

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

Form C-103
May 27, 2004

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

WELL API NO.

30-007-20402

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

VPR D

8. Well Number 114

9. OGRID Number 180514

10. Pool name or Wildcat

SUNDRY NOTICES AND REPORTS ON WELL
(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.)

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

2. Name of Operator

EL PASO E & P COMPANY, L.P.

3. Address of Operator

PO BOX 190, RATON, NM 87740

4. Well Location

Unit Letter **D** : **1188** feet from the **North** line and **1264** feet from the **West** line

Section **15** Township **30N** Range **17E** NMPM Colfax County

Bottom Hole Location: Unit A, Sec 16, T30N, R17E, 526 FNL, 413 FEL, Colfax County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

9,052' (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:

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.

04/25/2007 MIRU Rig. LD rods, tubing, and pump.

Set whipstock on bridge plug. Whipstock orientation at 51°.

Cut 4 3/4" window from 2351' - 2357'.

005/09/2007 MIRU Turner Rig. Drill 4 3/4" horizontal lateral to 4396' MD.

To 05/16/2007 (See attachment for surveys.)

05/16/2007 Circulate and clean hole. Run 3 1/2" perforated liner.

Top of liner at 2396'. Bottom of liner at 4393'.

05/17/2007 POOH with whip stock. LDDP.

Circulated and cleaned well bore with air/foam. Clean to PBTD at 2854'.

05/18/2007 TIH with 2 7/8" production tubing set at 2735'. TIH with insert pump and rods.

05/25/2007 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 NMOC guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Shirley Mitchell TITLE Regulatory Analyst DATE 06/07/2007

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 6/19/07
Conditions of Approval (if any):



Scientific Drilling Houston Final Survey Report

el paso Production

Company: EL PASO PRODUCTION	Date: 5/24/2007	Time: 15:30:51	Page: 1
Field: VERMEJO FIELD, NEW MEXICO	Co-ordinate(NE) Reference: Well: WELL D-114, Grid North		
Site: RATON (D114)	Vertical (TVD) Reference: SITE 0.0		
Well: WELL D-114	Section (VS) Reference: Well (0.00N,0.00E,293.10Azi)		
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: igr2005

Site: RATON (D114)

Site Position:	Northing: 2125558.52 ft	Latitude: 36 50 19.212 N
From: Geographic	Easting: 308196.49 ft	Longitude: 105 7 48.216 W
Position Uncertainty: 0.0 ft		North Reference: Grid
Ground Level: 0.0 ft		Grid Convergence: -0.48 deg

Well: WELL D-114

Slot Name:

Well Position: +N/-S 0.0 ft	Northing: 2125558.52 ft	Latitude: 36 50 19.212 N
+E/-W 0.0 ft	Easting: 308196.49 ft	Longitude: 105 7 48.216 W
Position Uncertainty: 0.0 ft		

Wellpath: LATERAL

Current Datum: SITE	Height 0.0 ft	Drilled From: Surface
Magnetic Data: 5/1/2007		Tie-on Depth: 0.0 ft
Field Strength: 51618 nT		Above System Datum: Mean Sea Level
Vertical Section: Depth From (TVD)		Declination: 9.22 deg
ft	+N/-S ft	Mag Dip Angle: 64.15 deg
		Direction bearing
0.0	0.0	0.0 293.10

