

Form 3160-4
(October 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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BLM MAIL ROOM
36 FEB - 8 AM 10:39

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

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. RESVII. ☐ OTHER ☐

2. NAME OF OPERATOR

Amoco Production Company

Attention:

Patty Haeefe

3. ADDRESS AND TELEPHONE NO.

P.O. Box 800, Denver, Colorado 80201

(303) 830-4988

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1880' FNL 1780' FWL

UNIT G

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

15. DATE SPUDDED

7/1/95

16. DATE T.D. REACHED

8/12/95

17. DATE COMPL. (Ready to prod.)

1/9/96

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

6715' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

7513'

21. PLUG, BACK T.D., MD & TVD

5141'

22. IF MULTIPLE COMPL., HOW MANY*

2

23. INTERVALS DRILLED BY

ROTARY TOOLS

YES

CABLE TOOLS

NO

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*

Mesaverde: 5080-5178'

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR SP CAL HRI SDL DSN ML CCL

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
13.375" K-55	54.5#	55'	17.5"	45 sx Class B	
9.625" K-55	36#	3117'	12.25"	650 sx C1 B, tail w/200 sx C1 B	
2.875" N-80	6.5#	5570'	7.875"	905 sx Class B,	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					na	na	

31. PERFORATION RECORD (Interval, Depth, and number)

See attachment

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OIL CON. DIV.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
See attachment	SWF

33.* DIST. 3 PRODUCTION

DATE FIRST PRODUCTION 11/29/95		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Temp Abandoned	
DATE OF TEST 12/5/95	HOURS TESTED 24	CHOKE SIZE 16/64	PROD'N FOR TEST PERIOD →	OIL - BBL. 0	GAS - MCF. 35	WATER - BBL. 0	GAS-OIL RATIO
FLOW TUBING PRESS	CASING PRESSURE 10	CALCULATED 24-HOUR RATE →	OIL - BBL. 0	GAS - MCF. 35	WATER - BBL. 0	PROD'N - API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

To be sold

35. LIST OF ATTACHMENTS

Perf & frac page

Note: Mesaverde is also known as Florance D ES 4R

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

SIGNED

Patty Haeefe

TITLE

Staff Assistant

DATE 2/6/96

* (See Instructions and Spaces for A-511 and D-511 on Reverse Side)

ACCEPTED FOR RECORD
FEB 09 1996
PARKINGTON DISTRICT OFFICE

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

38.

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Cliffhouse	4360'	
				Menefee	4442'	
				Point Lookout	5080'	
				Mancos	5484'	

Florance 62E**3003929273****Sec. 20-T27N-R8W**

Commence work 11/5/95. Tag MV short string 5454'. Pressure test Mesaverde short string to 8500 psi, held. Run CCL from 4360-5440'. Perforated Mesaverde: 5080-5090, 5091-5101, 5102-5112, 5113-5123, 5124-5130, 5140-5150, 5156-5166, 5168-5178 with 1 JSPF, 84 total shots, .290" diameter, 2" gun. Frac 5080-5178' with 148,940 lbs 16/30 Arizona sand; 1,045,081 scf, 70% quality, avg pressure 5000 psi, avg rate 13.4 bpm.

Tag Dakota long string 7429'. Pressure test Dakota long string to 8500 psi, held. Run CCL from 6980-7419'. Perforated Dakota: 7225, 7232, 7290, 7292, 7294, 7297, 7300, 7303, 7306, 7327 with 1 JSPF, 10 total shots, .290" diameter, 2" gun, 120 deg phasing. Displace 7225-7327' with 48 bbls filtered fresh water, max pressure 7500 psi, 6.4 bpm. Frac 7225-7327' with 98,956 lbs 20/40 Brady sand, 981,251 scf, 70% quality, avg pressure 5600 psi, avg rate 7 bpm.

Set plug at 350' in Mesaverde and Dakota and changed out frac valves and put on flow back valves and pulled plug on both casing strings. Flow well. Hit bridge at 4927', tagged fill 5076', washed down to 5220', tubing was dragging in perfs (2x-3x str wtg), but free above perfs. Cleanout 3100-5200'. Started flowing. Both sides are flowing to same tank. Mesaverde died. Cleanout 7217-7450'. Shut in well to re-perf Dakota zone. Tagged fill around 5180' and pulled tubing up hole to check weights and tubing started hanging up, worked tubing and pulled tubing apart and left 5046' of 1.25" tubing in hole. Cleanout 5180-5183'. Re-perforated Dakota 7222-7234', 7286-7308', 7324-7338' with 2 JSPF, 80 total shots, .290" diameter, 2" gun, 120 deg phasing. Fishing. Pressure bomb at 7449', TP 1419 psi, BHP 1809 psi. Stuck 1.25" coil tubing in Mesaverde side - top of fish is at 1090'. We will produce the Dakota through the 2-7/8" casing. Work completed 1/9/96.

Note: No tubing was run in the Dakota side - eventually we plan to shoot through Dakota and produce Mesaverde in the Dakota string to downhole commingle this well.

This well has two names:

Florance 62E for the Dakota

Florance D LS 4R for the Mesaverde