

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

WELL COMPLETION OR RECOMPLETION REPORT AUG 06 2012

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 20045. Lease Serial No.
MDA 701-02-00141a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry Other _____
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Borehole ☐ Diff. Resvr.
Other _____Farmington Field Office
Bureau of Land Management

2. Name of Operator

Jicarilla Apache Energy Corp

3. Address

P.O. Box 710 Dulce, New Mexico 87528

3a. Phone No. (include area code)

575-759-3224

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

At surface 1515' FNL & 2100' FWL, Sec 21, T27N, R2W, NMPM

At top prod. interval reported below As above

At total depth As above

6. If Indian, Allottee or Tribe Name

Jicarilla Apache Nation

7. Unit or CA Agreement Name and No.

Joint Venture Agreement

8. Lease Name and Well No.

Apache JVA 3C

9. API Well No

30-039-31099 - 0081

10. Field and Pool, or Exploratory

Blanco Mesa Verde

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

Sec 21, T27N, R2W, NMPM

12. County or Parish

Rio Arriba

13. State

NM

14. Date Spudded

1/10/2012

15. Date T.D. Reached

2/26/2012

16. Date Completed

☐ D&A ☒ Ready to Prod.

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

7477' RKB

18. Total Depth: MD 6705'
TVD A/A19. Plug Back T.D.: MD 6658'
TVD A/A20. Depth Bridge Plug Set: MD
TVD

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

Induction & Neutron Density Logs

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 1/4"	9 5/8"/J-55	36	Surf.	330' KB		162 cf 1-2	28.9	Surface	6 bbls Circ
8 3/4"	7"/J-55	20	Surf.	4240' KB	2580' KB	105 35/65 G	39.5	2640' CBL	Cmt not circ
						145 G	33.3		
						365 35/65 G	123.6	Surface	40 bbls Circ
						50 G	11.5		
6 1/8"	4 5"/J-55	10.5	4101' KB	6658' KB		236 50/50 G	56.3	4101' LTop	3 bbl Circ

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 3/8"	6278' KB							

25. Producing Intervals

Formation	TOP	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Blanco Mesa Verde	5701'	6527'	5702' - 6626'	34"	101	wait on PL
B)						
C)						
D)						

RCVD AUG 18 '12
OIL CONS. DIV.
DIST. 3

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

Depth Interval	Amount and Type of Material
5702' - 5959'	1500 gal 15% HCL, 290,774 gals FR-66 Slickwater, 10,357 lbs 40/70 Brown Sd, 142,543 lbs 20/40 Brown Sd, & 45,702 lbs 20/40 CRC Sd
6145' - 6320'	1500 gal 15% HCL, 294,495 gals FR-66 Slickwater, 11,210 lbs 40/70 Brown Sd, 146,465 lbs 20/40 Brown Sd, & 44,608 lbs 20/40 CRC Sd
6344' - 6626'	1500 gal 15% HCL, 93,461 gals FR-66 Slickwater, 8,780 lbs 40/70 Brown Sd, 25,143 lbs 20/40 Brown Sd

Note: Intervals commingled as A

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
			<input type="checkbox"/>						Flow
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			<input type="checkbox"/>					Wait on PL to clean up, test, and sell.	

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
			<input type="checkbox"/>						
Choke Size	Tbg Press Flwg SI	Call Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	

NMOCD A

ACCEPTED FOR RECORD

AUG 07 2012

FARMINGTON FIELD OFFICE
BY TL Salers

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
			<input type="checkbox"/>						
Choke Size	Tbg Press Flwg SI	Csg. Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			<input type="checkbox"/>						

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
			<input type="checkbox"/>						
Choke Size	Tbg Press Flwg SI	Csg. Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			<input type="checkbox"/>						

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

Test gas and oil to be 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
San Jose	Surf	1747'	Aluvial sands and shales	San Jose	Surf
Nacimiento	1748'	3599'	Sands and shales, water & gas	Nacimiento	1748'
Ojo Alamo	3600'	3686'	Sandstone & shale; water	Ojo Alamo	3600'
Kirtland	3687'	3787'	Shale & sandstone	Kirtland	3687'
Fruitland	3788'	3799'	Carbonatious shale, coal and sand; gas	Fruitland	3788'
Pictured Cliffs	3800'	4191'	Marine sandstone & shale; gas	Pictured Cliffs	3800'
Lewis	4192'	4507'	Marine shale	Lewis	4192'
Huerfano	4508'	5613'	Bentonite Marker	Huerfano	4508'
Cliffhouse	5614'	5887'	Sandstone and shale; gas	Cliffhouse	5614'
Menefee	5888'	6139'	Coal, sandstone & shale; gas & oil	Menefee	5888'
Pt Lookout	6140'	6322'	Sandstone and shale, gas & oil	Pt Lookout	6140'
Mancos Shale	6323'		Marine shale	Mancos Shale	6323'

32. Additional remarks (include plugging procedure).

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) Charles Newley

Title Consulting Petr. Engineer

Signature

Date 8/05/2012

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