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
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.0	0.00	TIE LINE
100.0	0.97	110.60	100.0	-0.3	0.8	-0.8	0.97	0.8	110.60	SDI GYRO
200.0	1.58	110.06	200.0	-1.1	2.9	-3.1	0.61	3.1	110.36	SDI GYRO
300.0	1.55	110.25	299.9	-2.0	5.4	-5.8	0.03	5.8	110.26	SDI GYRO
400.0	1.21	118.92	399.9	-3.0	7.6	-8.2	0.40	8.2	111.37	SDI GYRO
500.0	1.19	117.14	499.9	-4.0	9.5	-10.3	0.04	10.3	112.73	SDI GYRO
600.0	1.16	124.03	599.9	-5.0	11.2	-12.3	0.14	12.3	114.02	SDI GYRO
700.0	1.31	123.52	699.8	-6.2	13.0	-14.4	0.15	14.4	115.47	SDI GYRO
800.0	1.38	119.90	799.8	-7.4	15.0	-16.8	0.11	16.8	116.33	SDI GYRO
900.0	1.35	121.05	899.8	-8.6	17.1	-19.1	0.04	19.2	116.85	SDI GYRO
1000.0	1.39	120.84	999.8	-9.9	19.1	-21.5	0.04	21.5	117.30	SDI GYRO
1100.0	1.48	122.63	1099.7	-11.2	21.3	-24.0	0.10	24.0	117.76	SDI GYRO
1200.0	1.24	127.16	1199.7	-12.5	23.2	-26.3	0.26	26.4	118.39	SDI GYRO
1300.0	1.15	123.95	1299.7	-13.8	24.9	-28.3	0.11	28.5	118.91	SDI GYRO
1400.0	1.10	123.68	1399.7	-14.9	26.5	-30.2	0.05	30.4	119.23	SDI GYRO
1500.0	1.09	115.12	1499.6	-15.8	28.2	-32.1	0.16	32.3	119.24	SDI GYRO
1600.0	1.37	95.82	1599.6	-16.3	30.3	-34.2	0.50	34.4	118.34	SDI GYRO
1700.0	1.69	84.44	1699.6	-16.3	32.9	-36.7	0.44	36.7	116.34	SDI GYRO
1800.0	1.76	81.66	1799.5	-15.9	35.9	-39.3	0.11	39.3	113.93	SDI GYRO
1900.0	1.61	79.91	1899.5	-15.5	38.8	-41.8	0.16	41.8	111.72	SDI GYRO
2000.0	1.27	69.25	1999.5	-14.8	41.2	-43.7	0.43	43.8	109.77	SDI GYRO
2100.0	1.24	70.53	2099.4	-14.1	43.3	-45.3	0.04	45.5	108.01	SDI GYRO
2200.0	1.22	80.12	2199.4	-13.5	45.3	-47.0	0.21	47.3	106.61	SDI GYRO
2300.0	1.50	83.85	2299.4	-13.2	47.7	-49.1	0.29	49.5	105.47	SDI GYRO
2316.8	1.23	77.15	2316.2	-13.1	48.1	-49.4	1.86	49.9	105.28	SDI GYRO
2362.0	1.30	78.00	2361.4	-12.9	49.1	-50.2	0.16	50.7	104.75	SDI E-FIELD
2443.0	16.28	311.67	2441.3	-5.1	41.4	-40.1	21.09	41.7	97.05	SDI E-FIELD
2474.0	22.45	313.62	2470.6	1.9	33.9	-30.4	20.01	33.9	86.87	SDI E-FIELD



Scientific Drilling Houston

Final Survey Report

el paso Production

Company: EL PASO PRODUCTION
Field: VERMEJO FIELD, NEW MEXICO
Site: RATON (D114)
Well: WELL D-114
Wellpath: LATERAL

