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
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-101
Revised July 18, 2013

HOBBS OCD
☐ AMENDED REPORT
DEC 23 2015
RECEIVED

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

1. Operator Name and Address	2. OGRID Number
ENDURANCE RESOURCES LLC 203 West Wall Suite 1000 Midland, TX 79701	270329
	3. API Number 30-025-42992

4. Property Code	5. Property Name	6. Well No.
315066	Red Raider 25 BKS State	4H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
O	25	24 S	33 E		250	S	1650	E	LEA

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
B	25	24 S	33 E		330	N	1650	E	LEA

9. Pool Information

Pool Name	Pool Code
Red Hills: Bone Spring North	96434

Additional Well Information

11. Work Type	12. Well Type	13. Cable/Rotary	14. Lease Type	15. Ground Level Elevation
New Well	Oil	R	S State	3509
16. Multiple	**17. Proposed Depth**	**18. Formation**	**19. Contractor**	**20. Spud Date**
N	13,850' MD	Bone Spring/Avalon	NorAm 23	02/15/16

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	12.25	9.625	40	1250	460	Surface
Int1	8.75	7	29	9800	750	Surface
Prod	6.125	4.5	13.5	13850	250	8700

Casing/Cement Program: Additional Comments

Plan to drill a 12-1/4" hole to 1250' with Fresh Water. Run 9-5/8", 40#, J-55 csg and cement to surface. Drill 8-3/4" vertical and curve on 10*/100' to 9,800' with oil based mud, and run 7", 29#, HCP-110 csg and cement to surface. Drill a 6-1/8" hole (~4050' lateral) to TD of ~13,850'. Run 4-1/2", 13.5#, HCP-110 csg and cement to 8700'.

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	OIL CONSERVATION DIVISION Approved By:
Printed name: Ms. Tinlee Tilton	Title: Petroleum Engineer
Title: Engineer	Approved Date: 12/31/15 Expiration Date: 12/31/17
E-mail Address: tinlee@enduranceresourcesllc.com	
Date: 12/21/2015 Phone: 432-242-4693	Conditions of Approval Attached ✱

JAN 04 2016

CONDITIONS OF APPROVAL

API #	Operator	Well name & Number
30-025-42991	ENDURANCE RESOURCES LLC	TELECASTER BASS STATE # 002H

Applicable conditions of approval marked with XXXXXX

Administrative Orders Required

Other wells

Drilling

XXXXXXX	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string

Casing

XXXXXXX	SURFACE & INTERNEMIATE(1) CASING - Cement must circulate to surface --
XXXXXXX	PRODUCTION CASING - Cement must tie back into intermediate casing --
	If cement does not circulate to surface, must run temperature survey or other log to determine top of cement
XXXXXXX	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water

Lost Circulation

XXXXXXX	Must notify OCD Hobbs Office if lost circulation is encountered at 575-370-3186

Stage Tool

XXXXXXX	Must notify OCD Hobbs Office prior to running Stage Tool at 575-370-3186
XXXXXXX	If using Stage Tool on Surface casing, Stage Tool must be greater than 350' and a minimum 200 feet above surface shoe.
XXXXXXX	When using a Stage Tool on Intermediate or Production Casing Stage must be a minimum of 50 feet below previous casing shoe.

Pits

XXXXXXX	If using a pit for drilling and completions, must have an approved pit form prior to spudding the well

Completion & Production

XXXXXXX	Will require a directional survey with the C-104