

Submit 3 Copies to Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1501 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

Form C-103
May 27, 2004

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

2007 APR 25 PM 12 28

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. 30-007-20268
1. Type of Well: Oil Well ☐ Gas Well ☒ Other COALBED METHANE		5. Indicate Type of Lease STATE ☐ FEE ☒
2. Name of Operator EL PASO ENERGY RATON, L.L.C.		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 N : 519 feet from the South line and 1943 feet from the West line Section 26 Township 31N Range 17E NMPM Colfax County Bottom Hole Location: Unit O, Sec 26, T31N, R17E, 539 FSL, 1347 FEL, Colfax County		8. Well Number 50
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 8,327' (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.

02/23/2007 MIRU Eagle Rig 33. LD rods, tubing, and pump.
Set whipstock on bridge plug at 1213'. Top of whipstock at 1202'.
Whipstock orientation at 80.5°. Cut 4 3/4" window from 1202' - 1207'.
03/06/2007 MIRU Turner Rig. Drill 4 3/4" horizontal lateral to 3385' MD.
To 03/14/2007 (See attachment for surveys.)
03/14/2007 Circulate and clean hole. Run 3 1/2" perforated liner. Top of liner at 1215'. Bottom of liner at 3363'.
03/15/2007 POOH with whip stock. LDDP.
Circulated and cleaned well bore with air/foam. Clean to PBDT at 1734'.
03/24/2007 TIH with 2 7/8" production tubing set at 1558'. TIH with insert pump and 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 Shirley A. Mitchell TITLE Regulatory Analyst DATE 04/23/2007
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 4-30-07
Conditions of Approval (if any):



Scientific Drilling Houston

Final Survey Report

eipaso Production

Company: EL PASO PRODUCTION Date: 3/22/2007 Time: 09:25:40 Page: 1
Field: VERMEJO FIELD, NEW MEXICO Co-ordinate(NE) Reference: Well: WELL D-50, Grid North
Site: RATON (D50) Vertical (TVD) Reference: SITE 8327.0
Well: WELL D-50 Section (VS) Reference: Well (0.00N,0.00E,90.15Azi)
Wellpath: LATERAL Survey Calculation Method: Minimum Curvature Db: Sybase

Field: VERMEJO FIELD, NEW MEXICO

Map System: US State Plane Coordinate System 1983

Geo Datum: GRS 1980

Sys Datum: Mean Sea Level

Map Zone:

New Mexico, Eastern Zone

Coordinate System:

Well Centre

Geomagnetic Model:

igrf2005

Site: RATON (D50)

Site Position: Northing: 2143053.88 ft Latitude: 36 53 12.696 N
From: Geographic Easting: 314299.99 ft Longitude: 105 6 34.884 W
Position Uncertainty: 0.0 ft North Reference: Grid
Ground Level: 8327.0 ft Grid Convergence: -0.47 deg

Well: WELL D-50

Slot Name:

Well Position: +N/-S 0.0 ft Northing: 2143053.88 ft Latitude: 36 53 12.696 N
+E/-W 0.0 ft Easting: 314299.99 ft Longitude: 105 6 34.884 W
Position Uncertainty: 0.0 ft

Wellpath: LATERAL

Drilled From: Surface

Current Datum: SITE Height 8327.0 ft Tie-on Depth: 0.0 ft
Magnetic Data: 2/22/2007 Above System Datum: Mean Sea Level
Field Strength: 51666 nT Declination: 9.24 deg
Vertical Section: Depth From (TVD) +N/-S +E/-W Mag Dip Angle: 64.20 deg
ft ft ft Direction bearing

