

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

RECEIVED

Form C-105

Revised 10-1-78

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FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

ARTESIA, NEW MEXICO

5a. Indicate Type of Lease
State ☐ Fee ☒

5. State Oil & Gas Lease No.
-

XXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXX

7. Unit Agreement Name
-

8. Farm or Lease Name
Dartmouth

9. Well No.
5

10. Field and Pool, or Wildcat
Unit, Bunker Hill Penrose

XXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXX

12. County
Eddy

1a. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐
b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

2. Name of Operator
Read & Stevens, Inc.

3. Address of Operator
P.O. Box 1518, Roswell, NM 88201

4. Location of Well

UNIT LETTER C LOCATED 660 FEET FROM THE North LINE AND 2310 FEET FROM

THE West LINE OF SEC. 23 TWP. 16S RGE. 31E NMPM

15. Date Spudded 10-10-82 16. Date T.D. Reached 10-18-82 17. Date Comp. (Ready to Prod.) 11-24-82 18. Elevations (DF, RKB, RT, GR, etc.) 4398.6' GR 19. Elev. Casinghead -

20. Total Depth 4210' 21. Plug Back T.D. 4162' 22. If Multiple Compl., How Many - 23. Intervals Drilled By 0-4210' Rotary Tools Cable Tools -

24. Producing Interval(s), of this completion-Top, Bottom, Name
3590'-3608' Penrose

25. Was Directional Survey Made
No

26. Type Electric and Other Logs Run
GR, CNL & FDC

27. Was Well Cored
No

28. 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#	1160'	11"	400sx HLC w/1/4# flocele & 200sx Class "C"	None
				w/2% CaCl & 1/4# flocele	
4 1/2"	10.5#	4210'	7 7/8"	350sx HLW w/2% Halad-4, 6# salt & 3# GII,	
				475sx Class "C" w.2% Halad-9 & 6# salt.	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8"	3602'	-

31. Perforation Record (Interval, size and number)
3590'-3608', 18', 36 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3590'-3608'	1000gal 15% MCA Acid, 17,610 gals glid water & 8120 gals CO ₂ ;
	32,000# 8-12sd.

33. PRODUCTION

Date First Production 11-5-82	Production Method (Flowing, gas lift, pumping-Size and type pump Pumping 2"x1 1/2"x16' RWBC				Well Status (Prod. or Shut-In Producing		
Date of Test 11-11-82	Hours Tested 24	Choke Size -	Prod'n For Test Period	Oil-Bbl. 17	Gas-MCF 150	Water-Bbl. 0	Gas-Oil Ratio 8.8235
Flow Tubing Press. -	Casing Pressure -	Calculated 24-Hour Rate	Oil-Bbl. 17	Gas-MCF 150	Water Bbl. -	Oil Gravity-API (Corr.) -	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)
Sold

Test Witnessed By
Dan Lough

35. List of Attachments
Copy of logs & deviation survey.

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 B. Stobbs TITLE Drilling & Production Manager DATE 11-24-82

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission 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	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen 3312'	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres 4056'	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. Penrose 3544'	T. Chinle	T.
T. Penn.	T. Premier 4010'	T. Permian	T.
T. Cisco(BoughC)	T. Lovington 4154'	T. Penn "A"	T.

OIL OR GAS SAND 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

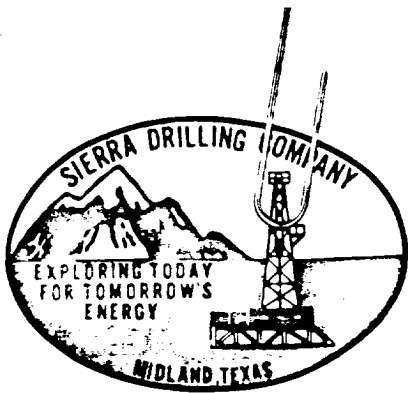
Include data on rate of water inflow and elevation to which water rose in hole.

No.1, from...None.....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
0	1241'	1241'	Redbeds				
1241'	2216'	975'	Salt & Anhy.				
2216'	2400'	184'	Sh, Halite, Dolo & Anhy.				
2400'	3312'	912'	Anhy, Sandstone, Sh & Dolo.				
3312'	3544'	232'	Anhy, Sandstone, & Dolo.				
3544'	4010'	466'	Anhy & Sandstone.				
4010'	4056'	46'	Anhy & Dolo.				
4056'	4154'	98'	Anhy, dolo & sandstone.				

28-16-51



Donald L. Wallace
President

SIERRA DRILLING COMPANY

P. O. Box 2681 Midland, Texas 79702 (915) 563-3477

October 27, 1982

RECEIVED
NOV 2 1982
C. C. FE.
ARTESIAN SERVICE

Read & Stevens, Inc.
P. O. Box 1518
Roswell, NM 88201

Re: Dartmouth No. 5

Gentlemen:

The following is a Deviation Survey of the above referenced well located in Eddy County, New Mexico.

- 895' - 3/4°
- 1160' - 1°
- 1482' - 1°
- 2285' - 1 1/2°
- 2764' - 1 1/4°
- 3267' - 1°
- 3763' - 1 1/4°
- 4210' - 1°

Sincerely,

SIERRA DRILLING COMPANY

Ray Talley
Ray Talley
Controller

STATE OF TEXAS)
COUNTY OF MIDLAND)

The foregoing was acknowledged before me this 27th day of October, 1982.

 Milly Wilson
Notary Public, State of Texas
My Commission Expires 12/23/85

Milly Wilson
Notary Public