

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

HOBBSOCD
APR 21 2015
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Form C-101
Revised July 18, 2013

AMENDED REPORT

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

¹ Operator Name and Address Endurance Resources LLC 203 West Wall Street Suite 1000 Midland TX 79701	² OGRID Number 270329
³ Property Code 314105	⁴ Property Name Telecaster Bass 36 State
⁵ API Number 30-025-42376	⁶ Well No. 4H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
A	36	24S	34E		150	North	990	East	Lea

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
P	36	24S	34E		330	South	330	East	Lea

9. Pool Information

Pool Name Red Hills; Bone Spring, North	Pool Code 96434
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Additional Well Information

¹¹ Work Type New Drill	¹² Well Type Oil	¹³ Cable/Rotary	¹⁴ Lease Type State	¹⁵ Ground Level Elevation 3372.6
¹⁶ Multiple N	¹⁷ Proposed Depth TVD 12,516 MD 17,065	¹⁸ Formation Bone Spring	¹⁹ Contractor McVay	²⁰ Spud Date 4/22/2015
Depth to Ground water	Distance from nearest fresh water well	Distance to nearest surface water		

We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	17.5	13.375	54.5	1340'	1239	
Intermed	12.25	9.625	40	9280	2447	
Prod	8.5	5.5	20	17065	1845	1000

Casing/Cement Program: Additional Comments

Plan to drill a 17-1/2" hole to 1340 with fresh water. Run 13-3/8" 54.5# J-55 casing and cement to surface. Drill 12-1/4" hole to 9280' with brine. Run 9-5/8" 40# casing and Cement to surface. Drill 8-1/2" hole to KOP at 11,926. Drill a 10"/100' curve and a ~4223' lateral to TD of ~17,065'. Run 5-1/2" 20# P-110 casing and cement in two stages.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	3000	3000	Cameron

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 I have complied with 19.15.14.9 (A) NMAC and/or 19.15.14.9 (B) NMAC , if applicable.

Signature: *Manny A. Sirgo*

Printed name: Manny A. Sirgo, III

Title: Engineer

E-mail Address: manny@enduranceresourcesllc.com

Date: 4/21/2015

Phone: 432-242-4680

OIL CONSERVATION DIVISION

Approved By: *[Signature]*

Title: **Petroleum Engineer**

Approved Date: *04/22/15* Expiration Date: *01/20/17*

Conditions of Approval Attached

APR 22 2015