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

Form C-103
May 27, 2004

WELL API NO. **30-007-20558**

5. Indicate Type of Lease STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

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.)

7. Lease Name or Unit Agreement Name **VPR B**

1. Type of Well: Oil Well ☐ Gas Well ☒ Other **COALBED METHANE**

8. Well Number **72**

2. Name of Operator **EL PASO ENERGY RATON, L.L.C.**

9. OGRID Number **180514**

3. Address of Operator **PO BOX 190, RATON, NM 87740**

10. Pool name or Wildcat 97047

4. Well Surface Location

Unit Letter **D** : **1299** feet from the **North** line and **689** feet from the **West** line

Section **14** Township **31N** Range **18E** NMPM **Colfax** County

Well Bottom Hole Location: **Unit C, Sec 14, T29N, R18E, 50 FNL, 2590 FWL**

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* **8,225' (GR)**

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:				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.

01/27/05 Schlumberger ran CBL. Estimated top of cement at 37'. ✓

02/21/05 MIRU Caza Rig. RIH with Gyro and orientate tool face to 56.69°. Set whipstock at 2,250'.
Top of window at 2,250'. Bottom of window at 2,256' TMD.
Drilled a curve and horizontal lateral to 4,589' TMD. 2,449.7 TVD. (See attached directional surveys.)

03/02/05 Ran 75 jts of 3 ½", 9.3# casing to 2,342'. Set top of perforated liner 2,290' to 4,546'.

03/08/05 MIRU HES and Schlumberger Wireline.
Perf'd 1st stage: 1,396'- 1,398', 1,407'- 1,412', 1,485'- 1,487', 1,490'- 1,493' 48 Holes
Frac'd 1st stage: Pumped 427 Mscf 70% quality nitrogen and 20# Linear gel with 48,541 lbs Brady sand, 20.7 bpm, 2,666 psi, ISIP 1,555 psi.
Perf'd 2nd stage: 935'- 942', 1,020'- 1,022', 1,026'- 1,028' 44 Holes
Frac'd 2nd stage: Pumped 253 Mscf 70% quality nitrogen and 20# Linear gel with 42,575 lbs Brady sand, 19.4 bpm, 1839 psi, ISIP 1325 psi.

03/11/05 Tag sand at 1,155'. Clean down to 1st plug at 1200'. Clean down to last plug set at 1650'. TOH with tools and whipstock.

03/19/05 TIH with 2 7/8" production string and cleaned to PBTD at 2,815'. Run 103 ¾" rods and 1 ¾" insert pump. Test well and put 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 **04/25/05**

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: _____ TITLE DISTRICT SUPERVISOR DATE 5/5/07

Conditions of Approval (if any):

Scientific Drilling

Scientific Drilling Houston
Final Survey Report

elpaso Production

Company:	EL PASO PRODUCTION	**Date:** 3/9/2005	**Time:** 10:26:56	**Page:**	1
Field:	VERMEJO FIELD, NEW MEXICO	**Co-ordinate(NE) Reference:**	Well: WELL B-72, Grid North		
Site:	RATON (B72)	**Vertical (TVD) Reference:**	SITE 0.0		
Well:	WELL B-72	**Section (VS) Reference:**	Well (0.00N,0.00E,56.73Azi)		
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 (B72)

SECTION 14, T29N-R18E

Site Position:		**Northing:**	ft	**Latitude:**	
From:	Lease Line	**Easting:**	ft	**Longitude:**	
Position Uncertainty:	0.0 ft			**North Reference:**	Grid
Ground Level:	8225.0 ft			**Grid Convergence:**	-0.40 deg

Well: WELL B-72 **Slot Name:**

SECTION 14, T29N-R18E

Well Position:	+N/-S	0.0 ft	**Northing:**	2093406.6102 ft	**Latitude:**	36	45	4.700 N
	+E/-W	0.0 ft	**Easting:**	303153.1561 ft	**Longitude:**	105	0	18.900 W
Position Uncertainty:		0.0 ft						

