

Submit 3 Copies to Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., 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 and Natural Resources
RECEIVED
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505
SEP 05 2006

Form C-103
May 27, 2004

Oil Conservation Division SUNDRIY NOTICES AND REPORTS ON PROPOSED DRILLING OR RECOMPLETION BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-007-20391
1. Type of Well: Oil Well ☐ Gas Well ☒ Other COALBED METHANE		5. Indicate Type of Lease STATE ☐ FEE ☒
2. Name of Operator EL Paso E & P Company, L.P.		6. State Oil & Gas Lease No.
3. Address of Operator PO BOX 190, RATON, NM 87740		7. Lease Name or Unit Agreement Name VPR D
4. Well Location Unit Letter P : 601 feet from the South line and 1254 feet from the East line Section 10 Township 30N Range 17E NMPM Colfax County Bottom Hole Location: Unit L, Sec 11, T 30N, R 17E, 2635' FSL, 4' FWL, Colfax County		8. Well Number 106
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 9,106' (GR)		9. OGRID Number 180514
Pit or Below-grade Tank Application ☐ or Closure ☐		10. Pool name or Wildcat
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____ Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____		

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
OTHER: ☐		OTHER: Horizontal Lateral	☒

1. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion. Work proposed is as follows.

07/20/06 MIRU Eagle Rig. LD rods, tubing, and pump.
07/22/06 Set whipstock at 2,561'. Start milling window from 2,561' - 2,567'.
07/26/06 MIRU Pense Rig. Drill 4 3/4" horizontal lateral to 4,966' MD, 2,665' TVD.
08/01/06 Set 3 1/2" perforated liner. Top set at 2,591' and Bottom set at 4,944'.
08/03/06 LD whip stock Clean out with Air Unit.
08/05/06 TIH with 2 7/8" production tubing, insert pump and 3/4" rods.
08/09/06 Put well back on production.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Shirley Mitchell TITLE Regulatory Analyst DATE 09/01/2006
Type or print name Shirley A. Mitchell E-mail address: shirley.mitchell@elpaso.com Telephone No. (505) 445-6785

For State Use Only

APPROVED BY: Ed Martin TITLE DISTRICT SUPERVISOR DATE 9-13-06
Conditions of Approval (if any):



Scientific Drilling Houston

Final Survey Report

el paso Production

Company: EL PASO PRODUCTION	Date: 8/14/2006	Time: 09:21:59	Page: 1
Field: VERMEJO FIELD, NEW MEXICO	Co-ordinate(NE) Reference: Well: WELL D-106, Grid North		
Site: RATON (D106)	Vertical (TVD) Reference: SITE 0.0		
Well: WELL D-106	Section (VS) Reference: Well (0.00N,0.00E,31.74Azi)		
Wellpath: LATERAL	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Field: VERMEJO FIELD, NEW MEXICO			
Map System: US State Plane Coordinate System 1927		Map Zone: New Mexico, Eastern Zone	
Geo Datum: NAD27 (Clarke 1866)		Coordinate System: Well Centre	
Sys Datum: Mean Sea Level		Geomagnetic Model: igrf2005	

Site: RATON (D106)			
Site Position:	Northing: 2127244.23 ft	Latitude: 36 50 36.774 N	
From: Geographic	Easting: 269793.22 ft	Longitude: 105 7 12.222 W	
Position Uncertainty: 0.0 ft		North Reference: Grid	
Ground Level: 9106.0 ft		Grid Convergence: -0.47 deg	

Well: WELL D-106				Slot Name:			
Well Position:	+N/-S 0.0 ft	Northing: 2127244.23 ft	Latitude: 36 50 36.774 N	Well Position:	+E/-W 0.0 ft	Easting: 269793.22 ft	Longitude: 105 7 12.222 W
Position Uncertainty: 0.0 ft							

