

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

WELL API NO. 30-007-20203	
5. Indicate Type of Lease STATE FEE ☒	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name VPR A	
8. Well Number	53
9. OGRID Number	180514
10. Pool name or Wildcat Stubblefield Canyon - Vermejo Gas	

2007 SEP 25 PM 12 52

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 Side Track - CBM	
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 <u>N</u> : <u>1009</u> feet from the <u>South</u> line and <u>1406</u> feet from the <u>West</u> line Section <u>22</u> Township <u>32N</u> Range <u>20E</u> NMPM Colfax County Bottom Hole Location: Unit L, Sec 22, T 32N, R 20E, 1779' FSL, 919' FWL, Colfax	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 8,098' (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.

05/20/07 MIRU Key Rig. LD rods, tubing, and pump. Made a scraper run.
05/23/07 Set whip stock. Start milling window from 1943.50' - 1949.35'.
MIRU Lloyd Jones Rig #33. Drill 4 3/4" horizontal lateral to 3060' MD or 2250' TVD.
To 05/27/07 (See attachment for surveys.)
05/27/07 Stuck drill pipe. Set fishing tools to pull stuck drill pipe.
05/30/07 Retrieve fish from well.
05/31/07 Run 3 1/2" perf liner. Tag up at 2275'. Could not work through. LD liner.
Release rig. Wait on further instructions.
07/24/07 Pulled whip stock at 1943'. Cleaned out to 2410'. PBTD at 2454'
07/26/07 Ran rods, tubing, and pump back in hole. Tubing landed at 2310'.
08/10/07 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 Mitchell TITLE Regulatory Analyst DATE 09/24/2007
Type or print name Shirley 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 9/27/07
Conditions of Approval (if any):



Scientific Drilling Houston

Final Survey Report



Company: EL PASO PRODUCTION Date: 6/8/2007 Time: 10:49:43 Page: 1
Field: VERMEJO FIELD, NEW MEXICO Co-ordinate(NE) Reference: Well: WELL A-53, Grid North
Site: RATON (A53) Vertical (TVD) Reference: SITE 8098.0
Well: WELL A-53 Section (VS) Reference: Well (0.00N,0.00E,327.13Azi)
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 (A53)

Site Position: Northing: 2179920.08 ft Latitude: 36 59 23.000 N
From: Geographic Easting: 403581.77 ft Longitude: 104 48 18.100 W
Position Uncertainty: 0.0 ft North Reference: Grid
Ground Level: 8098.0 ft Grid Convergence: -0.28 deg

Well: WELL A-53

Slot Name:

Well Position: +N/-S 0.0 ft Northing: 2179920.08 ft Latitude: 36 59 23.000 N
+E/-W 0.0 ft Easting: 403581.77 ft Longitude: 104 48 18.100 W
Position Uncertainty: 0.0 ft

Wellpath: LATERAL

Drilled From: Surface
Tie-on Depth: 0.0 ft
Above System Datum: Mean Sea Level
Declination: 9.07 deg
Mag Dip Angle: 64.34 deg
+E/-W Direction bearing

Current Datum: SITE Height 8098.0 ft
Magnetic Data: 5/21/2007
Field Strength: 51738 nT
Vertical Section: Depth From (TVD) +N/-S
ft ft
0.0 0.0 0.0 327.13

