

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

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

2006 FEB 28 PM 12 44

Form C-103
May 27, 2004

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-007-20176 ✓
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 : 1300 feet from the South line and 1021 feet from the East line Section 1 Township 30N Range 17E NMPM Colfax County Bottom Hole Location: Unit K, Sec 1, T 30N, R 17E, 1509' FSL, 1760' FWL, Colfax County		8. Well Number 8 ✓
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 8,310' (GR)		9. OGRID Number 180514
Pit or Below-grade Tank Application ☐ or Closure ☐		
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:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

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.

01/30/06 MIRU Key Rig. LD rods, tubing, and pump.
01/31/06 Set whipstock at 1640'. Start milling window from 1640' - 1646'
01/31/06 MIRU CAZA Rig. Drill (1st) 4 3/4" horizontal lateral to 2974' TMD, 1790' TVD.
02/04/06 Circulate and clean hole. Pull up to 2410'. Open hole side track from 2410' - 2436'.
Drilled (2nd) horizontal lateral to 2764' TMD, 1788 TVD.
02/06/06 LD whip stock Clean out with Air Unit.
02/17/06 TIH with 2 7/8" production tubing, insert pump and 3/4" rods.
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 William M. Ordemann TITLE Production Engineer DATE 02/24/2006
Type or print name William M. Ordemann E-mail address: william.ordemann@elpaso.com Telephone No. (505) 445-6724

For State Use Only

APPROVED BY: [Signature] TITLE _____ DATE 3/3/06
Conditions of Approval (if any): _____



Scientific Drilling Houston

Final Survey Report



Company: EL PASO PRODUCTION
Field: VERMEJO FIELD, NEW MEXICO
Site: RATON (D8)
Well: WELL D-8
Wellpath: ST00BP00

Date: 2/9/2006 Time: 10:04:11 Page: 1
Co-ordinate(NE) Reference: Well: WELL D-8, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,275.00Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Field: VERMEJO FIELD, NEW MEXICO

Map System: US State Plane Coordinate System 1927
Geo Datum: NAD27 (Clarke 1866)
Sys Datum: Mean Sea Level

Map Zone: New Mexico, Eastern Zone
Coordinate System: Well Centre
Geomagnetic Model: igr2005

Site: RATON (D8)

Site Position: Northing: 2133133.43 ft Latitude: 36 51 35.867 N
From: Geographic Easting: 280621.38 ft Longitude: 105 4 59.583 W
Position Uncertainty: 0.0 ft North Reference: Grid
Ground Level: 8310.0 ft Grid Convergence: -0.45 deg

Well: WELL D-8

Slot Name:

Well Position: +N/-S 0.0 ft Northing: 2133133.43 ft Latitude: 36 51 35.867 N
+E/-W 0.0 ft Easting: 280621.38 ft Longitude: 105 4 59.583 W
Position Uncertainty: 0.0 ft

Wellpath: ST00BP00

Drilled From: Surface
Tie-on Depth: 0.0 ft
Above System Datum: Mean Sea Level
Declination: 9.36 deg
Mag Dip Angle: 64.21 deg
Direction
deg

Current Datum: SITE Height 0.0 ft
Magnetic Data: 1/27/2006
Field Strength: 51761 nT
Vertical Section: Depth From (TVD) +N/-S
ft ft
0.0 0.0 0.0 275.00

