

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.

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.

108

10. FIELD AND POOL OR WILDCAT

Lindrith Gallup-
Dakota West11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREASec. 10-T24N-R4W
N.M.P.M.12. COUNTY OR
PARISH

Rio Arriba

13. STATE

New Mexico

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

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, Suite 2502, Denver, Colorado 80264

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

At surface 2100' FNL, 660' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

5-31-78

15. DATE SPUNDED

7-2-78

16. DATE T.D. REACHED

7-18-78

17. DATE COMPL. (Ready to prod.)

9-17-78

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

6762' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

7480'

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

7450'

22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

0-TD

CABLE TOOLS

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

Gallup 6191-6349'
Dakota 7080-7293'25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL, FDC-CNL, BHC Sonic

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#	369'	12-1/4"	250 sxs Class B	-0-
4-1/2"	10.5, 11.6#	7473'	7-7/8"	1. 600 sxs 50/50 poz 2. 691 sxs DV tool 3988'	-0-

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	6186'	6123'

31. PERFORATION RECORD (Interval, size and number)

6191, 93, 95, 6205, 7, 9, 11, 13, 15, 17,
19, 37, 6310, 13, 16, 19, 22, 25, 28, 31,
34, 37, 40, 43, 46, 49, 7080, 82, 84, 91,
93, 95, 97, 99, 7101, 3, 5, 7, 9, 21, 24,
27, 54, 56, 58, 7202, 4, 6, 8, 10, 45, 47,
49, 51, 53, 72, 74, 84, 86, 88, 91, 93.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7202-93'	70,795 g. wtr., 54,000# SN
7080-7158'	82,678 g. wtr., 65,000# SN
6191-6349'	174,963 g. wtr., 150,000# SN

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
9-14-78	Flowing	SI

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9-17-78	24	48/64"	→	150	231	300 BLW	1540
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
80	0	→	150	231	300 BLW	44.0	

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

Waiting on connection

35. LIST OF ATTACHMENTS

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

SIGNED

TITLE

Division Production Mgr.

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

SEP 26 1978

*(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 33.

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 POROUS ZONES:

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Gallup	6143'	6401'	Hydrocarbons
Dakota	7081'	7361'	Hydrocarbons

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Kirtland	2495'	
Fruitland	2711'	
Pictured Cliffs	2871'	
Lewis	3024'	
Chacra	3752'	
Chacra Base	3897'	
Cliff House	4520'	
Menefee	4556'	
Point Lookout	5035'	
Mancos	5215'	
Gallup	6143'	
Gallup Base	6401'	
Sanostee	6699'	
Greenhorn	6999'	
Graneros	7059'	
Dakota "A"	7081'	
Dakota "B"	7196'	
Dakota "D"	7243'	
Burro Canyon	7361'	