

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 ☐

1b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☒ OTHER ☐ Recompletion

2. NAME OF OPERATOR
Amoco Production Company

3. ADDRESS AND TELEPHONE NO. (303) 830-4457
P.O. Box 800, Denver, Colorado 80201

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

	UNIT E
At surface 1450'FNL	790'FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.	DATE ISSUED
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12. COUNTY OR PARISH San Juan	13. STATE New Mexico
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15. DATE SPUDDED 03/01/66	16. DATE T.D. REACHED 03/06/66	17. DATE COMPL. (Ready to prod.) 11/30/93	18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 6344' GR	19. ELEV. CHANGES
22. IF MULTIPLE COMPLEMENTS			23. INTERVALS BY	ROTARY TOOLS CABLE TOOLS

03/01/66	03/06/66	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOL
20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD			YES	NO
3216'	3150'				
25. WAS DIRECTIONAL SURVEY MADE					

3216'	3150'	23. WELL SURVEY MADE
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*		

2822-3022'

Fruitland Coal

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR, CCL

CASING RECORD (Report all strings set in well)					RECEIVED
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	113'	12 1/4"	80 ex	
3 1/2"	7.7#	3213'	7 7/8"	800 ex	

DEC - 6 1993

OIL CON. DIV.

DIST. 3

30. TUBING RECORD

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					1 1/4"	2825'	2747'

31. PERFORATION RECORD (Interval, size and number)	32. ACID, SHOT, FRACTURE, OTHER										
2822-3022' with 8 shots per foot and .42" holes	<table border="1"> <tr> <th>DEPTH INTERVAL (MD)</th> <th>AMOUNT AND KIND OF MATERIAL USED</th> </tr> <tr> <td>NONE</td> <td>SEE ATTACHED.</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	NONE	SEE ATTACHED.						
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NONE	SEE ATTACHED.										

33.*		PRODUCTION			WELL STATUS (Producing or shut-in)	
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)			SI	
11 29 1993		Flowing				
		PROD. FOR	OIL - BBL.	GAS - MCF.	WATER - BBL.	GAS-OIL RATIO

DATE OF TEST 11 29 1993	HOURS TESTED 1.5	CHOKE SIZE 1/4"	PROD'N FOR TEST PERIOD →	OIL - BBL 0	GAS - MCF. 30	WATER - BBL 0	OIL GRAVITY - API (CORR)
FLOW TUBING PRESS 20	CASING PRESSURE 150	CALCULATED 24-HOUR RATE →	OIL - BBL 0	GAS - MCF. 480	ACCEPTED FOR RECORD TEST WITNESSED BY		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To Be Sold DEC 01 1993

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. BY W. O. OGD ^{Witness} [Signature]
SIGNED Kelly Stearns TITLE Business Analyst DATE 11-30-1993
Reverse Side)

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

***(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, matter within its jurisdiction.

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):

38.

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	TOP		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
P. C.	3086	3127	Sand - Gas			

Florance /D/ #2
Recompletion to Fruitland Coal

MIRUSU 10/01/93. BLW DWN WELL. PMP 10 BBL DWN TBG TO KILL WELL. NDWH & NUBOPS. TOH WITH 1 1/4" TBG. TIH WITH 3 1/2" SCRAPER TO 3066'. TOH. TIH & SET PLUG AT 3061'. CIRC ALL GAS FROM CSNG. PRESSURE TST CSNG TO 1500 PSI. LEAKING. REPEAT WITH SAME RESULTS. TOH 10 STANDS. NIPPLE DWN TREE. PICK UP 3 1/2" PKR. NIPPLE UP TREE. TIH & SET PKR AT 724'. PR TST BACKSIDE TO 1000 PSI. OK. PMP BELOW PKR FOR PR TST. NO GO. RELEASE PKR & TIH TO 3052'. SET PKR. PR TST BELOW PKR. NO TEST. RELEASE PKR & LTCH ONTO RET PLUG. OPEN EQUALIZER & LET EQUALIZE. TOH WITH PKR & PLUG. NIPPLE DWN TREE & PULL OUT PLUG & PKR. START IN HOLE WITH NEW PLUG & PKR. NIPPLE UP TREE. SET RET PLUG AT 3061'. SET PKR AT 3059'. TEST BETWEEN PLUG & PKR 1200 PSI. OK. ATTEMPT TO ISOLATE LEAK. TOH. NIPPLE DWN TBG TREE. INSTALL NEW TREE. DUMP SAND ON TOP OF PLUG. RIG UP TO SWAB. RIG DWN SWAB EQUIP. NUBOPS.

