

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.

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, NM 87108

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

At surface Unit 'I' - 1850' FSL & 990' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

Jicarilla 54

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Chace Apache 54

9. WELL NO.

54-10

10. FIELD AND POOL, OR WILDCAT

Undesignated Gallup

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

Sec. 3, T22N, R3W

12. COUNTY OR PARISH
Sandoval

13. STATE
New Mexico

15. DATE SPUDDED 9-25-82 16. DATE T.D. REACHED 10/8/82 17. DATE COMPL. (Ready to prod.) 11/17/82 18. ELEVATIONS (DF, REE, RT, GR, ETC.)* 7138' KB 19. ELEV. CASINGHEAD 7124 GL

20. TOTAL DEPTH, MD & TVD 7145' 21. PLUG, BACK T.D., MD & TVD 7090' KB 22. IF MULTIPLE COMPL., HOW MANY 1 23. INTERVALS DRILLED BY 0-7145' 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD & TVD) Greenhorn: 6682-6725' 4 SPF Tocito: 6392-6496' 4 SPF 25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Induction - Density

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	23#	213' KB	9 5/8"	200 SXS (360 CF)	None
4 1/2"	11.6#	7143' KB	7 7/8"	1070 SXS (1926 CF)	
				SEE ATTACHED PAGE FOR DETAILS	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	6918'	

31. PERFORATION RECORD (Interval, size and number)

Greenhorn: 6682, 6684, 6690, 6692, 6695, 6697, 6704, 6725 - 4 SPF
Tocito: 6392, 6395, 6406, 6414, 6416, 6421, 6426, 6428, 6442, 6444, 6446, 6460, 6464, 6468, 6471, 6476, 6481, 6487, 6490, 6492, 6494, 6496 - 4 SPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	SEE ATTACHED PAGE

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
11/17/82		Pump					Producing	
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
1-15-83	24	3/4"	→	18	6	3	333	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
125	160	→	18	6	3	43		

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

Sold

TEST WITNESSED BY

Andy Birdsell

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

Dean Elliott

TITLE

President

DATE

2/8/83

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

Dean Elliott

NMOCC

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 38, 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 38. 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: "Stacks Comments": 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: COARSE 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.
Ojo	2205	2326	Sd; wet
Pictured Cliffs	2523	2665	Sd w/shale strks; wet
Chacra	2896	3526	Shale w/ sd strks
Cliff House	4075	4189	Sd w/ sh strks; wet
Pt. Lookout	4476	4727	Sd w/ coal and sh strks
Gallup	5673	5945	Sd w/ sh strks; lite
Tocito	6372	6499	Sd w/sh strks; oil and gas
Greenhorn	6679	6737	limy sd; hard. Oil
Dakota 'A'	6764	6857	Sd w/sh strks; oil and gas
Dakota 'B'	6861	6918	Sd w/sh strks; oil and gas
Dakota 'D'	6927	7015	Sd w/sh strks; wet
Buero Canyon	7037		Sd; wet

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH

200 sxs (360 CF) Class B cement, 3% Calcium Chloride, $\frac{1}{4}$ # Flocele per sack.
1st stage: 750 sxs. (1350 CF) of 50/50 pozmix, 2% gel, $6\frac{1}{4}$ # Gilsonite, 6# salt per sack.
2nd stage: 270 sxs (486 CF) of 65/35 pozmix, 12% gel, $6\frac{1}{4}$ # Gilsonite per sack, followed by 50 sxs, (90 CF) Class B cement.

Section 32: Acid, Shot, Fracture, Cement Squeeze, etc.

6897'-6514'

250 gal. 7 $\frac{1}{2}$ % acetic acid

6863'-6897'

(Dakota B)

Total fluid: 1,212 bbls.
Total sand: 40,000# 20/40
Spot 250 gal. 7 $\frac{1}{2}$ % Hcl

6799'-6416'

6799'-6682'

(Dakota "A" and Greenhorn)

Total fluid: 1597 bbls.
Total sand: 60,000# 20/40

6496'-6113'

250 gal. 7 $\frac{1}{2}$ % Hcl

6392'-6496'

(Tocito)

Total fluid: 673 bbls.
Total sand: 4830# 20/40