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

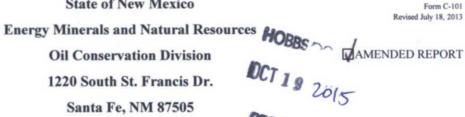
Phone: (505) 334-6178 Fax: (505) 334-6170 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico

Form C-101

1220 South St. Francis Dr.

Santa Fe, NM 87505



APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE Operator Name and Address OGRID Number 270329 ENDURANCE RESOURCES LLC 203 West Wall API Number Suite 1000 30-025-42282 Midland, TX 79701 Well No. Property Name RED RAIDER BKS STATE Property Code 315066 3H 7. Surface Location UL - Lot Township Lot Idn Feet from N/S Line Feet From E/W Line Section Range County 33 E S 925 E LEA P 25 24 S 200 \* Proposed Bottom Hole Location UL - Lot Section Township Range Lot Idn Feet from N/S Line Feet From E/W Line County 24 S 33 F 230 N 990 LEA E 25 9. Pool Information Pool Name Pool Code 96434 Red Hills: Bone Spring North Additional Well Information Work Type Well Type 13 Cable/Rotary Lease Type 15. Ground Level Elevation R 3501 New Well Oil State Multiple Proposed Depth 8. Formation Contractor 20. Spud Date N 14040 Avalon H&P 11/01/2015 Depth to Ground water: 0-600' 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

Туре	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	54.5	1250	1135	Surface
Int1	12.25	9.625	40	5287	1160	Surface
Prod	8.75	5.5	20	14040	1595	5000

Casing/Cement Program: Additional Comments

Plan to drill a 17-1/2" hole to 1,250' with Fresh Water. Run 13-3/8", 54.5#, J-55 esg and cement to surface. Drill 12-1/4" hole to 5,282' with Brine, and run 9-5/8", 40.0#, L-80 csg and cement to surface. Drill 8-3/4" hole to KOP at ~8,864'. Drill a 10°/ 100' curve and a ~4,125' lateral to TD of ~14,040'. Run 5-1/2", 20#, P-110 csg and cement to 4000'

22. Proposed Blowout Prevention Program

Туре	Working Pressure	Test Pressure	Manufacturer
Double Ram	5000	5000	Cameron

OIL CONSERVATION DIVISION		
Approved By:		
Title: Petroleum Engineer		
Approved Date: 10/15/15 Expiration Date: 11/24/2016		
/		
Conditions of Approval Attached		

DC | 2 2 2013