

**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

Form C-101  
Revised July 18, 2013

Energy Minerals and Natural Resources

Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

HOBSOCD  AMENDED REPORT

JAN 20 2015

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

1. Operator Name and Address ENDURANCE RESOURCES, LLC		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	FNL	990	FEL	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	FSL	330	FEL	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: 12,540 MD: 17,110.2	18. Formation BONE SPRING	19. Contractor MCVAY	20. Spud Date 2/1/2015
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	980	946	
Intermed.	12.25	9.625	40	5251	1388	
Prod.	8.75	5.5	20	12540	2153	1000

Casing/Cement Program: Additional Comments

Plan to drill a 17-1/2' hole to 980' with Fresh Water. Run 13-3/8", 54.5#, J-55 casing and cement to surface. Drill 12-1/4' hole to 5251' with Brine, and run 9-5/8", 40.0# casing and cement to surface. Drill 8-3/4 hole to KOP at ~ 11967' drill a 10"/100" curve and a ~ 4223' lateral to TD of ~12540". Run 5-1/2", 20#, P-110 casing and cement to 1,000' in 1 stage

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: 1/6/2015

Phone: 432-242-4680

OIL CONSERVATION DIVISION	
Approved By: <i>[Signature]</i>	
Title: <b>Petroleum Engineer</b>	
Approved Date: <i>01/20/15</i>	Expiration Date: <i>01/20/17</i>
Conditions of Approval Attached	

JAN 21 2015