

State of New Mexico
Energy, Minerals and Natural Resources Department

Michelle Lujan Grisham
Governor

Sarah Cottrell Propst
Cabinet Secretary

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Deputy Secretary

Adrienne Sandoval, Division Director
Oil Conservation Division



Notice of C-104 Denial and Request for Information

OCD denies your C-104 – *Request for Allowable and Authorization to Transport* because it is incomplete or conflicts with other information provided to OCD.

The sale or transport of product without a C-104 approved by OCD violates the Oil and Gas Act and the implementing rules, including 19.15.7.15 and 19.15.16.19 NMAC.

To avoid an enforcement action, you must submit the indicated information no later than 30 days after receipt of this notice.

Test Allowable, New Well and Recompleted Well

- C-103 (or BLM equivalent) for all casing strings
 - Spud Notice
 - Surface Casing
 - Intermediate Casing (if applicable)
 - Additional Intermediate Casing (if applicable)
 - Production Casing or Liner
- Applicable Order (NSL, NSP, Other _____)
- Deviation Survey for Vertical Wells
- Directional Survey
 - C-102 (As-Drilled Plat for Horizontal Well)

30-005-64334

C-104 "NW" Completion
Missing

New Well and Recompleted Well Only

- C-103 Completion Sundry (or BLM equivalent)
- C-105 Completion Report (or BLM equivalent)
- All Logs Run on Well

Missing
Amend C-105

If you have any questions please contact the local OCD District Office

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 87401
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

RECEIVED

State of New Mexico
Energy, Minerals and Natural Resources

Form C-105
Revised April 3, 2017

DEC 23 2019

Oil Conservation
DENIED
See Attached Cover Sheet

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

WELL COMPLETION OR RECORD

4. Reason for filing:
 COMPLETION REPORT (Fill in boxes #1 through #32 for completion 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)

5. Lease Name or Unit Agreement Name
Hellcat
6. Well Number:
2H

7. Type of Completion:
 NEW WELL WORKOVER DEEPENING PLUGBACK DIFFERENT RESERVOIR OTHER

8. Name of Operator
Tamaroa Operating, LLC

9. OGRID
328666

10. Address of Operator
PO Box 866937, Plano TX 75086-6937

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** 16. Date Completed (Ready to Produce) **10/28/2019** 17. Elevations (DF and RKB, RT, GR, etc.) **3938 GR**
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**

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	

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

TUBING RECORD

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

PRODUCTION

28. Date First Production 10/28/2019		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
Spec Dens, Den Neutron, Spec GR, Micro G

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 **[Signature]** Printed Name **Phelps White** Title **Consultant** Date **12/19/2019**
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 Oztzte
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. 3, from to
 No. 2, 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	From	To	Thickness In Feet	Lithology
0	1563	1563	Shale, Sand, Salt, Limestone, Anhy				
1563	1974	411	Anhydrite, Dolomite				
2900	7149	4249	Dolomite				