Date: 5/24/2007
Co-ordinate(NE) Reference: Well: WELL D-114, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,293.10Azi)
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
2506.0	28.72	313.00	2499.4	11.3	23.8	-17.5	19.61	26.4	64.59	SDI E-FIELD
2537.0	33.17	304.60	2526.0	21.2	11.4	-2.2	19.98	24.1	28.22	SDI E-FIELD
2568.0	38.33	299.37	2551.2	30.8	-4.0	15.7	19.33	31.0	352.63	SDI E-FIELD
2600.0	44.33	294.68	2575.2	40.3	-22.8	36.8	21.09	46.3	330.50	SDI E-FIELD
2631.0	50.99	290.78	2596.0	49.1	-43.9	59.7	23.40	65.9	318.19	SDI E-FIELD
2662.0	57.19	286.91	2614.2	57.2	-67.7	84.7	22.40	88.6	310.19	SDI E-FIELD
2694.0	63.06	285.65	2630.2	65.0	-94.3	112.2	18.66	114.5	304.56	SDI E-FIELD
2726.0	67.94	286.06	2643.4	72.9	-122.3	141.1	15.29	142.4	300.80	SDI E-FIELD
2757.0	69.52	285.95	2654.7	80.9	-150.1	169.8	5.11	170.5	298.32	SDI E-FIELD
2788.0	72.12	285.87	2664.9	88.9	-178.2	198.8	8.39	199.2	296.51	SDI E-FIELD
2820.0	77.61	286.46	2673.2	97.5	-207.9	229.5	17.25	229.6	295.13	SDI E-FIELD
2852.0	84.12	287.11	2678.3	106.6	-238.1	260.9	20.44	260.9	294.12	SDI E-FIELD
2884.0	88.69	288.23	2680.3	116.3	-268.6	292.7	14.70	292.7	293.42	SDI E-FIELD
2915.0	86.91	288.16	2681.5	126.0	-298.0	323.5	5.75	323.5	292.92	SDI E-FIELD
2946.0	84.73	287.16	2683.7	135.4	-327.4	354.3	7.73	354.3	292.46	SDI E-FIELD
2977.0	86.81	290.32	2686.0	145.3	-356.7	385.1	12.18	385.2	292.16	SDI E-FIELD
3004.0	90.71	292.12	2686.6	155.1	-381.9	412.1	15.91	412.1	292.10	SDI E-FIELD
3036.0	90.91	294.28	2686.2	167.7	-411.3	444.1	6.78	444.1	292.18	SDI E-FIELD
3067.0	89.80	294.52	2686.0	180.5	-439.5	475.1	3.66	475.1	292.32	SDI E-FIELD
3099.0	92.18	294.58	2685.4	193.8	-468.6	507.1	7.44	507.1	292.47	SDI E-FIELD
3130.0	91.54	294.81	2684.4	206.7	-496.8	538.0	2.19	538.0	292.59	SDI E-FIELD
3162.0	90.84	294.17	2683.7	220.0	-525.9	570.0	2.96	570.0	292.70	SDI E-FIELD
3193.0	91.17	292.53	2683.2	232.3	-554.3	601.0	5.40	601.0	292.73	SDI E-FIELD
3225.0	91.34	292.71	2682.5	244.6	-583.9	633.0	0.77	633.0	292.73	SDI E-FIELD
3256.0	89.93	293.91	2682.2	256.8	-612.3	664.0	5.97	664.0	292.75	SDI E-FIELD
3287.0	89.80	294.90	2682.2	269.6	-640.6	695.0	3.22	695.0	292.83	SDI E-FIELD
3318.0	89.26	295.11	2682.5	282.7	-668.6	726.0	1.87	726.0	292.92	SDI E-FIELD
3350.0	91.58	295.25	2682.2	296.4	-697.6	757.9	7.26	757.9	293.02	SDI E-FIELD
3381.0	89.09	292.93	2682.1	309.0	-725.9	788.9	10.98	788.9	293.06	SDI E-FIELD
3411.0	91.81	295.44	2681.8	321.3	-753.3	818.9	12.34	818.9	293.10	SDI E-FIELD
3443.0	94.03	295.25	2680.2	335.0	-782.1	850.9	6.96	850.9	293.18	SDI E-FIELD
3474.0	93.15	294.47	2678.3	348.0	-810.2	881.8	3.79	881.8	293.24	SDI E-FIELD
3506.0	91.48	294.16	2677.0	361.1	-839.3	913.7	5.31	913.7	293.28	SDI E-FIELD
3538.0	90.64	293.18	2676.4	374.0	-868.6	945.7	4.03	945.7	293.29	SDI E-FIELD
3569.0	92.21	292.68	2675.6	386.1	-897.2	976.7	5.31	976.7	293.28	SDI E-FIELD
3601.0	91.68	292.40	2674.5	398.3	-926.7	1008.7	1.87	1008.7	293.26	SDI E-FIELD
3633.0	91.04	291.83	2673.8	410.4	-956.4	1040.7	2.68	1040.7	293.22	SDI E-FIELD
3665.0	89.93	290.09	2673.5	421.8	-986.2	1072.7	6.45	1072.7	293.16	SDI E-FIELD
3696.0	89.09	289.26	2673.8	432.2	-1015.4	1103.6	3.81	1103.6	293.06	SDI E-FIELD
3727.0	90.34	289.69	2673.9	442.6	-1044.7	1134.5	4.26	1134.5	292.96	SDI E-FIELD
3758.0	91.17	290.54	2673.5	453.2	-1073.8	1165.5	3.83	1165.5	292.88	SDI E-FIELD
3790.0	91.31	291.24	2672.8	464.7	-1103.7	1197.5	2.23	1197.5	292.83	SDI E-FIELD
3820.0	91.54	291.96	2672.1	475.7	-1131.5	1227.4	2.52	1227.5	292.80	SDI E-FIELD
3851.0	91.64	293.50	2671.2	487.7	-1160.1	1258.4	4.98	1258.4	292.80	SDI E-FIELD
3915.0	90.70	291.34	2669.9	512.1	-1219.3	1322.4	3.68	1322.4	292.78	SDI E-FIELD
3946.0	91.01	289.13	2669.4	522.8	-1248.3	1353.4	7.20	1353.4	292.72	SDI E-FIELD
3977.0	91.65	289.10	2668.7	532.9	-1277.6	1384.3	2.07	1384.3	292.64	SDI E-FIELD
4009.0	91.01	288.50	2668.0	543.2	-1307.9	1416.2	2.74	1416.2	292.56	SDI E-FIELD
4040.0	91.27	290.28	2667.4	553.5	-1337.1	1447.1	5.80	1447.2	292.49	SDI E-FIELD
4072.0	92.69	290.56	2666.2	564.7	-1367.1	1479.1	4.52	1479.2	292.44	SDI E-FIELD
4103.0	92.79	290.87	2664.8	575.6	-1396.1	1510.0	1.05	1510.1	292.41	SDI E-FIELD
4135.0	91.44	290.19	2663.6	586.9	-1426.0	1541.9	4.72	1542.1	292.37	SDI E-FIELD