Wellpath: LATERAL

				Drilled From:	Surface
				Tie-on Depth:	0.0 ft
Current Datum:	SITE	**Height**	0.0 ft	**Above System Datum:**	Mean Sea Level
Magnetic Data:	12/30/2004			**Declination:**	9.57 deg
Field Strength:	51953 nT			**Mag Dip Angle:**	64.21 deg

Vertical Section:	**Depth From (TVD)**	**+N/-S**	**+E/-W**	**Direction**
	ft	ft	ft	deg
	0.0	0.0	0.0	56.73

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	1.33	189.52	100.0	-1.1	-0.2	-0.8	1.33	1.2	189.52	GEO GYRO SURVEY
200.0	1.89	179.29	200.0	-3.9	-0.4	-2.5	0.63	4.0	185.27	GEO GYRO SURVEY
300.0	1.12	157.02	299.9	-6.5	0.0	-3.5	0.95	6.5	179.66	GEO GYRO SURVEY
400.0	0.54	143.38	399.9	-7.8	0.7	-3.7	0.61	7.8	174.84	GEO GYRO SURVEY
500.0	0.50	116.74	499.9	-8.3	1.4	-3.4	0.24	8.5	170.66	GEO GYRO SURVEY
600.0	0.50	131.70	599.9	-8.8	2.1	-3.1	0.13	9.1	166.69	GEO GYRO SURVEY
700.0	0.59	130.72	699.9	-9.5	2.8	-2.8	0.09	9.9	163.48	GEO GYRO SURVEY
800.0	0.64	156.90	799.9	-10.3	3.4	-2.8	0.28	10.9	161.67	GEO GYRO SURVEY
900.0	0.40	146.42	899.9	-11.1	3.8	-2.9	0.26	11.7	161.00	GEO GYRO SURVEY
1000.0	0.33	153.52	999.9	-11.7	4.1	-2.9	0.08	12.4	160.42	GEO GYRO SURVEY
1100.0	0.44	168.97	1099.9	-12.3	4.3	-3.1	0.15	13.0	160.52	GEO GYRO SURVEY
1200.0	0.41	169.78	1199.9	-13.0	4.5	-3.4	0.03	13.8	160.99	GEO GYRO SURVEY
1300.0	0.32	148.62	1299.9	-13.6	4.7	-3.5	0.16	14.4	160.97	GEO GYRO SURVEY
1400.0	0.40	150.83	1399.9	-14.2	5.0	-3.6	0.08	15.0	160.51	GEO GYRO SURVEY
1500.0	0.81	131.75	1499.9	-14.9	5.7	-3.4	0.45	16.0	159.08	GEO GYRO SURVEY
1600.0	0.91	133.59	1599.9	-15.9	6.8	-3.1	0.10	17.3	156.88	GEO GYRO SURVEY
1700.0	0.89	128.98	1699.8	-17.0	8.0	-2.6	0.08	18.8	154.81	GEO GYRO SURVEY
1800.0	0.60	151.20	1799.8	-17.9	8.8	-2.4	0.40	20.0	153.74	GEO GYRO SURVEY
1900.0	0.58	164.67	1899.8	-18.9	9.2	-2.6	0.14	21.0	153.94	GEO GYRO SURVEY
2000.0	0.63	174.84	1999.8	-19.9	9.4	-3.1	0.12	22.0	154.70	GEO GYRO SURVEY
2100.0	0.54	141.71	2099.8	-20.8	9.8	-3.3	0.34	23.0	154.90	GEO GYRO SURVEY
2200.0	0.69	134.96	2199.8	-21.6	10.5	-3.1	0.17	24.0	154.16	GEO GYRO SURVEY
2257.0	0.52	121.85	2256.8	-22.0	10.9	-2.9	0.38	24.6	153.57	GEO GYRO SURVEY
2269.0	9.12	54.45	2268.8	-21.5	11.8	-2.0	74.44	24.5	151.30	SDI E-FIELD
2285.0	14.96	46.34	2284.4	-19.3	14.3	1.3	37.91	24.0	143.51	SDI E-FIELD
2300.0	20.88	43.33	2298.7	-16.0	17.5	5.9	39.93	23.7	132.45	SDI E-FIELD
2332.0	31.38	55.62	2327.4	-7.1	28.4	19.8	36.76	29.2	104.15	SDI E-FIELD

Scientific Drilling

Scientific Drilling Houston
Final Survey Report

elpaso Production

Company:	EL PASO PRODUCTION	**Date:** 3/9/2005	**Time:** 10:26:56	**Page:**	2
Field:	VERMEJO FIELD, NEW MEXICO	**Co-ordinate(NE) Reference:**	Well: WELL B-72, Grid North		
Site:	RATON (B72)	**Vertical (TVD) Reference:**	SITE 0.0		
Well:	WELL B-72	**Section (VS) Reference:**	Well (0.00N,0.00E,56.73Azi)		
Wellpath:	LATERAL	**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
2364.0	41.85	66.12	2353.1	1.9	45.1	38.7	38.03	45.1	87.57	SDI E-FIELD
2395.0	50.02	74.77	2374.6	9.2	66.0	60.3	33.07	66.7	82.03	SDI E-FIELD
2426.0	59.65	64.82	2392.5	18.1	89.7	84.9	40.61	91.5	78.60	SDI E-FIELD
2456.0	69.99	57.58	2405.2	31.2	113.4	111.9	40.78	117.6	74.61	SDI E-FIELD
2487.0	80.09	51.75	2413.2	48.5	137.8	141.8	37.29	146.0	70.60	SDI E-FIELD
2519.0	81.34	48.65	2418.4	68.7	162.0	173.2	10.33	176.0	67.01	SDI E-FIELD
2550.0	84.65	46.41	2422.2	89.5	184.7	203.5	12.86	205.2	64.15	SDI E-FIELD
2581.0	86.60	44.90	2424.5	111.1	206.8	233.9	7.95	234.8	61.75	SDI E-FIELD
2613.0	85.76	45.28	2426.7	133.7	229.4	265.1	2.88	265.5	59.78	SDI E-FIELD
2645.0	84.94	47.67	2429.3	155.6	252.5	296.5	7.87	296.6	58.36	SDI E-FIELD
2676.0	88.45	49.63	2431.1	176.1	275.8	327.2	12.96	327.2	57.44	SDI E-FIELD
2708.0	89.83	51.17	2431.5	196.5	300.4	358.9	6.46	359.0	56.82	SDI E-FIELD
2739.0	90.00	51.59	2431.6	215.8	324.6	389.8	1.46	389.8	56.39	SDI E-FIELD
2771.0	88.92	52.47	2431.9	235.5	349.9	421.7	4.35	421.7	56.06	SDI E-FIELD
2803.0	86.63	54.41	2433.1	254.5	375.5	453.6	9.38	453.7	55.87	SDI E-FIELD
2834.0	89.39	57.82	2434.2	271.8	401.3	484.6	14.15	484.6	55.89	SDI E-FIELD
2866.0	90.61	59.57	2434.2	288.4	428.6	516.6	6.67	516.6	56.06	SDI E-FIELD
2896.0	91.68	57.81	2433.6	304.0	454.2	546.6	6.86	546.6	56.21	SDI E-FIELD
2927.0	92.83	54.37	2432.4	321.3	479.9	577.5	11.69	577.5	56.20	SDI E-FIELD
2958.0	89.60	54.86	2431.7	339.2	505.2	608.5	10.54	608.5	56.12	SDI E-FIELD
2989.0	87.20	57.19	2432.6	356.5	530.9	639.5	10.79	639.5	56.11	SDI E-FIELD
3020.0	88.38	59.25	2433.8	372.9	557.2	670.4	7.65	670.5	56.21	SDI E-FIELD
3052.0	90.13	60.99	2434.2	388.8	585.0	702.4	7.71	702.4	56.39	SDI E-FIELD