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	0.64	119.71	100.0	-0.3	0.5	-0.5	0.64	0.6	119.71	SDI Keeper
200.0	0.83	74.33	200.0	-0.4	1.7	-1.7	0.59	1.7	102.12	SDI Keeper
300.0	0.71	50.28	300.0	0.2	2.8	-2.8	0.34	2.9	85.30	SDI Keeper
400.0	0.94	37.26	400.0	1.3	3.8	-3.7	0.30	4.0	71.42	SDI Keeper
500.0	0.86	28.09	500.0	2.6	4.7	-4.4	0.16	5.3	60.89	SDI Keeper
600.0	0.81	41.81	599.9	3.8	5.5	-5.1	0.21	6.7	55.40	SDI Keeper
700.0	0.88	32.83	699.9	5.0	6.4	-5.9	0.15	8.1	52.13	SDI Keeper
800.0	0.92	25.02	799.9	6.3	7.1	-6.6	0.13	9.5	48.41	SDI Keeper
900.0	0.34	34.04	899.9	7.3	7.6	-7.0	0.59	10.6	46.28	SDI Keeper
1000.0	0.60	24.59	999.9	8.0	8.0	-7.3	0.27	11.3	44.99	SDI Keeper
1100.0	0.47	36.60	1099.9	8.8	8.5	-7.7	0.17	12.2	43.85	SDI Keeper
1200.0	0.50	16.92	1199.9	9.6	8.9	-8.0	0.17	13.0	42.76	SDI Keeper
1300.0	0.37	353.93	1299.9	10.3	8.9	-8.0	0.22	13.7	40.94	SDI Keeper
1400.0	0.42	354.27	1399.9	11.0	8.9	-7.9	0.05	14.1	38.90	SDI Keeper
1500.0	0.85	345.84	1499.9	12.1	8.7	-7.6	0.44	14.9	35.62	SDI Keeper
1600.0	0.71	347.36	1599.9	13.4	8.3	-7.1	0.14	15.8	31.89	SDI Keeper
1622.0	1.04	343.85	1621.9	13.7	8.3	-7.0	1.52	16.0	31.02	SDI Keeper
1650.0	2.03	275.00	1649.9	14.0	7.7	-6.4	6.85	16.0	28.75	SDI E-FIELD MWD
1657.0	0.68	275.00	1656.9	14.0	7.5	-6.3	19.29	15.9	28.21	SDI E-FIELD MWD
1694.0	10.32	275.00	1693.7	14.3	4.0	-2.7	26.05	14.9	15.58	SDI E-FIELD MWD
1719.0	23.06	265.18	1717.6	14.1	-3.1	4.4	52.02	14.5	347.47	SDI E-FIELD MWD
1751.0	38.69	263.87	1744.9	12.5	-19.4	20.4	48.89	23.1	302.80	SDI E-FIELD MWD
1783.0	55.02	261.93	1766.8	9.6	-42.5	43.2	51.22	43.6	282.72	SDI E-FIELD MWD
1812.0	70.62	264.14	1780.0	6.5	-68.0	68.4	54.21	68.4	275.47	SDI E-FIELD MWD
1838.0	83.36	266.29	1785.8	4.4	-93.2	93.3	49.65	93.3	272.71	SDI E-FIELD MWD
1869.0	88.49	269.32	1788.0	3.2	-124.1	123.9	19.21	124.2	271.49	SDI E-FIELD MWD
1901.0	89.56	274.04	1788.5	4.2	-156.1	155.9	15.12	156.1	271.53	SDI E-FIELD MWD



Scientific Drilling Houston

Final Survey Report



Company: EL PASO PRODUCTION
Field: VERMEJO FIELD, NEW MEXICO
Site: RATON (D8)
Well: WELL D-8
Wellpath: ST00BP00

