

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 \*

1a. TYPE OF WELL:		OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input type="checkbox"/>	Other _____		
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input checked="" type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other _____
2. NAME OF OPERATOR Chace Oil Company, Inc.						5. LEASE DESIGNATION AND SERIAL NO. Jicarilla 54	
3. ADDRESS OF OPERATOR 313 Washington, SE, Albuquerque, NM 87108						6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface Unit 'A' - 990' FEL and 900' FNL At top prod. interval reported below At total depth						7. UNIT AGREEMENT NAME	
14. PERMIT NO. _____ DATE ISSUED _____						8. FARM OR LEASE NAME Chace Apache 54	
15. DATE SPUDDED 9/12/78						9. WELL NO. 54-1	
16. DATE T.D. REACHED 9/23/78						10. FIELD AND POOL, OR WILDCAT Undesignated Gallup	
17. DATE COMPL. (Ready to prod.) 11/19/83						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 3, T22N, R3W	
18. ELEVATIONS (DF, RKB, BT, GR, ETC.)* 7162' GR; 7174' KB						12. COUNTY OR PARISH Sandoval	
19. ELEV. CASINGHEAD 7164'						13. STATE New Mexico	
20. TOTAL DEPTH, MD & TVD 7313' KB		21. PLUG, BACK T.D., MD & TVD 7002' KB		22. IF MULTIPLE COMPL., HOW MANY* →		23. INTERVALS DRILLED BY →	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Greenhorn: 6755'–6799; Gallup: 5813'–6004'. Tocito: 6471'–6577'						25. WAS DIRECTIONAL SURVEY MADE Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN Induction - Electric						27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
8 5/8"		26		269'		9 5/8"	
4 1/2"		11.6		7313'		7 7/8"	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
2 3/8"		6910' KB		None			
31. PERFORATION RECORD (Interval, size and number)							
SEE ATTACHED							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
SEE ATTACHED							
33. PRODUCTION							
DATE FIRST PRODUCTION 11/21/83		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Swabbing				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 11/22/83		HOURS TESTED 24		CHOKE SIZE 2"		PROD'N. FOR TEST PERIOD →	
FLOW. TUBING PRESS. 130 PSI		CASING PRESSURE 150 PSI		CALCULATED 24-HOUR RATE →		OIL—BBL. 18	
						GAS—MCF. 6	
						WATER—BBL. 3	
						GAS-OIL RATIO 333	
						OIL GRAVITY-API (CORR.) 43°	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold, used for fuel						TEST WITNESSED BY Andy Birdsell	
35. LIST OF ATTACHMENTS							
ACCEPTED FOR RECORD							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED <i>D. W. Kelley</i>		TITLE President		DATE 11/23/83		BY <i>KF</i>	

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

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 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.)

## 87. SUMMARY OF POROUS 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, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38.	GEOLOGIC MARKERS	TOP	
						MEAS. DEPTH	TRUE VERT. DEPTH
Ojo	1972	2180					
Pic. Cliffs	2690	2765					
Cliff House	4150	4208					
Pt. Lookout	4740	4920					
Gallup	5620	6020					
Greenhorn	6750	6800					
Dakota A	6834	6865					
Dakota B	6932	6965					
Dakota D	7025	7072					
Burro Canyon	7108	7160					

ATTACHMENT FOR CHACE APACHE 54-1

#31 - Perforation Record:

Dakota 'B' Original: 6934-6963' - 2 SPF

Recompletion: 6935', 6937', 6939', 6950', 6952', 6954', 6957', 6959',  
6961', 6965', 6967' - 2 SPF.

Dakota 'A' Original: 6836'-6860', 2 SPF.

Recompletion: 6843', 6845', 6847', 6849', 6851', 6853', 6855', 6857',  
6859', 6861', 6863', - 2 SPF.

Greenhorn : 6755', 6757', 6759', 6768', 6770', 6777', 6785', 6787',  
6789', 6797', 6799', 3 SPF

Tocito: 6471', 6473', 6475', 6537', 6544', 6546', 6551', 6553',  
6573', 6575', 6577', 3 SPF

Gallup: 5813', 5840', 5842', 5848', 5852', 5854', 5874', 5876',  
5885', 5888', 5943', 5946', 5949', 5955', 5957', 5959',  
5982', 5984', 5994', 5996', 5998', 6004' - 3 SPF

#32 Acid Fracture:

Dakota 'A' ) 400 gal 7½% Hcl  
Dakota 'B' ) 107,000 lbs 20/40 sand  
3045 bbls water

Greenhorn ) 400 gal 7½% Hcl  
Tocito )

Gallup 400 gal 7½% Hcl  
32,450 lbs 20/40 sand  
1,500 bbls water

FILED  
1963  
OIL DIV.  
DIST. 3