

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

(See other instructions on reverse side)

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 ☐	
2. NAME OF OPERATOR Amoco Production Company			
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 1740' FSL 1240' FWL UNIT L At top prod. interval reported below At total depth			
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUDDED 8/13/94		16. DATE T.D. REACHED 9/14/94	
17. DATE COMPL. (Ready to prod.) 3/8/96		18. ELEVATIONS (OF, RKB, RT, GR, ETC.)* 5981 KB, 5965 GR	
20. TOTAL DEPTH, MD & TVD 6611'		21. PLUG BACK T.D. MD & TVD 6497'	
22. IF MULTIPLE COMPL., HOW MANY* 3		23. INTERVALS DRILLED BY ROTARY TOOLS YES CABLE TOOLS NO	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* Basin Fruitland Coals 1632'-1828'			
25. WAS DIRECTIONAL SURVEY MADE No			
26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray 1900'-1350' & Gamma Ray Tracer 1900'-1632'			
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
9-5/8" J55	36#	474'	12.25"
7" J55	23#	6607'	8.75"
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
		None	
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 3/8"	1870'		
31. PERFORATION RECORD (Interval, size and number) 1632'-1644', 1814'-1828' w/4 jsfpf, .450 inch diameter, total 104 shots fired			
32. ACID, SILOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
1632-1828'		405 bbls wtr & 658,796 scf of N2 to create 70% qual foam w/98,660# 20/40 Arizona Sand, Max PSI 1,974 Max Rate 49.8 BPM	
33.* PRODUCTION			
DATE FIRST PRODUCTION 2/16/96		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing	
DATE OF TEST 2/16/96		WELL STATUS (Producing or shut-in) SHUT IN	
HOURS TESTED 12 hrs	CHOKE SIZE 1/2"	PROD'N FOR TEST PERIOD Trace	OIL - BBL. 100 mcf
GAS - MCF. 0	WATER - BBL. 0	GAS-OIL RATIO	
FLOW TUBING PRESS 6#	CASING PRESSURE 0#	CALCULATED 24-HOUR RATE OIL GRAVITY - API (CORR.)	
34. DISPOSITION OF GAS (Solid, used for fuel, vented, etc.) To Be Sold			
35. LIST OF ATTACHMENTS			

OIL CON. DIV.

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36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available data.
SIGNED Gail M. Jefferson TITLE Sr. Admin. Staff Asst. BY 10 DATE 3/12/96

*(See Instructions and Space 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.

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
				Ojo Alamo	767'	
				Ojo Alamo	900'	
				Frutland	1345'	
				Pictured Cliffs	1867'	
				Lewis Shale	2090'	
				Cliff House	3337'	
				Menefee	3490'	
				Pt. Lookout	4214'	
				Mancos Shale	4580'	
				Gallup	5361'	
				Greenhorn	6153'	
				Graneros	6204'	
				Dakota	6232'	
				Morrison	6573'	

Madeline Galt B #1R - Recompletion - Subsequent

Flow test PC on compression for two weeks did not flow on choke due to compression. Flowed at 200 mcf/d, trace oil, 0 wtr. FTP 20#

MIRUSU 2/13/96. Run Gamma Ray log from 1900' to 1350'.

TIH w/7" composite plug. Set @ 1831'. Load casing w/72 bbls wtr. Test to 1500#. Held ok.

Perforated 1632'-1644', 1814'-1828' w/4jspf, .450 inch diameter, total 104 shots fired. Frac'd from 1632'-1828' with 405 bbls wtr and 658,796 scf of N2 to create a 70% quality foam along with 98,660# of 20/40 Arizona sand. Max PSI 1,974 - Max Rate 49.8 BPM.

TIH w/6.25" cone bit. Tag fill @ 1753'. Pull up swivel. Clean out N2 to top of plug @ 1831'. Recovered 9 bbls wtr.

Drilled out CIBP set @ 1831'. TIH to 2100'. Unload hole w/N2. Recovered 10 bbls wtr.

Logged and ran an after frac Gamma Ray Tracer Log from 1900' to 1632'.

TIH w/6.25" cone bit. Tag @ 5317'. Drill and cleanout to 5500'. Drilling Dakota plug @ 5500'. TIH tag fill @ 6484'. Cleanout with N2 from 6484' to 6490'. Pump 4 bbls foam, sweep and circulated clean. TOH. Swabbed Dakota, PC and Fruitland for 23 hrs. Recovered 94 bbls wtr.

TIH w/6.08" gauge ring to 5600'. Fluid level @ 3800'. TIH w/CIBP set @ 4000'. TOH. TIH to 3100'. Unload hole w/air, recovered 20 bbls wtr. TIH tag fill @ 3970'. Unload hole, cleanout from 3970' to top of CIBP @ 4000'. Circulate clean. TOH flow well thru casing and tbgs.

TOH. Pick up 6.25" bit. TIH tag fill @ 3982'. Unload hole w/air. Rec 31 bbls wtr. Cleanout from 3982' to 4000'. Circulate hole w/air @ 250 scf. Pump 5 bbls foam. Sweep and circulate clean. TOH to 1680'.

TIH, tag fill @ 3991'. Unload hole w/air, recovered 15 bbls wtr. Cleanout from 3991' to 4000'. Circulate hole @ 250 scf. Pump 5 bbls foam. Sweep, circulate clean. TOH to 1680'.

TIH, tag fill @ 3997'. Unload hole w/air, recovered 25 bbls wtr.

Drill out CIBP set @ 4000'. Unload hole w/air @ 6030'. TIH tag fill @ 6440'. Unload hole w/air, clean out from 6440' to 6485'. Pumped 5 bbls foam, sweep and circulate clean. TOH. TIH tag fill @ 6462'. Unload hole, recovered 36 bbls. Clean out from 6462'-6485'. Pumped 5 bbls foam. Sweep and clean out w/air @ 250 scf.

TIH tag fill @ 6480'. Unload hole w/air, clean out from 6480' to 6485'. Pump, sweep circulate clean.

RIH w/5.81" gauge ring to 6478'. RIH w/7" BWB permanent packer, set @ 2000'.

TIH land 2 3/8" Dakota production string @ 6383' w/seal assembly in packer at 2000'.
TIH & land 2 3/8" PC FT string @ 1870'. Remove BOP NUWH, Test wellhead seals.

Load Dakota string w/18 bbls wtr. Removed tubing plug from 6350'. Swabbed Dakota well kicked off recovered 8 bbls wtr, tested well 13.5 hrs. Dakota blew down to 65# FTP and made 69 bbls wtr.

Flow test PC/FT on 1/2" choke for 2 hours, Flowed 435 mcfd on 1/2" choke, trace oil, 0 wtr. FTP 55#, Casing Pressure 65#.

Flow test Fruitland for 12 hours on 1/2" choke, Flowed at 100 mcf/d, trace of oil, 0 wtr. FTP 6#, FCP 10#.

RDMOSU 3/8/96.
