

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	<input checked="" type="checkbox"/>
FILE	<input checked="" type="checkbox"/>
U.S.O.S.	<input checked="" type="checkbox"/>
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.

TYPE OF WELL *WPM*

OIL WELL GAS WELL DRY OTHER _____

TYPE OF COMPLETION
NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. RESVR. OTHER _____

JUL 22 1983

O. C. D.
ARTESIA, OFFICE

7. Unit Agreement Name

8. Farm or Lease Name
MERRILL BATTERY #2

9. Well No. 4

Name of Operator
RALPH NIX ✓

Address of Operator
P.O. Box 617, Artesia, New Mexico 88210

Location of Well

10. Field and Pool, or Wildcat
Atoka Glorieta/Yeso

BY LETTER H LOCATED 1980 FEET FROM THE North LINE AND 660 FEET FROM

East LINE OF SEC. 34 TWP. 18S RGE. 26E NMPM

12. County
Eddy

13. Date Spudded 3/18/83 16. Date T.D. Reached 3/30/83 17. Date Compl. (Ready to Prod.) 7/1/83 18. Elevations (DF, RKB, RT, GR, etc.) 3332' GL 19. Elev. Casinghead 3332' GL

20. Total Depth 4055' GL 21. Plug Back T.D. 4041' GL 22. If Multiple Compl., How Many - 23. Intervals Drilled By: Rotary Tools 0-4055' Cable Tools -

24. Producing Interval(s), of this completion - Top, Bottom, Name
3786 to 3830, 3278 to 3624, 2797 to 3131 Glorieta/Yeso

25. Was Directional Survey Made Yes

26. Type Electric and Other Logs Run
Calibrated Gamma Ray-Neutron, Gamma Ray CCL

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#	965' GL	12 1/4"	500 sx 1" 200 sx to	GL
5 1/2"	15.5#	4041' GL	7 7/8"	700 sx circulate	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8"	3405'	

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
	3405'	

31. Perforation Record (Interval, size and number)

Interval	Size	Number
23, .50"		from 3786 to 3830
25, .50"		from 3278 to 3624
25, .50"		from 2797 to 3131

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
2797' to 3131'	100,000 gals gel H ₂ O
	3,000 gals NEFE acid
See attachment	1225 sx 20/40 380 sx 10/2
	various Chem. Additives

33. PRODUCTION

34. Date First Production 7/1/83 Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping 2 1/2" x 2" x 20' RWBC Well Status (Prod. or Shut-in) Producing

35. Date of Test 7/20/83 Hours Tested 24 Choke Size - Prod'n. For Test Period → Oil - Bbl. 80 Gas - MCF 82 Water - Bbl. 420 Gas - Oil Ratio 32

36. Flow Tubing Press. - Casing Pressure - Calculated 24-Hour Rate → Oil - Bbl. 80 Gas - MCF 82 Water - Bbl. 420 Oil Gravity - API (Corr.) 32

37. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold Test Witnessed By Jimmy Davis

38. List of Attachments
Gamma Ray CCL, Calibrated GR & Neutron, Deviation Survey

39. 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 Ralph Nix TITLE _____ DATE 7/21/83

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-filled or deepened well. It shall be accompanied by one copy of all electrical and radioactively 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 quadruplicate except on state land, where six copies are required. (See Rule 1105.)

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Northwestern New Mexico

Southeastern New Mexico

OIL OR GAS SANDS OR ZONES	
T. Any	T. Canyon
T. Salt	T. Strawn
T. Salt	T. Atocha
T. Yates	T. Miss
T. 7 Rivers	T. Devonian
T. Queen	T. Silurian
T. Grayburg	T. Montoya
T. San Andres	T. Simpson
T. Gileta	T. McKee
T. Paddock	T. Ellenburger
T. Dinabry	T. Gr. Wash
T. Tubb	T. Granite
T. Drinkard	T. Delaware Sand
T. Abo	T. Bone Springs
T. Wolfcamp	T. Chinle
T. Penn.	T. Permian
T. Cisco (Dough C)	T. Penn. "A"
T. Ojo Alamo	T. Pictured Cliffs
T. Kirtland-Fruitland	T. Pictured Cliffs
T. Penn. "C"	T. Penn. "D"
T. Penn. "B"	T. Leadville
T. Madison	T. Madison
T. Eibert	T. Eibert
T. McCracken	T. McCracken
T. Ignacio Quartz	T. Ignacio Quartz
T. Base Greenhorn	T. Base Greenhorn
T. Dakota	T. Dakota
T. Montison	T. Montison
T. Todillo	T. Todillo
T. Enrada	T. Enrada
T. Wingate	T. Wingate
T. Chinle	T. Chinle
T. Permian	T. Permian
T. Penn. "A"	T. Penn. "A"

IMPORTANT WATER SANDS	
No. 1, from	to
No. 2, from	to
No. 3, from	to
No. 4, from	to
No. 5, from	to
No. 6, from	to

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

FORMATION RECORD (Attach additional sheets if necessary)	
No. 1, from	to
No. 2, from	to
No. 3, from	to
No. 4, from	to

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	80	80	Gravel anyh				
80	1126	1046	Red sand & red shale				
1126	2714	1588	Dolo & anyh				
2714	3632	918	Sand & dolo.				
3632	3766	134	Sand				
3766	4069	303	Dolo & sand				