

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 ☒ 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 840' FSL x 1800' FWL

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO. _____ DATE ISSUED _____

5. LEASE DESIGNATION AND SERIAL NO.
Jicarilla Apache A No. 118

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla Apache A No. 118

9. WELL NO.

6

10. FIELD AND POOL, OR WILDCAT

Cavilan Pictured Cliffs

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

SE/4, SW/4, Section 35,
T26N, R3W

12. COUNTY OR PARISH

13. STATE

Rio Arriba New Mexico

15. DATE SPEC'D

10-12-80

16. DATE T.D. REACHED

11-1-80

17. DATE COMPL. (Ready to prod.)

6-26-82

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

7402' KB

19. ELEV. CASINGHEAD

7388' GL

20. TOTAL DEPTH, MD & TVD

6312'

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

5610'

22. IF MULTIPLE COMPL. HOW MANY*

1

23. INTERVALS DRILLED BY

ROTARY TOOLS

0 - TD

CABLE TOOLS

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

3951-4011, Pictured Cliffs

25. WAS DIRECTIONAL SURVEY MADE
NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL-SP-GR; FDC-CNL-GR, Sonic Log

27. WAS WELL CORED

Yes

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	32.3#	297'	12-1/4"	260 SX	
7"	26#	6311'	8-3/4"	960 SX	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	4178'	4180'

31. PERFORATION RECORD (Interval, size and number)

3951-3960', 4000-4011' with 2 SPF, a
total of 40 .38" holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3951-4011'	100,000 gallons of frac fluid and 180,000 10-20 sand.

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
4-15-81		Flowing					Shut-In	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
4-15-81	3	.75"	→	--	96	--	--	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
52 psig	212 psig	→	--	64	--	--		

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. Robinson

TITLE

Admin. Supvr.

DATE 1-7-1982

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

NMOC

ACCEPTED FOR RECORD
FARMINGTON DISTRICT
BY E. Beck

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	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	3560	3635			
Fruitland	3714	3950			
Pictured Cliff	3950	4022			

- 1) Used 180 sx of Class "B" neat cement containing 65/35 POZ, 6% gel, 2# medium tuf plug per sack, and .8% fluid loss additive. This was tailed in with 200 sx of Class "B" neat cement. Good cement was circulated to the surface.
- 2) Used 480 sx of Class "B" neat cement containing 65/35 POZ, 6% gel, 2# medium tuf plug per sx and .8% fluid loss additive. This was tailed in with 100 sx of Class "B" neat cement. Good cement was circulated to the surface. The DV tool was set at 4082'.

Mesaverde Perfs: 5652-5658, 5931-5968, 5880-5884, 5893-5869,
5832-5838, 5823-5827, 5809-5819, 5713-5742, 5686-5687, 5671-5676,
5669-5668, 6162-6177, 6136-6147, 6122-6132, 6106-6118, and 6086-6100.
2 SPF. total of 368 holes

Frac:

6086-6162 → 55,000 gal frac fluid and 100,000# 10-20 sand
5652-5968 → 110,000 gal frac fluid and 200,000# 10-20 sand

Mesaverde Zone was squeezed off 6/8/82