Wellpath: LATERAL				Drilled From: Surface			
Current Datum: SITE				Tie-on Depth: 0.0 ft			
Magnetic Data: 7/24/2006				Above System Datum: Mean Sea Level			
Field Strength: 51698 nT				Declination: 9.31 deg			
Vertical Section: Depth From (TVD)				Mag Dip Angle: 64.18 deg			
				+E/-W Direction			
				deg			
0.0				0.0			
0.0				0.0			
0.0				31.74			

Survey										
MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	ClsD ft	ClsA deg	Tool
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.0	0.00	TIE LINE
100.0	2.07	252.51	100.0	-0.5	-1.7	-1.4	2.07	1.8	252.51	SDI GYRO
200.0	2.62	246.77	199.9	-2.0	-5.5	-4.6	0.60	5.9	250.29	SDI GYRO
300.0	2.42	317.20	299.8	-1.3	-9.1	-5.9	2.91	9.2	261.61	SDI GYRO
400.0	3.58	350.93	399.7	3.3	-11.0	-3.0	2.06	11.5	286.66	SDI GYRO
500.0	3.39	343.32	499.5	9.2	-12.3	1.3	0.50	15.4	306.71	SDI GYRO
600.0	3.18	347.96	599.3	14.8	-13.8	5.3	0.34	20.2	316.96	SDI GYRO
700.0	2.71	353.88	699.2	19.8	-14.6	9.2	0.56	24.6	323.61	SDI GYRO
800.0	2.41	5.58	799.1	24.3	-14.7	12.9	0.60	28.3	328.87	SDI GYRO
900.0	2.33	9.43	899.0	28.4	-14.1	16.7	0.18	31.7	333.54	SDI GYRO
1000.0	2.12	13.79	998.9	32.2	-13.3	20.3	0.27	34.8	337.47	SDI GYRO
1100.0	1.92	16.19	1098.9	35.6	-12.4	23.7	0.22	37.7	340.73	SDI GYRO
1200.0	1.96	22.14	1198.8	38.8	-11.3	27.0	0.21	40.4	343.71	SDI GYRO
1300.0	1.78	24.89	1298.8	41.7	-10.0	30.2	0.20	42.9	346.50	SDI GYRO
1400.0	1.54	21.57	1398.7	44.4	-8.9	33.1	0.26	45.3	348.70	SDI GYRO
1500.0	1.36	19.54	1498.7	46.8	-8.0	35.6	0.19	47.5	350.31	SDI GYRO
1600.0	1.55	24.51	1598.7	49.1	-7.0	38.1	0.23	49.6	351.86	SDI GYRO
1700.0	1.43	27.67	1698.6	51.5	-5.9	40.7	0.15	51.8	353.47	SDI GYRO
1800.0	1.21	43.76	1798.6	53.3	-4.6	42.9	0.43	53.5	355.09	SDI GYRO
1900.0	1.03	51.39	1898.6	54.7	-3.1	44.8	0.23	54.7	356.71	SDI GYRO
2000.0	1.24	40.54	1998.6	56.0	-1.7	46.7	0.30	56.1	358.22	SDI GYRO
2100.0	1.37	33.99	2098.5	57.8	-0.4	49.0	0.20	57.8	359.64	SDI GYRO
2200.0	1.31	35.38	2198.5	59.8	1.0	51.3	0.07	59.8	0.92	SDI GYRO
2300.0	1.29	39.26	2298.5	61.6	2.3	53.6	0.09	61.6	2.17	SDI GYRO
2400.0	1.40	27.75	2398.5	63.5	3.6	55.9	0.29	63.6	3.26	SDI GYRO
2500.0	1.52	14.12	2498.4	65.9	4.5	58.4	0.37	66.0	3.91	SDI GYRO
2547.0	1.43	353.51	2545.4	67.1	4.6	59.5	1.14	67.2	3.92	SDI GYRO
2593.0	13.59	33.11	2590.9	72.2	7.5	65.3	27.22	72.6	5.93	SDI E-FIELD



Scientific Drilling Houston

Final Survey Report

el paso Production

Company: EL PASO PRODUCTION
Field: VERMEJO FIELD, NEW MEXICO
Site: RATON (D106)
Well: WELL D-106
Wellpath: LATERAL