3083.0	89.56	63.07	2434.3	403.3	612.3	733.2	6.96	733.2	56.63	SDI E-FIELD
3114.0	90.87	59.28	2434.2	418.3	639.5	764.1	12.94	764.1	56.81	SDI E-FIELD
3146.0	91.45	58.30	2433.5	434.9	666.9	796.1	3.56	796.1	56.89	SDI E-FIELD
3177.0	89.70	55.84	2433.2	451.7	692.9	827.1	9.74	827.1	56.90	SDI E-FIELD
3208.0	87.88	53.97	2433.9	469.5	718.2	858.1	8.42	858.1	56.83	SDI E-FIELD
3240.0	88.62	51.71	2434.8	488.8	743.7	890.0	7.43	890.0	56.68	SDI E-FIELD
3271.0	89.53	54.58	2435.3	507.4	768.5	920.9	9.71	920.9	56.56	SDI E-FIELD
3302.0	89.43	59.64	2435.6	524.3	794.5	951.9	16.33	951.9	56.58	SDI E-FIELD
3334.0	89.70	59.99	2435.9	540.4	822.2	983.9	1.38	983.9	56.69	SDI E-FIELD
3365.0	90.13	59.99	2435.9	555.9	849.0	1014.8	1.39	1014.8	56.79	SDI E-FIELD
3396.0	90.61	55.81	2435.7	572.3	875.3	1045.8	13.57	1045.8	56.82	SDI E-FIELD
3427.0	88.11	52.19	2436.1	590.5	900.4	1076.8	14.19	1076.8	56.74	SDI E-FIELD
3458.0	89.19	50.09	2436.8	610.0	924.5	1107.6	7.62	1107.6	56.58	SDI E-FIELD
3490.0	91.11	52.41	2436.7	630.0	949.4	1139.4	9.41	1139.5	56.43	SDI E-FIELD
3520.0	90.17	55.34	2436.4	647.7	973.7	1169.4	10.26	1169.4	56.37	SDI E-FIELD
3552.0	89.76	56.97	2436.4	665.5	1000.3	1201.4	5.25	1201.4	56.36	SDI E-FIELD
3584.0	89.39	53.17	2436.6	683.8	1026.5	1233.4	11.93	1233.4	56.33	SDI E-FIELD
3615.0	87.91	55.65	2437.4	701.9	1051.7	1264.3	9.31	1264.4	56.28	SDI E-FIELD
3648.0	87.48	58.58	2438.7	719.8	1079.4	1297.3	8.97	1297.3	56.30	SDI E-FIELD
3678.0	88.59	60.93	2439.7	734.9	1105.3	1327.2	8.66	1327.3	56.38	SDI E-FIELD
3709.0	88.59	65.15	2440.5	748.9	1132.9	1358.0	13.61	1358.1	56.53	SDI E-FIELD
3740.0	91.28	66.24	2440.5	761.7	1161.1	1388.7	9.36	1388.7	56.74	SDI E-FIELD
3771.0	90.40	61.85	2440.1	775.2	1189.0	1419.4	14.44	1419.4	56.90	SDI E-FIELD
3802.0	89.19	58.59	2440.2	790.6	1215.9	1450.3	11.22	1450.3	56.97	SDI E-FIELD
3833.0	89.76	55.55	2440.5	807.5	1241.9	1481.3	9.98	1481.3	56.97	SDI E-FIELD
3865.0	91.48	52.71	2440.1	826.2	1267.8	1513.3	10.38	1513.3	56.91	SDI E-FIELD
3896.0	92.46	49.75	2439.0	845.6	1292.0	1544.1	10.05	1544.1	56.79	SDI E-FIELD
3928.0	92.32	50.41	2437.7	866.1	1316.5	1575.9	2.11	1575.9	56.66	SDI E-FIELD
3960.0	88.62	50.19	2437.4	886.6	1341.1	1607.7	11.58	1607.7	56.53	SDI E-FIELD