Date: 2/9/2006 Time: 10:04:11 Page: 2
Co-ordinate(NE) Reference: Well: WELL D-8, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,275.00Azi)
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
1932.0	85.42	273.25	1789.9	6.1	-187.0	186.8	13.60	187.1	271.88	SDI E-FIELD MWD
1964.0	87.28	273.86	1791.9	8.1	-218.9	218.7	6.12	219.0	272.13	SDI E-FIELD MWD
1995.0	89.90	272.69	1792.7	9.9	-249.8	249.7	9.26	250.0	272.27	SDI E-FIELD MWD
2027.0	89.19	274.46	1793.0	11.9	-281.7	281.7	5.96	282.0	272.42	SDI E-FIELD MWD
2058.0	90.64	277.59	1793.0	15.1	-312.6	312.7	11.13	312.9	272.77	SDI E-FIELD MWD
2090.0	91.28	277.17	1792.5	19.2	-344.3	344.7	2.39	344.8	273.20	SDI E-FIELD MWD
2121.0	92.22	277.75	1791.5	23.3	-375.0	375.6	3.56	375.7	273.55	SDI E-FIELD MWD
2153.0	91.68	277.28	1790.4	27.5	-406.7	407.6	2.24	407.6	273.86	SDI E-FIELD MWD
2184.0	93.63	277.81	1789.0	31.5	-437.4	438.5	6.52	438.6	274.12	SDI E-FIELD MWD
2216.0	93.06	277.58	1787.1	35.8	-469.1	470.4	1.92	470.4	274.36	SDI E-FIELD MWD
2248.0	92.99	277.81	1785.4	40.1	-500.7	502.3	0.75	502.3	274.58	SDI E-FIELD MWD
2279.0	92.38	276.45	1784.0	43.9	-531.5	533.3	4.79	533.3	274.72	SDI E-FIELD MWD
2310.0	92.59	275.62	1782.6	47.2	-562.3	564.2	2.75	564.2	274.80	SDI E-FIELD MWD
2342.0	90.40	273.09	1781.8	49.6	-594.2	596.2	10.45	596.2	274.77	SDI E-FIELD MWD
2374.0	90.34	268.56	1781.6	50.1	-626.1	628.1	14.16	628.1	274.57	SDI E-FIELD MWD
2405.0	91.08	266.56	1781.2	48.7	-657.1	658.9	6.88	658.9	274.24	SDI E-FIELD MWD
2436.0	94.10	272.39	1779.8	48.5	-688.1	689.7	21.16	689.8	274.03	SDI E-FIELD MWD
2467.0	94.00	273.57	1777.6	50.1	-718.9	720.6	3.81	720.7	273.98	SDI E-FIELD MWD
2498.0	90.98	274.29	1776.3	52.2	-749.8	751.5	10.01	751.7	273.98	SDI E-FIELD MWD
2530.0	88.76	274.83	1776.3	54.7	-781.7	783.5	7.14	783.7	274.01	SDI E-FIELD MWD
2561.0	86.63	274.79	1777.6	57.3	-812.6	814.5	6.87	814.6	274.04	SDI E-FIELD MWD
2593.0	85.32	275.06	1779.8	60.1	-844.4	846.4	4.18	846.5	274.07	SDI E-FIELD MWD
2624.0	85.39	273.99	1782.4	62.5	-875.2	877.3	3.45	877.4	274.09	SDI E-FIELD MWD
2655.0	87.48	273.72	1784.3	64.6	-906.1	908.3	6.80	908.4	274.08	SDI E-FIELD MWD
2687.0	89.23	274.14	1785.2	66.8	-938.0	940.2	5.62	940.4	274.07	SDI E-FIELD MWD
2718.0	93.27	274.88	1784.5	69.2	-968.9	971.2	13.25	971.3	274.09	SDI E-FIELD MWD
2749.0	93.26	275.42	1782.8	72.0	-999.7	1002.2	1.74	1002.3	274.12	SDI E-FIELD MWD
2781.0	90.20	276.74	1781.8	75.4	-1031.5	1034.1	10.41	1034.2	274.18	SDI E-FIELD MWD
2812.0	88.29	277.38	1782.2	79.2	-1062.3	1065.1	6.50	1065.2	274.26	SDI E-FIELD MWD
2844.0	89.46	279.59	1782.8	83.9	-1093.9	1097.1	7.81	1097.1	274.39	SDI E-FIELD MWD
2875.0	87.81	279.70	1783.6	89.1	-1124.5	1127.9	5.33	1128.0	274.53	SDI E-FIELD MWD
2906.0	86.20	279.54	1785.2	94.3	-1155.0	1158.8	5.22	1158.8	274.67	SDI E-FIELD MWD
2938.0	85.17	278.52	1787.6	99.3	-1186.5	1190.6	4.52	1190.6	274.78	SDI E-FIELD MWD
2974.0	85.17	278.52	1790.6	104.6	-1222.0	1226.4	0.00	1226.4	274.89	PROJECTED DEPTH



