

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.

30-007-20304

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.

06

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 ☒ 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 N: 1141.5 feet from the South line and 1628.4 feet from the West line
Section 04 Township 31N Range 19E NMPM COLFAX County

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

8449' 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 recompilation.

04/06/02 HES ran Cement Bond Log - TOC - N/A

04/26/02 HES Wireline shot squeeze job at 2322'. Pumped 366 sxs Midcon II with 6% salt, 5#/sk gilsonite, 2#/sk granulate, .3% versaset, .3% Super CBL. No returns.

04/29/02 HES ran Cement Bond Log - TOC - N/A

04/30/02 HES Wireline shot squeeze job at 1166'. Pumped 140 sxs Midcon II with 6% salt, 5#/sk gilsonite, 2#/sk granulate, .3% versaset, .3% Super CBL. No returns.

05/02/02 HES ran Cement Bond Log - TOC at 1130'.

05/03/02 HES Wireline shot 1" squeeze job down 5 1/2" casing. Pumped 135 sxs Midcon II with 6% salt, 5#/sk gilsonite, 2#/sk granulate, .3% versaset, .3% Super CBL.

05/06/02 HES ran Cement Bond Log - TOC at surface.

05/28/02 HES perf'd 1st stage - 2434'-2436' 3 SPF 5 Holes
HES frac'd 1st stage - Pumped 2.4 bbls HCL acid with 5,480 lbs of 16/30 mesh sand pumped at 8.1 bpm, ATP of 1800 psi, ISIP 484 psi.
HES perf'd 2nd stage - 2372'-2374' 3 SPF 5 Holes
HES frac'd 2nd stage - Pumped 2.4 bbls HCL acid with 250 lbs of 16/30 mesh sand pumped at 7.3 bpm, ATP of 2522 psi. Screened out.
HES perf'd 3rd stage - 2325'-2327' 3 SPF 5 Holes
HES frac'd 3rd stage - Pumped 4.8 bbls HCL acid with 40,700 lbs of 16/30 mesh sand pumped at 8.6 bpm, ATP of 1175 psi, ISIP 338 psi.
HES perf'd 4th stage - 2226'-2228' 3 SPF 5 Holes
HES frac'd 4th stage - Pumped 2.4 bbls HCL acid. Hit max pressure.
HES perf'd 5th stage - 1931'-1933' 3 SPF 5 Holes
HES frac'd 5th stage - Pumped 2.4 bbls HCL acid with 11,300 lbs of 16/30 mesh sand pumped at 8.5 bpm, ATP of 1315 psi, ISIP 705 psi.
HES perf'd 6th stage - 1388'-1390' 3 SPF 5 Holes
HES frac'd 6th stage - Pumped 2.4 bbls HCL acid with 20,600 lbs of 16/30 mesh sand pumped at 8.2 bpm, ATP at 1265 psi, ISIP 173 psi.
05/29/02 HES perf'd 7th stage - 1318'-1320' 3 SPF 5 Holes
HES frac'd 7th stage - Pumped 2.4 bbls HCL acid with 10,700 lbs of 16/30 mesh sand pumped at 8.3 bpm, ATP at 2953 psi, ISIP 2361 psi.
HES perf'd 8th stage - 1259'-1261' 3 SPF 5 Holes
HES frac'd 8th stage - Pumped 3.6 bbls HCL acid. Zones communicated.
HES perf'd 9th stage - 1259'-1261' 3 SPF 5 Holes
HES frac'd 9th stage - Pumped 2.4 bbls HCL acid with 10,600 lbs of 16/30 mesh sand pumped at 8.1 bpm, ATP at 1320 psi, ISIP 592 psi.
HES perf'd 10th stage - 1206'-1209' 3 SPF 8 Holes
HES frac'd 10th stage - Pumped 4.2 bbls HCL acid with 50,500 lbs of 16/30 mesh sand pumped at 8.2 bpm, ATP at 1505 psi, ISIP 535 psi.

Continued

05/30/02 HES perf'd 11th stage - 1150'-1152', 1167'-1169' 3 SPF 10 Holes
HES frac'd 11th stage - Pumped 2.4 bbls HCL acid. Zones communicated.
HES perf'd 12th stage - 1118'-1121' 3 SPF 8 Holes
HES frac'd 12th stage - Pumped 4.8 bbls HCL acid with 41,200 lbs of 16/30 mesh sand pumped at 8.6 bpm, ATP at 1542 psi, ISIP 416 psi.
HES perf'd 13th stage - 1018'-1020', 1024'-1026' 3 SPF 10 Holes
HES frac'd 13th stage - Pumped 4.8 bbls HCL acid with 41,600 lbs of 16/30 mesh sand pumped at 8.3 bpm, ATP at 2835 psi, ISIP 1838 psi.
06/05/02 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 07/17/02
Type or print name Shirley A. Mitchell Telephone No. (505) 445-6785

(This space for State use)

APPROVED BY R. E. Johnson TITLE **DISTRICT SUPERVISOR** DATE 7/22/02
Conditions of approval, if any: