 15.9777	W106 55 28.5987	0.00N	0.00E

Installation

Name	Northing	Easting	Coord System Name	North Alignment
LagunaColorado 2/3#1	1912518.1100	301098.7700	NM-C on NORTHAMERICAN DATUM1927 datum	Grid

Field

Name	Northing	Easting	Coord System Name	North Alignment
LagunaColorado 2/3#1	1912518.1100	301098.7700	NM-C on NORTHAMERICAN DATUM1927 datum	Grid

All data is in Feet unless otherwise stated
 Coordinates are from Installation MD's are from Rig and TVD's are from Rig (Datum #2 0.00ft above Mean Sea Level)
 Vertical Section is from 0.00N 0.00E on azimuth 127.43 degrees
 Bottom hole distance is 1676.56 Feet on azimuth 127.43 degrees from Wellhead
 Calculation method uses Minimum Curvature method
 Prepared by Professional Directional
 Date Printed: 28-Dec-2007

Operator: U.S. Enercorp, LLC
Wellbore: Laguna Colorado 2/3 #1 (AWB)
Wellpath: Laguna Colorado 2/3 #1 (AWP#1)



Wellpath Report

MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	VerticalSection[ft]
0.00	0.00	0.00	0.00	0.00N	0.00E	0.00	0.00
100.00	0.12	70.17	100.00	0.04N	0.10E	0.12	0.06
200.00	0.23	70.17	200.00	0.14N	0.39E	0.11	0.22
300.00	0.35	70.17	300.00	0.31N	0.86E	0.12	0.50
400.00	0.50	74.60	400.00	0.53N	1.57E	0.15	0.92
500.00	0.46	80.13	499.99	0.71N	2.39E	0.06	1.46
600.00	0.59	91.26	599.99	0.77N	3.30E	0.16	2.15
700.00	0.60	86.62	699.98	0.79N	4.33E	0.05	2.96
800.00	0.71	107.47	799.98	0.64N	5.45E	0.26	3.94
900.00	0.75	103.80	899.97	0.29N	6.67E	0.06	5.12
1000.00	0.65	106.79	999.96	0.03S	7.85E	0.11	6.25
1100.00	0.62	102.12	1099.95	0.30S	8.93E	0.06	7.27
1200.00	0.54	104.95	1199.95	0.54S	9.91E	0.08	8.20
1300.00	0.74	105.38	1299.94	0.83S	10.99E	0.20	9.23
1400.00	1.11	110.70	1399.93	1.34S	12.52E	0.38	10.75
1500.00	1.22	110.29	1499.91	2.06S	14.42E	0.11	12.70
1600.00	1.18	111.30	1599.89	2.80S	16.38E	0.05	14.71
1700.00	1.11	103.42	1699.87	3.40S	18.28E	0.17	16.58
1800.00	1.11	100.57	1799.85	3.80S	20.17E	0.06	18.33
1900.00	1.06	97.98	1899.83	4.11S	22.04E	0.07	20.00
2000.00	1.09	97.76	1999.81	4.36S	23.90E	0.03	21.63
2100.00	0.91	107.73	2099.80	4.73S	25.60E	0.25	23.20
2200.00	0.72	114.33	2199.79	5.23S	26.93E	0.21	24.56
2300.00	0.51	109.44	2299.78	5.64S	27.92E	0.22	25.60
2400.00	0.40	127.07	2399.78	6.00S	28.62E	0.18	26.37
2500.00	0.32	129.00	2499.78	6.39S	29.11E	0.08	27.00
2600.00	0.17	118.92	2599.78	6.63S	29.46E	0.16	27.43
2700.00	0.25	144.24	2699.78	6.88S	29.72E	0.12	27.78
2800.00	0.16	128.49	2799.77	7.15S	29.95E	0.11	28.13
2900.00	0.27	106.09	2899.77	7.30S	30.29E	0.14	28.49
3000.00	0.43	110.38	2999.77	7.49S	30.87E	0.16	29.07
3100.00	0.45	90.01	3099.77	7.63S	31.61E	0.16	29.74
3200.00	0.64	51.49	3199.76	7.28S	32.44E	0.40	30.18
3300.00	0.67	45.94	3299.76	6.52S	33.30E	0.07	30.41
3400.00	0.65	34.91	3399.75	5.65S	34.05E	0.13	30.47