Scientific Drilling Houston

Final Survey Report



Company: EL PASO PRODUCTION	Date: 2/9/2006	Time: 10:12:34	Page: 1							
Field: VERMEJO FIELD, NEW MEXICO	Co-ordinate(NE) Reference:	Well: WELL D-8, Grid North								
Site: RATON (D8)	Vertical (TVD) Reference:	SITE 0.0								
Well: WELL D-8	Section (VS) Reference:	Well (0.00N,0.00E,0.00Azi)								
Wellpath: ST00BP01	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 (D8)										
Site Position:	Northing: 2133133.43 ft	Latitude: 36 51 35.867 N								
From: Geographic	Easting: 280621.38 ft	Longitude: 105 4 59.583 W								
Position Uncertainty: 0.0 ft		North Reference: Grid								
Ground Level: 8310.0 ft		Grid Convergence: -0.45 deg								
Well: WELL D-8										
Slot Name:										
Well Position: +N/-S 0.0 ft	Northing: 2133133.43 ft	Latitude: 36 51 35.867 N								
+E/-W 0.0 ft	Easting: 280621.38 ft	Longitude: 105 4 59.583 W								
Position Uncertainty: 0.0 ft										
Wellpath: ST00BP01										
Current Datum: SITE	Height 0.0 ft	Drilled From: ST00BP00								
Magnetic Data: 2/9/2006		Tie-on Depth: 2405.0 ft								
Field Strength: 51758 nT		Above System Datum: Mean Sea Level								
Vertical Section: Depth From (TVD)	+N/-S ft	Declination: 9.35 deg								
		Mag Dip Angle: 64.21 deg								
		+E/-W ft	Direction deg							
0.0	0.0	0.0	0.00							
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	0.64	119.71	100.0	-0.3	0.5	-0.3	0.64	0.6	119.71	SDI Keeper
200.0	0.83	74.33	200.0	-0.4	1.7	-0.4	0.59	1.7	102.12	SDI Keeper
300.0	0.71	50.28	300.0	0.2	2.8	0.2	0.34	2.9	85.30	SDI Keeper
400.0	0.94	37.26	400.0	1.3	3.8	1.3	0.30	4.0	71.42	SDI Keeper
500.0	0.86	28.09	500.0	2.6	4.7	2.6	0.16	5.3	60.89	SDI Keeper
600.0	0.81	41.81	599.9	3.8	5.5	3.8	0.21	6.7	55.40	SDI Keeper
700.0	0.88	32.83	699.9	5.0	6.4	5.0	0.15	8.1	52.13	SDI Keeper
800.0	0.92	25.02	799.9	6.3	7.1	6.3	0.13	9.5	48.41	SDI Keeper
900.0	0.34	34.04	899.9	7.3	7.6	7.3	0.59	10.6	46.28	SDI Keeper
1000.0	0.60	24.59	999.9	8.0	8.0	8.0	0.27	11.3	44.99	SDI Keeper
1100.0	0.47	36.60	1099.9	8.8	8.5	8.8	0.17	12.2	43.85	SDI Keeper
1200.0	0.50	16.92	1199.9	9.6	8.9	9.6	0.17	13.0	42.76	SDI Keeper
1300.0	0.37	353.93	1299.9	10.3	8.9	10.3	0.22	13.7	40.94	SDI Keeper
1400.0	0.42	354.27	1399.9	11.0	8.9	11.0	0.05	14.1	38.90	SDI Keeper
1500.0	0.85	345.84	1499.9	12.1	8.7	12.1	0.44	14.9	35.62	SDI Keeper
1600.0	0.71	347.36	1599.9	13.4	8.3	13.4	0.14	15.8	31.89	SDI Keeper
1622.0	1.04	343.85	1621.9	13.7	8.3	13.7	1.52	16.0	31.02	SDI Keeper
1650.0	2.03	275.00	1649.9	14.0	7.7	14.0	6.85	16.0	28.75	SDI E-FIELD MWD
1657.0	0.68	275.00	1656.9	14.0	7.5	14.0	19.29	15.9	28.21	SDI E-FIELD MWD
1694.0	10.32	275.00	1693.7	14.3	4.0	14.3	26.05	14.9	15.58	SDI E-FIELD MWD
1719.0	23.06	265.18	1717.6	14.1	-3.1	14.1	52.02	14.5	347.47	SDI E-FIELD MWD
1751.0	38.69	263.87	1744.9	12.5	-19.4	12.5	48.89	23.1	302.80	SDI E-FIELD MWD
1783.0	55.02	261.93	1766.8	9.6	-42.5	9.6	51.22	43.6	282.72	SDI E-FIELD MWD
1812.0	70.62	264.14	1780.0	6.5	-68.0	6.5	54.21	68.4	275.47	SDI E-FIELD MWD
1838.0	83.36	266.29	1785.8	4.4	-93.2	4.4	49.65	93.3	272.71	SDI E-FIELD MWD
1869.0	88.49	269.32	1788.0	3.2	-124.1	3.2	19.21	124.2	271.49	SDI E-FIELD MWD
1901.0	89.56	274.04	1788.5	4.2	-156.1	4.2	15.12	156.1	271.53	SDI E-FIELD MWD