0.0 0.0 0.0 90.15

Survey

MD ft	Incl deg	Azim bearing	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	ClsD ft	ClsA bearing	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	2.11	203.60	100.0	-1.7	-0.7	-0.7	2.11	1.8	203.60	SDI Keeper
200.0	3.22	196.87	199.9	-6.1	-2.3	-2.3	1.15	6.5	200.69	SDI Keeper
300.0	3.76	191.05	299.7	-12.0	-3.7	-3.7	0.65	12.5	197.32	SDI Keeper
400.0	3.80	191.04	399.5	-18.4	-5.0	-4.9	0.04	19.1	195.16	SDI Keeper
500.0	2.72	201.71	499.3	-23.9	-6.5	-6.4	1.23	24.8	195.24	SDI Keeper
600.0	1.99	215.40	599.2	-27.5	-8.4	-8.3	0.92	28.8	196.96	SDI Keeper
700.0	1.70	226.15	699.2	-30.0	-10.5	-10.4	0.45	31.7	199.26	SDI Keeper
800.0	1.29	218.19	799.1	-31.9	-12.2	-12.1	0.46	34.1	201.00	SDI Keeper
900.0	0.93	224.78	899.1	-33.3	-13.5	-13.4	0.38	36.0	202.05	SDI Keeper
1000.0	0.60	220.82	999.1	-34.3	-14.4	-14.3	0.33	37.2	202.79	SDI Keeper
1100.0	0.51	235.48	1099.1	-35.0	-15.1	-15.0	0.17	38.1	203.40	SDI Keeper
1135.3	0.53	248.03	1134.4	-35.1	-15.4	-15.3	0.33	38.3	203.69	SDI Keeper
1274.0	12.76	102.10	1272.0	-38.6	-1.0	-0.9	9.52	38.6	181.42	SDI E-FIELD
1306.0	16.99	102.83	1302.9	-40.3	7.1	7.2	13.23	41.0	170.07	SDI E-FIELD
1338.0	22.15	102.21	1333.1	-42.7	17.5	17.6	16.14	46.1	157.67	SDI E-FIELD
1367.0	25.51	101.99	1359.6	-45.1	29.0	29.1	11.59	53.6	147.29	SDI E-FIELD
1399.0	31.61	100.61	1387.7	-48.1	44.0	44.1	19.17	65.2	137.56	SDI E-FIELD
1430.0	38.06	99.65	1413.1	-51.2	61.4	61.5	20.88	79.9	129.82	SDI E-FIELD
1462.0	45.37	98.09	1437.0	-54.5	82.4	82.6	23.07	98.8	123.45	SDI E-FIELD
1493.0	56.46	98.69	1456.5	-58.0	106.2	106.3	35.81	121.0	118.63	SDI E-FIELD
1525.0	69.51	95.54	1471.0	-61.5	134.4	134.6	41.71	147.8	114.57	SDI E-FIELD
1557.0	77.73	86.76	1480.0	-62.0	165.1	165.2	36.76	176.3	110.59	SDI E-FIELD
1588.0	77.53	79.80	1486.7	-58.5	195.1	195.3	21.94	203.7	106.68	SDI E-FIELD
1620.0	77.14	72.71	1493.7	-51.1	225.4	225.5	21.65	231.1	102.76	SDI E-FIELD
1651.0	82.05	71.55	1499.3	-41.7	254.4	254.5	16.26	257.8	99.31	SDI E-FIELD
1683.0	88.36	71.21	1502.0	-31.5	284.6	284.7	19.75	286.4	96.32	SDI E-FIELD
1714.0	90.17	75.36	1502.4	-22.6	314.3	314.4	14.60	315.1	94.12	SDI E-FIELD



Scientific Drilling Houston

Final Survey Report

el paso Production

Company: EL PASO PRODUCTION
Field: VERMEJO FIELD, NEW MEXICO
Site: RATON (D50)
Well: WELL D-50
Wellpath: LATERAL

Date: 3/22/2007 Time: 09:25:40 Page: 2
Co-ordinate(NE) Reference: Well: WELL D-50, Grid North
Vertical (TVD) Reference: SITE 8327.0
Section (VS) Reference: Well (0.00N,0.00E,90.15Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey

