

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 Tecton Energy, LLC, 3000 Wilcrest, Suite 300, Houston, TX 77042		² OGRID Number 24097
		³ API Number 30-001-20014
⁴ Property Code 303019	⁵ Property Name Barbara Page	⁶ Well No. 1
⁹ Proposed Pool 1		¹⁰ Proposed Pool 2

⁷ Surface Location

UL or lot no. P	Section 20	Township 10N	Range 1E	Lot Idn	Feet from the 660	North/South line South	Feet from the 660	East/West line East	County Bernalillo
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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
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Additional Well Information

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 5945
¹⁶ Multiple N	¹⁷ Proposed Depth 8,000'	¹⁸ Formation Entrada	¹⁹ Contractor United/Nabors	²⁰ Spud Date September 16, 2006
Depth to Groundwater 850'		Distance from nearest fresh water well <4600'		Distance from nearest surface water > 1 mile
Pit: Liner: Synthetic X <u>12</u> mils thick Clay <input type="checkbox"/> Pit Volume: _____ bbls Drilling Method: _____				
Closed-Loop System <input type="checkbox"/> 11,300 Fresh Water X 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#	800'	1680 ft3	Surface
12 - 1/4"	9 - 5/8"	36#	4,000'	1096 ft3	500'
7 - 7/8"	4 - 1/2"	11.6#	8,000'	956 ft3	3800'

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.

Our intent is to drill an exploratory well to the Entrada at +/- 8,000' depth, log, run casing, stimulate, and test. This will be accomplished in multiple phases due to equipment configurations and availability.

Phase I: Build location and set conductor pipe.

Phase II: Drill and set surface casing.

Phase III: Drill, log, and set intermediate and production casing.

Phase IV: Stimulate well as appropriate, test, and evaluate.

Phase V: complete or abandon based on testing and evaluation.

Use 3000# BOP.

This is a TIGHT HOLE.

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 X, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Printed name: **G. L. Christensen**

Title: **Vice President - Operations & Engineering**

E-mail Address: **cchristensen@tectonenergy.com**

Date: **9-08-06**

Phone: **(281) 668-8065**

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Expiration Date:

Conditions of Approval Attached ☐