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Final Survey Report



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Date: 2/9/2006 Time: 10:12:34 Page: 2
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Section (VS) Reference: Well (0.00N,0.00E,0.00Azi)
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
1932.0	85.42	273.25	1789.9	6.1	-187.0	6.1	13.60	187.1	271.88	SDI E-FIELD MWD
1964.0	87.28	273.86	1791.9	8.1	-218.9	8.1	6.12	219.0	272.13	SDI E-FIELD MWD
1995.0	89.90	272.69	1792.7	9.9	-249.8	9.9	9.26	250.0	272.27	SDI E-FIELD MWD
2027.0	89.19	274.46	1793.0	11.9	-281.7	11.9	5.96	282.0	272.42	SDI E-FIELD MWD
2058.0	90.64	277.59	1793.0	15.1	-312.6	15.1	11.13	312.9	272.77	SDI E-FIELD MWD
2090.0	91.28	277.17	1792.5	19.2	-344.3	19.2	2.39	344.8	273.20	SDI E-FIELD MWD
2121.0	92.22	277.75	1791.5	23.3	-375.0	23.3	3.56	375.7	273.55	SDI E-FIELD MWD
2153.0	91.68	277.28	1790.4	27.5	-406.7	27.5	2.24	407.6	273.86	SDI E-FIELD MWD
2184.0	93.63	277.81	1789.0	31.5	-437.4	31.5	6.52	438.6	274.12	SDI E-FIELD MWD
2216.0	93.06	277.58	1787.1	35.8	-469.1	35.8	1.92	470.4	274.36	SDI E-FIELD MWD
2248.0	92.99	277.81	1785.4	40.1	-500.7	40.1	0.75	502.3	274.58	SDI E-FIELD MWD
2279.0	92.39	276.45	1784.0	43.9	-531.5	43.9	4.79	533.3	274.72	SDI E-FIELD MWD
2310.0	92.59	275.62	1782.6	47.2	-562.3	47.2	2.75	564.2	274.80	SDI E-FIELD MWD
2342.0	90.40	273.09	1781.8	49.6	-594.2	49.6	10.45	596.2	274.77	SDI E-FIELD MWD
2374.0	90.34	268.56	1781.6	50.1	-626.1	50.1	14.16	628.1	274.57	SDI E-FIELD MWD
2405.0	91.08	266.56	1781.2	48.7	-657.1	48.7	6.88	658.9	274.24	SDI E-FIELD MWD
2436.0	92.86	271.72	1780.1	48.3	-688.1	48.3	17.60	689.8	274.01	SDI E-FIELD MWD
2467.0	90.27	269.64	1779.3	48.6	-719.1	48.6	10.71	720.7	273.87	SDI E-FIELD MWD
2498.0	89.87	265.32	1779.3	47.3	-750.0	47.3	14.00	751.5	273.61	SDI E-FIELD MWD
2530.0	87.17	260.79	1780.1	43.4	-781.8	43.4	16.47	783.0	273.18	SDI E-FIELD MWD
2561.0	87.21	259.47	1781.6	38.1	-812.3	38.1	4.25	813.2	272.69	SDI E-FIELD MWD
2593.0	88.99	258.87	1782.7	32.1	-843.7	32.1	5.87	844.3	272.18	SDI E-FIELD MWD
2624.0	88.55	258.18	1783.3	25.9	-874.1	25.9	2.64	874.4	271.70	SDI E-FIELD MWD
2655.0	88.18	260.94	1784.2	20.3	-904.5	20.3	8.98	904.8	271.29	SDI E-FIELD MWD
2687.0	88.18	260.77	1785.2	15.2	-936.1	15.2	0.53	936.2	270.93	SDI E-FIELD MWD
2718.0	87.78	263.10	1786.3	10.9	-966.8	10.9	7.62	966.8	270.65	SDI E-FIELD MWD
2764.0	87.78	263.10	1788.1	5.4	-1012.4	5.4	0.00	1012.4	270.30	PROJECTED DEPTH

