

CONFIDENTIAL

Form C-105
Revised 10-1-78

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

36. Indicate Type of Lease	
State ☐	Fee ☒
3. State, Oil & Gas Lease No.	

1. TYPE OF WELL		OIL WELL ☒	GAS WELL ☐	DRY ☐	OTHER _____
2. TYPE OF COMPLETION		NEW WELL ☒	WORK OVER ☐	DEEPEN ☐	PLUG BACK ☐
				DIFF. RESVS. ☐	OTHER _____

7. Unit Agreement Name
8. Farm or Lease Name
N. G. Penrose
9. Well No.
4

2. Name of Operator	
Exxon Corporation Attn: Permits Supervisor	
3. Address of Operator	
P. O. Box 1600, Midland, TX 79702	

10. Field and Pool, or Wildcat
Wantz Granite Wash

4. Location of Well	
UNIT LETTER <u>A</u>	LOCATED <u>350</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM
THE East	LINE OF SEC. <u>13</u> TWP. <u>22S</u> RGE. <u>37E</u>

12. County
Lea

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
8-3-87	8-20-87	9-11-87	KB 3345.1' GR 3332.3'	
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools
7569'	7553'			X

24. Producing Interval(s), of this completion - Top, Bottom, Name	25. Was Directional Survey Made
7397'-7537' Wantz Granite Wash	No

26. Type Electric and Other Logs Run	27. Was Well Cored
DLL-MLL-CAL-GR/BHC-AL-CAL-GR/ ZDN-CNL-CAL-GR	No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	MOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24	1245	12 1/4	550 sx CLC	
5 1/2	20,17,15.5	7561	7 7/8	2200 sx CLC	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8"		7345'

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.								
7397'-7537', 15 shots	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>DEPTH INTERVAL</th><th>AMOUNT AND KIND MATERIAL USED</th></tr> <tr> <td>7397'-7537'</td><td>1221 gal of 15% HCL</td></tr> <tr> <td> </td><td> </td></tr> <tr> <td> </td><td> </td></tr> </table>	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	7397'-7537'	1221 gal of 15% HCL				
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7397'-7537'	1221 gal of 15% HCL								

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
9-11-87		Flowing				Producing	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
9-16-87	24	16/64		260	345	0	1327
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
450						37.5	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
Flare	

35. List of Attachments
Deviation tests, logs, C-104, letter requesting confidentiality of C-105 and logs.

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>David A. Murray</u>	TITLE <u>Permits Supervisor</u>	DATE <u>9-22-87</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 radioactivity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths mentioned shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 10 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

T. Anhy _____ 1142
T. Salt _____ 1272
B. Salt _____ 2402
T. Yates _____ 2685
T. 7 Rivers _____ 2848
T. Queen _____ 3420
T. Grayburg _____ 3720
T. San Andres _____ 3920
T. Glorieta _____ 5100
T. Paddock _____
T. Blinebry _____
T. Tubb _____
T. Drinkard _____
T. Abo _____ 6575
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 _____ 7242
T. Granite _____
T. Delaware Sand _____
T. Bone Springs _____
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 Qzite _____
T. Granite _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ 7243 _____ to _____ 7463 _____
No. 2, from _____ to _____
No. 3, from _____ to _____
No. 4, from _____ to _____
No. 5, 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
1142	1272	130	Rustler: Anhydrite & Salt				
1272	2685	1413	Salado: Salt & Anhydrite				
2685	2848	163	Yates: Anhy., SS, Dolo.				
2848	3420	572	7 Rivers: Dolo, Anhy.				
3420	3720	300	Queen: SS, Dolo, Anhy.				
3720	3920	200	Grayburg: Dolo, Anhy.				
3920	5100	1180	San Andres: Dolo, Anhy.				
5100	5540	440	Glorieta: Dolo, Limestone				
5540	6074	534	Blaine: Dolo, LS				
6074	6315	241	Tubb: Dolo, LS				
6315	6573	258	Drinkard: Dolo, SS				
6573	7243	670	Abo: Dolo, LS				
7243	7463	220	Granite Wash: Dolo, SS				
7463	7571	135+	Pre Cambrian: Granite				

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