All data is in Feet unless otherwise stated
Coordinates are from Installation MD's are from Rig and TVD's are from Rig (Datum #2 0.00ft above Mean Sea Level)
Vertical Section is from 0.00N 0.00E on azimuth 127.43 degrees
Bottom hole distance is 1676.56 Feet on azimuth 127.43 degrees from Wellhead
Calculation method uses Minimum Curvature method
Prepared by Professional Directional
Date Printed: 28-Dec-2007

Operator: U.S. Enercorp, LLC
Wellbore: Laguna Colorado 2/3 #1 (AWB)
Wellpath: Laguna Colorado 2/3 #1 (AWP#1)



Wellpath Report

MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	VerticalSection[ft]
3500.00	0.77	36.92	3499.74	4.65S	34.77E	0.12	30.44
3600.00	0.76	36.25	3599.74	3.58S	35.57E	0.01	30.42
3700.00	0.74	29.82	3699.73	2.48S	36.28E	0.09	30.32
3800.00	0.83	30.84	3799.72	1.30S	36.98E	0.09	30.15
3900.00	0.85	29.25	3899.71	0.03S	37.71E	0.03	29.96
4000.00	0.82	37.90	3999.70	1.18N	38.51E	0.13	29.86
4100.00	0.78	44.01	4099.69	2.23N	39.42E	0.09	29.94
4200.00	0.81	46.90	4199.68	3.21N	40.41E	0.05	30.14
4300.00	0.81	46.55	4299.67	4.18N	41.44E	0.00	30.37
4400.00	0.84	41.74	4399.66	5.21N	42.44E	0.08	30.53
4500.00	0.75	43.79	4499.65	6.23N	43.38E	0.09	30.66
4600.00	0.64	48.68	4599.64	7.07N	44.26E	0.12	30.84
4700.00	0.61	46.86	4699.63	7.80N	45.06E	0.04	31.04
4800.00	0.45	48.48	4799.63	8.43N	45.75E	0.16	31.20
4900.00	0.54	36.72	4899.63	9.07N	46.32E	0.14	31.27
5000.00	0.52	20.70	4999.62	9.87N	46.76E	0.15	31.13
5100.00	0.64	3.09	5099.62	10.85N	46.95E	0.21	30.69
5200.00	0.76	351.14	5199.61	12.06N	46.88E	0.19	29.89
5300.00	0.81	350.33	5299.60	13.41N	46.66E	0.05	28.90
5400.00	0.76	354.15	5399.59	14.77N	46.48E	0.07	27.92
5500.00	0.70	358.55	5499.58	16.04N	46.39E	0.08	27.09
5600.00	0.84	349.58	5599.57	17.37N	46.24E	0.18	26.16
5700.00	0.83	354.89	5699.56	18.82N	46.05E	0.08	25.13
5800.00	0.72	352.75	5799.55	20.16N	45.90E	0.11	24.19
6114.00	8.48	177.81	6112.50	1.06S	46.54E	2.93	37.60
6146.00	11.87	170.20	6143.99	6.67S	47.19E	11.37	41.52
6178.00	15.65	169.55	6175.06	14.16S	48.53E	11.82	47.14
6210.00	19.69	166.42	6205.55	23.65S	50.58E	12.97	54.54
6242.00	23.53	164.45	6235.30	35.04S	53.56E	12.21	63.83
6274.00	27.50	165.23	6264.17	48.35S	57.16E	12.45	74.78
6305.00	31.08	161.21	6291.20	62.85S	61.56E	13.17	87.09
6337.00	34.95	161.28	6318.03	79.36S	67.17E	12.09	101.57
6369.00	39.41	161.01	6343.52	97.65S	73.42E	13.95	117.66
6401.00	43.58	159.93	6367.48	117.62S	80.51E	13.22	135.43
6432.00	46.78	160.97	6389.33	138.34S	87.86E	10.59	153.86