Scientific Drilling Houston

Final Survey Report



Company: EL PASO PRODUCTION
Field: VERMEJO FIELD, NEW MEXICO
Site: RATON (D114)
Well: WELL D-114
Wellpath: LATERAL

Date: 5/24/2007 Time: 15:30:51 Page: 3
Co-ordinate(NE) Reference: Well: WELL D-114, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,293.10Azi)
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	ClsD ft	ClsA bearing	Tool
4167.0	92.25	289.90	2662.6	597.8	-1456.1	1573.9	2.69	1574.0	292.32	SDI E-FIELD
4198.0	92.79	290.57	2661.2	608.5	-1485.1	1604.8	2.77	1605.0	292.28	SDI E-FIELD
4230.0	92.52	290.69	2659.7	619.8	-1515.0	1636.7	0.92	1636.9	292.25	SDI E-FIELD
4261.0	91.61	290.69	2658.6	630.7	-1544.0	1667.7	2.94	1667.9	292.22	SDI E-FIELD
4293.0	92.59	290.03	2657.4	641.9	-1574.0	1699.6	3.69	1699.9	292.19	SDI E-FIELD
4325.0	93.69	289.16	2655.7	652.6	-1604.1	1731.5	4.38	1731.8	292.14	SDI E-FIELD
4356.0	93.22	288.83	2653.8	662.7	-1633.4	1762.4	1.85	1762.7	292.08	SDI E-FIELD
4396.0	93.22	288.83	2651.6	675.5	-1671.2	1802.2	0.00	1802.5	292.01	PROJECTED DEPTH



