

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved,
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

Jicarilla Apache

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla 71

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Ballard PC

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

Sec. 3, T-23-N, R-4-W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

N.M.

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

Chace Oil Company, Inc.

3. ADDRESS OF OPERATOR

313 Washington, S.E., Albuquerque, N.M. 87108

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

At surface K Unit 1850' WL, 1850' SL, Sec. 3, T-23-N, R-4-W

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

DATE ISSUED

8-29-72

15. DATE SPURRED

8-28-72

16. DATE T.D. REACHED

3100'

17. DATE COMPL. (Ready to prod.)

9-19-72

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

7260 GR

19. ELEV. CASINGHEAD

7262

20. TOTAL DEPTH, MD & TVD

3100'

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

3080

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

0-3100

CABLE TOOLS

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

2999' - 3020' Pictured Cliffs

3046' - 3062' Pictured Cliffs

26. TYPE ELECTRIC AND OTHER LOGS RUN

Induction Elec., Gamma Ray, Formation Density, and Bond Log

25. WAS DIRECTIONAL SURVEY MADE

Yes

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"	22	98'	12 1/2	80 SXS	
4 1/2"	9.5	3100'	6	80 SXS	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					1.5"	3070'	None

31. PERFORATION RECORD (Interval, size and number)

3004-3024 Pictured Cliffs

3046-3062 Pictured Cliffs

2 shots per foot

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3004-3062	Broke down w/500 gal acid - water-sand Frac's 39,000 gals

33.*

PRODUCTION

88.

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
9-21-72		Flowing				Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11-6-72	3	3/4"	→		167		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
47	170	→		1,333			

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

Sold - El Paso Natural Gas

35. LIST OF ATTACHMENTS

Potential Test and Deviation Test

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

SIGNED

Roger W. Cary

TITLE

President

DATE 11-10-72

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

INSTRUCTIONS

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 legal, survey, or geologic procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal or State office. See instructions on items 22 and 24, and 26, 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.) forms, and pressure logs, 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 26.

Item 27: 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 applicable instructions.

Item 28: 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.

Item 29 and 30: 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 28. 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 31: "Geologic Comments": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 32: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

GENERAL INSTRUCTIONS

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Alamo	2532	2690	Water			
Wittland	2786	2820	Water			
Peaced Cliffs	2999	3081	Gas			