Date: 8/14/2006 Time: 09:21:59 Page: 2
Co-ordinate(N/E) Reference: Well: WELL D-106, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,31.74Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	ClsD ft	ClsA deg	Tool
2624.0	29.46	33.34	2619.7	81.7	13.7	76.7	51.19	82.8	9.53	SDI E-FIELD
2656.0	45.62	34.01	2645.0	97.8	24.5	96.1	50.52	100.9	14.06	SDI E-FIELD
2688.0	61.66	36.97	2663.9	118.7	39.5	121.7	50.67	125.1	18.39	SDI E-FIELD
2717.0	74.36	37.81	2674.7	140.0	55.8	148.4	43.87	150.7	21.72	SDI E-FIELD
2748.0	81.64	36.33	2681.2	164.2	74.0	178.6	23.94	180.1	24.27	SDI E-FIELD
2780.0	85.79	34.71	2684.7	190.1	92.5	210.3	13.91	211.4	25.95	SDI E-FIELD
2811.0	85.26	32.08	2687.1	215.9	109.5	241.2	8.63	242.1	26.90	SDI E-FIELD
2842.0	85.19	31.52	2689.7	242.1	125.8	272.1	1.81	272.9	27.45	SDI E-FIELD
2874.0	85.63	31.10	2692.2	269.4	142.4	304.0	1.90	304.7	27.86	SDI E-FIELD
2906.0	85.90	30.29	2694.6	296.8	158.7	335.9	2.66	336.6	28.12	SDI E-FIELD
2937.0	86.23	29.85	2696.7	323.6	174.2	366.8	1.77	367.5	28.29	SDI E-FIELD
2967.0	90.87	31.54	2697.5	349.4	189.5	396.8	16.46	397.4	28.47	SDI E-FIELD
2999.0	94.21	31.76	2696.1	376.6	206.2	428.8	10.46	429.4	28.71	SDI E-FIELD
3031.0	91.06	29.43	2694.6	404.1	222.5	460.7	12.24	461.3	28.84	SDI E-FIELD
3062.0	89.90	30.19	2694.3	431.0	237.9	491.7	4.47	492.3	28.90	SDI E-FIELD
3094.0	88.05	28.70	2694.9	458.9	253.6	523.7	7.42	524.3	28.93	SDI E-FIELD
3125.0	87.51	27.91	2696.1	486.1	268.3	554.6	3.09	555.3	28.90	SDI E-FIELD
3157.0	88.18	27.91	2697.3	514.4	283.3	586.5	2.09	587.2	28.84	SDI E-FIELD
3188.0	88.52	29.16	2698.2	541.6	298.1	617.4	4.18	618.2	28.83	SDI E-FIELD
3219.0	88.99	30.52	2698.9	568.5	313.5	648.4	4.64	649.2	28.88	SDI E-FIELD
3251.0	89.46	31.98	2699.3	595.9	330.1	680.4	4.79	681.2	28.99	SDI E-FIELD
3282.0	90.64	33.49	2699.3	621.9	346.9	711.4	6.18	712.1	29.15	SDI E-FIELD
3314.0	90.24	33.36	2699.0	648.6	364.5	743.4	1.31	744.0	29.33	SDI E-FIELD
3346.0	90.10	32.32	2698.9	675.5	381.9	775.4	3.28	776.0	29.48	SDI E-FIELD
3377.0	91.65	33.33	2698.5	701.6	398.7	806.4	5.97	806.9	29.61	SDI E-FIELD