MD ft	Incl deg	Azim bearing	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	ClbD ft	ClbA bearing	Tool
1745.0	88.56	80.00	1502.7	-16.0	344.6	344.6	15.84	345.0	92.66	SDI E-FIELD
1777.0	85.19	84.87	1504.5	-11.8	376.2	376.3	18.49	376.4	91.80	SDI E-FIELD
1808.0	84.28	88.40	1507.3	-10.0	407.1	407.1	11.71	407.2	91.41	SDI E-FIELD
1840.0	89.06	89.35	1509.2	-9.4	439.0	439.0	15.23	439.1	91.22	SDI E-FIELD
1871.0	91.18	89.55	1509.1	-9.1	470.0	470.0	6.87	470.1	91.10	SDI E-FIELD
1903.0	90.81	89.71	1508.5	-8.9	502.0	502.0	1.26	502.1	91.01	SDI E-FIELD
1934.0	90.67	89.61	1508.1	-8.7	533.0	533.0	0.55	533.0	90.93	SDI E-FIELD
1965.0	91.78	89.72	1507.5	-8.5	564.0	564.0	3.60	564.0	90.86	SDI E-FIELD
1997.0	92.02	89.05	1506.4	-8.1	595.9	596.0	2.22	596.0	90.78	SDI E-FIELD
2029.0	91.38	87.62	1505.5	-7.2	627.9	627.9	4.89	628.0	90.66	SDI E-FIELD
2060.0	88.32	87.56	1505.5	-5.9	658.9	658.9	9.87	658.9	90.51	SDI E-FIELD
2091.0	89.46	87.31	1506.1	-4.5	689.8	689.9	3.76	689.9	90.38	SDI E-FIELD
2122.0	89.16	86.62	1506.5	-2.9	720.8	720.8	2.43	720.8	90.23	SDI E-FIELD
2154.0	90.60	87.18	1506.6	-1.2	752.8	752.8	4.83	752.8	90.09	SDI E-FIELD
2185.0	91.01	88.60	1506.2	0.0	783.7	783.7	4.77	783.7	90.00	SDI E-FIELD
2216.0	91.07	88.54	1505.6	0.8	814.7	814.7	0.27	814.7	89.95	SDI E-FIELD
2248.0	91.98	88.95	1504.7	1.5	846.7	846.7	3.12	846.7	89.90	SDI E-FIELD
2279.0	92.76	88.71	1503.5	2.1	877.7	877.7	2.63	877.7	89.86	SDI E-FIELD
2310.0	91.48	88.72	1502.3	2.8	908.6	908.6	4.13	908.6	89.82	SDI E-FIELD
2341.0	90.13	89.27	1501.9	3.3	939.6	939.6	4.70	939.6	89.80	SDI E-FIELD
2373.0	88.42	90.18	1502.3	3.5	971.6	971.6	6.05	971.6	89.79	SDI E-FIELD
2404.0	89.03	90.18	1503.0	3.4	1002.6	1002.6	1.97	1002.6	89.81	SDI E-FIELD
2435.0	91.07	90.15	1502.9	3.3	1033.6	1033.6	6.58	1033.6	89.82	SDI E-FIELD
2467.0	91.91	89.79	1502.1	3.3	1065.6	1065.6	2.86	1065.6	89.82	SDI E-FIELD
2498.0	91.31	88.74	1501.2	3.7	1096.6	1096.6	3.90	1096.6	89.81	SDI E-FIELD
2528.0	88.42	88.84	1501.3	4.3	1126.6	1126.6	9.64	1126.6	89.78	SDI E-FIELD
