

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R355.6.5. LEASE DESIGNATION AND SERIAL NO.
Contract 1266. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla Apache7. UNIT AGREEMENT NAME
NA8. FARM OR LEASE NAME
Apache9. WELL NO.
13810. FIELD AND POOL, OR WILDCAT
Lindrith Gallup Dakota W.11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA
Section 12-T24N R4W12. COUNTY OR
PARISH
Rio Arriba13. STATE
New Mexico

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐ MAR 8 1982b. TYPE OF COMPLETION:
NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐ OIL CON. COM.
DISC. 22. NAME OF OPERATOR
Cotton Petroleum Corporation3. ADDRESS OF OPERATOR
717 17th Street, Suite 2200, Denver, Colorado 80202

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

At surface 1980' FNL & 1980' FEL Section 12

At top prod. interval reported below

At total depth

14. PERMIT NO.
DATE ISSUED
8-7-81

15. DATE SPUDDED 9-5-81 16. DATE T.D. REACHED 9-20-81 17. DATE COMPL. (Ready to prod.) 1-22-82 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6862' KB 19. ELEV. CASINGHEAD 6854'

20. TOTAL DEPTH, MD & TVD 7485' 21. PLUG, BACK T.D., MD & TVD 7400' 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)* 7223'-7272' Dakota 25. WAS DIRECTIONAL SURVEY MADE NO

26. TYPE ELECTRIC AND OTHER LOGS RUN CNL-FDC, IEL-GR 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#	300'	12-1/4"	216 sxs Class G, circ	to surface
4-1/2"	10.5# & 11.6#	7481.80'	7-7/8"	1st stg 857 sxs 50/50 poz	
				2nd stg 620 sxs 50/50 poz	
				DV tool set @ 4264'	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	7202'	7178'

31. PERFORATION RECORD (Interval, size and number)

7223'-7227' w/1 JSPF, 7234'-7238' w/1 JSPF, 7252'-7254' w/1 JSPF, 7266'-7272' w/1 JSPF

7418-7438 perf plugged off 16 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7223'-7272'	acidize w/3000 gal 15% HCL
7223'-7272'	frac w/100,000 gal mini max 340 & 287,500# 20/40 mesh sd

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
1-22-82		Flowing					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
1-28-82	18		→	86	160	5	1861	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
140		→	115	213	7	43.4		

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

Sold

TEST WITNESSED BY

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 *[Signature]*

TITLE Division Production Mgr.

DATE March 22, 1982

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

NMOCC

BY *[Signature]*

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 POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORDED 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	TRUE VERT. DEPTH
PICTURE CLIFFS	3052'	3090'	No cores or DST's	OJO ALAMO	2665'	
MESA VERDE	4665'	5320'		FRUITLAND	2784'	
GALLUP	6360'	6494'		PICTURE CLIFFS	3052'	
DAKOTA	7220'	7440'		MESA VERDE	4665'	
				GALLUP	6360'	
				DAKOTA	7220'	