

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 87240
District II
811 South First, Artesia, NM 87210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
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

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 <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Water Disposal Well		WELL API NO. 30-007-20302
2. Name of Operator EL PASO ENERGY RATON, L.L.C.		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
3. Address of Operator PO BOX 190, RATON, NM 87740		6. State Oil & Gas Lease No.
4. Well Location Unit Letter <u>A</u> : <u>1268.5</u> feet from the <u>North</u> line and <u>368.2</u> feet from the <u>East</u> line Section <u>05</u> Township <u>31N</u> Range <u>19E</u> NMPM Colfax County		7. Lease Name or Unit Agreement Name: VPR E
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 8573.6' (GL)		8. Well No. 34 WDW
		9. Pool name or Wildcat Stubblefield Canyon - Vermejo Gas

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: ☐

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.

02/04/02 MIRU Unit Rig 1. Spud in at 2:00 a.m. Drilling 18 1/2" surface hole from surface to 329' KB
 02/07/02 Ran 7 jts of 16", 65 ppf, H-40 BT&C casing to 328'. HES mixed and pumped 223 sks Midcon II, 14.0 ppg, yield 1.66, with 6% salt, 5 #/sx Gilsonite, .2% Versaset. Circulated 12 bbls of cement to surface.
 02/09/02 T/H with 14 3/4" bit and drill f/ 329' - 1,516' KB.
 02/10/02 T/H with 13 1/2" bit and drill f/ 1,516' - 2,745' KB. Ran 10 3/4" casing. Tagged up @ 2,687' KB. Set pipe @ 2,681' KB.
 02/14/02 HES mixed and pumped 596 sks Midcon II, 13.0 ppg, yield 1.66, with 6% salt, 5 #/sx Gilsonite, .2% Versaset, .1% Super CBL. No cement circulated to surface. WOC 6 hrs. Patterson wireline ran a temperature survey. TOC at 642' KB. Cement top job through 1" pipe f/ 641' to surface.
 02/15/02 Tagged cement at 2,350' KB. Drill out shoe to 2745' and dry up hole.
 02/18/02 T/H with 9 7/8" bit and drill f/ 2,745' - 6,065' KB. Gas flare @ 3588' KB w/ increase @ 5018' KB.
 02/20/02 Cement 1st stage: Mixed and pumped 506 sks of premium SD-300 cement. Bump plug with 1500 psi. Float held. WOC for 3.5 hours. Cement 2nd stage: Mixed and pumped 306 sks of premium SD-300 cement. Land plug and close DV Tool with 2100 psi. WOC for 3.5 hours.
 02/21/02 Lay down 4 1/2", 16.60#, drill pipe. Ran CBL log over 7 5/8" casing. TOC +/- 1162'.
 02/23/02 T/H with 6 3/4" bit and drill f/ 6065' - 7210' KB. TD at 7210' KB. Gas flare @ 6631'.
 02/27/02 T/OOH w/ bit. Stuck @ 7000'.
 02/28/02 Backoff. T/H w/ overshot and jars. No success. Backoff. DP twisted off @ 6262' KB.
 03/05/02 Set cement plug over fish w/ cement retainer @ 5913'. Mix and pump 250 sx premium SD-300 cement. Tag cement at 5909'.
 03/06/02 Drill retainer and cement to 6060'. RU Inteq kickoff tools. PU bit and motor. Directionally drill f/ 6060' - 6230' KB.

Continued:

03/07/02 Drilled back in old hole @ 6230'.
03/09/02 Set cement retainer at 5913'. Mix and pump 248 sks Prem SD-300 cement.
03/10/02 Drill retainer and cement to 6047'. RU Inteq kickoff tools. PU bit and motor. Directionally drill
f' 6047' - 6270' KB.
03/14/02 Drill 6 1/4" hole f' 6270' - 7215' KB.
03/16/02 Run 5 1/2" 17 ppf casing to 7133' KB. RU HES. Mix and pump 160 sks Prem SD-300 cement w/ 900 psi lift pressure.
03/17/02 Release rig at 17:00 hours.
03/25/02 Ran Cement Bond Log. Top of cement at 6462'.
03/26/02 Squeeze Job.

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

SIGNATURE DR Lankford TITLE Engineer DATE 3/26/02

Type or print name Donald R. Lankford Telephone No. (505) 445-6721

(This space for State use)

APPROVED BY R. E. Johnson TITLE **DISTRICT SUPERVISOR** DATE 3/28/02

Conditions of approval, if any:



Water Analysis Report

Customer: El Paso Energy

05/30/2000

Address: Box 190

City: Raton

State: NM

Zip: 87740-

Attention: Larry Casey

Date Sampled: 05/20/2000

CC1:

Date Received: 05/25/2000

CC2:

SALESMAN NAME: Larry Stanley

LEASE: VPR

SAMPLE POINT: Wellhead

WELL: A-42

REMARKS: Bailer Sample

CHLORIDE (MG/L):	29694	
SULFATE (MG/L):	868	
BICARBONATE (PPM):	268	
CALCIUM (MG/L):	4680	
MAGNESIUM (MG/L):	292	
IRON (PPM):		
BARIUM (MG/L):	0	
STRONTIUM (MG/L):	0	
MEASURED pH:	7	
TEMPERATURE:	100	
DISSOLVED CO2 (PPM):	274	
MOLE PERCENT CO2 IN GAS:	0.00	
DISSOLVED H2S (PPM):	0.0	
PRESSURE (PSIA):	25	
SODIUM (PPM):	13852	
TDS (MG/L):	49654	
RESISTIVITY:	0.1289	
IONIC STRENGTH:	0.86	
CALCITE (CaCO3) SI:	-0.85	CALCITE PTB: N/A
GYPSUM (CaSO4) SI:	-0.36	GYPSUM PTB: N/A
BARITE (BaSO4) SI:	N/A	BARITE PTB: N/A
CELESTITE (SrSO4) SI:	N/A	CELESTITE PTB: N/A

SI calculations based on Tomson-Oddo

Resistivity calculated at STP.