

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

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OPERATOR	

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.
L-6278

1a. TYPE OF WELL
OIL WELL GAS WELL DRY OTHER RECEIVED

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

7. Unit Agreement Name

8. Farm or Lease Name
Cherry

2. Name of Operator
Ralph Nix

9. Well No.
1

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

10. Field and Pool, or Wildcat
Diablo - San Andres

4. Location of Well
UNIT LETTER M LOCATED 330 FEET FROM THE South LINE AND 330 FEET FROM

12. County
Chaves

THE West LINE OF SEC. 22 TWP. 10S RGE. 27E NMPM

15. Date Spudded 5/28/81 16. Date T.D. Reached 6/16/81 17. Date Compl. (Ready to Prod.) 7/29/81 18. Elevations (DF, RKB, RT, GR, etc.) 3845' GL 19. Elev. Casinghead

20. Total Depth 2210' 21. Plug Back T.D. 2210' 22. If Multiple Compl., How Many

23. Intervals Drilled By: Rotary Tools 0-2210' Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name
2063'-2126' San Andres

25. Was Directional Survey Made Yes

26. Type Electric and Other Logs Run
Sidewall Neutron, Dual Laterlog, Gamma Ray, Micro Laterlog

27. Was Well Cored Yes

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"	20#	450'	12 1/4"	300 sx. Class C	Circ.
5 1/2"	15.5#	2210'	7 7/8"	15 sx. 75/25 Lite Poz 440 sx. 50/50 Lite Poz	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

31. Perforation Record (Interval, size and number)
18 holes w/3 1/2" Kone guns. 2063', 76, 85, 87, 88, 89, 93, 94, 95, 2107', 11, 12, 13, 19, 20, 21, 24, 26.

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
<u>2063-2126'</u>	<u>3600 gal. 15% MSS Acid & Ball Sealers</u>
<u>2063'-2126'</u>	<u>CO² FRAC, 20,000 gal. Gelle Water, 20,000 gal CO², 5500 pds, 20/40 sand, 20,000# 10-</u>

33. PRODUCTION

Date First Production 7/29/81 Production Method (Flowing, gas lift, pumping - Size and type pump) 20 sand Well Status (Prod. or Shut-in) Producing

Date of Test 8/18 to 8/23/81 Hours Tested 120 Choke Size None Prod'n. For Test Period 13 Off - Bbl. TSTM Gas - MCF 9 Water - Bbl. TSTM Gas - Oil Ratio 24.8

Flow Tubing Press. N/A Casing Pressure N/A Calculated 24-Hour Rate 2.6 Oil - Bbl. TSTM Gas - MCF 1.8 Water - Bbl. 24.8 Oil Gravity - API (Corr.)

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

35. List of Attachments
Deviation Survey, Dual Laterlog, Micro Laterlog, Gamma Ray, Sidewall Neutron

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 Ralph Nix TITLE _____ DATE 9/4/81

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. Anby _____ 195'	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
L. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 308'	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 405'	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 946'	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 1467'	T. Simpson _____	T. Gallup _____	T. Ignacio Qizte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	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 _____ 2063' _____ to _____ 2124' _____	No. 4, from _____ to _____ 1 1/2 bbls. fluid per day.
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
0	195'	195'	Red Sand & Silt				
195'	308'	113'	Anhydrite				
308'	405'	97'	Red Silt Stone				
405'	946'	541'	Salt & Anhydrite				
946'	1467'	521'	Sand, Shale, Anhydrite				
1467'	2210'	743'	Anhydrite, Dolomite				

RECEIVED

DEVIATION STATEMENT

SEP 4 1981

Operator: RALPH NIX

Well Name: Cherry #1

O. C. D.
ARTESIA, OFFICE

<u>Date</u>	<u>Depth</u>	<u>Deviation</u>
6-7-81	450'	1 degree
6-9-81	973'	1 1/4 degrees
6-11-81	1350'	1 1/4 degrees
6-13-81	1900'	1 1/2 degrees
6-13-81	1957'	1/2 degree
6-16-81	2210'	3/4 degree

The information given above is true and complete to the best of my knowledge and belief.

BABER WELL SERVICING COMPANY

By: *G.A. Baber*

STATE OF NEW MEXICO }
 } ss
COUNTY OF LEA

The foregoing instrument was acknowledged before me this 24 day of JUNE 1981, by G. A. Baber

Dorothy Young
Notary Public

My commission expires July 30 19 83