EL PASO PRODUCTION

RATON WELL D-8
VERMEJO FIELD, NEW MEXICO
ST00BP00 / ST00BP01

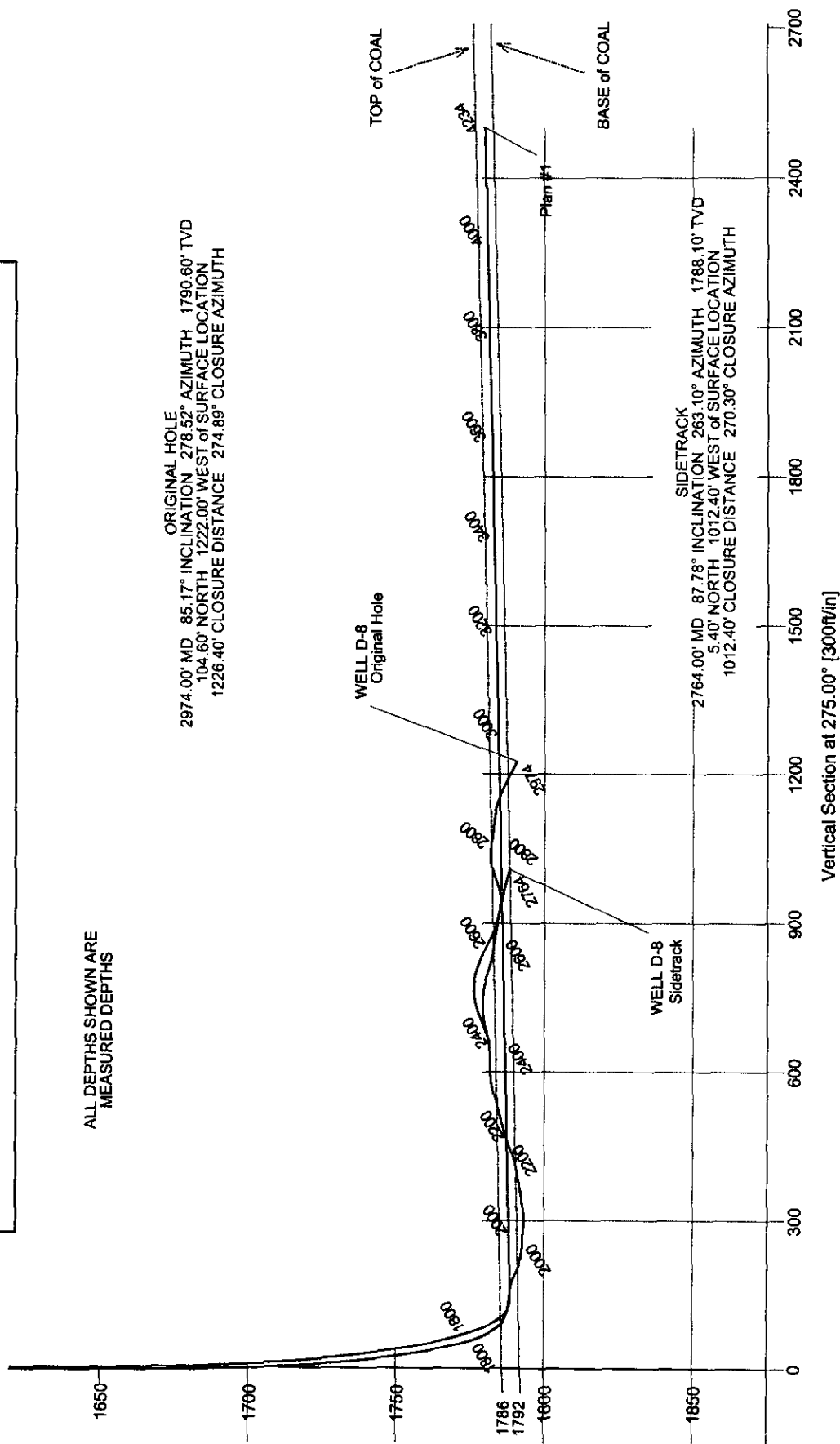
el paso Production



ALL DEPTHS SHOWN ARE
MEASURED DEPTHS

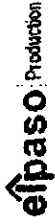
ORIGINAL HOLE
2974.00' MD 85.17° INCLINATION 278.52° AZIMUTH 1790.60' TVD
104.60' NORTH 1222.00' WEST of SURFACE LOCATION
1226.40' CLOSURE DISTANCE 274.89° CLOSURE AZIMUTH

True Vertical Depth (50ft/in)



