

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, 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-101
May 27, 2004

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to appropriate District Office

☒ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address El Paso Energy Raton, L.L.C. P.O. Box 190 Raton, New Mexico 87740		² OGRID Number 180514
		³ API Number 30-007-20892
⁴ Property Code 24648	⁵ Property Name Vermejo Park Ranch	⁶ Well No. VPR A 500
⁹ Proposed Pool 1 Glorieta		¹⁰ Proposed Pool 2 Entrada

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	30	31N	21E	O	332	South	2549	East	Colfax

⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Additional Well Information

¹¹ Work Type Code N	¹² Well Type Code S	¹³ Cable/Rotary Air/Rotary	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 7,960'
¹⁶ Multiple No	¹⁷ Proposed Depth 7,122	¹⁸ Formation Glorieta	¹⁹ Contractor Patterson Rig 744	²⁰ Spud Date January 2, 2008
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> _____ mils thick Clay <input type="checkbox"/> Pit Volume: _____ bbls Drilling Method: Closed-Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13 3/8"	48#	350'	230 sks	Surface
12 1/4"	9 5/8"	40#	3,970'	580 sks	Surface
8 3/4"	7"	26#	7,122'	880 sks	Surface

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

(Change in Location from Original Application dated 11/30/2007.)

- Drill 17 1/2" surface hole to 350'. Set 13 3/8", 48 ppf, H-40 STC casing. Cement to surface with 230 sks cement.
- Drill 12 1/4" hole to approximately 3,970'. Set 9 5/8", 40 ppf, J-55 LTC casing. Cement with 580 sks cement.
A cement bond log will be run if unable to circulate cement to surface.
- Drill 8 3/4" hole to the Glorieta, at approximately 7,122 MD. Set 7", 26 ppf, P-110 LTC casing. Cement with 880 sks cement.
A cement bond log will be run if unable to circulate cement to surface.
Open hole logs to include induction, resistivity, caliper, density and gamma ray.
- Perforate the Glorieta formation and attempt to catch native formation water sample.
- Perforate and stimulate the Glorieta interval.
- Conduct mechanical integrity test.
- Restoration of surface location/site.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Printed name: David Veltri <i>DV/Sm</i>		OIL CONSERVATION DIVISION	
Title: Production Manager		Approved by: <i>[Signature]</i>	
E-mail Address: david.veltri@elpaso.com		Title: DISTRICT SUPERVISOR	
Date: 01/07/2008		Approval Date: 1/11/08 Expiration Date: 1/11/10	
Phone: (575) 445-6721		Conditions of Approval Attached <input type="checkbox"/>	

Gu Thiele
Certificate Number NM LS NO. 5103