

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

Form C-105
Revised 1-1-89

WELL API NO.
30-025-35949

5. Indicate Type of Lease
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.
N/A

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____
b. Type of Completion:
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER _____

7. Lease Name or Unit Agreement Name
Sapphire

2. Name of Operator
Trilogy Operating, Inc

8. Well No.
2

3. Address of Operator
P.O. Box 7606, Midland, Texas 79708

9. Pool name or Wildcat
Nadine : Drinkard-Abo

4. Well Location
Unit Letter B : 990 Feet From The North Line and 1900 Feet From The East Line
Section 24 Township 19S Range 38E NMPM Lea County

10. Date Spudded 07/24/02 11. Date T.D. Reached 08/08/02 12. Date Compl. (Ready to Prod.) 12/03/02 13. Elevations (DF & RKB, RT, GR, etc.) 3591 GR 14. Elev. Casinghead 3589

15. Total Depth 7750 16. Plug Back T.D. 7720 17. If Multiple Compl. How Many Zones? No 18. Intervals Drilled By Rotary Tools ☒ Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name 6838' - 7072', Drinkard 20. Was Directional Survey Made Yes

21. Type Electric and Other Logs Run Dual Laterolog, Compensated Density-Neutron 22. Was Well Cored No

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24	1692	12 1/4	750 sx class "c"	
5 1/2	17	7750	7 7/8	1550 sx class "c" & "H"	

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET	PACKER SET
				2 7/8	7100	none

26. Perforation record (interval, size, and number)
6838'-6844', 6992'-7004', 7059'-7064', 7067'-7072'
2 spf - total 60 holes 0.41" hole size

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6838'-7072'	Acidize w/ 2500 gals 15% NEFE
	Frac w/ 71,000 gals Borate + 102,000# sand

28. PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
12/03/02		Pumping - 2 1/2" x 1 1/2" x 20' RHBC insert pump				Prod	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
12/13/02	24	N/A		60	102	78	1700
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
N/A	35		60	102	78	34.8	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold - Dynegy Test Witnessed By Donny Money

30. List Attachments
Logs, C-104, Deviation Surveys

31. 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 Michael G. Mooney Printed Name Michael G. Mooney Title Engineer Date 12/17/02

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. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all specific 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 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy _____ 1600.0
T. Salt _____ 1755.0
B. Salt _____ 2900.0
T. Yates _____
T. 7 Rivers _____ 3270.0
T. Queen _____
T. Grayburg _____
T. San Andres _____ 4300.0
T. Glorieta _____ 5520.0
T. Paddock _____
T. Blinebry _____ 5830.0
T. Tubb _____ 6630.0
T. Drinkard _____ 6838.0
T. Abo _____ 7150.0
T. Wolfcamp _____
T. Penn _____
T. Cisco (Bough C) _____

T. Canyon _____
T. Strawn _____
T. Atoka _____
T. Miss _____
T. Devonian _____
T. Silurian _____
T. Montoya _____
T. Simpson _____
T. McKee _____
T. Ellenburger _____
T. Gr. Wash _____
T. Delaware Sand _____
T. Bone Springs _____
T. _____
T. _____
T. _____
T. _____

Northwestern New Mexico

T. Ojo Alamo _____
T. Kirtland-Fruitland _____
T. Pictured Cliffs _____
T. Cliff House _____
T. Menefee _____
T. Point Lookout _____
T. Mancos _____
T. Gallup _____
Base Greenhorn _____
T. Dakota _____
T. Morrison _____
T. Todilto _____
T. Entrada _____
T. Wingate _____
T. Chinle _____
T. Permian _____
T. Penn. "A" _____

T. Penn. "B" _____
T. Penn. "C" _____
T. Penn. "D" _____
T. Leadville _____
T. Madison _____
T. Elbert _____
T. McCracken _____
T. Ignacio Otzte _____
T. Granite _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from 5830 to 7700
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 _____ 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
0.0	1600.0	1600.0	sand & chert				
1601.0	1755.0	154.0	anhydrite				
1756.0	2900.0	1144.0	Salt				
2901.0	3270.0	369.0	Sand, anhydrite				
3271.0	4300.0	1029.0	sand & dolomite				
4301.0	7750.0	3449.0	Dolomite & Limestone				