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	0.93	75.08	100.0	0.2	0.8	-0.3	0.93	0.8	75.08	SDI GYRO
200.0	2.39	63.51	200.0	1.3	3.4	-0.7	1.49	3.7	68.57	SDI GYRO
300.0	3.42	53.08	299.8	4.1	7.7	-0.8	1.15	8.7	62.10	SDI GYRO
400.0	3.47	51.71	399.6	7.7	12.4	-0.3	0.10	14.7	58.13	SDI GYRO
500.0	3.85	55.63	499.4	11.5	17.6	0.1	0.45	21.0	56.81	SDI GYRO
600.0	3.49	59.22	599.2	15.0	23.0	0.1	0.43	27.4	56.93	SDI GYRO
700.0	3.70	62.60	699.0	18.0	28.5	-0.3	0.30	33.7	57.68	SDI GYRO
800.0	4.09	64.31	798.8	21.0	34.5	-1.1	0.41	40.4	58.66	SDI GYRO
900.0	4.33	70.51	898.5	23.8	41.3	-2.4	0.51	47.7	60.01	SDI GYRO
1000.0	4.24	74.44	998.3	26.1	48.4	-4.4	0.31	55.0	61.69	SDI GYRO
1100.0	3.97	76.87	1098.0	27.9	55.4	-6.6	0.32	62.0	63.28	SDI GYRO
1200.0	3.78	79.87	1197.8	29.2	62.0	-9.1	0.28	68.5	64.75	SDI GYRO
1300.0	3.44	90.13	1297.6	29.8	68.2	-12.0	0.73	74.4	66.40	SDI GYRO
1400.0	3.27	92.32	1397.4	29.7	74.1	-15.3	0.21	79.8	68.16	SDI GYRO
1500.0	2.87	98.37	1497.3	29.2	79.4	-18.6	0.51	84.6	69.81	SDI GYRO
1600.0	2.72	96.42	1597.1	28.6	84.2	-21.7	0.18	88.9	71.26	SDI GYRO
1700.0	2.50	100.15	1697.0	27.9	88.7	-24.7	0.28	93.0	72.53	SDI GYRO
1800.0	2.18	98.07	1797.0	27.3	92.8	-27.4	0.33	96.7	73.62	SDI GYRO
1900.0	1.99	88.37	1896.9	27.1	96.4	-29.6	0.40	100.1	74.32	SDI GYRO
1911.8	1.92	90.82	1908.6	27.1	96.8	-29.8	0.93	100.5	74.38	SDI GYRO
1954.0	1.92	90.82	1950.9	27.0	98.2	-30.6	0.00	101.9	74.61	SDI E-FIELD
1999.0	11.83	337.00	1995.5	31.3	97.1	-26.5	28.28	102.1	72.15	SDI E-FIELD
2030.0	17.17	330.91	2025.6	38.2	93.7	-18.8	17.89	101.2	67.80	SDI E-FIELD
2062.0	22.75	330.58	2055.6	47.7	88.3	-7.9	17.44	100.4	61.61	SDI E-FIELD
2093.0	28.28	328.84	2083.6	59.3	81.6	5.5	18.00	100.8	54.01	SDI E-FIELD
2124.0	33.90	327.82	2110.1	72.9	73.2	21.5	18.21	103.3	45.12	SDI E-FIELD
2154.0	39.31	326.65	2134.2	87.9	63.5	39.4	18.18	108.4	35.84	SDI E-FIELD



Scientific Drilling Houston

Final Survey Report



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Site: RATON (A53)
Well: WELL A-53
Wellpath: LATERAL

