

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

(See other instructions on reverse side)

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 ☐ 57 AUG - 7 PM 1:12
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☒ OTHER Recompletion
070 FARMINGTON, NM

2. NAME OF OPERATOR
AMOCO PRODUCTION COMPANY

3. ADDRESS AND TELEPHONE NO.
P.O. BOX 800 DENVER, CO. 8020 303-830-5217

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 910' FSL 960' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED

15. DATE SPUDDED 10/14/1983 16. DATE T.D. REACHED 06/21/1983 17. DATE COMPL. (Ready to prod.) 07/03/1997 18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 6319' 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 7560 21. PLUG, BACK T.D., MD & TVD 5440' CIBP 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY ROTARY TOOLS YES CABLE TOOLS NO

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

Blanco Mesaverde 4642'-5333'

25. WAS DIRECTIONAL SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

CBL, CCL, GR

27. WAS WELL CORED
N

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
9 5/8"	38#	301'	12 1/4"	225 sx CI-B w/ 2% CaC12	
7"	3850'	3650'	8 3/4"	1st stg 25sx 65/35 lite, tail w/184 sx CI-B W/2% CaC12	
				2nd stg 249 sx 65/35 lite, tail w/50 sx CI-B w/2% CaC12	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2"	3500'	7560'	245 sx 65/35		2 3/8"	5220'	3117'
		tail w/150 sx CI-B			2 3/8"	2885'	

PERFORATION RECORD (Interval, size, and number)

4642'-4895' 1 jsf .340 14 shots
4983'-5333' 1 jsf .370 15 shots

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4642' 5333'	24 bbls 7.50% HCL
4983' 5333'	1,186 bbls 70%, 170,000# 18/30sand 109,611 scf nitrogen

33.* DIST. 3 PRODUCTION

DATE FIRST PRODUCTION 07/03/1997		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) FLOWING				WELL STATUS (Producing or shut-in) Shut-In	
DATE OF TEST 07/03/1997	HOURS TESTED 85	CHOKE SIZE 3/4"	PROD'N FOR TEST PERIOD Trace	OIL - BBL. Trace	GAS - MCF. TSTM	WATER - BBL. 234	GAS-OIL RATIO
FLOW TUBING PRESS 68#	CASING PRESSURE 0	CALCULATED 24-HOUR RATE Trace	OIL - BBL. Trace	GAS - MCF. TSTM	WATER - BBL.	OIL GRAVITY - API (CORR.)	

ACCEPTED FOR RECORD

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

35. LIST OF ATTACHMENTS
Perf and Frac

AUG 25 1997

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

SIGNED

Pat Archuleta

TITLE

Staff Assistant

DATE

08-04-1997

*(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.

AMOCO

FARMINGTON DISTRICT OFFICE

3004525564

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, cored intervals, and all drill-stem, test-, including 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
				Fruitland	2802'	
				Picture Cliffs	3014'	
				Dakota	7288'	

Florance T 123M

API# 3004525564

MIRUSU 6/19/97.

TIH pull 1/d 2 3/8" tbg - mill up pkr at 3110', pressure test to 1500#, held okay. TIH w/bit, lost cone of bit toh w/bit, tih w/blade mill and collars milled from 7462'-7501' toh w/mill and collars.

Tih w/new mill and collars, milled from 7501'-7511', could not clean out to plugback due to hard object on bottom, new plugback 7511'.

Set CIBP at 5440' to temporarily abandon Dakota waiting for commingle approval, tih w/pkr and pressure test plug to 1000#, held okay and toh w/pkr.

Test liner to 2500# for 30 min, held okay. Ran CBL, CCL & GR from 3450'-5440', toc at 3970'.

Perf'd Point Lookout and Menefee at 4983', 4992', 5193', 5197', 5201', 5205', 5210', 5215', 5220', 5230', 5240', 5242', 5263', 5296', 5333' w/1 jspf, .370 inch diameter, total 15 shots fired. Tih w/pkr and set at 3400'.

Set pkr at 4876' and pumped 500 gals of 15% HCL acid and 25 Ball sealers. Balloff formation, toh w/tbg & pkr. Tih picking up 3.5 frac sting, set pkr at 3549'.

Frac'd from 4983'-5333' w/676 bbls water and 109,611 scf of N2 to create a 70% quality foam along w/100,000# 16/30 Arizona sand.

Flow tested for 4 hrs on 1/4" choke, upsized to 1.2" choke for 56 hrs, recovered 200 bbls water.

Set rbp at 4920' and pkr at 4900' and pressure to 1000#, held okay pull up and set at 4188'.

Perf'd at 4600' w/1 jspf .378 inch diameter total 1 shot fired, pumped 50 sx CI-B Cement, pressure locked up before able to squeeze cmt in hole, unseat pkr and leave cmt in casing at 4600'.

Tag cement at 3908' and drill out to 4200', circ hole clean.

Perf'd Cliffhouse at 4642', 4661', 4718', 4737', 4745', 4747', 4754', 4777', 4815', 4821', 4874', 4881', 4885', 4895' w/1 jspf, .340 inch diameter, total 14 shots fired.

Breakdown formation down tubing w/12 bbls acid, toh w/pkr and 2.375" tbg. Tih w/pkr and 3.5" tbg, set pkr at 3540'.

~~4642-4815'~~
Frac'd from ~~4983'-5333'~~ w/510 bbls water and 70,000# 16/30 Arizona sand. Ret rbp at 4920' and toh w/tbg and pkr.

Tih w/tbg to 4985' and flowed on 3.4" choke for 85 hrs average fip 68#, rec 234 bbls water, and tag fill at 5297' c/o fill to CIBP at 5440' and flowed for 3 hrs and tagged at 5430'.

Landed 1st string of 2.375" tbg at 5220' and pkr at 3117', landed 2nd string of 2.75" tbg at 2885'.

RDMOSU 7/9/97.

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DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL.	GAS - MCF.	WATER - BBL.	GAS-OIL RATIO
07/03/1997	85	3/4"	Trace	Trace	TSTM	234	
FLOW TUBING PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)	
68#	0	Trace	Trace	TSTM	66	ACCEPTED FOR RECORD	

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