PERF FROM 2822' TO 3022' WITH 8 SHOTS PER FOOT AND .42" HOLE SIZE.

TIH WITH 3 1/2" PKR. SET PKR AT 2988'. TOH. MAKE UP 3 1/2" RET PLG & PKR. SET PLUG AT 2988' & SET PKR AT 2968'. INJECTION RATE OF .20 BPM AT 2000 PSI. RELEASE PKR & LATCH ONTO PLUG. SET PLUG AT 2968' & PKR AT 2930'. INJECTION RATE OF .23 BPM AT 1950 PSI. RELEASE PKR & LATCH ONTO PLUG. SET PLUG AT 2896' & PKR AT 2860'. INJECTION RATE OF .70 BPM AT 2200 PSI. TIH WITH 1 1/4" TBG. LATCH ONTO PLUG. SET PLUG AT 2859' & PKR AT 2837'. INJECTION RATE OF .31 BPM AT 1900 PSI. RELEASE PKR & LATCH ONTO PLUG. SET PLUG AT 2837' & PKR AT 2815'. INJECTION RATE OF .34 BPM AT 1850 PSI. RELEASE PKR & LATCH ONTO PLUG. TOH. TIH WITH 1 1/4" TBG OPEN ENDED & SET IN SLIPS AT 3000'. LAND TBG. MAKE UP BAKER 3 1/2" COMPRESSION PKR & TIH ON 1 1/4" TBG. SET PKR 2812'. NDBOPS & NUMH. RDMOSU 10/14/93.

MIRUSU 11/18/93. NDWH NUBOP. TEST BOP TO 1500 PSI. OK. TOH W/1.25" TBG AND 3.5" PK SET AT 2816'. TIH W/3.5" RET HEAD AND 1.37" WORK STRING. TAG FILL AT 3046'. CIRC OUT FILL TO 3060'. COULDN'T LATCH ON TO 3.5" BP SET AT 3061'. TOH TO 2600'. TIH FROM 2600'. SPOT SAND ON PLUG AT 3061'. TOH. TIH W/3.5" PK SET AT 3050'. TEST BP SET AT 3061' TO 1000 PSI. OK. REL PK SET AT 3050'. TOH TO 3020'. SPOT 1 BBL OF 15% ACID FROM 3020' TO 2940'. TOH TO 2900'. WAIT 15 MIN. FT COAL BROKE DOWN AT 600 PSI. SET RATE 1.3 BPM 3000 PSI. PUMPED 5 BBL 2% KCL. PUMPED 9 BBL OF 15% ACID. DISPLACE TBG WITH 1 BBL OF KCL WATER. TOH W/3.5" PK. TIH W/3.5" PK SET AT 1021'. RIG UP TO FRAC.

FRAC: START FRAC DOWN 2.06" TBG AND 3.5" PK SET AT 1021'. PUMPED 5000 GAL OF PAD. PKR LEAKED. HAD COMMUNICATION UP THE BACK SIDE. SHUT DOWN FRAC. DECISION WAS MADE NOT TO FRAC.

BLOW DOWN CSG. RIG DWN FRAC VALVE, CHANGE OUT PIPE RAMS. TOH W 3.5" PKR SET AT 1021'. UNLOAD & RACK 2000' OF 2.06" TBG. CHANGE OUT RAMS TO 2.06". TOH. CHANGE RAMS TO 1.25". TIH WITH 1.25" TBG. TOH. CHANGE RAMS TO 2.06". TIH WITH 2.06" TBG & 3.5" PKR TO 2826'. TBG LANDED AT 2825'. PKR LANDED AT 2747'. RDMOSU 11/30/93.