Scientific Drilling

Scientific Drilling Houston
Final Survey Report

elpaso Production

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Wellpath:	LATERAL	**Survey Calculation Method:**	Minimum Curvature	**Db:**	Sybase

Survey

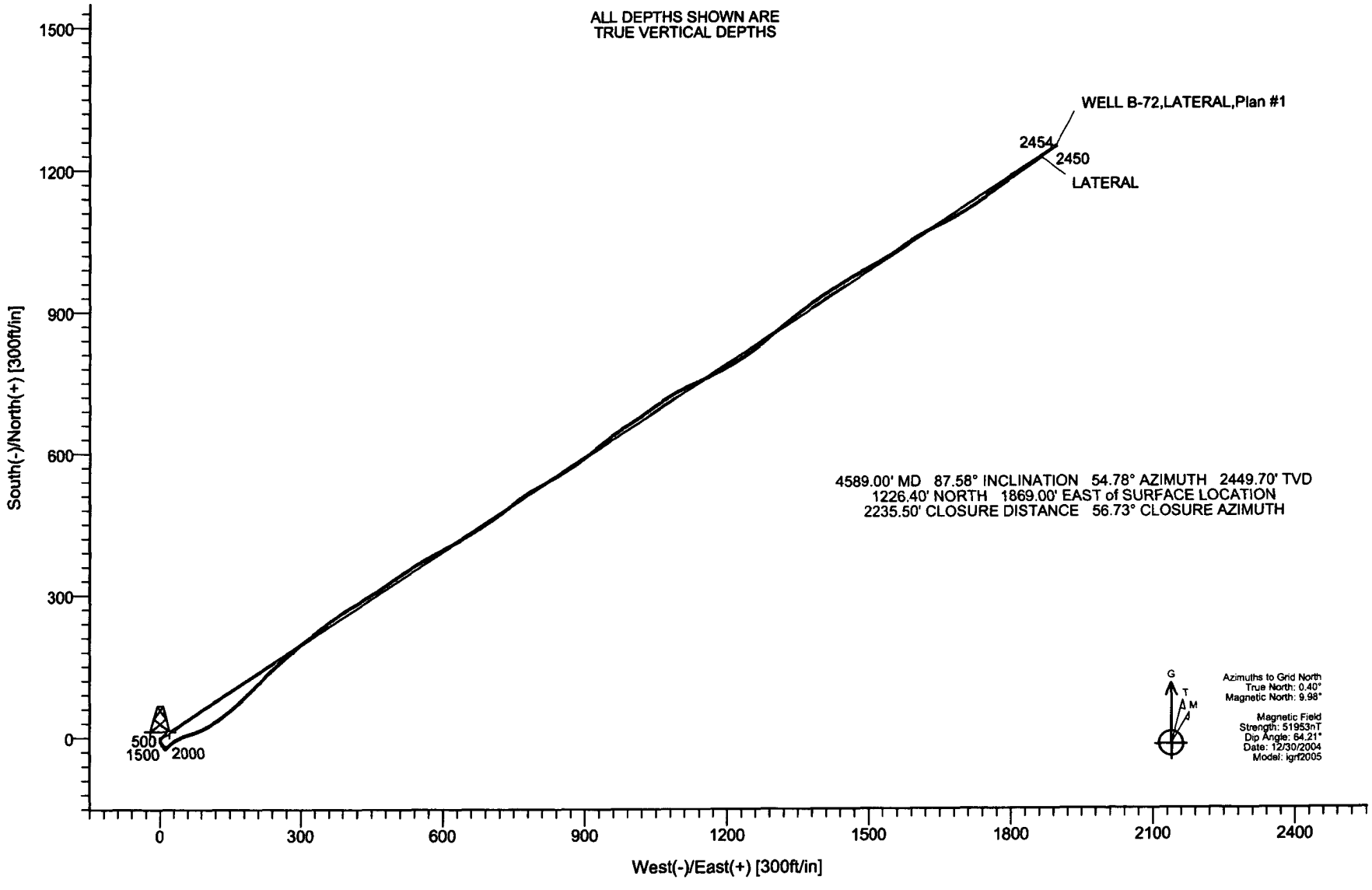
MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	ClsD ft	ClsA deg	Tool
3991.0	86.56	53.13	2438.8	905.8	1365.4	1638.5	11.57	1638.5	56.44	SDI E-FIELD
4022.0	87.37	56.07	2440.4	923.7	1390.6	1669.5	9.82	1669.5	56.41	SDI E-FIELD
4054.0	90.67	56.92	2440.9	941.4	1417.3	1701.4	10.65	1701.5	56.41	SDI E-FIELD
4084.0	92.09	57.71	2440.2	957.6	1442.6	1731.4	5.42	1731.5	56.42	SDI E-FIELD
4115.0	89.45	59.05	2439.8	973.8	1469.0	1762.4	9.55	1762.4	56.46	SDI E-FIELD
4146.0	88.75	62.32	2440.3	989.0	1496.0	1793.3	10.79	1793.3	56.53	SDI E-FIELD
4178.0	87.54	59.58	2441.3	1004.5	1523.9	1825.2	9.36	1825.2	56.61	SDI E-FIELD
4209.0	87.24	56.55	2442.7	1020.9	1550.2	1856.2	9.81	1856.2	56.63	SDI E-FIELD