All data is in Feet unless otherwise stated
Coordinates are from Installation MD's are from Rig and TVD's are from Rig (Datum #2 0.00ft above Mean Sea Level)
Vertical Section is from 0.00N 0.00E on azimuth 127.43 degrees
Bottom hole distance is 1676.56 Feet on azimuth 127.43 degrees from Wellhead
Calculation method uses Minimum Curvature method
Prepared by Professional Directional
Date Printed: 28-Dec-2007

Operator: U.S. Enercorp, LLC
Wellbore: Laguna Colorado 2/3 #1 (AWB)
Wellpath: Laguna Colorado 2/3 #1 (AWP#1)



Wellpath Report

MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	VerticalSection[ft]
6463.00	50.97	160.65	6409.72	160.39S	95.54E	13.54	173.36
6495.00	56.29	159.80	6428.69	184.63S	104.26E	16.76	195.02
6527.00	60.72	159.15	6445.40	210.17S	113.83E	13.95	218.14
6559.00	65.38	159.01	6459.90	236.81S	124.01E	14.57	242.42
6590.00	69.57	157.02	6471.77	263.35S	134.74E	14.76	267.07
6622.00	72.49	153.18	6482.18	290.79S	147.48E	14.56	293.87
6654.00	74.56	147.91	6491.26	317.49S	162.57E	17.06	322.08
6686.00	75.87	144.47	6499.43	343.19S	179.79E	11.17	351.37
6717.00	80.94	143.18	6505.66	367.70S	197.71E	16.85	380.50
6749.00	85.17	144.04	6509.52	393.26S	216.55E	13.49	411.00
6781.00	88.69	144.32	6511.24	419.17S	235.24E	11.03	441.59
6813.00	88.93	143.79	6511.90	445.07S	254.02E	1.82	472.25
6845.00	89.19	141.24	6512.43	470.46S	273.49E	8.01	503.14
6876.00	89.30	139.38	6512.84	494.31S	293.29E	6.01	533.35
6913.00	88.86	137.13	6513.43	521.91S	317.92E	6.20	569.69
6944.00	89.13	134.64	6513.97	544.16S	339.49E	8.08	600.35
6976.00	90.03	132.32	6514.21	566.18S	362.71E	7.78	632.16
7008.00	91.58	129.87	6513.76	587.21S	386.82E	9.06	664.09
7040.00	91.77	129.38	6512.82	607.61S	411.46E	1.64	696.06
7071.00	91.82	129.04	6511.85	627.19S	435.47E	1.11	727.03
7103.00	91.58	126.47	6510.90	646.78S	460.75E	8.06	759.01
7135.00	91.68	122.26	6509.99	664.83S	487.15E	13.15	790.94
7167.00	92.12	117.98	6508.93	680.87S	514.81E	13.44	822.66
7199.00	91.01	113.71	6508.06	694.82S	543.59E	13.78	853.98
7231.00	89.50	112.07	6507.91	707.26S	573.07E	6.97	884.96
7263.00	88.19	111.23	6508.56	719.06S	602.80E	4.86	915.74
7295.00	88.52	111.53	6509.48	730.73S	632.59E	1.39	946.48
7327.00	89.66	112.00	6509.99	742.59S	662.30E	3.85	977.29
7359.00	90.64	112.37	6509.90	754.67S	691.93E	3.27	1008.16
7391.00	89.06	112.46	6509.99	766.87S	721.52E	4.95	1039.07
7423.00	89.06	112.81	6510.51	779.19S	751.05E	1.09	1070.00
7455.00	88.35	112.36	6511.23	791.47S	780.59E	2.63	1100.92
7487.00	88.66	112.98	6512.07	803.80S	810.10E	2.17	1131.86
7519.00	88.18	112.65	6512.95	816.21S	839.59E	1.82	1162.81
7551.00	89.13	112.72	6513.70	828.54S	869.10E	2.98	1193.75

