

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 Dr.
Santa Fe, NM 87505

2006 FEB 28 PM 12 45

WELL API NO. 30-007-20145 ✓
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 12 ✓
9. OGRID Number 180514
10. Pool name or Wildcat

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.)

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 **O** : **885** feet from the **South** line and **1852** feet from the **East** line
Section **5** Township **30N** Range **18E** NMPM Colfax County

Bottom Hole Location: Unit I, Sec 5, T 30N, R 18E, 2590' FSL, 50' FEL, Colfax County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
8,334' (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.

12/29/05 MIRU Key Rig. LD rods, tubing, and pump.
01/02/06 Set whipstock at 1412' at 46.4 ° azimuth. Start milling window from 1412'- 1418'.
01/03/06 MIRU CAZA Rig. Drill (1st) 4 ¾" horizontal lateral to 2489' TMD, 1501.5' TVD.
To 01/14/06 Attempt to circulate and clean hole.
01/15/06 Ream 4 ¾" lateral with 8 ½" hole opener from 1630' - 2140'. Stuck pipe with reamers at 2087'.
01/18/06 Discuss plan and wait on casing swedge.
01/19/06 TIH with 4 ¼" swedge. Tag fish at 1317'.
01/26/06 Set (2nd) whip stock at 1366'. Cut (2nd) window at 1366'- 1372'.
Drill (2nd) 4 ¾" horizontal lateral to 2190' TVD, 1522' TVD. (See attached Final Survey Reports.)
02/07/06 LD whip stock Clean out with Air Unit.
02/10/06 TIH with 2 7/8" production tubing, insert pump and ¾" rods.
02/11/06 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 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 DISTRICT SUPERVISOR DATE 3/3/06
Conditions of Approval (if any):



Scientific Drilling Houston

Final Survey Report



Company: EL PASO PRODUCTION	Date: 1/30/2006	Time: 10:37:11	Page: 1
Field: VERMEJO FIELD, NEW MEXICO	Co-ordinate(NE) Reference: Well: WELL D-12, Grid North		
Site: RATON (D12)	Vertical (TVD) Reference: SITE 0.0		
Well: WELL D-12	Section (VS) Reference: Well (0.00N,0.00E,315.00Azi)		
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: igr2005	

Site: RATON (D12)			
Site Position:	Northing:	ft	Latitude:
From: Lease Line	Easting:	ft	Longitude:
Position Uncertainty: 0.0 ft			North Reference: Grid
Ground Level: 6778.0 ft			Grid Convergence: -0.43 deg

Well: WELL D-12		Slot Name:	
Well Position:	+N/-S 0.0 ft	Northing: 2132647.34 ft	Latitude: 36 51 31.798 N
	+E/-W 0.0 ft	Easting: 290335.90 ft	Longitude: 105 3 0.004 W
Position Uncertainty: 0.0 ft			

Wellpath: ST00BP01	Drilled From: Surface
Current Datum: SITE	Tie-on Depth: 0.0 ft
Magnetic Data: 1/9/2006	Above System Datum: Mean Sea Level
Field Strength: 51770 nT	Declination: 9.35 deg
Vertical Section: Depth From (TVD)	Mag Dip Angle: 64.22 deg
	+N/-S ft
	+E/-W ft
	Direction deg
0.0	0.0 0.0 315.00