3408.0	92.56	32.96	2697.3	727.5	415.6	837.3	3.17	837.8	29.74	SDI E-FIELD
3438.0	93.13	32.78	2695.8	752.7	431.9	867.3	1.99	867.8	29.85	SDI E-FIELD
3469.0	93.53	32.54	2694.0	778.7	448.6	898.2	1.50	898.7	29.94	SDI E-FIELD
3501.0	92.99	32.29	2692.2	805.7	465.7	930.2	1.86	930.6	30.03	SDI E-FIELD
3533.0	92.42	32.23	2690.7	832.7	482.7	962.1	1.79	962.5	30.10	SDI E-FIELD
3564.0	90.81	32.03	2689.8	859.0	499.2	993.1	5.23	993.5	30.17	SDI E-FIELD
3596.0	90.00	31.78	2689.6	886.1	516.1	1025.1	2.65	1025.5	30.22	SDI E-FIELD
3627.0	90.77	31.31	2689.4	912.5	532.4	1056.1	2.91	1056.5	30.26	SDI E-FIELD
3659.0	91.21	31.48	2688.9	939.9	549.0	1088.1	1.47	1088.5	30.29	SDI E-FIELD
3691.0	91.01	31.84	2688.2	967.1	565.8	1120.1	1.29	1120.5	30.33	SDI E-FIELD
3722.0	92.35	31.15	2687.3	993.5	582.0	1151.1	4.86	1151.4	30.36	SDI E-FIELD
3754.0	93.03	30.64	2685.8	1020.9	598.4	1183.1	2.66	1183.4	30.38	SDI E-FIELD
3786.0	92.45	29.71	2684.3	1048.6	614.5	1215.0	3.42	1215.4	30.37	SDI E-FIELD
3817.0	91.92	28.92	2683.1	1075.6	629.7	1246.0	3.07	1246.3	30.34	SDI E-FIELD
3849.0	91.58	29.21	2682.1	1103.5	645.2	1277.9	1.40	1278.3	30.31	SDI E-FIELD
3880.0	90.54	30.05	2681.6	1130.5	660.5	1308.9	4.31	1309.3	30.30	SDI E-FIELD
3912.0	90.34	30.89	2681.3	1158.1	676.7	1340.9	2.70	1341.3	30.30	SDI E-FIELD
3944.0	90.13	30.80	2681.2	1185.5	693.1	1372.9	0.71	1373.3	30.31	SDI E-FIELD
3975.0	90.84	29.95	2680.9	1212.3	708.8	1403.9	3.57	1404.3	30.31	SDI E-FIELD
4007.0	91.31	29.78	2680.3	1240.0	724.8	1435.8	1.56	1436.3	30.30	SDI E-FIELD
4038.0	91.65	31.44	2679.5	1266.7	740.5	1466.8	5.46	1467.3	30.31	SDI E-FIELD
4070.0	92.59	32.55	2678.3	1293.8	757.5	1498.8	4.54	1499.2	30.35	SDI E-FIELD
4101.0	92.59	33.96	2676.9	1319.7	774.5	1529.8	4.54	1530.2	30.41	SDI E-FIELD
4133.0	90.20	33.94	2676.2	1346.2	792.3	1561.7	7.47	1562.1	30.48	SDI E-FIELD
4164.0	89.19	35.05	2676.3	1371.8	809.9	1592.7	4.84	1593.0	30.56	SDI E-FIELD
4195.0	89.73	34.66	2676.6	1397.2	827.6	1623.6	2.15	1623.9	30.64	SDI E-FIELD
4227.0	89.19	33.00	2676.9	1423.8	845.4	1655.6	5.45	1655.9	30.70	SDI E-FIELD



