

**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

RECEIVED

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. API Number 30-025-42376
4. Property Code 314105	5. Property Name Telecaster Bass 36 State	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	Pool Code
Red Hills; Bone Spring, North	96434

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 Double Ram	Working Pressure 3000	Test Pressure 3000	Manufacturer 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 <input type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input type="checkbox"/> if applicable. Signature: <i>Manny A. Sirgo</i>		OIL CONSERVATION DIVISION	
Printed name: Manny A. Sirgo, III		Approved By: <i>[Signature]</i>	
Title: Engineer		Title: Petroleum Engineer	
E-mail Address: manny@enduranceresourcesllc.com		Approved Date: 04/22/15 Expiration Date: 01/20/17	
Date: 4/21/2015	Phone: 432-242-4680	Conditions of Approval Attached	

APR 22 2015