

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

Form C-105  
Revised 10-1-78

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	<input checked="" type="checkbox"/>
FILE	<input checked="" type="checkbox"/>
U.S.G.S.	<input checked="" type="checkbox"/>
LAND OFFICE	<input checked="" type="checkbox"/>
OPERATOR	<input checked="" type="checkbox"/>

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. V-616

1a. TYPE OF WELL <b>Bgm</b>	OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>
b. TYPE OF COMPLETION NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>	
2. Name of Operator Rosewood Resources, Inc.	
3. Address of Operator Suite 300, 200 Crescent Court, Dallas, Texas 75201	
4. Location of Well UNIT LETTER <u>L</u> LOCATED <u>1650</u> FEET FROM THE <u>South</u> LINE AND <u>330</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>18</u> TWP. <u>16S</u> RGE. <u>29E</u> NMMPM	

RECEIVED BY  
JUN -4 1987  
O. C. D.

7. Unit Agreement Name
8. Farm or Lease Name Rosewood 18 State
9. Well No.
10. Field and Pool, or Wildcat High Lonesome Queen

15. Date Spudded 3/9/87	16. Date T.D. Reached 3/13/87	17. Date Compl. (Ready to Prod.) 4/12/87	18. Elevations (DF, RKB, RT, GR, etc.) GL 3577	19. Elev. Casinghead
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20. Total Depth 1750	21. Plug Back T.D. 1681	22. If Multiple Compl., How Many NA	23. Intervals Drilled By Rotary Tools <input checked="" type="checkbox"/> Cable Tools <input type="checkbox"/>
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24. Producing Interval(s), of this completion - Top, Bottom, Name 1576-1582, 1584-1589, 1592-1596 - Pennrose Sand	25. Was Directional Survey Made yes
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26. Type Electric and Other Logs Run DLL, MSfL, FDC - CNL - GR	27. Was Well Cored No
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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	443	12-1/4	270 sx 'C' circ to sfc	
5-1/2	17	1733	7-7/8	175 sx Howco Lite & 200 sx 'C' circ to sfc	

LINER RECORD				TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET

31. Perforation Record (Interval, size and number) 1576'-1582' - 7 holes .40' min diameter 1584'-1589' - 6 holes .40' min diameter 1592'-1596' - 5 holes .40' min diameter	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPT. INTERVAL      AMOUNT AND KIND MATERIAL USED 1576-1596      1500 gal 7.5% NEFE Acid 1576-1596      Frac - 19,000 gal X-Link Gell - 30,000 # 20/40 sand & 12,000 # 12/20 sand
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33. PRODUCTION							
Date First Production 5/16/87		Production Method (Flowing, gas lift, pumping - Size and type pump) Pump - American 57 C Pumping Unit				Well Status (Prod. or Shut-in) Prod. <u>SI</u>	
Date of Test 5/25/87	Hours Tested 24	Choke Size	Prod'n. For Test Period →	Oil - Bbl. 2	Gas - MCF 216	Water - Bbl. 2	Gas - Oil Ratio 108,000
Flow Tubing Press.	Casing Pressure 20	Calculated 24-Hour Rate →	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.) 29.8	

34. Disposition of Gas (Sold, used for fuel, vented, etc.) To be sold - negotiating Phillips 66 Nat. Gas Co.	Test Witnessed By
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35. List of Attachments Logs, C-104, Inclination Report, L&M Drilling Inc., Deviation Report
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36. 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.		
SIGNED <u>Daniel P. Brag</u>	TITLE <u>Regulatory Coordinator</u>	DATE <u>5/26/87</u>

# 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 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 30 through 34 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

### Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>590</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers <u>750</u>	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>1332</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg <u>1735</u>	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

### OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____	No. 4, from _____ to _____
No. 2, from _____ to _____	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, 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
No. 4, from _____ to _____	_____ feet

### FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
590	594	4	Yates				
750	829	39	7 Rivers				
1142	1166	24	Bower Sand				
1332	1379	47	Queen				
1570	1600	30	Penrose				
			Grayburg Logges only to the top of the Grayburg				

**NEW MEXICO OIL CONSERVATION COMM. ON  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

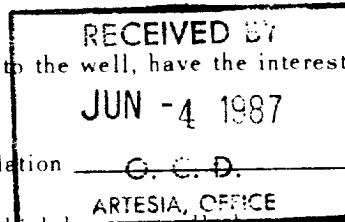
Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section

Operator <b>ROSEWOOD RESOURCES</b>			Lease <b>ROSEWOOD STATE</b>			Well No. <b>1</b>		
Tract Letter <b>1</b>	Section <b>18</b>	Township <b>16S</b>	Range <b>29E</b>	County <b>EDDY</b>				
Actual Footage Location of Well: <b>330</b> feet from the <b>WEST</b> line and <b>1650</b> feet from the <b>SOUTH</b> line								
Ground Level Elev. <b>3577.0</b>	Producing Formation <b>Queen</b>			Pool <b>High Lonesome - Queen</b>			Dedicated Acreage: <b>25.53</b> Acres	

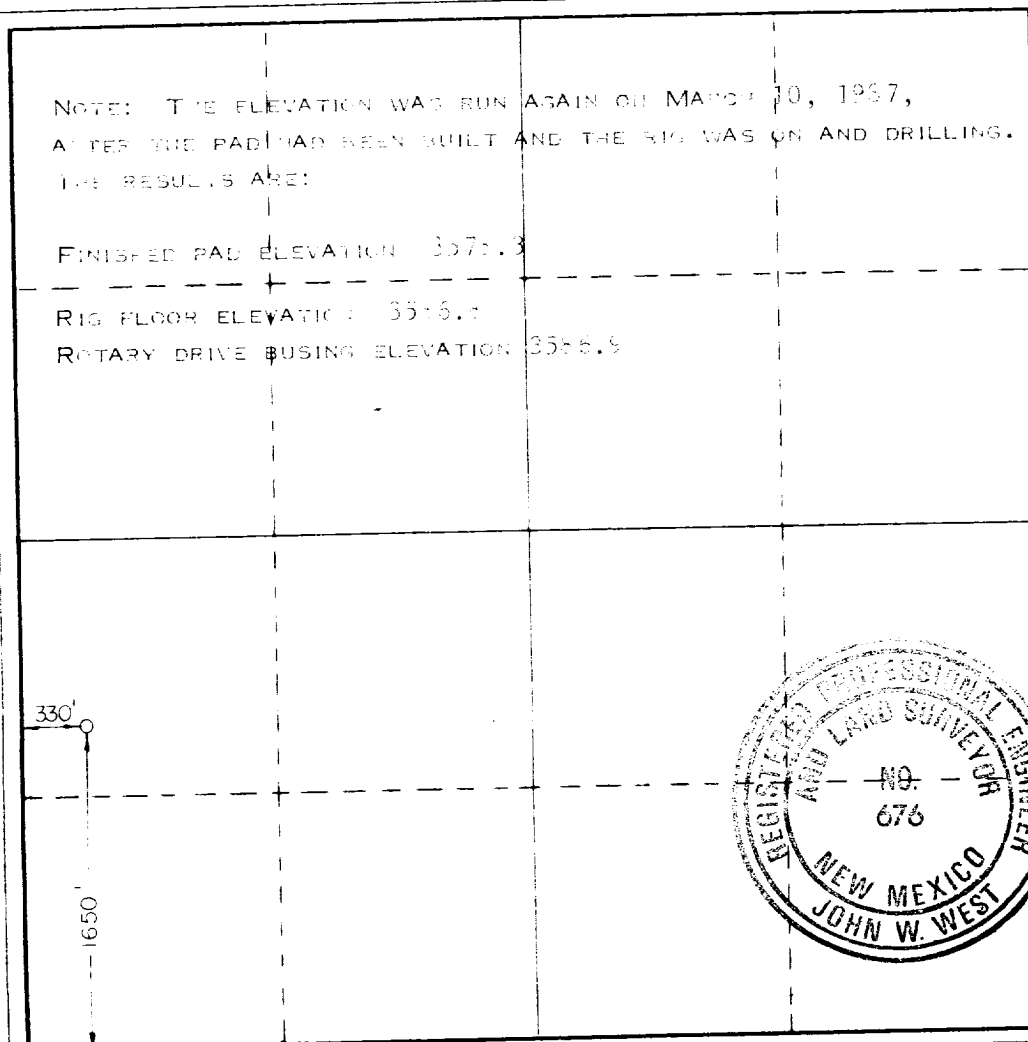
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation G. C. D.