2559.0	89.06	89.09	1502.0	4.9	1157.6	1157.5	2.22	1157.6	89.76	SDI E-FIELD
2591.0	88.29	90.13	1502.7	5.1	1189.5	1189.5	4.04	1189.6	89.75	SDI E-FIELD
2623.0	89.56	91.05	1503.3	4.8	1221.5	1221.5	4.90	1221.6	89.78	SDI E-FIELD
2654.0	91.18	91.05	1503.1	4.2	1252.5	1252.5	5.23	1252.5	89.81	SDI E-FIELD
2685.0	91.31	90.55	1502.5	3.8	1283.5	1283.5	1.67	1283.5	89.83	SDI E-FIELD
2717.0	91.31	90.16	1501.7	3.6	1315.5	1315.5	1.22	1315.5	89.84	SDI E-FIELD
2749.0	90.10	90.72	1501.3	3.3	1347.5	1347.5	4.17	1347.5	89.86	SDI E-FIELD
2780.0	90.40	89.93	1501.2	3.2	1378.5	1378.5	2.73	1378.5	89.87	SDI E-FIELD
2811.0	90.84	89.45	1500.9	3.3	1409.5	1409.5	2.10	1409.5	89.86	SDI E-FIELD
2842.0	90.30	89.67	1500.6	3.6	1440.5	1440.5	1.88	1440.5	89.86	SDI E-FIELD
2874.0	89.26	90.51	1500.7	3.5	1472.5	1472.5	4.18	1472.5	89.86	SDI E-FIELD
2905.0	89.30	90.38	1501.1	3.3	1503.5	1503.5	0.44	1503.5	89.87	SDI E-FIELD
2937.0	90.10	90.66	1501.2	3.0	1535.5	1535.5	2.65	1535.5	89.89	SDI E-FIELD
2968.0	90.07	91.00	1501.2	2.5	1566.5	1566.5	1.10	1566.5	89.91	SDI E-FIELD
2998.0	90.67	91.14	1501.0	2.0	1596.5	1596.5	2.05	1596.5	89.93	SDI E-FIELD
3030.0	91.48	90.86	1500.4	1.4	1628.5	1628.5	2.68	1628.5	89.95	SDI E-FIELD
3061.0	91.95	90.71	1499.5	1.0	1659.5	1659.5	1.59	1659.5	89.97	SDI E-FIELD
3093.0	89.73	90.52	1499.0	0.7	1691.5	1691.4	6.96	1691.5	89.98	SDI E-FIELD
3125.0	89.80	90.68	1499.1	0.3	1723.5	1723.4	0.55	1723.5	89.99	SDI E-FIELD
3156.0	89.53	90.46	1499.3	0.0	1754.4	1754.4	1.12	1754.4	90.00	SDI E-FIELD
3188.0	89.66	90.25	1499.5	-0.2	1786.4	1786.4	0.77	1786.4	90.01	SDI E-FIELD
3219.0	89.39	89.63	1499.8	-0.1	1817.4	1817.4	2.18	1817.4	90.00	SDI E-FIELD
3250.0	89.23	89.52	1500.2	0.1	1848.4	1848.4	0.63	1848.4	90.00	SDI E-FIELD
3281.0	89.03	89.06	1500.6	0.5	1879.4	1879.4	1.62	1879.4	89.99	SDI E-FIELD
3313.0	88.12	88.63	1501.4	1.1	1911.4	1911.4	3.15	1911.4	89.97	SDI E-FIELD
3344.0	87.81	88.88	1502.5	1.8	1942.4	1942.4	1.28	1942.4	89.95	SDI E-FIELD



