

State of New Mexico
Energy, Minerals and Natural Resources Department

Michelle Lujan Grisham
Governor

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Cabinet Secretary

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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

30-005-64332

- ☐ 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)

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 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

RECEIVED State of New Mexico
Energy, Minerals & Natural Resources
Oil Conservation
DEC 26 2018
DISTRICT I-ARTESIA O.G.D.

Form C-105
Revised April 3, 2017

DENIED
See Attached Cover Sheet

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

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

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

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

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	AMOUNT AND KIND MATERIAL USED
2900-7005'	41,080 bbls gel and 2,258,120 lbs 20/40 sand

28. PRODUCTION

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

WELL API NO.
30-005-64332

2. Type of Lease
☐ STATE ☒ FEE ☐ FED/INDIAN

3. State Oil & Gas Lease No.

5. Lease Name or Unit Agreement Name
Spitfire

6. Well Number:
5H

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. Blinehry	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
0	1503	1503	Shale, Sand, Salt, Limestone, Anhy
1503	1883	380	Sand, Shale, Anhydrite
1883	2890	1007	Anhydrite, Dolomite, Limestone
2890	7010	4120	Dolomite