If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



**CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

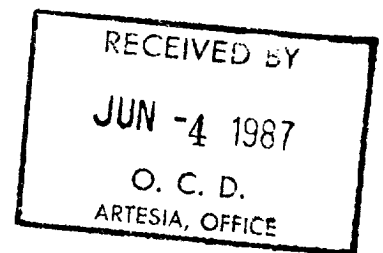
Name
Position
Company
Date

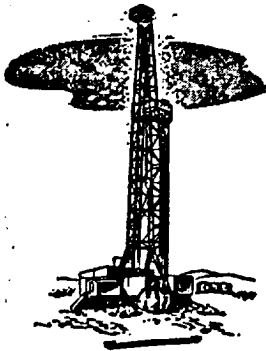
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed <b>JANUARY 30, 1987</b>	
Registered Professional Engineer and/or Land Surveyor <i>John W. West</i>	
Certificate No. <b>JOHN W. WEST, 676</b>	<b>RONALD J. EIDSON, 3239</b>

# INCLINATION REPORT

Measured Depth	Course Length in Hundreds	Angle of Inclination	Displacement Hundred ft	Course Displacement ft	Accumulated Displacement
243	2.43	1/2	.87	2.11	2.11
449	2.06	1/2	.87	1.79	3.9
927	4.78	3/4	1.31	6.26	10.16
1430	5.03	3/4	1.31	6.59	26.75
1750	3.20	3/4	1.31	4.19	20.94





Telephone (505) 748-2205

**L & M DRILLING, INC. — Oil Well Drilling Contractors**

P. O. BOX 828 / ARTESIA, NEW MEXICO 88210  
470

March 20, 1987

Rosewood Resources  
200 Crescent Court  
Suite 300  
Dallas, TX 75201


Re: Rosewood State #1-<sup>18</sup>~~18~~  
1650' FSL & 330' FWL  
Sec. 18, T16S, R29E  
Eddy County, New Mexico

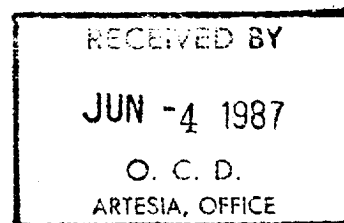
Gentlemen:

The following is a Deviation Survey for the above captioned well.

DEPTH	DEVIATION
243'	1/2°
449'	1/2°
927'	3/4°
1424'	3/4°
1750'	3/4°

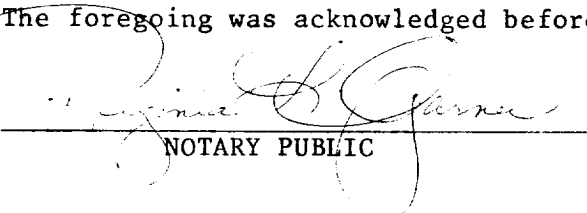
Very truly yours,

  
B. N. Muncy Jr.  
President



STATE OF NEW MEXICO §  
COUNTY OF EDDY §

The foregoing was acknowledged before me this 20th day of March, 1987.

  
NOTARY PUBLIC

