

RECEIVED

State of New Mexico
Energy, Minerals and Natural ResourcesForm C-105
Revised April 3, 2017

Submit To Appropriate District Office
Two Copies
District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

MINERAL RIGHTS DIVISION
CIMARRON DISTRICT
1220 South St. Francis Dr.
Santa Fe, NM 87505

1. WELL API NO.
30-005-64334
2. Type of Lease
☐ STATE ☒ FEE ☐ FED/INDIAN
3. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4. Reason for filing:

☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only)☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)

7. Type of Completion:

☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER

8. Name of Operator

Tamaroa Operating, LLC

5. Lease Name or Unit Agreement Name

Helcat

6. Well Number:

2H

10. Address of Operator

PO Box 866937, Plano TX 75086-6937

9. OGRID

328666

11. Pool name or Wildcat

Twin Lake; San Andres

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	H	25	8S	28E		2310	N	990	E	Chaves
BH:	I	24	8S	28E		2486	S	1326.9	E	Chaves

13. Date Spudded 6/13/2019	14. Date T.D. Reached 7/13/2019	15. Date Rig Released 7/19/2019 7/16/19	16. Date Completed (Ready to Produce) 10/23/2019	17. Elevations (DF and RKB, RT, GR, etc.) 3938 GR
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18. Total Measured Depth of Well 7149	19. Plug Back Measured Depth 7149	20. Was Directional Survey Made? Yes - submitted 11/21/19	21. Type Electric and Other Logs Run Dens-Neu, Gr, DLL MGuard
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22. Producing Interval(s), of this completion - Top, Bottom, Name

San Andres; 2900-7135'

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"	94	40	26	50 sx, Circulated	
13 3/8	48	460	17.5	460, Circulated	
8 5/8	32	1615	12.25	750, Circulated	
5 1/2	17	7135	7 7/8	1100, Circulated	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8	2674	

26. Perforation record (interval, size, and number)

2900 to 7135'; 162 - 1/4" holes
18 stages, 54 clusters, 162 holes

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
2900-7135	41,080 gel and 1,924,000 lbs 20/40 sand

28. PRODUCTION

Date First Production 10/23/2019		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping			Well Status (Prod. or Shut-in) Producing		
Date of Test 11/5/2019	Hours Tested 24	Choke Size	Prod'n For Test Period 24	Oil - Bbl 293	Gas - MCF 266	Water - Bbl. 1079	Gas - Oil Ratio 911
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 293	Gas - MCF 266	Water - Bbl. 1079	Oil Gravity - API - (Corr.) 28.4	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Flared

30. Test Witnessed By

Phelps White

31. List Attachments

32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.

33. Rig Release Date: 7/16/2019

34. If an on-site burial was used at the well, report the exact location of the on-site burial:

Latitude

Longitude

NAD83

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature

Printed Name Phelps White

Title Consultant

Date 1/8/2020

E-mail Address pwiv@zianet.com

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen 1563	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres 1974	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from 2900 to 7149
No. 2, from _____ to _____

No. 3, from.....to.....
No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from... None	to.....	feet.....
No. 2, from.....	to.....	feet.....
No. 3, from.....	to.....	feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology
0	1563	1563	Shale, Sand, Salt, Limestone, Anhy
1563	1974	411	Anhydrite, Dolomite
2900	7180	4250	Dolomite