

District I
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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
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State of New Mexico
Energy Minerals and Natural Resources

Form C-101
Revised July 18, 2013

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

HOBBSD ☐ 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 <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: <i>01/20/15</i>	Expiration Date: <i>01/20/17</i>
Date: 1/6/2015	Phone: 432-242-4680	Conditions of Approval Attached	

JAN 21 2015