

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

RECEIVED

☒ AMENDED REPORT

MAY 30 2019

DISTRICT II-ARTESIA O.C.D.

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

¹ Operator Name and Address Tamaroa Operating, LLC PO Box 866937, Plano Tx, 75086-6937		² OGRID Number 328666
⁴ Property Code 325485		³ API Number 30-005-64334
⁵ Property Name Hellcat	⁶ Well No. 2H	

⁷ Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
H	25	8S	28E		2310	N	990	E	Chaves

⁸ Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
I	24	8S	28E		2540	S	1314	E	Chaves

⁹ Pool Information

⁹ Pool Name Twin Lake, SA	⁹ Pool Code 61570
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Additional Well Information

¹¹ Work Type N	¹² Well Type O	¹³ Cable/Rotary R	¹⁴ Lease Type P	¹⁵ Ground Level Elevation 3938
¹⁶ Multiple N	¹⁷ Proposed Depth 7085 MD, 2620 TVD	¹⁸ Formation San Andres	¹⁹ Contractor United	²⁰ Spud Date June 15, 2019
Depth to Ground water >100'		Distance from nearest fresh water well >1 mile		Distance to nearest surface water 1 Mile

☒ 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 3/8	48	450	400	Surface
Intermediate	12.25	8 5/8	24	1750	950	Surface
Production	7 7/8	5.5	15.5	7085	850	1500

Casing/Cement Program: Additional Comments

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²² Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram-Annular	5000	1000	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: Printed name: Phelps White Title: Consultant E-mail Address: pwiv@zianet.com Date: 5/30/19 Phone: 575 626 7660	OIL CONSERVATION DIVISION Approved By: Title: Geologist Approved Date: _____ Expiration Date: 5-2-21 Conditions of Approval Attached: Monitor Nearby wellbores during Completion operations.
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COMPANY: Tamaroa Development , LLC.

WELL: Hellcat 2H

COUNTY: Chaves County,N.M.

DATUM: NAD 1927 (NADCON CONUS)



RIG:

GRID CORRECTION: To convert a Magnetic Direction to a Grid Direction, Add 6.91°

GEODETIC ZONE: New Mexico East 3001											
3943 + 20 @ 3963.0usft											
GROUND ELEVATION: 3943.0											
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot					
0.0	0.0	942965.80	590609.30	33° 35' 30.548 N	104° 2' 8.830 W						
PLAN SECTIONS											
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target	
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0		
2	1681.0	0.00	0.00	1681.0	0.0	0.0	0.00	0.00	0.0		
3	2514.3	50.00	327.00	2412.5	286.1	-185.8	6.00	327.00	297.9		
4	2614.3	50.00	327.00	2476.8	350.3	-227.5	0.00	0.00	364.8		
5	3031.2	90.00	0.01	2620.0	716.2	-320.4	12.00	45.30	736.1		
6	7085.0	90.00	0.01	2620.0	4770.0	-320.0	0.00	0.00	4780.7	PBHL HellCat 2H	

SHL: 2310 FNL; 990', FELSection 25-8S-28E

PBHL:2540' FSL; 1314' FEL, Section 24-8S-28E

