

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

1. TYPE OF COMPLETION
☒ PROD. ☐ INJ. ☐ REFR. ☐ RESER. ☐ OTHER

2. NAME OF OPERATOR
 Amoco Production Company

3. ADDRESS OF OPERATOR
 501 Airport Dr., Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements).
 At surface 1620' FNL x 880' FEL
 At top prod. interval reported below Same
 At total depth Same

5. FARM OR LEASE NAME
 Jicarilla Contract 155

6. WELL NO.
 31

7. FIELD AND POOL, OR WILDCAT
 South Blanco P.C.

8. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA
 SE/4, NE/4, Section 29, T26N, R5W

9. COUNTY OR PARISH
 Rio Arriba

10. STATE
 NM

11. PERMIT NO.
 1032

12. DATE ISSUED
 10-1-82

13. DATE SPOOLED
 6-8-82

14. DATE T.D. REACHED
 6-18-82

15. DATE COMPL. (Ready to prod.)
 9-4-82

16. ELEVATIONS (DF, RKB, RT, GR, ETC.)
 6459' GL

17. ELEV. CASINGHEAD

18. TOTAL DEPTH, MD & TVD
 3982'

19. PLUG. BACK T.D. MD & TVD
 3933'

20. IF MULTIPLE COMPL., HOW MANY
 2

21. ROTARY TOOLS
 Surface - TD

22. CABLE TOOLS

23. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)
 2836-2874' Pictured Cliffs

24. WAS DIRECTIONAL SURVEY MADE
 No

25. TYPE ELECTRIC AND OTHER LOGS RUN
 Gamma Ray & Neutron

26. WAS WELL CORED
 No

27. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8" (New)	24# K-55	330'	12-1/4"	See Attachment	
5-1/2" (New)	15.5# K-55	3982'	7-7/8"		

28. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

29. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
1-1/4"	2894'	3619'

30. PERFORATION RECORD (Interval, size and number)
 2836-2874' with 2 spf, a total of 76 .40" holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2836-2874' ✓	56,000 gal. 70% quality foam with 2% KCL water; 1500 SCF N ₂ per bbl. frac fluid; 88,000 lbs. 10-20 sand.

32. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
9-3-82	Flowing	Shut-In

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9-4-82	3 hrs.	.75"	→	---	162	---	---

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
96 psig	367 psig	→	---	1296	---	---

33. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
 To be sold.

34. TEST WITNESSED BY

35. LIST OF ATTACHMENTS

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

SIGNED

TITLE

Admin. Supvr.

DATE

9-30-82

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

NMOCC

BY P. J. McElroy

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.) and completion and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Complete the location on the Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, advertising the well for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing (see item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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 MAPS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	SCALE, FEET
Ojo Alamo	1800	1850			
Fruitland	2100	2600			
Pictured Cliffs	2600	3700			
Chacra	3700	TD			

26. Cementing Record

Spudded a 12-1/4" hole on 6-8-82 and drilled to 332'. Set 8-5/8" 24# K-55 ST&C surface casing at 330' on 6-9-82 and cemented with 354 cu. ft. class B neat cement containing 2% CaCl_2 . Circulated 17 cu. ft. good cement to surface. Drilled a 7-7/8" hole to a TD of 3982' and set 5-1/2" 15.5# K-55 ST&C production casing at 3982' and cemented with 916 cu. ft. class B cement containing 65/35 POZ, 6% gel, 2# med tuf plug per sack and .8% FLA. This was tailed in with 448 cu. ft. class B neat cement. Circulated 25 cu. ft. good cement to surface.