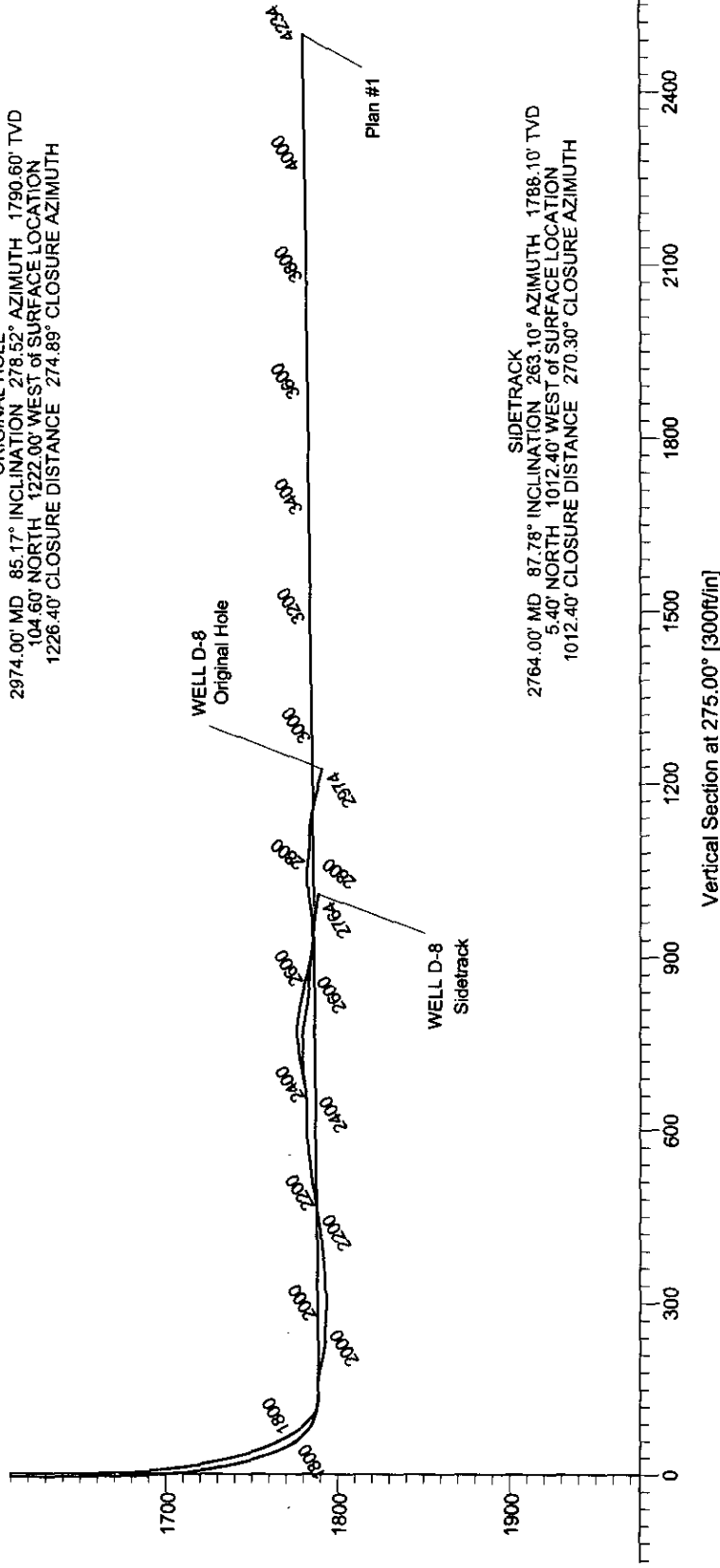
EL PASO PRODUCTION

RATON WELL D-8
VERMEJO FIELD, NEW MEXICO
ST00BP00 / ST00BP01



ALL DEPTHS SHOWN ARE
MEASURED DEPTHS

ORIGINAL HOLE
2974.00' MD 85.17° INCLINATION 278.52° AZIMUTH 1790.60' TVD
104.60' NORTH 1222.00' WEST of SURFACE LOCATION
1226.40' CLOSURE DISTANCE 274.89° CLOSURE AZIMUTH



