

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

(See other in-
structions on
reverse side)

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.
NM-03380

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 ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☒ OTHER ☒ Recompletion

2. NAME OF OPERATOR
Amoco Production Company Gail M. Jefferson, Rm 1295C

3. ADDRESS AND TELEPHONE NO.
P.O. Box 800, Denver, Colorado 80201 (303) 830-6157

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1135' FSL 1850 FEL UNIT 0

At top prod. interval reported below

At total depth

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
Florance #67

9. API WELL NO.
3004511822

10. FIELD AND POOL, OR WILDCAT

Blanco Mesaverde

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Section 19
Township 27N Range 8W

12. COUNTY OR PARISH
San Juan

13. STATE
New Mexico

15. DATE SPUDDED 9/2/66 16. DATE T.D. REACHED 9/14/66 17. DATE COMPL. (Ready to prod.) 8/25/95 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6078' GR 19. ELEV. CASINGHEAD 6078'

20. TOTAL DEPTH, MD & TVD 6777' 21. PLUG, BACK T.D. MD & TVD 6748' 22. IF MULTIPLE COMPL., HOW MANY* 3 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* Blanco Mesaverde 4380'-4692' 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN CBL, CCL and GR 13'-5,190' 27. WAS WELL CORED No

28. CASING RECORD (Report all strings set in well)

| CASING SIZE/GRADE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | TOP OF CEMENT, CEMENTING RECORD | AMOUNT PULLED |
|-------------------|-----------------|----------------|-----------|---------------------------------|---------------|
| 8-5/8" | 24# | 225' 446 | 12-1/4" | 225 sxs | |
| 4-1/2" | 10.5 & 11.6# | 6776' | 7-7/8" | 300 sxs 1st stage | |
| | | | | 241 sxs 2nd stage | |
| | | | | 450 sxs 3rd stage | |

| 29. LINER RECORD | | | | 30. TUBING RECORD | | | |
|------------------|----------|-------------|---------------|-------------------|--------|----------------|-----------------|
| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) |
| None | | | | | 2-3/8" | 6659' | |

| 31. PERFORATION RECORD (Interval, size and number) | | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. | |
|--|--|--|----------------------------------|
| See Attached | | DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
| | | See Attached | SFF |
| | | | |
| | | | |

33.* PRODUCTION
DATE FIRST PRODUCTION 8/11/95 PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing WELL STATUS (Producing or shut-in) SHUT IN

DATE OF TEST 8/11/95 HOURS TESTED 8 hrs CHOKE SIZE 16/64" PROD'N FOR TEST PERIOD OIL - BBL. Trace GAS - MCF. 900 mcf WATER - BBL. 22 bbls GAS-OIL RATIO

None flowed thru casing FLOW TUBING PRESS. CASING PRESSURE 460# CALCULATED 24-HOUR RATE OIL - BBL. GAS - MCF. WATER - BBL. OIL GRAVITY - API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To Be Sold TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Gail M. Jefferson TITLE Sr. Admin. Staff Asst. DATE 09-05-1995

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Florance 67 - Recompletion - Subsequent

MIRUSU 8/3/95

TOH w/ 2.375" tbg. TIH w/RBP and set @ 5190'. Fill up hole w/75 bbls of wtr. Pressure test to 1000#. Ok. Dumped 1 sack of sand on top of plug. TOH w/ret head. TIH w/tension pkr to find leak, got pkr stuck for 2 hrs, worked loose, TOH. TIH w/scrapper to 4746'.

TIH w/rts pkr to isolate leak @ 3570', est. inj. rate 1/2 bpm @ 1000#. Set pkr @ 3111', pressure tst backside to 500#. Held ok.

Cmt squeeze from 3367-3570' with 115 sacks Class B cmt. Average rate 1.0 bpm, max rate 2.0 bpm. Tst'd casing to 500# for 10 mins. Held ok.

TIH to 5106' & displaced 75 bbls of clayfix water. TOH w/bit and collars.

Ran CBL, CCL and GR from 13'-5190'.

TIH and set pkr @ 4205', pressure tst to 500#. Held ok.

Perf'd: 4380', 4390', 4400', 4415', 4430', 4436', 4450', 4460', 4488', 4508', 4520', 4555', 4682' w/1 jspf, .340 inch diameter, 12.5 grams, 180 degree phasing, total 14 shots fired.

Frac'd from 4380'-4692' w/894 bbls 70 quality foam & 159,017# 16/30 sand, 1,109,996 scf N2. Max PSI: 6440#, Max Rate 31.0 bpm. ISIP 4631#.

Set RBP @ 3354', fill uphole w/54 bbls water and pressure test to 500#. Tst'd ok. Dumped 1 sack of sand on top of plug. TOH w/ret head.

Perf'd @ 290' w/2 jspf, .340 inch diameter, 180 degree phasing, 12.5 grams total 2 shots fired.

Cmt'd from 13' to 290' with 70 sacks Class B cmt. Avg. rate 3.0 bpm, max rate 3.0 bpm.

Plug back interval 184'-296'. Used 2 bbls, 8 sacks of ideal Class B cmt w/2% super CBL & 5% Calseal.

After drilling out TIH to 3350' w/pkr and circ 45 bbls of clean clayfix wtr.

Tst'd casing to 500#. Held ok.

Perf'd: 3003', 3025', 3049', 3055', 3072', 3077' 3193', 3207', 3209' w/1jspf, .340 inch diameter, 12.5 grams. Total 9 shots fired. Balled off perms and ran frac liner down to 446'.

Frac'd from 3003-3209' w/254 bbls 70 quality foam and 85,100# 16/30 sand 1,105,788 scf N2. Max PSI 3040#, Max Rate 24.0 bpm.

Due to surface leak before the frac valve had to SI at wellhead. After 4 hrs SI SICP 1550#, after 1 hr from casing pressure 1200#. Continue to flow on 1/4" choke for 8 hrs. Gasing no water.

Cleaned out from 4493'-5190'. RU air to break circ, pressure up to 2000#. TOH one jt. plugged w/sand above float string.

Clean out from 6695-6748'. SICP 700#. Blew well down. TIH w/tbg to 6495 and opened well on 1/2" choke. Flowing pressure 140#, casing pressure 350#.

Reperf'd: 4375-4402', 4410-4416', 4426-4440', 4448-4468', 4485-4490', 4500-4506', 4515-4525', 4552-4556 w/2 jspf, .340 inch diamter, 180 degree phasing. 12.5 grams, Total 200 shots fired.

Flowed MV and Chacra (3003-4692') for 24 hrs on 32/64" choke, tbg pressure 170#, casing pressure 400#. Recovered 0 bbls wtr, trace oil, 1200 mcf.

SITP 400#, SICP 400#. Land 2-3/8" tbg @ 6659'.

RDMOSU 8/25/95.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME | TOP | |
|-----------------|-------|--------|-----------------------------|-----------------|-------------|------------------|
| | | | | | MEAS. DEPTH | TRUE VERT. DEPTH |
| Pictured Cliffs | 2095' | 2115' | Sand (Gas Dry) | Pictured Cliffs | 2062' | |
| Mesaverde | 4375' | 4445' | Sand-Shale (Gas) | Mesaverde | 3770' | |
| Dakota | 6450' | 6720' | Sand-Shale (Gas) | Mancos | 4560' | |
| | | | | Callup | 5555' | |
| | | | | Greenhorn | 6347' | |
| | | | | Dakota | 6450' | |

38. GEOLOGIC MARKERS