4240.0	88.72	55.23	2443.8	1038.3	1575.9	1887.2	6.40	1887.2	56.62	SDI E-FIELD
4272.0	90.67	58.79	2444.0	1055.7	1602.7	1919.1	12.68	1919.1	56.63	SDI E-FIELD
4304.0	89.93	61.72	2443.8	1071.6	1630.5	1951.1	9.44	1951.1	56.69	SDI E-FIELD
4335.0	89.09	63.81	2444.1	1085.8	1658.0	1981.9	7.27	1981.9	56.78	SDI E-FIELD
4365.0	89.76	61.06	2444.4	1099.6	1684.6	2011.8	9.43	2011.8	56.87	SDI E-FIELD
4397.0	90.40	57.99	2444.4	1115.9	1712.2	2043.7	9.80	2043.7	56.91	SDI E-FIELD
4428.0	90.07	54.84	2444.2	1133.0	1738.0	2074.7	10.22	2074.7	56.90	SDI E-FIELD
4460.0	89.26	53.39	2444.4	1151.8	1764.0	2106.7	5.19	2106.7	56.86	SDI E-FIELD
4491.0	87.11	54.47	2445.4	1170.0	1789.0	2137.6	7.76	2137.6	56.82	SDI E-FIELD
4523.0	87.51	55.09	2446.9	1188.4	1815.1	2169.6	2.30	2169.6	56.79	SDI E-FIELD
4555.0	87.58	54.78	2448.3	1206.8	1841.3	2201.5	0.99	2201.5	56.76	SDI E-FIELD
4589.0	87.58	54.78	2449.7	1226.4	1869.0	2235.5	0.00	2235.5	56.73	Projected Depth

