

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NOV 18 2008

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2004

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Farmington Field Office

5. Lease Serial No.
MDA 701-02-0014

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

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 660' FSL & 1052' FEL, Sec 29, T27N, R2W

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 5A

9. API Well No.

30-039-30515-0001

10. Field and Pool, or Exploratory

Blanco Mesa Verde

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

Sec 29, T27N, R2W, NMPM

12. County or Parish

Rio Arriba

13 State

NM

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

7243' RKB

14. Date Spudded

6/07/08

15. Date T.D. Reached

6/19/08

16. Date Completed

☐ D&A ☒ Ready to Prod.

11/10/2008

18. Total Depth: MD 6305'
TVD19. Plug Back T.D.: MD 6257'
TVD20. Depth Bridge Plug Set: MD
TVD

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)

Induction & Neutron Density Logs

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	329' KB		200 Class B	42	Surface	10 bbls Circ
8 3/4"	7"/J-55	20	Surf	3985' KB	2051' KB	155 35/65 G	57 3	2270' CBL	
						145 G	32 8		
						290 35/65 G	96 9	Surface	26 bbls Circ
						50 G	11 2		
6 1/8"	4.5"/J-55	10.5	3854' KB	6301' KB		265 50/50 G	62.3	3854'	17 bbls 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"	5897' KB							

25. Producing Intervals

Formation	TOP	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Blanco Mesa Verde	5566'	6264'	5567' - 6226'	34"	89	SI - wait on PL
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
5567' - 5716'	1500 gal 15% HCL, 179,918 gals FR-56 Slickwater & 88,816 lbs 20/40 Brady Sand + 28,329 lbs 20/40 SLC Sand
5772' - 5981'	1500 gal 15% HCL, 174,643 gals FR-56 Slickwater & 82,383 lbs 20/40 Brady Sand + 29,592 lbs 20/40 SLC Sand
6010' - 6226'	1500 gal 15% HCL, 166,819 gals FR-56 Slickwater & 81,221 lbs 20/40 Brady Sand + 26,339 lbs 20/40 SLC Sand

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"/>						RCVD FEB 4 '09
Choke Size	Tbg Press. Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	Flowing
16/64	630/1475	1400	<input type="checkbox"/>					Wait on PL to test and sell.	DIST. 3

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	
			<input type="checkbox"/>						

ACCEPTED FOR RECORD

FEB 04 2009

FARMINGTON FIELD OFFICE
BY TL Salves

NMOC

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	2180'	Aluvial sands and shales	San Jose	Surf
Nacimiento	2180'	3318'	Sands and shales; water & gas	Nacimiento	2180'
Ojo Alamo	3318'	3460'	Sandstone & shale; water	Ojo Alamo	3318'
Kirtland	3460'	3558'	Shale & sandstone	Kirtland	3460'
Fruitland	3558'	3578'	Carbonatious shale, coal and sand; gas	Fruitland	3558'
Pictured Cliffs	3578'	3955'	Marine sandstone & shale; gas	Pictured Cliffs	3578'
Lewis	3955'		Marine shale	Lewis	3955'
Huerfanito	4265'		Bentonite Marker	Huerfanito	4265'
Cliffhouse	5566'	5625'	Sandstone and shale; gas	Cliffhouse	5566'
Menefee	5625'	5896'	Coal, sandstone & shale; gas & oil	Menefee	5625'
Pt Lookout	5896'	6264'	Sandstone and shale; gas & oil	Pt Lookout	5896'
Mancos Shale	6264'		Marine shale	Mancos Shale	6264'

32. Additional remarks (include plugging procedure):

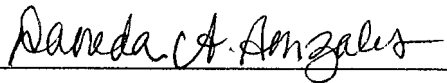
33. Circle enclosed attachments:

- 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) Daneda A. GonzalesTitle JAECO Production/Accounting Technician

Signature

Date November 10, 2008

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.