Scientific Drilling Houston

Final Survey Report

el paso | Production

Company: EL PASO PRODUCTION
Field: VERMEJO FIELD, NEW MEXICO
Site: RATON (D106)
Well: WELL D-106
Wellpath: LATERAL

Date: 8/14/2006 Time: 09:21:59 Page: 3
Co-ordinate(NE) Reference: Well: WELL D-106, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,31.74Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

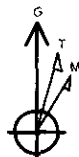
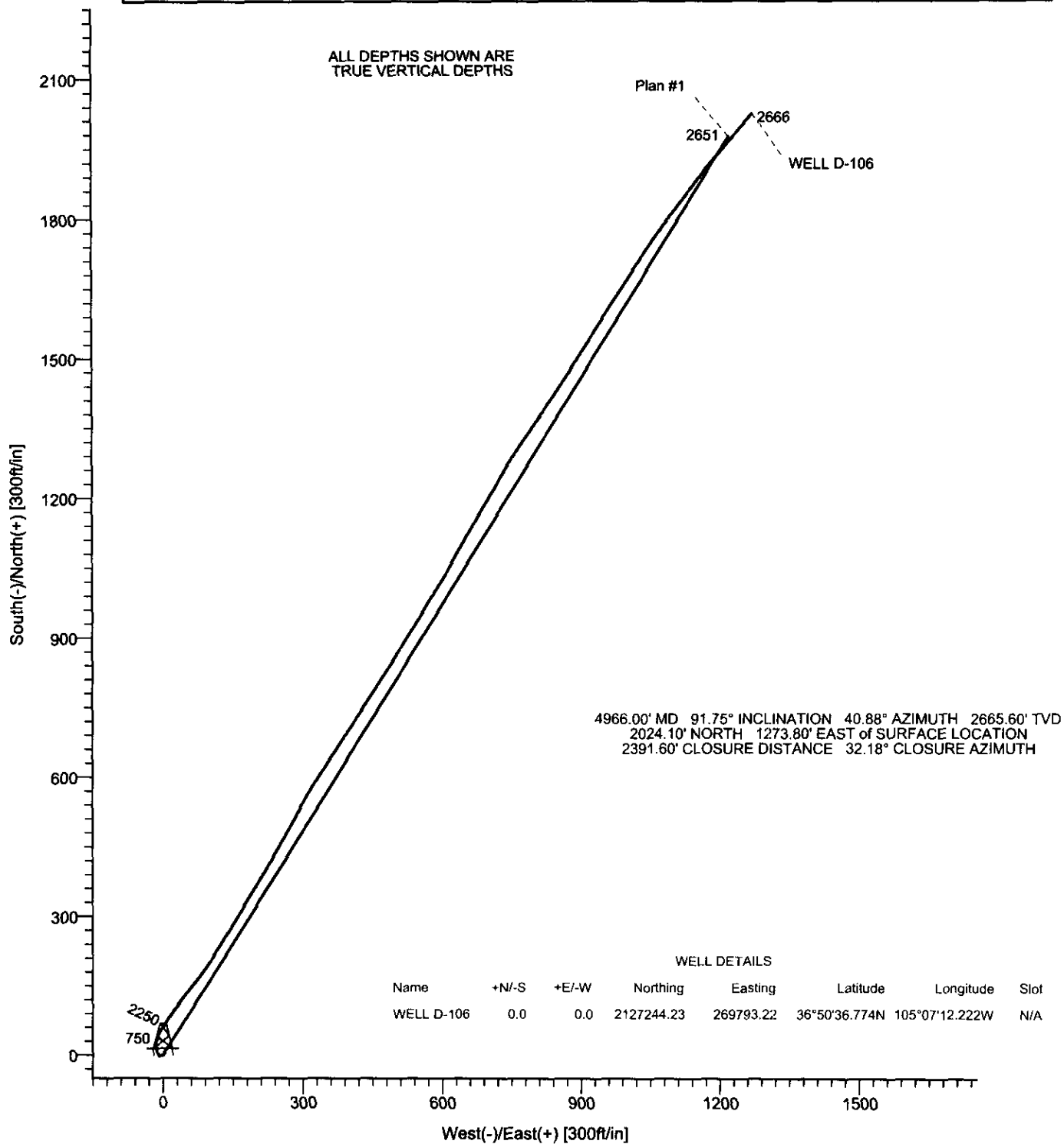
Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	ClsD ft	ClsA deg	Tool
4258.0	88.01	32.80	2677.7	1449.8	862.2	1686.6	3.86	1686.8	30.74	SDI E-FIELD
4290.0	87.81	32.39	2678.8	1476.8	879.5	1718.6	1.42	1718.8	30.78	SDI E-FIELD
4322.0	88.25	32.27	2679.9	1503.8	896.6	1750.5	1.43	1750.8	30.80	SDI E-FIELD
4354.0	88.89	32.44	2680.7	1530.8	913.7	1782.5	2.07	1782.8	30.83	SDI E-FIELD
4386.0	89.29	32.26	2681.2	1557.8	930.8	1814.5	1.37	1814.7	30.86	SDI E-FIELD
4417.0	90.54	32.25	2681.3	1584.1	947.4	1845.5	4.03	1845.7	30.88	SDI E-FIELD
4448.0	91.85	32.65	2680.6	1610.2	964.0	1876.5	4.42	1876.7	30.91	SDI E-FIELD
4479.0	92.25	32.67	2679.5	1636.3	980.7	1907.5	1.29	1907.7	30.94	SDI E-FIELD
4511.0	91.68	32.80	2678.4	1663.2	998.0	1939.5	1.83	1939.6	30.97	SDI E-FIELD
4542.0	90.74	33.15	2677.8	1689.2	1014.9	1970.5	3.24	1970.6	31.00	SDI E-FIELD
4574.0	90.81	33.47	2677.3	1715.9	1032.4	2002.4	1.02	2002.6	31.03	SDI E-FIELD
4606.0	90.88	33.98	2676.9	1742.6	1050.2	2034.4	1.61	2034.6	31.08	SDI E-FIELD
