

State of New Mexico  
Energy, Minerals and Natural Resources Department

Michelle Lujan Grisham  
Governor

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Cabinet Secretary

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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)

30-005-64332

C-104 "NW" Completion  
Missing

### New Well and Recompleted Well Only

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

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

Well API NO. 30-005-64332

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)

5. Lease Name or Unit Agreement Name  
**Spitfire**

6. Well Number:  
**5H**

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:	N	2	8S	28E		330	S	1650	W	Chaves
BH:	C	2	8S	28E		112.5	N	1361	W	Chaves

13. Date Spudded: **6/13/2019** 14. Date T.D. Reached: **8/3/2019** 15. Date Rig Released: **8/5/2019** 16. Date Completed (Ready to Produce): **10/25/2019** 17. Elevations (DF and RKB, RT, GR, etc.): **4025 GR**

18. Total Measured Depth of Well: **7010** 19. Plug Back Measured Depth: **7005** 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; 2950-7005'**

**23. 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	454	17.5	475, Circulated	
8 5/8	32	1603	12.25	680, Circulated	
5 1/2	17	7005	7 7/8	1300, Circulated	

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8	2625	

26. Perforation record (interval, size, and number)  
**2900 to 7135'; 162 - 0.40" holes 18 stages, 54 clusters, 162 holes**

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.  
DEPTH INTERVAL: **2900-7005'** AMOUNT AND KIND MATERIAL USED: **41,080 bbls gel and 2,258,120 lbs 20/40 sand**

**28. PRODUCTION**

Date First Production: **11/1/2019** Production Method (*Flowing, gas lift, pumping - Size and type pump*): **Pumping** Well Status (*Prod. or Shut-in*): **Producing**

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
11/5/2019	24		24	340	201	1019	593

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)
			340	201	1019	29.4

29. Disposition of Gas (*Sold, used for fuel, vented, etc.*): **Flared** 30. Test Witnessed By: **Phelps White**

31. List Attachments  
**Spec Dens, Den Neutron, DLL, Micro Guard, GR LOGS UPLOADED**

32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit. 33. Rig Release Date: **8/5/2019**

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: **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. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. Queen 1503	T. Silurian	T. Menefee	T. Madison
T. San Andres 1883	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 2890 ..... to 7010 ..... 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	1503	1503	Shale, Sand, Salt, Limestone, Anhy				
1503	1883	380	Sand, Shale, Anhydrite				
1883	2890	1007	Anhydrite, Dolomite, Limestone				
2890	7010	4120	Dolomite				