Scientific Drilling

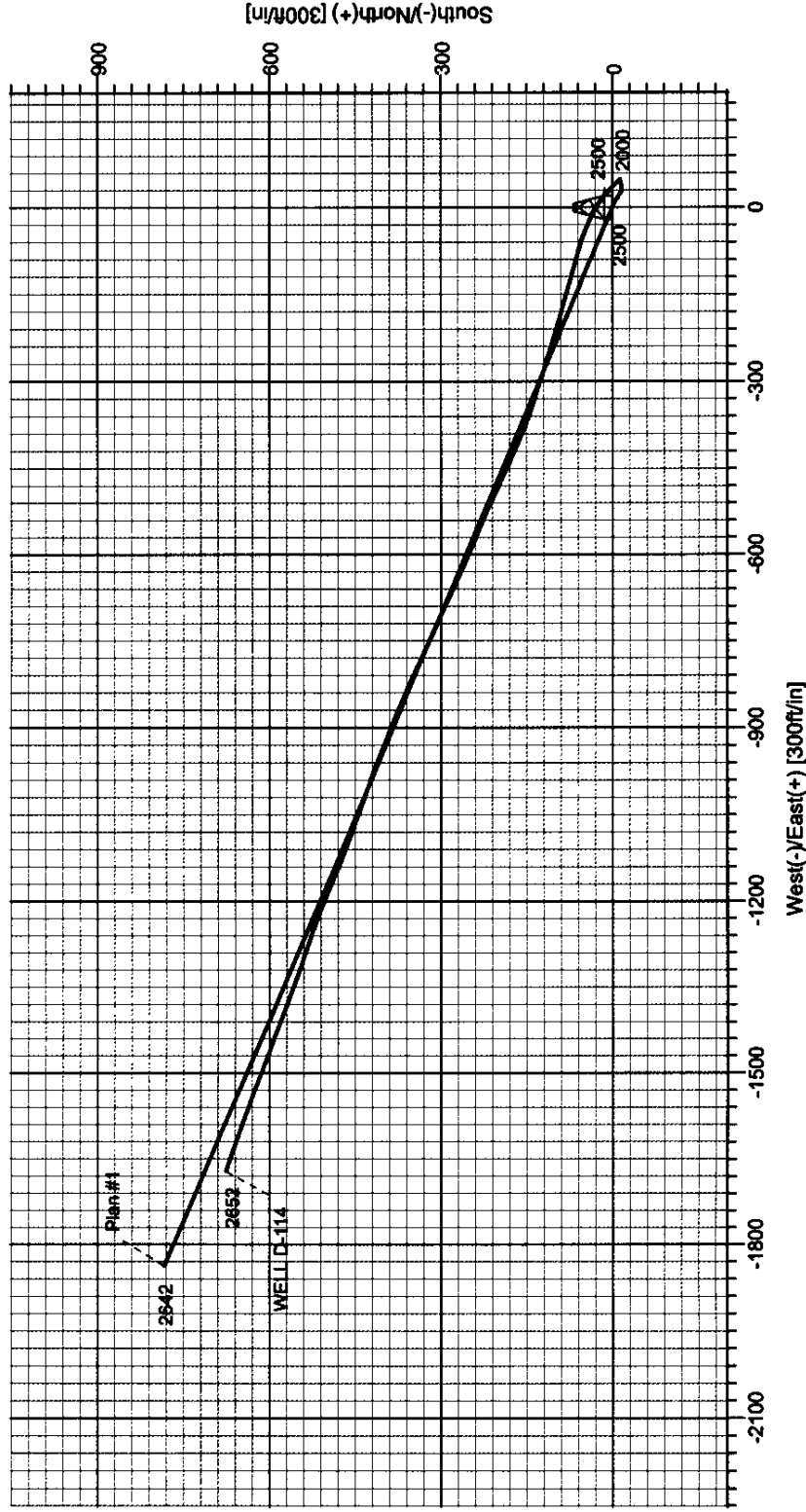
EL PASO PRODUCTION

RATON WELL D-114
VERMEJO FIELD, NEW MEXICO

el paso Production

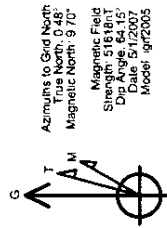
ALL DEPTHS SHOWN ARE
TRUE VERTICAL DEPTHS

4396.00' MD 93.22° INCLINATION 288.83° AZIMUTH 2651.60' TVD
675.50' NORTH 1671.20' WEST of SURFACE LOCATION
1802.50' CLOSURE DISTANCE 292.01° CLOSURE AZIMUTH



WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
WELL D-114	0.0	0.0	2125558.52	308196.49	36°50'19.212N	105°07'48.216W	N/A



May 24, 2007
Scientific Drilling
281.443 4600

EL PASO PRODUCTION

RATON WELL D-114
VERMEJO FIELD, NEW MEXICO



ALL DEPTHS SHOWN ARE
MEASURED DEPTHS

4396.00' MD 93.22° INCLINATION 288.83° AZIMUTH 2651.60' TVD
675.50' NORTH 1671.20' WEST of SURFACE LOCATION
1802.50' CLOSURE DISTANCE 292.01° CLOSURE AZIMUTH