Survey										
MD	Incl	Azim	TVD	N/S	E/W	VS	DLS	ClsD	ClsA	Tool
ft	deg	deg	ft	ft	ft	ft	deg/100ft	ft	deg	
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.0	0.00	TIE LINE
100.0	0.16	357.92	100.0	0.1	0.0	0.1	0.16	0.1	357.92	SDI Keeper
200.0	0.27	52.05	200.0	0.4	0.2	0.2	0.22	0.5	22.51	SDI Keeper
300.0	0.70	102.37	300.0	0.4	1.0	-0.4	0.57	1.1	65.43	SDI Keeper
400.0	0.88	94.41	400.0	0.2	2.3	-1.5	0.21	2.3	83.90	SDI Keeper
500.0	0.95	83.37	500.0	0.3	3.9	-2.6	0.19	3.9	85.83	SDI Keeper
600.0	0.89	78.59	600.0	0.5	5.5	-3.5	0.10	5.5	84.45	SDI Keeper
700.0	0.94	73.75	699.9	0.9	7.0	-4.3	0.09	7.1	82.58	SDI Keeper
800.0	0.89	72.94	799.9	1.4	8.6	-5.1	0.05	8.7	80.89	SDI Keeper
900.0	0.80	69.46	899.9	1.8	10.0	-5.7	0.10	10.1	79.50	SDI Keeper
1000.0	0.74	71.27	999.9	2.3	11.2	-6.3	0.06	11.5	78.43	SDI Keeper
1100.0	0.98	61.75	1099.9	2.9	12.6	-6.9	0.28	12.9	76.99	SDI Keeper
1200.0	1.21	56.11	1199.9	3.9	14.2	-7.3	0.25	14.8	74.65	SDI Keeper
1300.0	1.53	63.70	1299.9	5.1	16.3	-7.9	0.37	17.1	72.67	SDI Keeper
1376.0	1.94	310.45	1375.8	6.4	16.2	-7.0	3.82	17.4	68.57	SDI E-FIELD
1395.0	10.31	343.12	1394.7	8.2	15.5	-5.2	46.00	17.5	62.08	SDI E-FIELD
1425.0	23.54	336.11	1423.4	16.3	12.3	2.8	44.54	20.4	36.99	SDI E-FIELD
1456.0	34.95	328.73	1450.4	29.6	5.1	17.3	38.54	30.0	9.84	SDI E-FIELD
1486.0	41.94	316.17	1473.9	44.2	-6.3	35.7	34.84	44.7	351.88	SDI E-FIELD
1518.0	44.76	299.51	1497.2	57.5	-23.6	57.3	36.73	62.2	337.71	SDI E-FIELD
1547.0	53.34	294.52	1516.2	67.4	-43.1	78.1	32.30	80.0	327.41	SDI E-FIELD
1578.0	63.10	296.84	1532.5	78.8	-66.8	103.0	32.12	103.3	319.72	SDI E-FIELD
1610.0	74.14	301.77	1544.2	93.4	-92.7	131.6	37.35	131.6	315.22	SDI E-FIELD
1640.0	83.53	302.18	1550.0	109.0	-117.6	160.3	31.33	160.4	312.82	SDI E-FIELD
1669.0	94.54	303.50	1550.5	124.7	-142.0	188.6	38.24	189.0	311.29	SDI E-FIELD
1699.0	95.15	308.50	1547.9	142.3	-166.1	218.1	16.73	218.7	310.57	SDI E-FIELD
1730.0	90.64	307.17	1546.4	161.2	-190.6	248.8	15.17	249.6	310.23	SDI E-FIELD
1762.0	90.20	310.95	1546.1	181.4	-215.4	280.6	11.89	281.6	310.10	SDI E-FIELD



Scientific Drilling Houston

Final Survey Report



Company: EL PASO PRODUCTION
Field: VERMEJO FIELD, NEW MEXICO
Site: RATON (D12)
Well: WELL D-12
Wellpath: ST00BP01