Date: 6/8/2007 Time: 10:49:43 Page: 2
Co-ordinate(NE) Reference: Well: WELL A-53, Grid North
Vertical (TVD) Reference: SITE 8098.0
Section (VS) Reference: Well (0.00N,0.00E,327.13Azi)
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
2183.0	44.66	326.26	2155.7	104.1	52.8	58.8	18.47	116.7	26.89	SDI E-FIELD
2215.0	51.96	326.44	2177.0	123.9	39.5	82.6	22.82	130.1	17.70	SDI E-FIELD
2246.0	60.37	327.64	2194.3	145.5	25.6	108.4	27.32	147.8	9.96	SDI E-FIELD
2278.0	68.69	328.21	2208.0	170.0	10.2	137.2	26.05	170.3	3.45	SDI E-FIELD
2309.0	74.67	326.33	2217.7	194.7	-5.7	166.6	20.13	194.8	358.33	SDI E-FIELD
2341.0	79.60	323.61	2224.9	220.3	-23.6	197.8	17.49	221.5	353.89	SDI E-FIELD
2372.0	84.14	320.25	2229.3	244.4	-42.5	228.3	18.15	248.1	350.14	SDI E-FIELD
2403.0	86.20	319.86	2231.9	268.1	-62.3	259.0	6.76	275.2	346.91	SDI E-FIELD
2435.0	86.34	319.77	2233.9	292.5	-82.9	290.7	0.52	304.0	344.17	SDI E-FIELD
2466.0	86.40	320.06	2235.9	316.2	-102.9	321.4	0.95	332.5	341.98	SDI E-FIELD
2497.0	86.23	319.87	2237.9	339.8	-122.8	352.1	0.82	361.3	340.14	SDI E-FIELD
2529.0	85.83	319.11	2240.1	364.1	-143.5	383.7	2.68	391.4	338.49	SDI E-FIELD
2560.0	86.74	318.93	2242.1	387.5	-163.8	414.3	2.99	420.7	337.09	SDI E-FIELD
2592.0	87.78	319.79	2243.7	411.7	-184.6	446.0	4.22	451.2	335.85	SDI E-FIELD
2624.0	88.15	320.12	2244.8	436.2	-205.2	477.7	1.55	482.0	334.81	SDI E-FIELD
2656.0	88.12	319.81	2245.8	460.7	-225.7	509.5	0.97	513.0	333.89	SDI E-FIELD
2687.0	89.63	320.09	2246.4	484.4	-245.7	540.2	4.95	543.2	333.11	SDI E-FIELD
2719.0	89.83	320.87	2246.6	509.1	-266.1	572.0	2.52	574.4	332.41	SDI E-FIELD
2750.0	88.52	320.56	2247.0	533.1	-285.7	602.8	4.34	604.8	331.81	SDI E-FIELD
2781.0	88.79	320.56	2247.8	557.0	-305.4	633.6	0.87	635.2	331.27	SDI E-FIELD
2812.0	90.20	320.38	2248.0	580.9	-325.1	664.4	4.59	665.7	330.77	SDI E-FIELD
2844.0	90.00	319.86	2248.0	605.5	-345.6	696.1	1.74	697.2	330.28	SDI E-FIELD
2876.0	89.66	320.13	2248.1	630.0	-366.2	727.9	1.36	728.7	329.83	SDI E-FIELD
2907.0	89.40	319.91	2248.3	653.8	-386.1	758.6	1.10	759.3	329.43	SDI E-FIELD
2938.0	90.13	320.09	2248.5	677.5	-406.0	789.4	2.43	789.9	329.07	SDI E-FIELD
2970.0	89.33	320.51	2248.6	702.1	-426.5	821.2	2.82	821.5	328.73	SDI E-FIELD
3000.0	88.99	321.06	2249.1	725.4	-445.4	851.0	2.16	851.2	328.45	SDI E-FIELD
3060.0	88.99	321.06	2250.1	772.0	-483.1	910.6	0.00	910.7	327.96	PROJECTED DEPTH



