

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

Lease Serial No.

JAT A118

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry Otherb. Type of Completion: ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.

Other Plug back, recomplete to MV

6. If Indian, Allottee or Tribe Name

Jicarilla Apache

Unit or CA Agreement Name and No.

2. Name of Operator

Apache Corporation

3. Address

2855 Southside River Rd. Ste A

3a. Phone No. (include area code)

505-325-0318

8. Lease Name and Well No.

JAT A118 #13

9. API Well No.

3003923707

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 2260' FNL x 1970' FWL Sec35, T26N, R3W

At top prod. interval reported below

At total depth

10. Field and Pool, or Exploratory

NE Ojito Gal/Dak

11. Sec., T., R., M., on Block and Survey or Area

12. County or Parish

13. State

Rio Arriba

NM

14. Date Spudded

5-28-85

15. Date T.D. Reached

16. Date Completed

☐ D & A ☐ Ready to Prod.

Recomplete to MV 7-14-03

17. Elevations (DF, RKB, RT, GL)*

18. Total Depth: MD

TVD 8568'

19. Plug Back T.D.: MD

TVD 7057'

20. Depth Bridge Plug Set: MD

TVD 7057'

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

22. Was well cored? ☐ No ☐ Yes (Submit analysis)Was DST run? ☐ No ☐ Yes (Submit report)Directional Survey? ☐ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12 3/4"	8 5/8"	24#	Surface	318'		300 sx		Surface	
7 7/8"	5 1/2"	15.5#	Surface	8568'	3372'	1667 sx	6	Surface	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 7/8"	6226'	NA						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Mesa Verde	6177'	6200'	6177'-84', 6194'-6200'	4SPF		Producing
B) Gallup	7192'	7672'				Plugged off w/ BP
C) Dakota	8334'	8443'				P&A w/ BP and cmt
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
6177' - 6200'	Acidize w/ 750 gals 15% HCL acid
	Frac w/ 34,062 gals 15# X-link gel and 52,000# 20/40 sand

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
8-3-03	8-4	24	→	.42	31	13			Rod pump, gas compressor
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						First delivered to Williams on 8-31

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

(See instructions and spaces for additional data on reverse side)

ACCEPTED FOR RECORD
SEP 10 2003

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

30. Summary of Porous Zones (Include Aquifers):

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.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth

32. Additional remarks (include plugging procedure):

11-27-01 Spot 17sx on top of existing cmt.ret. above Dak @ 8234'


33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey
5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Stan Phillips Title Senior Production Foreman

Signature



Date

8-19-03

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Re-complete well to Mesa Verde

Well Name: JAT A118 #13

Date: 8-15-03

Nov-01 Start P&A operation. Set cmt. ret. and 17 sx cmt over Dak perms.
Suspend P&A pending re-completion evaluation.

7/1/2003 MIRUSU. Pull tbg.

7/2/2003 Set CIBP @ 7124'. Press test csg to 3000 PSI - OK.

7/3/2003 FL dropped in csg. Ran 5 1/2" pkr, set above CIBP.
Press test CIBP - failed. Wireline set another CIBP @ 7057'. Press test csg to 3000
PSI - held. Ran CBL, GR, CCL log from 5800' to 6304'. Good cmt bond and isolation
across MV. Perforate csg @ 4 SPF, 52 holes @ 6177' - 6184', 6194' - 6200'.

7/7/2003 Ran pkr. Breakdown and acidize MV perms. Swab.

7-8,9,10 Swab test. 95 bbls of water to recover. Pull tbg.

7/14/2003 Frac down csg w/ 34,062 gal. 15# x-link gel and 52,000 #20/40 sand. Avg Trt Press 1250, Avg Trt
Rate 48 BPM. ISIP 600. TIH w/ tbg.

7-15 to 19 Swab. All frac water recovered.

7/20/2003 Rig shut down. SITP 510, SICP 740

7/21/2003 SITP 710, SICP 950. Blow well down, pull tbg. TIH w/ prod tbg. SN @ 6206'.

7/22/2003 Ran rod pump, rods.

7/23/2003 Set pumping unit, separator, gas flow test meter.
Start vent test.

8/3/2003 First deliver gas sales to Williams Field Service pipeline