Date: 1/30/2006 Time: 10:37:11 Page: 2
Co-ordinate(NE) Reference: Well: WELL D-12, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,315.00Azi)
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
1792.0	93.30	315.35	1545.2	201.9	-237.3	310.6	17.93	311.6	310.39	SDI E-FIELD
1822.0	92.73	317.60	1543.6	223.6	-257.9	340.5	7.73	341.4	310.93	SDI E-FIELD
1853.0	90.37	319.91	1542.8	246.9	-278.4	371.4	10.65	372.1	311.58	SDI E-FIELD
1883.0	92.26	323.17	1542.1	270.4	-297.0	401.2	12.56	401.7	312.32	SDI E-FIELD
1913.0	91.51	326.98	1541.1	295.0	-314.2	430.7	12.94	430.9	313.20	SDI E-FIELD
1944.0	94.24	328.91	1539.6	321.2	-330.6	460.9	10.78	461.0	314.18	SDI E-FIELD
1976.0	96.07	329.23	1536.7	348.6	-347.0	491.8	5.80	491.8	315.13	SDI E-FIELD
2007.0	95.86	328.04	1533.5	374.9	-363.0	521.8	3.88	521.8	315.92	SDI E-FIELD
2038.0	90.84	324.91	1531.7	400.7	-380.1	552.1	19.07	552.3	316.51	SDI E-FIELD
2070.0	88.15	320.47	1532.0	426.1	-399.5	583.8	16.22	584.1	316.85	SDI E-FIELD
2100.0	88.47	320.04	1532.8	449.2	-418.7	613.7	1.79	614.0	317.01	SDI E-FIELD
2131.0	92.08	323.53	1532.7	473.5	-437.8	644.4	16.20	644.9	317.24	SDI E-FIELD
2161.0	90.94	327.05	1531.9	498.2	-454.9	673.9	12.33	674.6	317.60	SDI E-FIELD
2193.0	91.92	328.97	1531.1	525.3	-471.9	705.1	6.73	706.1	318.07	SDI E-FIELD
2224.0	93.81	330.68	1529.5	552.1	-487.4	735.0	8.22	736.4	318.56	SDI E-FIELD
2253.0	95.66	332.03	1527.2	577.4	-501.3	762.8	7.89	764.7	319.04	SDI E-FIELD
2284.0	94.92	332.51	1524.3	604.7	-515.6	792.2	2.84	794.7	319.55	SDI E-FIELD
2314.0	95.02	335.02	1521.7	631.5	-528.9	820.5	8.34	823.7	320.06	SDI E-FIELD
2345.0	95.19	335.50	1518.9	659.6	-541.8	849.5	1.64	853.6	320.60	SDI E-FIELD
2375.0	95.38	336.85	1516.2	686.9	-553.8	877.4	4.53	882.4	321.12	SDI E-FIELD
2402.0	96.58	337.41	1513.4	711.7	-564.3	902.2	4.90	908.2	321.59	SDI E-FIELD
2432.0	97.86	339.12	1509.6	739.3	-575.3	929.6	7.08	936.8	322.11	SDI E-FIELD
2462.0	98.27	341.13	1505.4	767.2	-585.4	956.5	6.77	965.1	322.66	SDI E-FIELD
2489.0	98.27	341.14	1501.5	792.5	-594.0	980.4	0.04	990.4	323.15	PROJECTED DEPTH