EL PASO PRODUCTION

Scientific Drilling

RATON WELL B-72
LATERAL
VERMEJO FIELD, NEW MEXICO

elpaso Production



WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
WELL B-72	0.0	0.0	2093406.6102	303153.1561	36°45'04.700N	105°00'18.900W	N/A

March 9, 2005
Scientific Drilling
281.443.4600

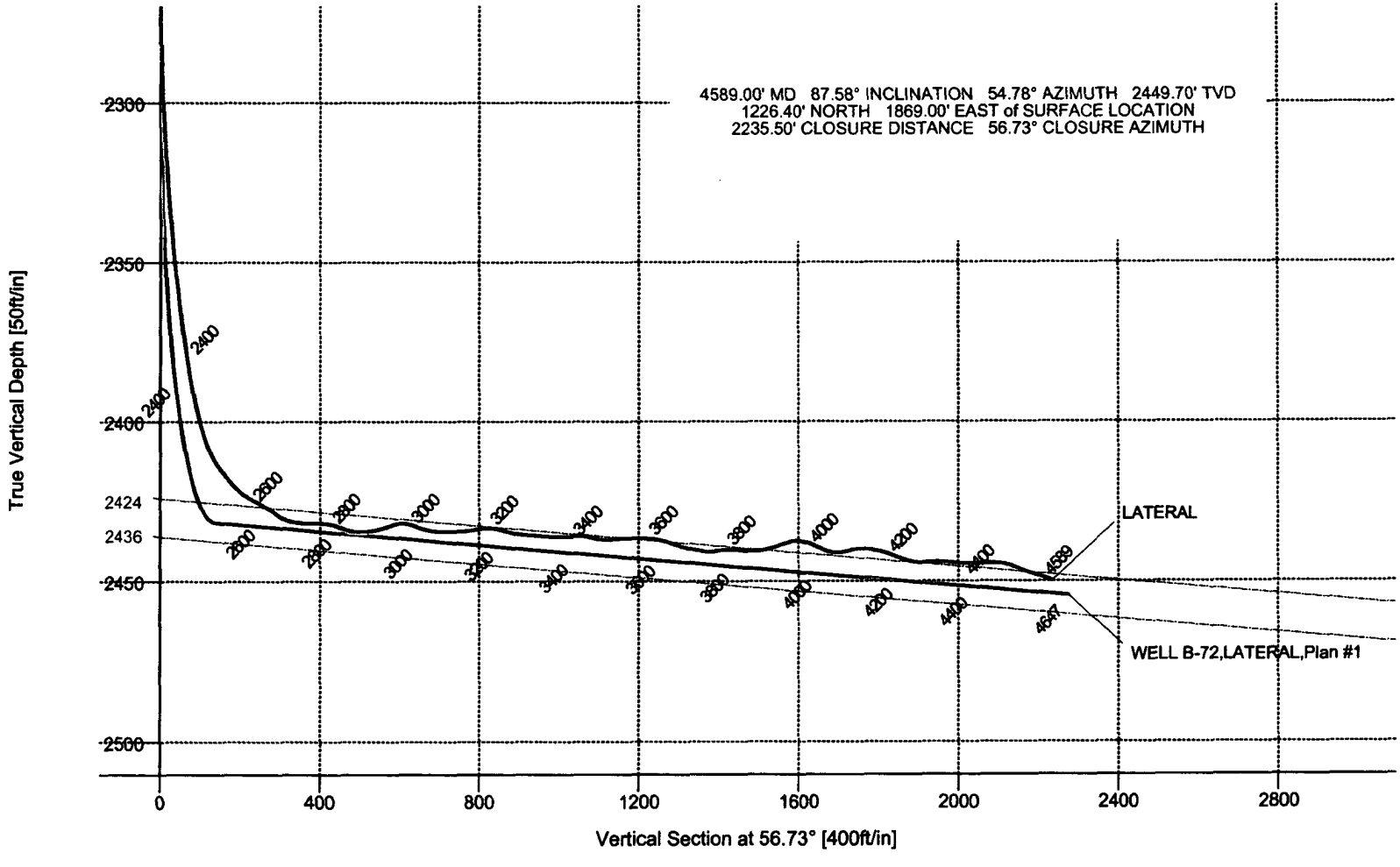
EL PASO PRODUCTION

Scientific Drilling

RATON WELL B-72
LATERAL
VERMEJO FIELD, NEW MEXICO

elpaso Production

ALL DEPTHS SHOWN ARE
MEASURED DEPTHS



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Scientific Drilling
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