

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG
RECEIVED

APR 5 1977

5a. Indicate Type of Lease
State ☒ Fee ☐5. State Oil & Gas Lease No.
B 105687. Unit Agreement Name
Artesia State Unit8. Farm or Lease Name
Tract No. 99. Well No.
510. Field and Pool, or Wildcat
Artesia12. County
Eddy

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	1
FILE	1
U.S.G.S.	2
LAND OFFICE	1
OPERATOR	

1a. TYPE OF WELL

OIL WELL ☒GAS WELL ☐ **O.C.C.**

OTHER

b. TYPE OF COMPLETION

NEW WELL ☒WORK OVER ☐DEEPEN ☐PLUG BACK ☐DIFF. RESVR. ☐

OTHER

2. Name of Operator

Anadarko Production Company

3. Address of Operator

P. O. Box 67, Loco Hills, New Mexico 88255

4. Location of Well

UNIT LETTER **A** LOCATED **1270** FEET FROM THE **North** LINE AND **50** FEET FROMTHE **East** LINE OF SEC. **23** TWP. **18S** RGE. **27E** NMPM

15. Date Spudded

1-30-77

16. Date T.D. Reached

2-4-77

17. Date Compl. (Ready to Prod.)

3-17-77

18. Elevations (DF, RAB, RT, GR, etc.)

3561.2 GL

19. Elev. Casinghead

Same

20. Total Depth

2040'

21. Plug Back T.D.

2038'

22. If Multiple Compl., How Many

23. Intervals Drilled By

Rotary Tools

Cable Tools

X

24. Producing Interval(s), of this completion - Top, Bottom, Name

Loco Hills: 1822-1842; Metex: 1904-2024

25. Was Directional Survey Made

Yes

26. Type Electric and Other Logs Run

Gamma Ray/Compensated Neutron & Collar Log

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"	22.36#	307' KB	12 1/4"	150 sx + 4 yds Redimix	None
4 1/2"	10.5#	2040' KB	7 7/8"	700 sx (see C-103)	none

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8"	SN @ 2015'	

30. TUBING RECORD

31. Perforation Record (Interval, size and number)

Loco Hills: 1822-42 @ 2 SPF
Metex: 1904-08, 1916-20, 1947-51, 1959-65,
1976-80, 2002-12 & 2020-24 @ 2 SPF

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
1822-2024	Acidized w/39 bbls 15%NE Acid
1822-2024	Fraced w/1000 gals 15%Acid,
	69,500 gals gelled wtr, 22,000
	100 M sd, 42,500#20/40 sd,
	12,000#10/20sd & 200#Gypban

33. PRODUCTION

Date First Production 3-28-77		Production Method (Flowing, gas lift, pumping – Size and type pump) Pumping -(Pumped water only 3-17 thru 3-27)				Well Status (Prod. or Shut-in) Producing	
Date of Test 4-1-77	Hours Tested 24	Choke Size None	Prod'n. For Test Period →	Oil – Bbl. 10	Gas – MCF TSTM	Water – Bbl. 37	Gas – Oil Ratio None
Flow Tubing Press. 20#	Casing Pressure 20#	Calculated 24- Hour Rate →	Oil – Bbl. 10	Gas – MCF TSTM	Water – Bbl. 37	Oil Gravity – API (Corr.) 36	

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

TSTM

Test Witnessed By

35. List of Attachments

Have already sent 2 copies each of Log and 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.

Original signed by
Jerry E. Buckles

SIGNED

TITLE **Area Supervisor**

DATE

April 4, 1977

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 1155.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy _____
T. Salt _____
B. Salt _____
T. Yates 180'
T. 7 Rivers 570'
T. Queen 1220'
T. Grayburg 1650'
T. San Andres _____
T. Glorieta _____
T. Paddock _____
T. Blinbry _____
T. Tubb _____
T. Drinkard _____
T. Abo _____
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 _____
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 Qtzite _____
T. Granite _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from 1060' to 1070'
No. 2, from 1570' to 1600'
No. 3, from 1820' to 1840'
No. 4, from 1900' to 2030'
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 0' to 650' feet. No inflow
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	180	180	Redbed				
180	570	390	Sand				
570	1220	650	Anhydrite				
1220	1650	430	Anhydrite & Sand				
1650	2040	390	Sand & Lime				

RECEIVED

MAR 24 1977

O. C. C.
ARTESIA, OFFICE

L O DRILLING COMPANY

P. O. Box 709
ARTESIA, NEW MEXICO 88210

PHONE: 505-748-2938

Artesia State Unit #9-5
DEVIATION SURVEY

312'	1½
810'	1
1320'	¾
1800'	¾
2040'	¾

TOOL PUSHER: FRED COGBURN

Fred R. Cogburn

L. O. DRILLING COMPANY
L. L. LIVEOAK

L. L. Liveoak

STATE OF NEW MEXICO
COUNTY:

SUBSCRIBED AND SWORN BEFORE ME THIS 10th DAY OF Feb., 77.

Nanda Lopez
NOTARY PUBLIC

2-19-79
MY COMMISSION EXPIRES

RECEIVED
NEW MEXICO OIL CONSERVATION COMMISSION

FEB 24 1977

O. C. C.
ARTESIA, OFFICE

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. B 10568
7. Unit Agreement Name Artesia State Unit
8. Farm or Lease Name Tract No. 9
9. Well No. 1 5
10. Field and Pool, or Wildcat Artesia
12. County Eddy

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO FILL OR TO PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT TO DRILL" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>
2. Name of Operator Anadarko Production Company
3. Address of Operator P. O. Box 67, Loco Hills, New Mexico 88255
4. Location of Well UNIT LETTER <u>A</u> <u>1270</u> FEET FROM THE <u>North</u> LINE AND <u>50</u> FEET FROM THE <u>East</u> LINE, SECTION <u>23</u> TOWNSHIP <u>18-S</u> RANGE <u>27-E</u> NMPM.
15. Elevation (Show whether DF, RT, GR, etc.) 3561.2 GL

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input checked="" type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	OTHER <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Spudded 12 1/4" hole 12:30 PM 1-30-77, lost circ. @ 240'. Drilled to 312', set 8 5/8" csg @ 307' KB & cemented w/150 sx Class H w/2% CaCL. Cement did not circulate, dumped 4 yds. redimix cement down backside csg. WOC 12 hours.

Drilled to TD - 2040', set 4 1/2" csg w/float shoe @ 2040' & cemented w/100 sx Halliburton Econolite, 500 sx Class C w/50-50 pozmix, 5# salt, .5 of 1% CFR-2 /sx and 100 sc Class C w/.3 of 1% CFR-2, 5# Salt and 5# sand/sx. Circulated 100 sx to pit. WOC 96 hours.

Ran Gamma Ray/Compensated Neutron & Collar Log.
Acidized all perfs with a total 39 bbls 15% NE Acid, 250# Benzoic Acid and flushed with 200 bbls fresh water.
Frac'd all perfs with a total of 1000 gals 15% acid, 69,500 gals gelled water, 22,000# 100 mesh sand, 42,500# 20/40 sand, 12,000# 10/20 sand & 200# Gypban.

Well presently flowing load water following frac job.

Will file C-105 and other necessary forms following well test.

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

Original Signed by
Jerry E. Buckles

TITLE Area Supervisor

DATE Feb. 23, 1977

APPROVED BY For Record Only

TITLE SUPERVISOR, DISTRICT II

DATE FEB 25 1977

CONDITIONS OF APPROVAL, IF ANY:

Minimum WOC time 18 hrs.