

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUPLICATE*

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

RECEIVED
2003 JUN 3 PM 1:02
070 Farmington, NM

RECEIVED
JUN 2003
OIL CONS. DIV.
DIST. 3
DATE ISSUED 3/27/03

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
Jicarilla Apache Energy Corp

3. ADDRESS AND TELEPHONE NO.
P.O. Box 710 Dulce, NM 87528 505-759-3224

4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations)
At surface
895' FNL & 673' FWL
At top prod. interval reported below
At total depth
A/A

5. LEASE DESIGNATION AND SERIAL NO.
70190001

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla Apache Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
Apache JVA #2A

9. API WELL NO.
30-039-27408

10. FIELD AND POOL, OR WILDCAT
Blanco Mesa Verde

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec 28, T27N, R2W, NMPM

12. COUNTY OR PARISH
Rio Arriba

13. STATE
NM

14. PERMIT NO.
30-039-27408

15. DATE SPUNDED
4/7/03

16. DATE T.D. REACHED
4/19/03

17. DATE COMPL. (Ready to prod.)
6/2/03

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
7309' GL

19. ELEV. CASINGHEAD
7309'

20. TOTAL DEPTH, MD & TVD
6280'

21. PLUG BACK T.D., MD & TVD
6233'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY
ROTARY TOOLS
CABLE TOOLS

12' - 6280' None

24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*
5658'-5695' Cliff House, 5719'-5883' Menefee, 5986'-6162' Pt Lookout

25. WAS DIRECTIONAL SURVEY MADE
Yes while drlg

26. TYPE ELECTRIC AND OTHER LOGS RUN
Induction/Density/Neutron/Temperature

27. WAS WELL CORED
No

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
5/8" / J-55	36#/ft	325'	12 1/4"	Surf, 200 sx "B" w/2% CaCl2	Circ 13 bbls cmt
7" / J-55	20#/ft	4034'	8 3/4"	Surf, 2 stgs: 290 sx Lite +	Circ 25 bbls cmt
Production Liner				275 sx Lite + 50 sx B	
4 1/2" / J-55	10.5#/ft	6277'	6 1/4"	300 sx 50/50 Poz	Circ 15 bbls cmt

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2"	3905'	6277'	300 sx		2 3/8"	5653'	None

30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2"	3905'	6277'	300 sx		2 3/8"	5653'	None

31. PERFORATION RECORD (Interval, size and number)
5658', 61, 77, 92, 95, 5719, 21, 23, 36, 38, 40, 61, 63, 67, 69, 71, 73, 81, 83, 5835, 37, 39, 42, 44, 51, 53, 55, 57, 59, 81, 83, 5986, 88, 90, 92, 94, 96, 98, 6000, 02, 08, 10, 13, 35, 44, 47, 89, 91, 6116, 20, 27, 29, 37, 44, 56, 60, 62.
Total: .35" 59 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5658'-5683'	750 gals 15% HCL, 38413 gal 60QN2-slick foam + 63700# 20/40 SLC SD
5986'-6047'	1350 gals 15% HCL, 52470 gal 60QN2
6089'-6162'	slick foam + 82,500# 20/40 SLC SD

33. PRODUCTION

DATE FIRST PRODUCTION
Shut In

PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)
Flowing

WELL STATUS (Producing or shut-in)
Shut-in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL-BBL.	GAS-MCF.	WATER-BBL.	GAS-OIL RATIO
6/2/03	24	48/64"	Trace	Trace	2014	44	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS-MCF	WATER-BBL.	OIL GRAVITY-API (CORR.)
135	518	Trace	Trace	2014	44	No Test

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Vented

TEST WITNESSED BY
Charles Neeley

35. LIST OF ATTACHMENTS
Survey Letter

I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED *Charles Neeley* TITLE Consulting PE DATE 6/11/2003

ACCEPTED FOR RECORD
/s/ Brian W. Davis

37. SUMMARY OF POROUS ZONES: (Show all important zones or 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):

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GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP
San Jose	0	2041'	Sand & Shale	San Jose	Surface	
Nacimiento	2041'	3322'	Shale and Sands	Nacimiento	2041'	
Ojo Alamo	3322'	3548'	Sands	Ojo Alamo	3322'	
Fruitland	3590'	3640'	Shale, sands, coal	Kirtland	3540'	
Pictured Cliffs	3640'	3916'	Sand	Fruitland	3590'	
Huerfanito	4058'	4050'	Bentonite	Pictured Cliffs	3640'	
Cliff House	5640'	5696'	Sand w/some shale	Lewis	3916'	
Menefee	5696'	5982'	shale, coal, sand	Huerfanito	4050'	
Pt Lookout	5982	6202'	Sand w/some shale	Cliff House	5640'	
Mancos	6202'	TD	Shale w/some sand	Menefee	5696'	
				Pt Lookout	5982'	
				Mancos	6202'	