

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other In-
structions 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 ☐ OTHER ☐
b. TYPE OF COMPLETION: ☒ NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐
DEC 21 1982

2. NAME OF OPERATOR
Amoco Production Company

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

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

At surface 1450' FNL X 410' FWL

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

OIL CON. DIV.
DIST. 3

RECEIVED
DEC 16 1982

U.S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

5. LEASE DESIGNATION AND SERIAL NO.
SF-078828-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Gallegos Canyon Unit

8. FARM OR LEASE NAME

9. WELL NO.

174E

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

Section 28, T28N, R12W

12. COUNTY OR PARISH
San Juan

13. STATE

New Mexico

15. DATE SPUDDED 10-27-82 16. DATE T.D. REACHED 11-5-82 17. DATE COMPL. (Ready to prod.) 11-18-82 18. ELEVATIONS (DF, RKB, RT, GB, ETC.)* 5616' KB 19. ELEV. CASINGHEAD 5603' GL

20. TOTAL DEPTH, MD & TVD 6076' 21. PLUG, BACK T.D., MD & TVD 6032' 22. IF MULTIPLE COMPL., HOW MANY* 3 23. INTERVALS DRILLED BY 0-TD 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5870' - 5906' 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

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"	24#	327'	12 1/4"	see attached	
4 1/2"	10.5#	6076'	7 7/8"		

LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	5986'	None

31. PERFORATION RECORD (Interval, size and number)

5870' - 5884' and 5898' - 5906' with
2 jspf total of 44 .38" holes.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5870-5906'	117,000 gallons of 75 quality foam with 20# gelled H ₂ O, 2% KCL 3489 SCF of Nitrogen per bbl. of frac fluid X 151,750 lbs 20-40 sand.

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
12-6-82		Flowing				S.I.	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12-6-82	3 hrs.	.75	→		199		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
125 psig	392 psig	→		1593			

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

To be sold

35. LIST OF ATTACHMENTS

Cementing record.

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

SIGNED _____ TITLE Adm. Supervisor

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

NMOCC

ACCEPTED FOR RECORD

DEC 15 1982

FARMINGTON DISTRICT

Steph. Mew

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.)

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.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	Not on logs	Not on logs				
Kirtland	Not on logs	700				
Fruitland	700	1320				
Picture Cliffs	1320	1420				
Lewis Shale	1420	1490				
Mesaverde	2230	4500				
Cliff House	2230	2908				
Menette <i>unfiled</i>	2908	3772				
Point Lookout	3772	4500				
Gallup	4946	5522				
Greenhorn	5760	5823				
Graneros Dakota	5865	5936				
Main Dakota	5936	Not on logs				

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SUNDRY NOTICES AND REPORTS ON WELLS

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

1. oil ☐ gas ☒ other ☐ **RECEIVED**
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: 1450' FNL x 410' 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) Spud and Set Casing

SUBSEQUENT REPORT OF:

RECEIVED
DEC 06 1982
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

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.)*

Spudded a 12-1/4" hole on 10-27-82 and drilled to 327'. Set 8-5/8" 24# surface casing at 327' on 10-28-82 and cemented with 354 cu ft of class B neat cement containing 2% CaCl₂. Circulated 6 cu ft of cement to surface. Drilled a 7-7/8" hole to a TD of 6076'. Set 4-1/2" 10.5# production casing at 6076' on 11-5-82 and cemented in two stages: Cement stage one with 770 cu ft of class B neat cement containing 50:50 POZ, 6% gel, 2# med tuf plug/sx and .8% FLA. Tailed in with 118 cu ft of class B neat cement. Cemented stage two with 3103 cu ft class B neat cement containing 65:35 POZ, 6% gel, 2# med tuf plug and .8% FLA. Tailed in with 118 cu ft class B neat cement to surface. Set DV tool at 4218'. Rig released on 11-6-82.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED _____ TITLE Admin. Supvr. DATE 12-3-82

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

DEC 10 1982

*See Instructions on Reverse Side

FARMINGTON DISTRICT

BY Smm

0+4 ~~MMS~~ - Farmington

1 - Diane Ray - Denver

1 - Open 9-200-Outline