4637.0	91.08	35.57	2676.3	1768.0	1067.9	2065.4	5.17	2065.5	31.13	SDI E-FIELD
4669.0	91.78	36.72	2675.5	1793.8	1086.7	2097.3	4.21	2097.4	31.21	SDI E-FIELD
4701.0	92.66	37.41	2674.3	1819.4	1106.0	2129.1	3.49	2129.2	31.30	SDI E-FIELD
4733.0	93.50	37.24	2672.6	1844.8	1125.4	2160.9	2.68	2160.9	31.39	SDI E-FIELD
4764.0	93.16	37.69	2670.8	1869.3	1144.2	2191.7	1.82	2191.7	31.47	SDI E-FIELD
4794.0	91.71	38.34	2669.5	1892.9	1162.7	2221.5	5.30	2221.5	31.56	SDI E-FIELD
4826.0	91.28	40.08	2668.7	1917.7	1182.9	2253.2	5.60	2253.2	31.67	SDI E-FIELD
4857.0	90.57	40.24	2668.2	1941.4	1202.9	2283.9	2.35	2283.9	31.78	SDI E-FIELD
4888.0	91.08	40.29	2667.7	1965.1	1222.9	2314.5	1.65	2314.5	31.90	SDI E-FIELD
4919.0	91.61	40.82	2667.0	1988.6	1243.1	2345.1	2.42	2345.2	32.01	SDI E-FIELD
4932.0	91.75	40.88	2666.6	1998.4	1251.6	2358.0	1.17	2358.0	32.06	SDI E-FIELD
4966.0	91.75	40.88	2665.6	2024.1	1273.8	2391.5	0.00	2391.6	32.18	PROJECTED DEPTH

EL PASO PRODUCTION



RATON WELL D-106
LATERAL
VERMEJO FIELD, NEW MEXICO



Azimuths to Grid North
True North: 0.47°
Magnetic North: 9.78°

Magnetic Field
Strength: 5168nT
Dip Angle: 64.18°
Data: 7/24/2006
Model: igr2005

August 14, 2006
Scientific Drilling
281.443.4600



Scientific Drilling

EL PASO PRODUCTION

RATON WELL D-106
LATERAL
VERMEJO FIELD, NEW MEXICO

el paso Production

ALL DEPTHS SHOWN ARE
MEASURED DEPTHS

4966.00' MD 91.75° INCLINATION 40.88° AZIMUTH 2665.60' TVD
2024.10' NORTH 1273.80' EAST OF SURFACE LOCATION
2391.60' CLOSURE DISTANCE 32.18° CLOSURE AZIMUTH

