

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

HOBBS OCD

Oil Conservation Division

AMENDED REPORT

SEP 29 2016

1220 South St. Francis Dr.

RECEIVED

Santa Fe, NM 87505

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 40147		³ APN Number 30-025-43437
⁵ Property Name JAGUAR 18 STATE		⁶ Well No. 1H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
D	18	23 S	33 E	1	330	N	660	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
M	18	23 S	33 E	1	330	S	660	W	LEA

9. Pool Information

Pool Name Cruz, Bone Spring	Pool Code 14865
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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 3716'
¹⁶ Multiple N	¹⁷ Proposed Depth 16571'	¹⁸ Formation Bone Spring	¹⁹ Contractor	²⁰ Spud Date 1/1/2017
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

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	54.5	1300	900	Surface
Int	12.25	9.625	40	5250	1125	Surface
Prod	8.75	5.5	20	16571	1900	4000

Casing/Cement Program: Additional Comments

Plan to drill a 17-1/2" hole to 1,300' with Fresh Water. Run 13-3/8", 54.5#, J-55 csg and cement to surface. Drill 12-1/4" hole to 5,250' with Brine, and run 9-5/8", 40.0#, L-80 csg and cement to surface. Drill 8-3/4" hole to KOP at ~11,627'. Drill a 10"/ 100' curve and a ~4,047' lateral to TD of ~16,571'. 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: Tinlee Tilton

Title: Engineer

E-mail Address: tinlee@enduranceresourcesllc.com

Date: 9/27/2016

Phone: 432-242-4693

OIL CONSERVATION DIVISION

Approved By:

[Signature] Petroleum Engineer

Title:

Approved Date: 09/29/16

Expiration Date: 09/29/18

Conditions of Approval Attached