All data is in Feet unless otherwise stated
Coordinates are from Installation MD's are from Rig and TVD's are from Rig (Datum #2 0.00ft above Mean Sea Level)
Vertical Section is from 0.00N 0.00E on azimuth 127.43 degrees
Bottom hole distance is 1676.56 Feet on azimuth 127.43 degrees from Wellhead
Calculation method uses Minimum Curvature method
Prepared by Professional Directional
Date Printed: 28-Dec-2007

Operator: U.S. Enercorp, LLC
Wellbore: Laguna Colorado 2/3 #1 (AWB)
Wellpath: Laguna Colorado 2/3 #1 (AWP#1)



Wellpath Report

MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	VerticalSection[ft]
7583.00	90.24	113.19	6513.88	841.02S	898.57E	3.77	1224.73
7615.00	89.83	112.88	6513.86	853.54S	928.02E	1.61	1255.72
7648.00	90.03	112.52	6513.90	866.28S	958.46E	1.25	1287.64
7680.00	90.30	112.72	6513.81	878.59S	988.00E	1.05	1318.57
7712.00	90.44	112.89	6513.60	890.99S	1017.50E	0.69	1349.53
7744.00	90.67	112.65	6513.29	903.38S	1047.00E	1.04	1380.49
7776.00	91.01	112.49	6512.82	915.66S	1076.55E	1.17	1411.42
7808.00	91.04	112.24	6512.25	927.83S	1106.14E	0.79	1442.31
7840.00	91.31	111.45	6511.59	939.74S	1135.83E	2.61	1473.13
7872.00	91.27	111.92	6510.87	951.56S	1165.56E	1.47	1503.92
7904.00	91.44	111.45	6510.12	963.38S	1195.29E	1.56	1534.71
7936.00	92.32	111.80	6509.07	975.16S	1225.02E	2.96	1565.48
7968.00	91.11	112.61	6508.11	987.25S	1254.63E	4.55	1596.34
7996.00	90.47	112.57	6507.72	998.01S	1280.48E	2.29	1623.40
8051.00	90.47	112.57	6507.27	1019.11S	1331.27E	0.00	1676.56

All data is in Feet unless otherwise stated
Coordinates are from Installation MD's are from Rig and TVD's are from Rig (Datum #2 0.00ft above Mean Sea Level)
Vertical Section is from 0.00N 0.00E on azimuth 127.43 degrees
Bottom hole distance is 1676.56 Feet on azimuth 127.43 degrees from Wellhead
Calculation method uses Minimum Curvature method
Prepared by Professional Directional
Date Printed: 28-Dec-2007

Operator: U.S. Enercorp, LLC
Wellbore: Laguna Colorado 2/3 #1 (AWB)
Wellpath: Laguna Colorado 2/3 #1 (AWP#1)



Survey Tool Program

Reference	SurveyName	MD[ft]	TVD[ft]	SurveyTool	ErrorModel
33075	Log #1	5800.00	5799.55	WdWGyro	GoodGyro
39443	Sidtrack	8051.00	6507.27	ISCWSAMWD	Basic

All data is in Feet unless otherwise stated
Coordinates are from Installation MD's are from Rig and TVD's are from Rig (Datum #2 0.00ft above Mean Sea Level)
Vertical Section is from 0.00N 0.00E on azimuth 127.43 degrees
Bottom hole distance is 1676.56 Feet on azimuth 127.43 degrees from Wellhead
Calculation method uses Minimum Curvature method
Prepared by Professional Directional
Date Printed: 28-Dec-2007