EL PASO PRODUCTION

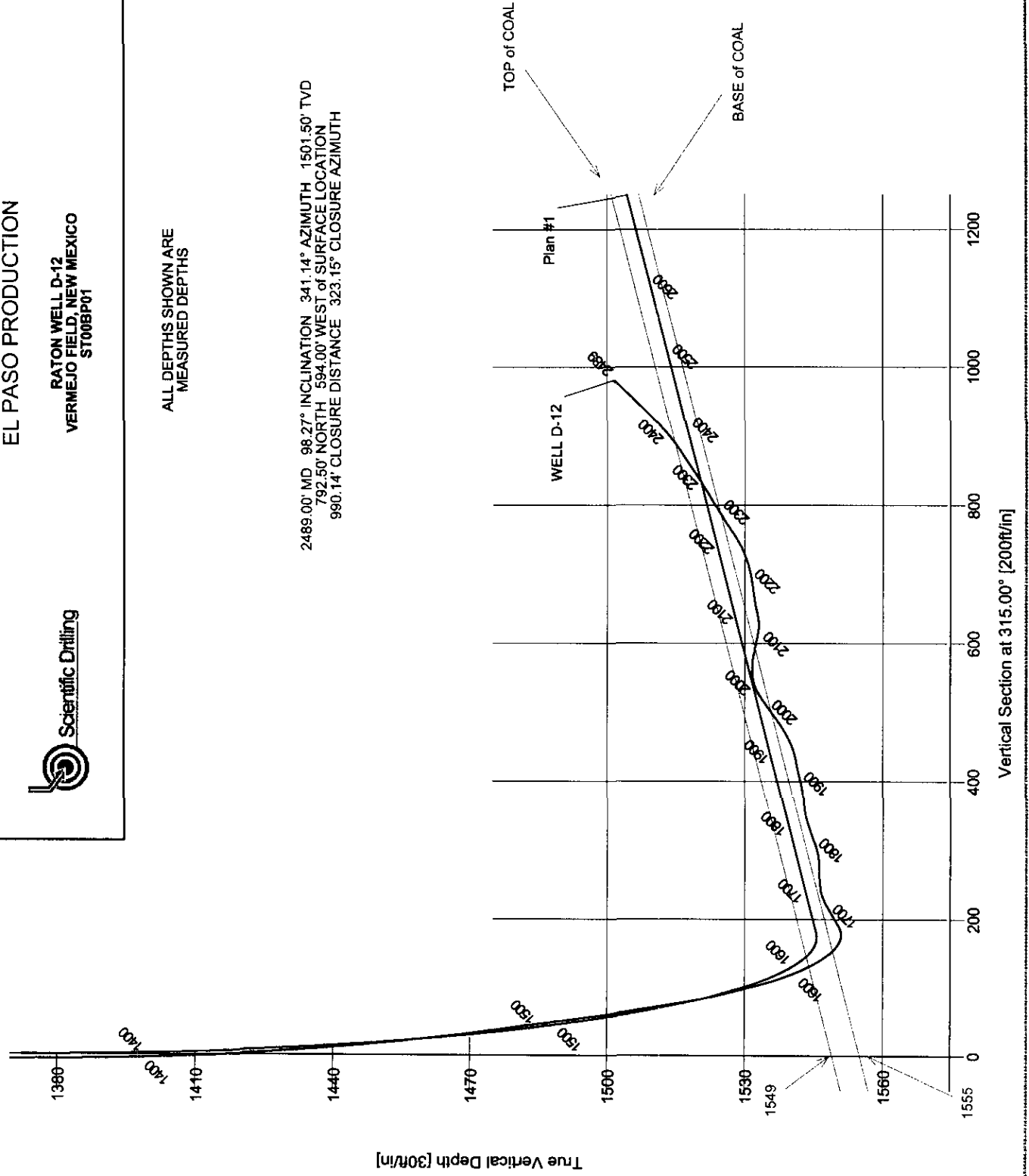
el paso
Production

RATON WELL D-12
VERMEJO FIELD, NEW MEXICO
ST00BP01



ALL DEPTHS SHOWN ARE
MEASURED DEPTHS

2489.00' MD 98.27° INCLINATION 341.14° AZIMUTH 1501.50' TVD
792.50' NORTH 594.00' WEST OF SURFACE LOCATION
990.14' CLOSURE DISTANCE 323.15° CLOSURE AZIMUTH





