

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 1220' FNL x 2250' FEL

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO. _____ DATE ISSUED _____

5. LEASE DESIGNATION AND SERIAL NO.
SF-079757A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
San Juan Unit 29-4

8. FARM OR LEASE NAME

9. WELL NO.
24

10. FIELD AND POOL, OR WILDCAT
Pictured Cliffs

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
NW/4, NE/4, Section 8
T29N, R4W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
NM

15. DATE SPUNDED 10-26-81 16. DATE T.D. REACHED 11-21-81 17. DATE COMPL. (Ready to prod.) 11-11-82 18. ELEVATIONS (DF, RKB, BT, GR, ETC.)* 7420' RKB 19. ELEV. CASINGHEAD 7406' GL

20. TOTAL DEPTH, MD & TVD 8935' 21. PLUG, BACK T.D., MD & TVD 8540' 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY _____ ROTARY TOOLS _____ CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)
4258-4393' - Pictured Cliffs
4102-4227' - Pictured Cliffs

RECEIVED
MAR 2 1983

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
DIL-GR-SP, FDC-CNL-GR

OIL CON. DIV.

27. WAS WELL CORED
Yes

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"	40# & 36#	328'	12-1/4"	413 cu. ft.	
7"	23#	4615'	8-3/4"	819 cu ft. 50:50 poz, 118 cu ft class B	5% gel,

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2"	4451'	8935'	515 SX		2-1/16	4398'	7508'

31. PERFORATION RECORD (Interval, size and number)

4258-4269', 4293-4311', 4311-4328', 4332-4352', 4374-4380', 4386-4393', w/2 spf, a total of 134 holes @ .48". 4102-4136', 4140-4147', 4150-4152', 4156-4160', 4164-4169', 4179-4217', 4225-4227' w/2 spf, total of 178 holes @ .48"

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4258-4393'	90,000 gals frac fluid x 20# gel, 2% KCL, & 139,000# 10-20 sand.
4102-4227'	87,000 gals, frac fluid x 2% KCL, & 129,000# 10-20 sand.

33. PRODUCTION

DATE FIRST PRODUCTION 2-1-83 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Shut-In

DATE OF TEST 2-2-83 HOURS TESTED 3 CHOKER SIZE .75" PROD'N. FOR TEST PERIOD → OIL—EBL. GAS—MCF. 206 WATER—BBL. GAS-OIL RATIO

FLOW. TUBING PRESS. 125 psig CASING PRESSURE 604 psig CALCULATED 24-HOUR RATE → OIL—EBL. GAS—MCF. 1649 WATER—BBL. OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold. 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 B.T. ROBERTSON TITLE Admin. Supvr. DATE 3-11-83

MAR 18 1983

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

NMOCC

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 32:** 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.						
			<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">NAME</th> <th style="width: 25%;">MEAS. DEPTH</th> <th style="width: 25%;">TRUE VERT. DEPTH</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	NAME	MEAS. DEPTH	TRUE VERT. DEPTH			
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Ojo Alamo	3578	3666	<div style="text-align: center;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">NAME</th> <th style="width: 25%;">MEAS. DEPTH</th> <th style="width: 25%;">TRUE VERT. DEPTH</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table> </div>	NAME	MEAS. DEPTH	TRUE VERT. DEPTH			
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Fruitland	3802	4100							
Pictured Cliffs	4100	4402							
Mesaverde	6085	6533							
Gallup	7500	8050							
Greenhorn	8405	8466							
Dakota Granerous	8584	8619							
Dakota	8619	8910							