

Form approved.
Budget Bureau No. 42-R355.5.

(See other instructions on reverse side)

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. RESVR. ☐ Other ☐

2. NAME OF OPERATOR
 Amoco Production Company

3. ADDRESS OF OPERATOR
 501 Airport Drive, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
 At surface 1840' FNL x 1850' FWL
 At top prod. interval reported below Same
 At total depth Same

5. DATE SPUDDED 9-19-83 **16. DATE T.D. REACHED** 10-2-83 **17. DATE COMPL. (Ready to prod.)** 10-24-83 **18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*** 7230' **19. ELEV. CASINGHEAD** 7217' GR

20. TOTAL DEPTH, MD & TVD 8025' **21. PLUG, BACK T.D., MD & TVD** 7990' **22. IF MULTIPLE COMPL., HOW MANY*** **23. INTERVALS DRILLED BY** **ROTARY TOOLS** 0-TD **CABLE TOOLS**

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
 6888'-7176', 7728'-7802', 7876'-7938' Gallup-Dakota

25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN CDL/CNL/GRX DIL/SP/GR **27. WAS WELL CORED** No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8.625"	24#, J-55	325'	12-1/4"	378 cu.ft. Class "B" w/2%	CaCl2
5.5"	15.5#, K-55	8025'	7.875"	(1st) 970 cu.ft. 50:50 POZ	Class B then
				tailed in with 148 cu.ft.	Class B Neat.
				(2nd) 2561 cu.ft. Class B 65:35 POZ Pace-	

29. LINER RECORD

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

30. SETTING TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	7966'	

31. PERFORATION RECORD (Interval, size and number)
 6888'-6970', 6990-7176', 1j2pf, .38" in dia., 7728'-7766', 7788'-7802', 7876'-7886', 7910'-7938', 2j2pf, .38" in dia. for a total of 494 holes.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(6888'-7176')	131,000 gals. 20# gelled water w/2% KCL, 1 gal. surfactant/1000 gal. fluid and 114,000# 20-40 sand
(7728'-7802')	81,000 gals. 20# Gelled water

33. PRODUCTION (Cont. on back)

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
11-16-83	Pumping 1.50" plunger x 20' long	Shut-In

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12-16-83	24 hrs.	N/A	→	52	75.1	36	1444

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
170 psig	170 psig	→	52	75.1	36	39°

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

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 District Adm. Supervisor DATE January 18, 1984

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

NIMOC

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 local 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.), formation 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. Consult local State or 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 producing 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, adequately identified, 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 tool.

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.)

(Frac cont.) containing 2% KCL, 1 gal. surfactant/1000 gals. fluid and 94,000# 20-40 sand.
Fraced interval (7876'-7938') with 89,000 gals. 20# gelled water containing 2% KCL,
1 gal. surfactant/1000 gal. fluid and 101,000# 20-40 sand.

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	3195'	3290'	Sandstone			
Fruitland	3320'	3590'	Coal			
Pictured Cliffs	3590'	3655'	Sandstone			
Mesaverde	4412'	5062'	Sandstone w/coal stringers			
Callup	6858'	7194'	Sandstone w/shale stringers			
Greenhorn	7638'	7692'	Sandstone w/limestone			
Dakota	7725'	7940'	Sandstone			
(Graneros X Main)						