

District I
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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. MAR 11 2016

Santa Fe, NM 87505

RECEIVED

☐ 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 Suite 1000 Midland, TX 79701		² OGRID Number 270329
⁴ Property Code 314082		³ API Number 30-025- 43121
⁵ Property Name Tele Delux 32 State		⁶ Well No. 502H

⁷ Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
C	32	25 S	35 E		300	N	1830	W	LEA

⁸ Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
N	32	25 S	35 E		330	S	2310	W	LEA

⁹ Pool Information

Pool Name WC-025 G-08 42535340, B5	Pool Code 97080
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Additional Well Information

¹¹ Work Type New Well	¹² Well Type Oil	¹³ Cable/Rotary R	¹⁴ Lease Type State	¹⁵ Ground Level Elevation 3280.8'
¹⁶ Multiple N	¹⁷ Proposed Depth 11,047' TVD; 15,472' MD	¹⁸ Formation 2 nd Bone Spring	¹⁹ Contractor NorAm 23	²⁰ Spud Date 10/01/2016
Depth to Ground water: 0-400'		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
Surf	17.5	13.375	54.5	1010	760	Surface
Int1	12.25	9.625	40	5300	1350	Surface
Prod	8.5	5.5	20	15472	1400	4000

Casing/Cement Program: Additional Comments

Plan to drill a 17-1/2" hole to 1010' with Fresh Water. Run 13-3/8", 54.5#, J-55 csg and cement to surface. Drill 12-1/4" hole to 5,300' with Brine, and run 9-5/8", 40.0#, HCL-80 csg and cement to surface. Drill vertical to KOP at 10,474' MD and drill a 10°/ 100' curve and a ~4,400' lateral to TD of ~15,472' MD. Run 5-1/2", 20#, P-110 csg and cement to 4000'.

²² Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	5000	5000	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: *Tinlee Tilton*

Printed name: Ms. Tinlee Tilton

Title: Engineer

E-mail Address: tinlee@enduranceresourcesllc.com

Date: 3/9/2016

Phone: 432-242-4693

OIL CONSERVATION DIVISION

Approved By:

Title: **Petroleum Engineer**

Approved Date: 03/11/16

Expiration Date: 03/11/18

Conditions of Approval Attached

MAR 14 2016

K2