

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well gas ☒ well 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. See space 17 below.)
AT SURFACE: 1625' FNL x 1575' FWL
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) Completion Report

SUBSEQUENT REPORT OF:

RECEIVED
FEB 18 1983
U. S. GEOLOGICAL SURVEY
FARMINGTON, N.M.

5. LEASE
SF-077972

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Richardson Gas Com "B"

9. WELL NO.
1E

10. FIELD OR WILDCAT NAME
Basin Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SE/NW, Section 11, T27N, R13W

12. COUNTY OR PARISH San Juan 13. STATE NM

14. API NO.
30-045-25534

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5936' GL

NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Completion operations commenced 12-30-82. TD of the well is 6204' and plugback depth is 6160'. Perforated intervals 6126-6095', 6084-6068', 6056-6040', and 6028-6014' with 2 jspf, a total of 154 holes. Fraced entire Dakota interval w/110,000 gals. of 75 quality foam, containing 20% gelled water, 2% KCL, 1 gal. surfactant per 1000 gals. frac fluid, 3315 SCF of N₂ per bbl frac fluid, and 138,500# of 20-40 mesh sand. Landed 2-3/8" tubing at 6118'. Rig released 1-8-83.

Subsurface Safety Valve: Manu. and Type

18. I hereby certify that the foregoing is true and correct

SIGNED B. T. Richardson TITLE Admin. Supvr. DATE 2-17-83

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE DATE

ACCEPTED FOR RECORD

FEB 22 1983

*See Instructions on Reverse Side

NMOCC

FARMINGTON DISTRICT

786

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

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

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 Dr., Farmington, NM 87401

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

At surface 1625' FNL x 1575' FWL

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

SF-077972

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Richardson Gas Com "B"

9. WELL NO.

1E

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

SE/NW, Section 11,
T27N, R13W

12. COUNTY OR PARISH

San Juan

13. STATE

NM

15. DATE SPUNDED

12-17-82

16. DATE T.D. REACHED

12-28-82

17. DATE COMPL. (Ready to prod.)

1-8-83

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

5949' KB

19. ELEV. CASINGHEAD

5936' GL

20. TOTAL DEPTH, MD & TVD

6204'

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

6160'

22. IF MULTIPLE COMPL., HOW MANY*

No

23. INTERVALS

ROTARY TOOLS

CABLE TOOLS

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

6126-6014' - Dakota

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction-GR-SP; CNL-FDL-GR-Caliper

27. WAS WELL CORED

No

28.

CASING RECORD (Report all strings set in well)

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	32.3# H-40	217'	13-3/4"	462 cu ft class B neat w/ 2% CaCl ₂ , circ good	
9-5/8"	36# K-55	217-310'	13-3/4"	cement to surface.	
4-1/2"	11.6# N-80	6204' -	7-7/8"	1st stage-656 cu ft class B cement 50:50 poz	
				2nd stage-1050 cu ft*, 3rd stage, 631 cu ft,	

29.

LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	6118'	

31. PERFORATION RECORD (Interval, size and number)

6126-6095', 6084-6068', 6056-6040', 6028-6014' w/2 jsp, a total of 154 holes.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6126-6014	110,000 gals 75 quality foam
	138,500# 20-40 mesh sand.

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
1-27-83		Flowing				Shut-In	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1-28-83	3	.75"	→	---	414	---	---
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
268	694	→	---	3311	---	---	

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 Dist. Admin. Supvr.

DATE 2-17-83

* Tailed in on each page 154 to Class "B"

NMOCC

FARMINGTON DISTRICT

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) for 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.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORREL. INTERVALS, AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MAP 1/2 SRS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP MEAS. DEPTH TRUE VERT. DEPTH
Ojo Alamo	Not on logs	Not on logs			
Kirtland	Not on logs	860			
Fruitland	860	1380			
Picture Cliffs	1380	1500			
Lewis Shale	1500	1546			
Cliff House	2285	2976			
Menefee	2976	3930			
Point Lookout	3930	4210			
Mancos	4210	5130			
Gallup	5130	5648			
Greenhorn	5898	5964			
Craneros Dakota	6012	6093			
Main Dakota	6093	Not on logs			