

Office  
District I  
1625 N. French Dr., Hobbs, NM 87401  
District II  
841 South First, Artesia, NM 87211  
District III  
1000 Rio Brazos Rd., Aztec, NM 87411  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Revised March 25, 1999

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

WELL API NO.

30-007-20255

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name:

VPR E

8. Well No. 16

9. Pool name or Wildcat pool  
Stubblefield Canyon Raton-Vermejo Gas

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 X Coalbed Methane

2. Name of Operator

EL PASO ENERGY RATON, L.L.C.

3. Address of Operator

P.O. Box 190, Raton, NM 87740

4. Well Location

Unit Letter K Section 32 Township 32N Range 19E NMPM COLFAX County  
feet from the South line and 359 feet from the West line

10. Elevation (Show whether DR, RKB, RT, GR, etc.)  
8742' GL)

11. 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 COMPLETION ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: COMPLETION ☒

12. 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.

05/25/01 Patterson ran Cement Bond Log - PBTD to 2467', TOC to surface.

06/02/01 Patterson perf'd 1<sup>st</sup> stage - 2310' - 2314'

Maverick frac'd 1<sup>st</sup> stage - Pumped 500 gals 7.5% HCl acid, 70 quality nitrogen foam with 5,100 lbs of 16/30 mesh sand pumped at 18 bpm, w/ATP of 2671 psi. Screened out

Patterson perf'd 1<sup>st</sup> stage 2<sup>nd</sup> attempt - 2310' - 1314'

Maverick frac'd 1<sup>st</sup> stage 2<sup>nd</sup> attempt - Cleaned out the perfs followed by 200 gals of 7.5% HCl acid, 70 quality nitrogen foam with 32,000 lbs of 16/30 mesh sand pumped at 16 bpm, w/ATP of 2748 psi. ISIP 2611 psi.

06/04/01 Patterson perf'd 2nd stage - 2242' - 2246'; 2253' - 2257'

Maverick frac'd 2nd stage - Pumped 500 gals 7.5% HCl acid, 70 quality nitrogen foam with 66,000 lbs of 16/30 mesh sand pumped at 16 bpm, w/ATP of 967 psi. ISIP 478 psi.

Patterson perf'd 3<sup>rd</sup> stage - 2032' - 2034'; 2062' - 2064'

Maverick frac'd 3<sup>rd</sup> stage - Pumped 500 gals of 7.5% HCl acid, 70 quality nitrogen foam with 32,000 lbs of 16/30 mesh sand pumped at 16 bpm, w/ATP of 2004 psi. ISIP 654 psi.

Patterson perf'd 4<sup>th</sup> stage - 1684' - 1686'; 1732' - 1734'; 1772' - 1774'

Maverick frac'd 4<sup>th</sup> stage - Pumped 500 gals of 7.5% HCl acid, 70 quality nitrogen foam with 33,500 lbs of 16/30 mesh sand pumped at 16 bpm, w/ATP of 927 psi. ISIP 535 psi.

Patterson perf'd 5<sup>th</sup> stage - 959' - 1062'; 1076' - 1080'; 1121' - 1123'

Maverick frac'd 5<sup>th</sup> stage - Pumped 600 gals of 7.5% HCl acid, dropped 54 ball sealers, 70 quality nitrogen foam with 72,000 lbs of 16/30 mesh sand pumped at 16 bpm, w/ATP of 644 psi. ISIP 200 psi.

06/05/01 Patterson perf'd 6<sup>th</sup> stage - 1024' - 1032'

Maverick frac'd 6<sup>th</sup> stage - Pumped 400 gals of 7.5% HCl acid, 70 quality nitrogen foam with 64,000 lbs of 16/30 mesh sand pumped at 16 bpm, w/ATP of 1207 psi. ISIP 646 psi.

Patterson perf'd 7<sup>th</sup> stage - 963' - 970'

Maverick frac'd 7<sup>th</sup> stage - Pumped 300 gals of 7.5% HCl acid, 70 quality nitrogen foam with 40,000 lbs of 16/30 mesh sand pumped at 16 bpm, w/ATP of 850 psi. ISIP 509 psi.

Well is ready to be put on production.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE William M. Ordeman TITLE Engineer DATE 06/22/01  
Type or print name William M. Ordeman Telephone No. (505) 445-6724

(This space for State use)  
APPROVED BY [Signature] TITLE DISTRICT SUPERVISOR DATE 6/26/2001  
Conditions of approval, if any