

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.

Contract No. 127

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Apache

9. WELL NO.

103

10. FIELD AND POOL, OR WILDCAT

Lindrith Gallup-
Dakota West11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Sec. 3-T24N-R4W

N.M.P.M.

12. COUNTY OR
PARISH

Rio Arriba

13. STATE

NewMexico

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

Cotton Petroleum Corporation

3. ADDRESS OF OPERATOR

1660 Lincoln Street
2502 Lincoln Center Bldg. Denver, Colorado 80264

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 2000' FNL, 895' FWL

At top prod. interval reported below

Same

At total depth

Same

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED 8-17-77 16. DATE T.D. REACHED 9-2-77 17. DATE COMPL. (Ready to prod.) 9-30-77 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6889'D.F. 6890'KB 19. ELEV. CASINGHEAD 6877'GL

20. TOTAL DEPTH, MD & TVD 7570' 21. PLUG, BACK T.D., MD & TVD 7523' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY ROTARY TOOLS X CABLE TOOLS

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

6242'-6451' Gallup

7242'-7460' Dakota

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

IES & CNL-FDC

27. WAS WELL CORED

No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24.0	303'	12-1/4"	275 sacks	None
4-1/2"	10.50&11.60	7570'	7-7/8"	850 sacks	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					2-3/8"	7342	None

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

6242'-6451', 55', 1 shot per foot

7242'-7292', 31', 1 shot per foot

7356'-7460', 26', 1 shot per foot

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6242'-6451'	155,200galwtr, 141,500#sand
7242'-7292'	67,300galwtr, 65,000#sand
7356'-7460'	48,380galwtr, 40,000#sand

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
10-10-77		Flowing					Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
10-31-77	24	3/4"	→				2,850	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
125psig	575psig	→	151	430	0	46.0		

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

Vented

35. LIST OF ATTACHMENTS

FOR: Cotton Petroleum Corporation

36. I hereby certify that the foregoing and attached information is complete and correct as determined from NOV 9 1977

SIGNED

Ewell N. Walsh, P.E.

TITLE

President, Walsh Engineering
& Prod. Corp.

U. S. GEOLOGICAL SURVEY

11-7-77

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROSITY ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORREL INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, PLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Ojo Alamo	2276'	
				Kirtland	2780'	
				Fruitland	2896'	
				PicturedCliffs	3020'	
				Lewis	3163'	
				Chacra	3902'	
				Cliff House	4662'	
				Menefee	4710'	
				Pointlookout	5193'	
				Mancos	5328'	
				Gallup	6329'	
				Sanostee	6856'	
				Greenhorn	7172'	
				Graneros	7225'	
				Dakota "A"	7244'	
				Dakota "B"	7355'	
				Dakota "D"	7443'	
				Dakota Burro Canyon	7500'	