EL PASO PRODUCTION

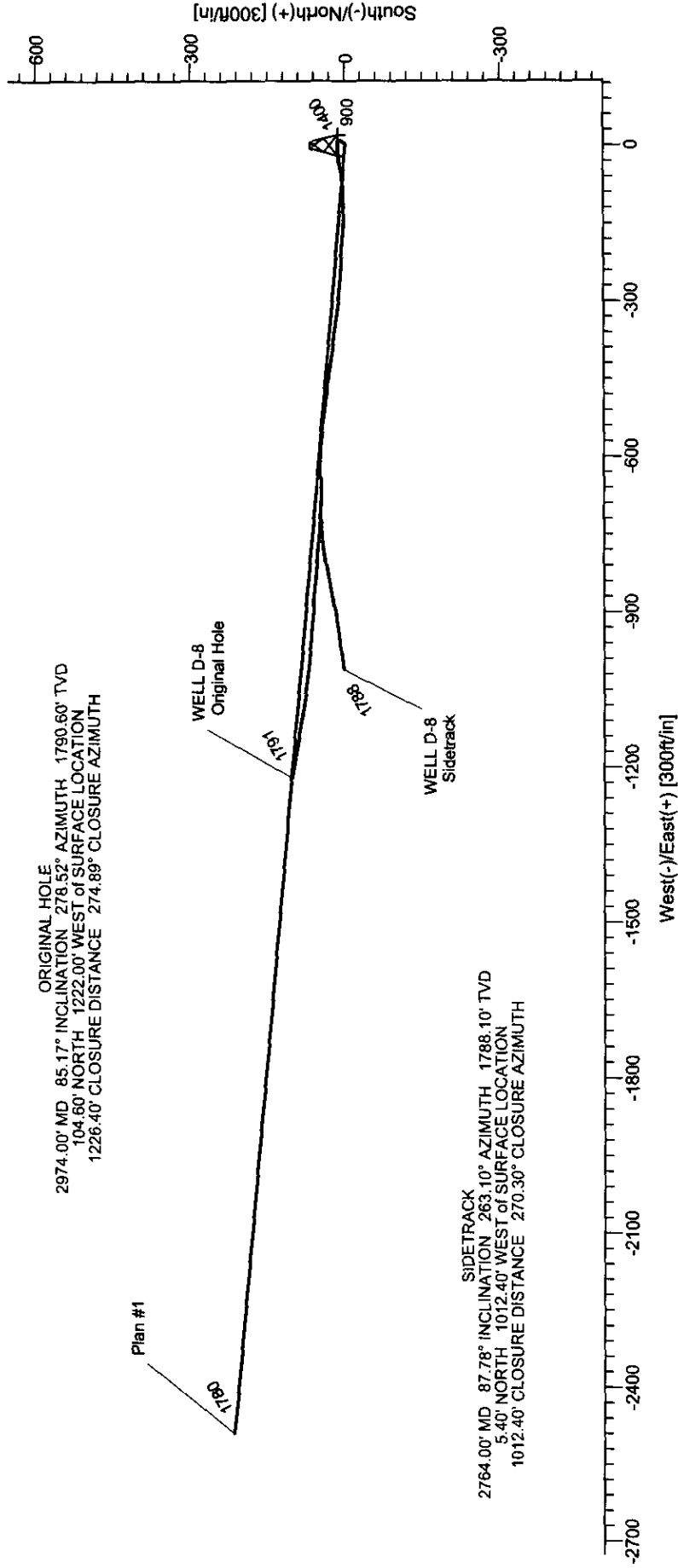
RATON WELL D-8
VERMEJO FIELD, NEW MEXICO
ST00BP00 / ST00BP01



ALL DEPTHS SHOWN ARE
TRUE VERTICAL DEPTHS

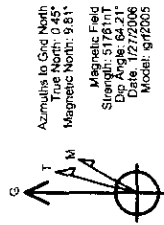
ORIGINAL HOLE
2974.00' MD 85.17° INCLINATION 278.52° AZIMUTH 1790.60' TVD
104.60' NORTH 1222.00' WEST of SURFACE LOCATION
1226.40' CLOSURE DISTANCE 274.89° CLOSURE AZIMUTH

SIDETRACK
2764.00' MD 87.78° INCLINATION 263.10° AZIMUTH 1788.10' TVD
5.40' NORTH 1012.40' WEST of SURFACE LOCATION
1012.40' CLOSURE DISTANCE 270.30° CLOSURE AZIMUTH



WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
WELL D-8	0.0	0.0	2133133.43	280621.38	36°51'35.867N	105°04'59.583W	N/A



Azimuth to Grid North
Grid North: 0.0°
Magnetic North: 8.81°
Magnetic Field
Strength: 51781nT
Declination: 8.81°
Date: 12/27/2006
Model: 9102005

February 9, 2006
Scientific Drilling
281.443.4600