

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 ☐ OTHER ☐

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESV. ☐ OTHER ☐

2. NAME OF OPERATOR

Amoco Production Company

3. ADDRESS AND TELEPHONE NO.

P.O. Box 800 Denver, CO 80202

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

At surface 1070' FNL, 1025' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH
San Juan

13. STATE
NM

15. DATE SPUDDED

9-18-93

16. DATE T.D. REACHED

10-21-93

17. DATE COMPL. (Ready to prod.)

12-12-93

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

6545' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

8172'

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

8121'

22. IF MULTIPLE COMPL. HOW MANY

23. INTERVALS PROD BY

ROTARY TOOLS

Yes

CABLE TOOLS

No

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

None

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR, HRI, SDL, DSEN, SP, CBL, VDL, CCL

OIL CON. DIV.

27. WAS WELL CORED

No

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13.375"	61#	395'	17.5"	560 SX CL B	0
9-5/8"	36#	3483' 374'	12.25"	1075 SX CL B	0
7"	23#	6705'	8-3/4"	700 SX CL B	0

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4.5"	6479'	8172'	35 SX				

31. PERFORATION RECORD (Interval, size and number)

SEE ATTACHED

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
SEE ATTACHED	

33.* PRODUCTION

33.

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)				WELL STATUS (Producing or shut-in)	
N/A		N/A				Suspended	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF.	WATER - BBL	GAS-OIL RATIO
12-10-93	3	1 / 4		0	0	0	0
FLOW TUBING PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BBL	GAS - MCF.	WATER - BBL	OIL GRAVITY - API (CORR.)	
480 PSI	550 PSI		0	0	0		
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)					TEST WITNESSED BY		

35. LIST OF ATTACHMENTS

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

SIGNED

TITLE

DATE

FEB 04 1994

*(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 or false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

FARMINGTON DISTRICT OFFICE

GEOLOGIC MARKERS

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MIRUSU 11-5/93, TIH tag TOP of Liner @ 6479'. Press test CSG to 1000psi. Held Ok. tag PBTD @ 8121'. Run CBL, VDL, GR, CCI log from 2400'-8121', Cmt top @ 2700'. TOH WLE. Press. test CSG to 3000psi. Held OK. TIH and perf gun and shoot 2 holes @ 2600'. Pump 100 BBls WT down CSG with no returns up INT CSG. TIH with 7" Tension PKR and set @ 2096'. Mix and pump 300SX CLB CMT (68 BBls Slurry) Mix @ 15.6 PPg, displace to 2350'. Rel PKR & TOH. TIH and tag CMT @ 2324'. Drill cmt to 2618'. Press test CSG & SC to 500psi Held OK. Perf- from 8030'-8044', W/4 JSPF .5" diam., 56 shots open. TIH and set PKR @ 7840'. RU pump est. INJ. rate of 1 1/2 BPM @ 3059psi. pump total of 18 BBls WT, RD & REL PKR. TIH with 4 1/2" RTTS PKR set PKR @ 7810, press. test Backside to 500psi. OK. Foam Frac 8030-8044 with 5000 Gal pre pad to obtain pumping rate of 14.2 BPM @ 6190psi., increase pad to 10, 500 Gal pad. 7000# 20/40 sand in formation and 4600# left in TBG. Run sinker bars to depth of 7200', no sand. Press. backside & open bypass on PKR, circ hole for 1 Hr. up TBG. release PKR. TOH. TIH W/2 3/8" TBG, tag sand @ 8024', clean 92' to 8116', pull TBG up to 8017'. Pick up singles and tag fill @ 8116'. TOH W/TBG. RI WLE. and run after frac traces log. log show top of frac 8024' & BTM 8060'. Perfs from 8030 to 8044, set RET plug @ 8020'. RD WLE. TIH W/ RET head to 6520'. TOH W/ RET head. TIH and land PKR 6543'. Press test liner & RET plug to 3000psi. Held OK. Dump 5 Gals sand on top of RET plug. REL PKR. TOH W/ 2 3/8" TBG plug PKR. RI WLE. Perf from 7942'-7944', W/4 JSPF, .51" diam., 8 shots open, 7986'-8000', W/4 JSPF, .51" diam., 56 shots open. RD WLE. TIH W/RBP & PKR set PKR @ 7976', RU pump truck and broke down perfs 7986'-8000' with 12 BBls WT. Release PKR and pulled up to 7965' and set RBP and set PKR @ 7918' and pump into perfs 7942'-7944' with 8 BBls WT. REL PKR and TIH and REL RBP, TOH. TIH W/ RTTS PKR set PKR @ 7797'. ND BOP NU FRAC. Frac perfs from 7986'-8000' & 7942' - 7944' by pumping 15000 GAL X-link and followed with 3000 GAL with 1#/GAL 20/40 Ottawa sand & 4000 GAL W2#/GAL sand & 4000 GAL with 2.4# GAL sand & 5000 GAL with 3# /GAL sand & 4000 gal W/4# GAL sand and ending with 2000 GAL W/5# Gal sand. AIR 16.7 BPM @ AIR 7300psi. Total Sand 620sxs and 950 BBls Gel. REL PKR @ 7797'. REL plug and TOH. Set Bridge plug @ 8025'. RIH W/ 2 3/8" TBG and land @ 7953'. TIH pull and LD 253 jts 2 3/8" TBG. NDBOP's and NUWH. RI WLE with MAST unit. Run in hole and set Bridgeplug @ 7982 cap plug with 50' cmt. (Discussed with Wayne Townsend @ BLM as to Dakota Abandonment procedure approved). Bridgeplug set @ 8025' and Bridgeplug set @ 7982' with 50' CMT on top. RDMOSU 12/12/93.

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