

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

SUBMIT IN DUPLICATE*

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
852' FSL & 1745' FEL
At top prod. interval reported below
At total depth
A/A

14. PERMIT NO. 30-039-2794 DATE ISSUED 10-22-02

12. COUNTY OR PARISH Rio Arriba 13. STATE NM

5. LEASE DESIGNATION AND SERIAL NO.
JVA: 701-99-0014

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

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
JV5 Well No. 6

9. API WELL NO.
30-039-27094

10. FIELD AND POOL, OR WILDCAT
W. Lindrith Gallup - Dakota

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 23
Sec 5, T22N, R3W, NMPM

15. DATE SPUDDED 2/01/03 16. DATE T.D. REACHED 2/17/03 17. DATE COMPL. (Ready to prod.) 5/15/03 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7369' GL 19. ELEV. CASINGHEAD 7369*

20. TOTAL DEPTH, MD & TVD 7685' 21. PLUG BACK T.D., MD & TVD 7640' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 12' - 7685' ROTARY TOOLS CABLE TOOLS None

24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*
7356'-7372', 7387'-7396', 7462'-7472', 7536'-7544' Basin 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	328'	12 1/4"	Surf, 265 sx "B" w/2% CaCl2	Circ 15 bbls cmt
4 1/2" / N-J-K	11.6#/ft	7685'	7 7/8"	Surf, 1-2 stg 570 sx 50/50 P	Circ 87 bbls cmt
				3rd-1020 sx foamed 50/50	
				50 sx B neat & 50 sx cap	

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	7318'	None

31. PERFORATION RECORD (Interval, size and number)

7356'-7372', .35", 32 holes
7387'-7396', .35", 18 holes
7462'-7472', .35", 20 holes
7536'-7544', .35", 16 holes

ACCEPTED FOR RECORD
OCT 7 2003

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7356'-7396'	700 gals 15% HCL, 27577 gal xl foam + 62500# 20/40 SLC sand.
7462'-7544'	500 gals 15% HCL, 24276 gal xl foam + 45000# 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
4/18/03	48	24/64"	→	Tr	672	90 BLW	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS-MCF	WATER-BBL.	OIL GRAVITY-API (CORR.)	
90	340	→	Tr	336	45		

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

done
5/19/2003

JV5#6

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):

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GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP
San Jose	0	1475'	Sand & Shale	San Jose	Surface	
Nacimiento	1475'	2750'	Shale and Sands	Nacimiento	1475'	
Ojo Alamo	2750'	3050'	Sands	Ojo Alamo	2750'	
Fruitland	3050'	3194'	Shale, sands, coal	Fruitland	3050'	
Pictured Cliffs	3194'	3310'	Sand	Pictured Cliffs	3194'	
Huerfanito	3559'	3545'	Bentonite	Lewis	3310'	
Cliff House	4710'	4760'	Sand w/some shale	Huerfanito	3539'	
Menefee	4760'	5276'	shale, coal, sand	Cliff House	4710'	
Pt Lookout	5276'	5570'	Sand w/some shale	Menefee	4760'	
Gallup	6330'	7158'	Shale w/some sand	Pt. Lookout	5276'	
✓ Dakota	7353'	7620'	Sands w/some shale	Mancos	5570'	
Burro Canyon	7620'	TD	Sand	Gallup	6330'	
				Lower Mancos	7158'	
				Greenhorn	7270'	
				Graneros	7330'	
				Dakota	7353'	