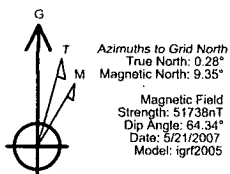
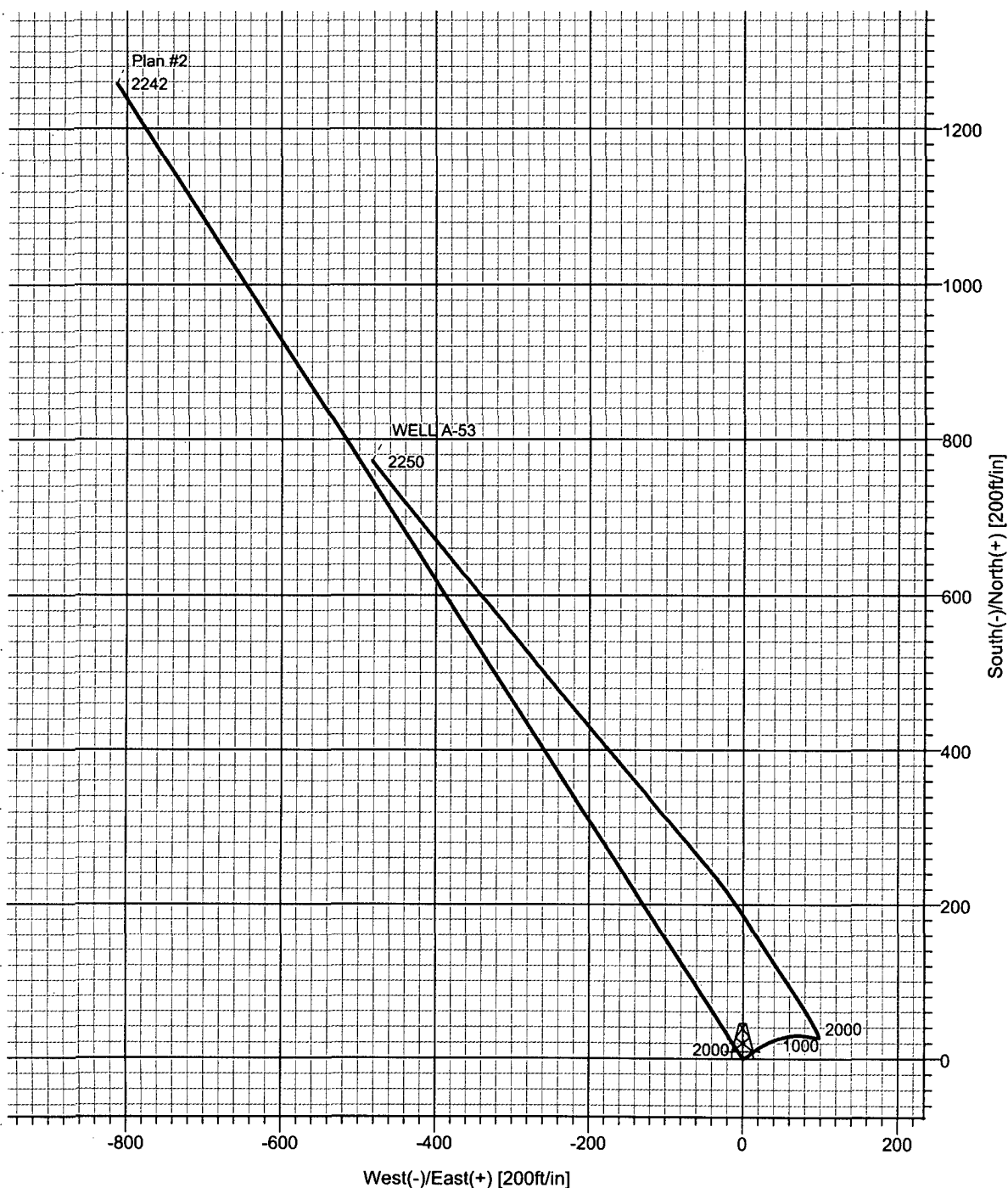
EL PASO PRODUCTION

RATON WELL A-53
VERMEJO FIELD, NEW MEXICO
LATERAL



3060.00' MD 88.99° INCLINATION 321.06° AZIMUTH 2250.10' TVD
772.00' NORTH 483.10' WEST of SURFACE LOCATION
910.70' CLOSURE DISTANCE 327.96° CLOSURE AZIMUTH

ALL DEPTHS SHOWN ARE
TRUE VERTICAL DEPTHS



WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
WELL A-53	0.0	0.0	2179920.08	403581.77	36°59'23.000N	104°48'18.100W	N/A

June 8, 2007
Scientific Drilling
281.443.4600

EL PASO PRODUCTION

RATON WELL A-53
VERMEJO FIELD, NEW MEXICO
LATERAL



Scientific Drilling

ALL DEPTHS SHOWN ARE
MEASURED DEPTHS

3060.00' MD 88.99° INCLINATION 321.06° AZIMUTH 2250.10' TVD
772.00' NORTH 483.10' WEST of SURFACE LOCATION
910.70' CLOSURE DISTANCE 327.96° CLOSURE AZIMUTH

