

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Original

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

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry Other		5. Lease Serial No. JVA: 701-99-0014							
b. Type of Completion: <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input checked="" type="checkbox"/> Diff. Resvr. Other _____		6. If Indian, Allottee or Tribe Name Jicarilla Apache Nation							
2. Name of Operator Jicarilla Apache Energy Corp.		7. Unit or CA Agreement Name and No.							
3. Address P.O. Box 710, Dulce, NM 87528		8. Lease Name and Well No. Jicarilla Apache JV5-8							
3a. Phone No. (include area code) 505-759-3224		9. API Well No. 30-039-27091							
4. Location of Well (Report location clearly and in accordance with Federal requirements) At surface 617' FSL & 1650' FWL, Sec 5, T23N, R3W, NMPM At top prod. interval reported below A/A At total depth A/A		10. Field and Pool, or Exploratory W. Lindrith Gallup - Dakota							
14. Date Spudded 3/15/03		11. Sec., T., R., M., on Block and Survey or Area Sec 5, T23N, R3W							
15. Date T.D. Reached 4/03/03		12. County or Parish Rio Arriba							
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 6/30/03		13. State NM							
17. Elevations (DF, RKB, RT, GL)* 7345' GL									
18. Total Depth: MD TVD 7690'		19. Plug Back T.D.: MD TVD 7410'							
20. Depth Bridge Plug Set: MD TVD 7410'									
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) Induction and Density/Neutron		22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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 Sks. & Type of Cement	Shurry Vol. (BBL)	Cement Top*	Amount Pulled
12 1/4"	8 5/8"/J-55	24#	Surface	335'		265 sx/B	55.7	Surface	Circ 19 BBL CMT
7 7/8"	4 1/2" NJK	11.6#	Surface	7687'	6967' & 6083'	160sx 50/50 B/P	41.3	6967'	
					Stage 2	210sx 50/50 B/P	54.2	6083'	Circ 14 BBL CMT
					Stage 3	985sx 50/50 FM	385.9		
						+100sx B neat	21	Surface	Circ 26 BBL CMT
					Annulus Cap	+50sx B neat	10.5	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 3/8"	7399'								
25. Producing Intervals				26. Perforation Record					
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A) Gallup	6300'	7070'	6303' - 6523'	.35	36	Open			
B)									
C) Dakota A	7328'	7607'	7330'-7342', 7349'-7358'	.35"	42	Open			
D) Dakota B			7343'-7440'	.35"	14	CIBP above perfs @ 7410'			
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.									
Depth Interval	Amount and Type of Material								
6303' - 6523' "A"	1000 gal 15% HCL, 53728 gal 25# xl gel, 119,740#s SLC 20/40 sand								
7330 - 7358' "B"	700 gal 15% HCL, 20370 gal 65Q N2 foam-20# xl gel & 65380#s SLC 20/40 sand								
7343' - 7440' "C"	Not stimulated								
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
8/11/03	8/11/03	24	→	5	NG	31 BLW	No Test	No Test	Swab Test
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. Swab	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
N/A		39	→	5	NG	31 BLW	No Test	SI - will be produced by pump	
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
8/01/03	4/25/03	24	→	Trace	41	10 BLW	N/A	No Test	Swab Test
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
8/64"	110	260	→	Trace	41	10 BLW	N/A	SI - will be produced on pump	

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

ACCEPTED FOR RECORD  
OCT 7 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
			→						Not tested or produced
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						Interval "C" is perforated - not stimulated & under CIBP

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.)

Test gas was vented

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	0	1638'	Sand and Shale - water	San Jose	Surface
Nacimiento	1638'	2722'	Shale and Sands - water	Nacimiento	1638'
Ojo Alamo	2722'	2875'	Sands - water	Ojo Alamo	2722'
Fruitland	2915'	3158'	Shale, sands and coal - water and gas	Fruitland	2915'
Pictured Cliffs	3158'	3260'	Sand w/shales - water and gas	Pictured Cliffs	3158'
Cliff House	4696'	4734'	Sand with some sand - gas and water	Lewis	3260'
Menefee	4734'	5246'	Shale, coal and sands - gas, oil and water	Huerfanito	3490'
Pt Lookout	5246'	5490'	Sand w/some shale - gas, oil and water	Cliff House	4696'
Gallup	6300'	7070'	Shale (shale some frac) and sand - oil, gas	Menefee	4734'
Dakota	7328'	7607'	Sands w/some shale - gas w/some oil, water	Pt Lookout	5246'
Burro Canyon	7607'	TD	Sand - water with some gas	Mancos	5490'
				Gallup	6300'
				Lower Mancos	7070'
				Greenhorn	7246'
				Graneros	7308'
				Dakota	7328'
				Burro Canyon	7607'

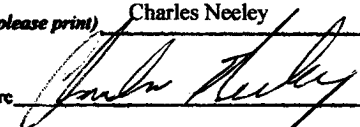
32. Additional remarks (include plugging procedure):

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: No enclosed attachments - previously submitted

34.1 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 Neeley Title Agent

Signature  Date 8/15/03

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.