

State of New Mexico  
Energy, Minerals and Natural Resources

## OIL CONSERVATION DIVISION

2040 South Pacheco

Santa Fe, NM 87505

Form C-103

Revised March 25, 1999

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. <b>30-007-20328</b>
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other X Coalbed Methane		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator <b>EL PASO ENERGY RATON, L.L.C.</b>		6. State Oil & Gas Lease No.
3. Address of Operator <b>P.O. Box 190, Raton, NM 87740</b>		7. Lease Name or Unit Agreement Name: <b>VPR A</b>
4. Well Location Unit Letter <b>A</b> ; <b>1189.9</b> feet from the <b>North</b> line and <b>1056.8</b> feet from the <b>East</b> line Section <b>9</b> Township <b>31N</b> Range <b>19E</b> <b>NMPM COLFAX</b> County		8. Well No. <b>76</b> 9. Pool name or Wildcat <b>Stubblefield Canyon</b> <b>Raton-Vermejo Gas</b>
10. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>8468' (GL)</b>		

## 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.

- 03/20/02 HES ran Acoustic Cement Bond Log - TOC @ 400'.
- 03/23/02 HES - 1" Squeeze Job. Pumped 50 sks Midcon II with 6% salt, 5 #/sk Gilsomite, and .3% Versaset. Circulated 4 bbls of cement to surface.
- 04/08/02 HES perf'd 1<sup>st</sup> stage - 2460'-2462', 2465'-2467', 2511'-2514' 4 SPF 28 Holes  
 HES frac'd 1<sup>st</sup> stage - Pumped 8.3 bbls of HCL acid, 487,902 (scf) nitrogen foam, and 54,300 lbs of 16/30 Brady Sand at 16 bpm with ATP at 1380 psi. ISIP was 110 psi.  
 HES perf'd 2<sup>nd</sup> stage - 2327'-2330', 2394'-2396' 4 SPF 20 Holes  
 HES frac'd 2<sup>nd</sup> stage - Pumped 11.9 bbls of HCL acid, 172,125 (scf) nitrogen foam, and 800 lbs of 16/30 Brady Sand. Screened out.
- 04/09/02 HES perf'd 3<sup>rd</sup> stage - 1950'-1954', 1969'-1971', 2032'-2034', 2036'-2038' 4 SPF 40 Holes  
 HES frac'd 3<sup>rd</sup> stage - Pumped 11.9 bbls of HCL acid, 386,689 (scf) nitrogen foam, and 8,700 lbs of 16/30 Brady Sand at 16 bpm with ATP at 2182, ISIP was 3612 psi. The job pressured out and quit pumping when the surface pressure of 2182 psi, ISIP 2640 psi.
- 04/10/02 HES re-frac'd 3<sup>rd</sup> stage - Pumped 15.5 bbls of HCL acid, 280,125 (scf) nitrogen foam, and 1,900 lbs of 16/30 Brady Sand. ISIP at 2640 psi. Screened out.  
 HES perf'd 4<sup>th</sup> stage - 1379'-1381', 1449'-1451', 1484'-1487' 4 SPF 32 Holes  
 HES frac'd 4<sup>th</sup> stage - Pumped 16.7 bbls of HCL acid, 494,051 (scf) nitrogen foam, and 41,400 lbs of 16/30 Brady Sand at 18-24 bpm with ATP 1817 psi. The ISIP was 575 psi.  
 HES perf'd 5<sup>th</sup> stage - 1218'-1222', 1276'-1280', 1321'-1323' 4 SPI 40 Holes  
 HES frac'd 5<sup>th</sup> stage - Pumped 9.5 bbls of HCL acid, 443,384 (scf) nitrogen foam, and 55,000 lbs of 16/30 Brady Sand at 16 bpm with ATP 1245 psi. ISIP was 760 psi.

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Completion

12. Continued

04/10/02 HES perf'd 6<sup>th</sup> stage - 1072'- 1075', 1153'- 1156' 4 SPF 24 Holes  
HES frac'd 6<sup>th</sup> stage - Pumped 7.0 bbls of HCL acid, 402,029 (scf) nitrogen foam, and 50,300 lbs of 16/30 Brady Sand at  
16 bpm with ATP 1475 psi, ISIP was 604 psi.  
04/18/02 Ran production equipment. 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 Shirley A. Mitchell TITLE Field Adm. Specialist DATE 06/12/02  
Type or print name Shirley A. Mitchell Telephone No. (505) 445-6785

(This space for State use)

APPROVED BY [Signature] TITLE DISTRICT SUPERVISOR DATE 6/24/02  
Conditions of approval, if any: