

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

Operator Name and Address EL PASO E & P COMPANY, L.P. PO BOX 190 RATON, NM 87740		OGRID Number 180514
Property Code 24648	Property Name VERMEJO PARK RANCH (VPR)	API Number 30-007-20170
Proposed Pool 1 VERMEJO		Well No. VPR A 41
Proposed Pool 2 RATON		

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	21	32N	20E	N	1128	South	1332	West	Colfax

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
N	21	32N	20E	N	544	South	2604	West	Colfax

Additional Well Information

Work Type Code N	Well Type Code G	Cable/Rotary Rotary/Fluid	Lease Type Code P	Ground Level Elevation 8,068'
Multiple Yes	Proposed Depth 2178' TVD 3600' MD	Formation Lower Vermejo	Contractor Turner	Spud Date April 1, 2007
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: Rotary/Fluid				
Closed-Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input checked="" type="checkbox"/>				

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
11"	8 5/8"	23#	338'	100 sx	SURFACE
7 7/8"	5 1/2"	15.5#	2276'	325 sx	SURFACE
4 3/4"	3 1/2"	9.3#	1904' - 3600' MD	None	Liner

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.

1. Set RBP in 5 1/2" casing at 1906'.
2. Set Whip stock in 5 1/2" casing at 1904'.
3. Cut window in 5 1/2" casing at 1898' - 1904'.
4. Drill a 4 3/4" hole in a 286' (20°) Radius curve to a 1400' horizontal lateral in the lower Vermejo coal (Top 2190' TVD).
5. Run 3 1/2" liner (No Cement) the length of the lateral.
6. Retrieve whip stock and RBP.
7. Clean out well bore, run production equipment, and put well back on production.

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: **Albert J. O'Neil**
Title: **Drilling Consultant**
E-mail Address: **albert.o'neil@elpaso.com**

Date: **02/16/2007** Phone: **(505) 445-6706**

OIL CONSERVATION DIVISION

Approved by:

Ed Martin

Title: **DISTRICT SUPERVISOR**

Approval Date: **2/21/07**

Expiration Date: **2/21/08**

Conditions of Approval Attached ☐

Joe Shields
Certificate Number NM L5 NO. 5103