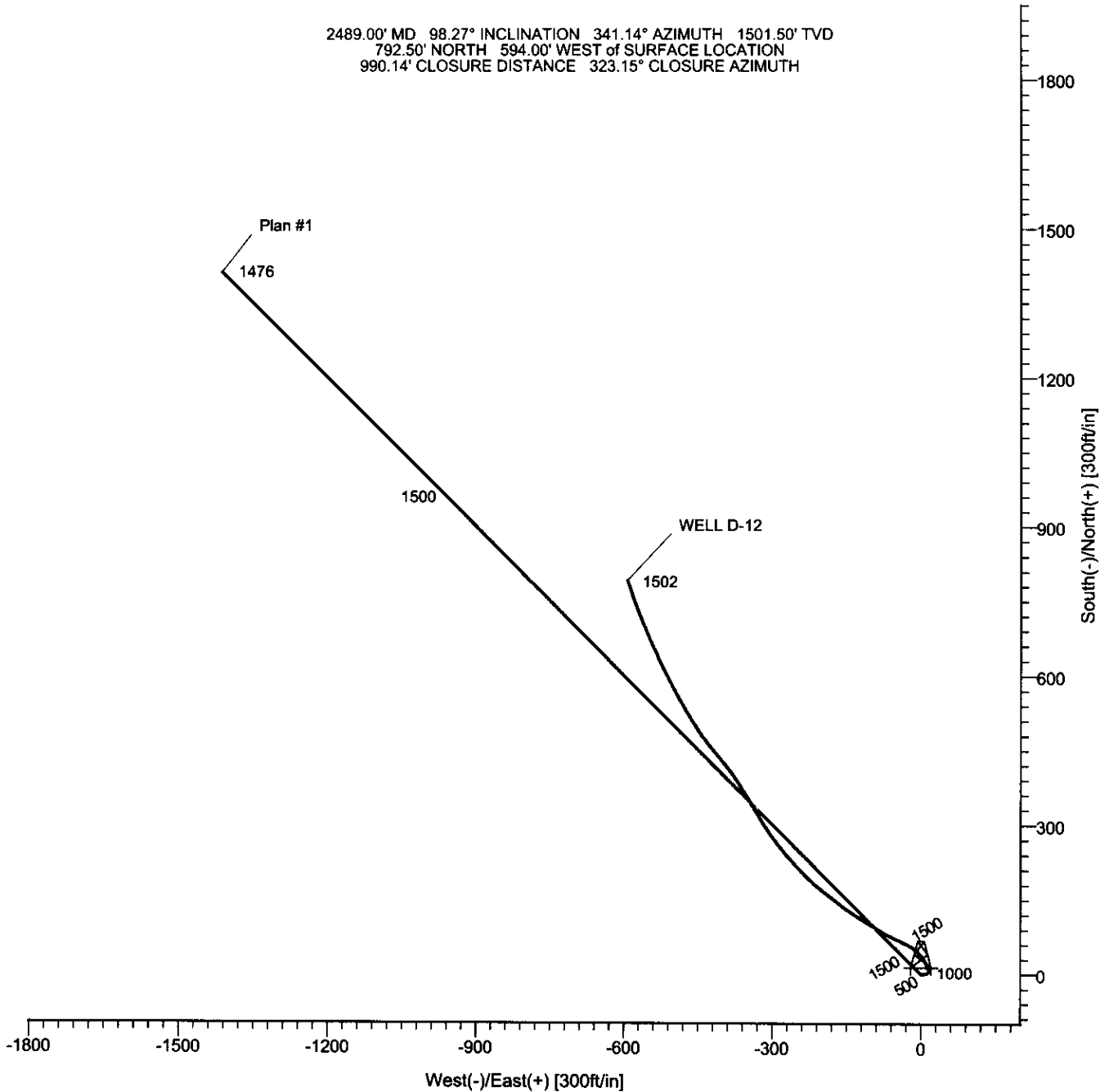
EL PASO PRODUCTION

RATON WELL D-12
VERMEJO FIELD, NEW MEXICO
ST00BP01



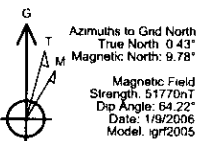
ALL DEPTHS SHOWN ARE
TRUE VERTICAL DEPTHS

2489.00' MD 98.27° INCLINATION 341.14° AZIMUTH 1501.50' TVD
792.50' NORTH 594.00' WEST of SURFACE LOCATION
990.14' CLOSURE DISTANCE 323.15° CLOSURE AZIMUTH



WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
WELL D-12	0.0	0.0	2132647.34	290335.90	36°51'31.798N	105°03'00.004W	N/A



January 30, 2006
Scientific Drilling
281.443.4600