

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 ☒	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.						5. LEASE DESIGNATION AND SERIAL NO. Jicarilla 70									
3. ADDRESS OF OPERATOR 313 Washington, S.E. Albuquerque, N. Mex. 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" 660' NL & 1660' WL At top prod. interval reported below At total depth						7. UNIT AGREEMENT NAME									
14. PERMIT NO. U. S. GEOLOGICAL SURVEY FARMINGTON, N. M.						8. FARM OR LEASE NAME Jicarilla 70									
15. DATE SPUDDED 4/30/81						9. WELL NO. 10									
16. DATE T.D. REACHED 5/11/81						10. FIELD AND POOL, OR WILDCAT S. Lindreth-Gallup-Dakota									
17. DATE COMPL. (Ready to prod.) 6/20/81						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 34, T24N, R4W									
18. ELEVATIONS (DF, REE, RT, GR, ETC.)* 6991 GR						12. COUNTY OR PARISH Rio Arriba									
19. ELEV. CASINGHEAD 6993						13. STATE N. Mex.									
20. TOTAL DEPTH, MD & TVD 7376						23. INTERVALS DRILLED BY 0-7376'									
21. PLUG, BACK T.D., MD & TVD 7325						24. WAS DIRECTIONAL SURVEY MADE Yes									
22. IF MULTIPLE COMPL., HOW MANY*						25. WAS WELL CORED									
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Dakota - "D" 7186-7210' Dakota - "A" 7022-7044' Greenhorn - 6934'-6978'															
26. TYPE ELECTRIC AND OTHER LOGS RUN Induction - Density Logs															
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		208		9 5/8"		150 SXS							
4 1/2"		10.5		7368		7 7/8"		730 SXS							
29. LINER RECORD							30. TUBING RECORD								
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)	
										2 3/8"		7283'			
31. PERFORATION RECORD (Interval, size and number) 7186'-7210' 6934'-37'; 6952'-55'; 6964'-68'; 6975'-78' 7022'-7044'							32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 7186'-7210' 6934'-7044' AMOUNT AND KIND OF MATERIAL USED Frac'd 52000 gals gel water and 85000# 20-40 SD Frac'd 70,000 gals gel water 105,000# 20-40 SD								
33. PRODUCTION DATE FIRST PRODUCTION 6/20/81 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping DATE OF TEST 7/20/81 HOURS TESTED 24 CHOKE SIZE 3/4" PROD'N. FOR TEST PERIOD OIL—BBL. 45 GAS—MCF. TSTM WATER—BBL. 75 GAS-OIL RATIO FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL—BBL. 45 GAS—MCF. TSTM WATER—BBL. 75 OIL GRAVITY-API (CORR.) 41°							34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) None TEST WITNESSED BY Andy Birdsell								
35. LIST OF ATTACHMENTS							ACCEPTED FOR RECORD 29/1981/81								
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. SIGNED <u>Layne McCary</u> TITLE President DATE 29/1981/81							FARMINGTON DISTRICT BY <u>L</u>								

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

FARMINGTON DISTRICT

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:			38. GEOLOGIC MARKERS			
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.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Pictured Cliffs	2800'	2935	Sd w/sh gas			
Chacra	3160	3780	Shale w/Sd streaks			
Cliff House	4375	4425	Sd w/shale HD Tite			
Point Lookout	4975	5100	Sd - Wet			
Gallup	6004	6210	Shaley/Sd streaks - Oil & gas shows			
Greenhorn	6928	6990	Shaley lime - Sd streaks - Oil shows			
Dakota "A"	7010	7070	Hd Sd - Shaley - Oil & Gas show			
Dakota "D"	7175	7210'	HD Sd - Shaley - Oil & Gas show			