

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesian, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

RECEIVED
APR 12 1996

Form C-105
Revised 1-1-89

WELL LOG NO.
04525671

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Armenta Gas Com C

8. Well No.

1A

9. Pool name or Wildcat

Blanco Mesaverde

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐

b. Type of Completion:

NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☒ OTHER ☐ Recompletion

2. Name of Operator

Amoco Production Company

Attention

Gail M. Jefferson, Rm 1295C

3. Address of Operator

P.O. Box 800 Denver Colorado 80201 (303) 830-6157

4. Well Location

Unit Letter H : 2120 Feet From The North Line and 835 Feet From The East Line

Section 27 Township 29N Range 10W

San Juan

County

10. Date Spudded

5/31/83

11. Date T.D. Reached

6/7/83

12. Date Compl. (Ready to Prod.)

4/3/96

13. Elevations (DF & RKB, RT, GR, etc.)

5521' GL

14. Elev. Casinghead

5508 GL

15. Total Depth

5925'

16. Plug Back T.D.

5275'

17. If Multiple Compl. How

Many Zones?

18. Intervals

Drilled By

Rotary Tools

Yes

Cable Tools

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

Blanco Mesaverde 3778'-4447'

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

CBL Q-5140' Tracer 3778'-4447'

22. Was Well Cored

No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
11-3/4"	42# - H 40	298'	14-3/4"	540 cu. ft. Cl B w/2%	CaCl2 circ to
5-1/2"	15.5# - K55	5924'		surface. (Stg 1) 693 cu. ft. Cl B	
				50/50 Poz. Tailed w/177 cu. ft. Cl B	
				Stg 2) 1478 cu. ft. Cl B 65/35 Poz.	
				Tailed w/113 cu. ft. Cl B	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
		None		

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2.375"	4166'	

26. Perforation record (interval, size, and number)

3778'-4447' w/1jspf, .875 inch diameter,
total 40 shots fired.

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

DEPTH INTERVAL

3778'-4447'

AMOUNT AND KIND MATERIAL USED
with 1,787,938 scf of N2 to
create a 70% quality foam
along with 49,340# of 16/30

Arizona Sand.

28.

PRODUCTION

Date First Production

4/3/96

Production Method (Flowing, gas lift, pumping - Size and type pump)
Flowing

Well Status (Prod. or Shut-In)
Shut-in

Date of Test

4/3/96

Hours Tested

3 hrs

Choke Size

48/64"

Prod'n For

Test Period

Oil - Bbl.

Trace

Gas - MCF

2000

Water - Bbl.

1

Gas - Oil Ratio

Flow Tubing Press.

140#

Casing Pressure

340#

Calculated 24-

Hour Rate

Oil - Bbl.

Gas - MCF

Water - Bbl.

Oil Gravity - API - (Corr.)

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

To Be Sold

Test Witnessed By

30. List Attachments

31. 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

Signature

Gail M. Jefferson

Printed
Name

Gail M. Jefferson

Title

Sr. Admin. St. Asst.

Date

4/11/96

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 25 through 29 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 _____
 T. Salt _____
 B. Salt _____
 T. Yates _____
 T. 7 Rivers _____
 T. Queen _____
 T. Grayburg _____
 T. San Andres _____
 T. Glorieta _____
 T. Paddock _____
 T. Blinebry _____
 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. Delaware Sand _____
 T. Bone Springs _____
 T. _____
 T. _____
 T. _____

Northwestern New Mexico

T. Ojo Alamo 676
 T. Kirtland-Fruitland 1360
 T. Pictured Cliffs 1814
 T. Cliff House 3380
 T. Menefee 3495
 T. Point Lookout 4110
 T. Mancos 4545
 T. Gallup 5322
 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 Otzte
 T. Granite
 T.
 T.
 T.
 T.
 T.
 T.
 T.

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....
 No. 2, from.....to.....
 No. 3, from.....to.....
 No. 4, 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.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
676	792	116	Ojo Alamo				
1360	1814	454	Fruitland				
1814	1895	81	Pictured Cliffs				
2450	3180	680	Chacra				
3380	3495	115	Cliffhouse				
3495	4110	615	Menefee				
4110	4545	435	Pt. Lookout				
5322	-	-	Gallup				

Armenta Gas Com C 1A - Subsequent - Repair

MIRUSU 3/25/96. SITP 0#, SICP 420#. Blow well down. Pull 72 7/8" rods and 150 3/4" rods. Rig up to pull tubing. TOH w/174 jts 2 7/8" tbg. Set a cement retainer at 5275'. Load casing with 85 bbls wtr. Test tubing to 1500#. Held okay.

Squeeze from 5142'-5786' w/50 sxs Class B cement. Left 100' inside casing on top of retainer.

TIH w/CBL, tagged cement @ 5142'. Log with 500# on casing from 5140' to surface. RD CBL, pressure test casing to 2500#. Held okay.

Perforated at 3778'-4447' with 1 jspf, .875 inch diameter, total 40 shots fired. Set RTTS @ 3720'. RU HES ball off 4bpm @ 3200#. RDHES, release packer. TOH RU isolation tool. RU HES to frac.

Frac'd from 3778'-4447' with 1,787,938 scf of N2 to create a 70% quality foam along with 49,340# of 16/30 Arizona Sand.

RU HES, RU flow line. Tested well without tubing for 24 hrs on 48/64" choke, recovered 15 barrels water, 0 gas and 0 oil.

TIH w/sawtooth collar and bit. Tag fill @ 4832'. Unload hole w/air from 4832'-5100'. Pumped 5 bbls, clean sweep bleed off.

Ran tracer log from 3778'-4950'. Tagged @ 4950'. Pick up and land tbg at 4166'

Tested well for 3 hrs on 48/64" choke, recovered 1 bbl water, trace of oil and 2000 mcf.

RDMOSU 4/3/96