

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

SUBMIT IN DUPLICATE*

5. LEASE DESIGNATION AND SERIAL NO.

JVA: 701-99-0014

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL:

OIL
WELL ☐GAS
WELL ☐DRY ☐

OTHER

03 SEP 29 PM 2:02

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 requirements)

At surface

1981' FNL & 588' FWL

At top prod. interval reported below

At total depth

A/A

14. PERMIT NO.

30-039-27092

DATE ISSUED

10-22-02

8. FARM OR LEASE NAME, WELL NO.

Jicarilla Apache JV5 Well #7

9. API WELL NO.

30-039-27092

10. FIELD AND POOL, OR WILDCAT

W. Lindrith Gallup - Dakota

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec 5, T23N, R3W, NMPM

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM

15. DATE SPUDDED

2/21/03

16. DATE T.D. REACHED

3/12/03

17. DATE COMPL. (Ready to prod.)

5/19/03

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

7369' GL

19. ELEV. CASINGHEAD

7369'

20. TOTAL DEPTH, MD & TVD

7735'

21. PLUG BACK T.D., MD & TVD

7648'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS

DRILLED BY

ROTARY TOOLS

CABLE TOOLS

12' - 7735'

None

24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*

7398'-7407', 7414'-7421', 7500'-7504' Dakota ✓

25. WAS DIRECTIONAL SURVEY MADE

Yes while drlg

26. TYPE ELECTRIC AND OTHER LOGS RUN

Induction & Neutron/Density

24. 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
8 5/8" / J-55	24#/ft	336'	12 1/4"	Surf, 275 sx "B" w/2% CaCl2	Circ 19 bbls cmt
4 1/2" / N-J-K	11.6#/ft	7692'	7 7/8"	3425', 1-2 stg 318 sx 50/50 P	TOC: 3425' CBL
				3rd-1300 sx foamed 50/50 Poz+	
				60 sx B neat	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	7379'	None

31. PERFORATION RECORD (Interval, size and number)

7398'-7407', 0.35", 10 holes

7414'-7421', 0.35", 8 holes

7500'-7504', 0.35", 5 holes

**ACCEPTED FOR RECORD
OCT 7 2003**

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7398'-7504'	600 gals 15% HCL, 17808 gal 65QN2-ID20 foam + 55020# 20/40 SLC sand.

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
5/19/03	48	24/64"	→	16	1324	Trace	82750cf/bbl
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS-MCF	WATER-BBL.	OIL GRAVITY-API (CORR.)	
195	365	→	6	662	Trace	No Test	

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

Vented

TEST WITNESSED BY

Charles Neeley

35. LIST OF ATTACHMENTS

Survey Letter

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

SIGNED

TITLE Consulting PE

DATE 5/19/03

1/2
5/19/03
7/12/03

JV5#7

37. SUMMARY OR 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):

38

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP
San Jose	0	1522'	Sand & Shale	San Jose	Surface	
Nacimiento	1522'	2772'	Shale and Sands	Nacimiento	1522'	
Ojo Alamo	2772'	3060'	Sands	Ojo Alamo	2772'	
Fruitland	3060'	3210'	Shale, sands, coal	Fruitland	3060'	
Pictured Cliffs	3210'	3280'	Sand	Pictured Cliffs	3210'	
Huerfanito	3548'	3556'	Bentonite	Lewis	3280'	
Cliff House	4752'	4800'	Sand w/some shale	Huerfanito	3548'	
Menefee	4800'	5300'	shale, coal, sand	Cliff House	4752'	
Pt Lookout	5300'	5616'	Sand w/some shale	Menefee	4800'	
Gallup	6372'	7130'	Shale w/some sand	Pt. Lookout	5300'	
Dakota	7392'	7654'	Sands w/some shale	Mancos	5616'	
Burro Canyon	7654'	TD	Sand	Gallup	6372'	
				Lower Mancos	7130'	
				Greenhorn	7311'	
				Graneros	7380'	
				Dakota	7392'	