Scientific Drilling Houston Final Survey Report

el paso Production

Company: EL PASO PRODUCTION	Date: 3/22/2007	Time: 09:25:40	Page: 3
Field: VERMEJO FIELD, NEW MEXICO	Co-ordinate(NE) Reference:	Well: WELL D-50, Grid North	
Site: RATON (D50)	Vertical (TVD) Reference:	SITE 8327.0	
Well: WELL D-50	Section (VS) Reference:	Well (0.00N,0.00E,90.15Azi)	
Wellpath: LATERAL	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey

MD ft	Incl deg	Azim bearing	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	ChD ft	ChA bearing	Tool
3385.0	87.81	88.88	1504.1	2.6	1983.4	1983.3	0.00	1983.4	89.93	PROJECTED DEPTH



Scientific Drilling

EL PASO PRODUCTION

RATON WELL D-50
VERMEJO FIELD, NEW MEXICO
LATERAL

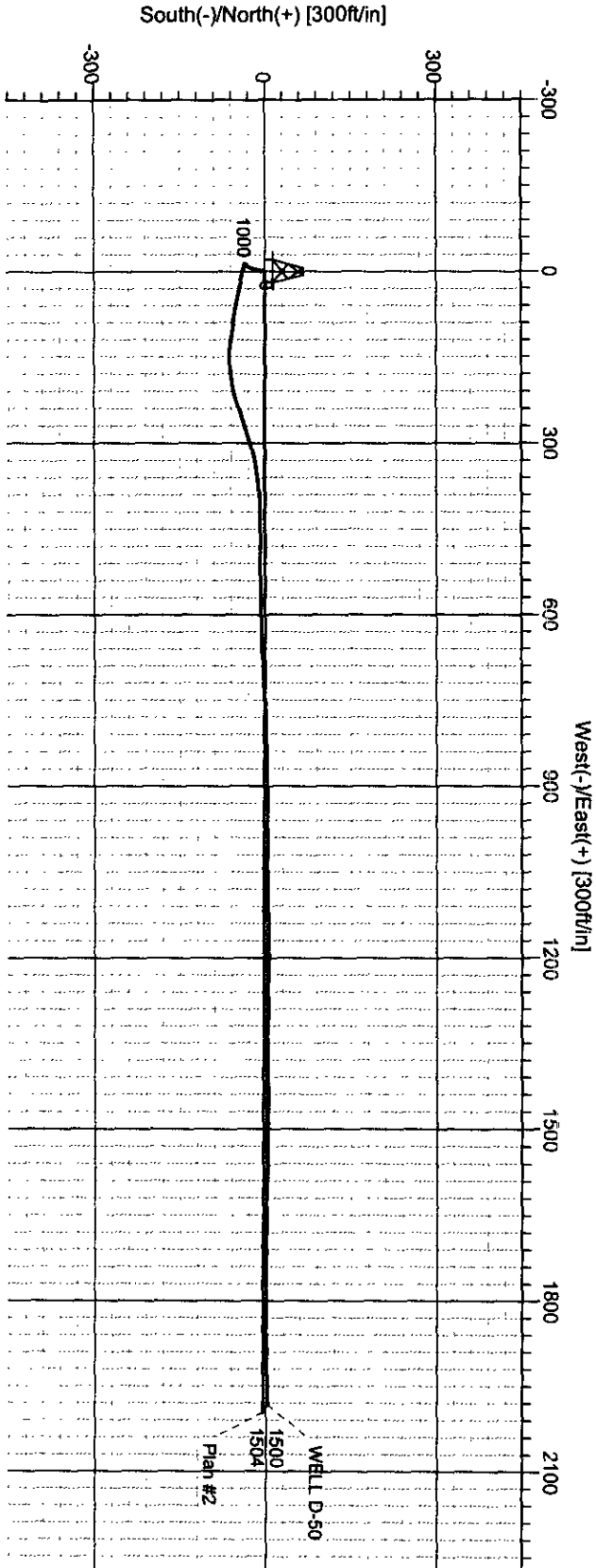


Production

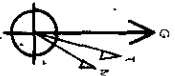
WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
WELL D-50	0.0	0.0	2143053.88	314299.99	36°53'12.696N	105°06'34.884W	N/A

ALL DEPTHS SHOWN ARE
TRUE VERTICAL DEPTHS



3385.00 MD 87.81° INCLINATION 88.88° AZIMUTH 1504.10' TVD
2.60' NORTH 1983.4' EAST of SURFACE LOCATION
1983.40' CLOSURE DISTANCE 89.93° CLOSURE AZIMUTH



Azimuths to Grid North
True North 0.47°
Magnetic North 9.70°
Magnetic Field
Strength: 516692
Dip Angle: 64.20°
Date: 2/22/2007
Model: qrt2005



Scientific Drilling

EL PASO PRODUCTION

RATON WELL D-50
VERMEJO FIELD, NEW MEXICO
LATERAL

el paso Production

ALL DEPTHS SHOWN ARE
MEASURED DEPTHS

3385.00' MD 87.81° INCLINATION 88.88° AZIMUTH 1504.10' TVD
2.60' NORTH 1983.4' EAST of SURFACE LOCATION
1983.40' CLOSURE DISTANCE 89.93° CLOSURE AZIMUTH

