

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 48-2355.5.

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 SE, Albuquerque, NM 87108															
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface Unit 'L'; 1853' FSL & 474' FWL At top prod. interval reported below At total depth															
14. PERMIT NO.				DATE ISSUED		12. COUNTY OR PARISH Rio Arriba		13. STATE New Mexico							
15. DATE SPUDDED 11/3/86		16. DATE T.D. REACHED 11/13/86		17. DATE COMPL. (Ready to prod.) 11/26/86		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7445' GR		19. ELEV. CASINGHEAD 7446'							
20. TOTAL DEPTH, MD & TVD 7625' KB		21. PLUG, BACK T.D., MD & TVD 7581' KB		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY → 0-7625' KB		ROTARY TOOLS No							
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Dakota 'D': 7501-7517' KB Greenhorn: 7266-7289' KB Gallup: 6029-6504' KB Dakota 'A': 7328-7362' KB Tociito: 7061-7063' KB								25. WAS DIRECTIONAL SURVEY MADE Yes							
26. TYPE ELECTRIC AND OTHER LOGS RUN Induction and Density								27. WAS WELL GORED 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 lb/ft		222' KB		12 1/4"		SEE ATTACHED		None					
4 1/2"		11.6 lb/ft		7625' KB		7 7/8"		SEE ATTACHED							
29. LINER RECORD								30. TUBING RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)		SPACER SET (MD)	
										2 3/8"		7466-773' KB			
										S N 6		7429-791' KB			
31. PREPARATION RECORD (Interval, size, etc.) SEE ATTACHED								32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) SEE ATTACHED				AMOUNT AND KIND OF MATERIAL USED			
33. PRODUCTION DATE FIRST PRODUCTION 11/28/86 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Swabbing DATE OF TEST 11/29/86 HOURS TESTED 24 CHOKE SIZE 2" PROD'N. FOR TEST PERIOD → OIL—BBL. 137 GAS—MCF. 19 WATER—BBL. 55 GAS-OIL RATIO 139 FLOW. TUBING PUMP. - 0 - CASING PRESSURE 325 CALCULATED 24-HOUR RATE → OIL—BBL. 137 GAS—MCF. 19 WATER—BBL. 55 OIL GRAVITY (CORR.) 1.25								WELL STATUS (Producing or shut-in) Producing							
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold, used for fuel								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		D. W. Nealey		TITLE		President		DATE		12/27/86					

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

N11000

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 set 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 28, 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 (driller's, geologist's, 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 16: Indicates 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, show the (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 29: Section/Comment: Attached supplemental reports 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 POHOSU ZONES: SHOW ALL IMPORTANT SIZES OF POROSITY AND CONTENTS THEREOF; COARSE INTERVALS; AND ALL DRILL-STEM TESTS, DEPTH INTERVAL TESTED, CUSHION USED, FIRM TOOL LOGS, PLANNING AND SHUT-IN PRESSURES, AND RECOMMENDATIONS.

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

DEVELOPMENT OF THE MALES
 CHILLED STYLES

JICARILLA APACHE 47-28 COMPLETION ATTACHMENT

28. Cementing Record

Surface pipe cement: 200 sks (236 CF) Class B, 3% calcium chloride,
1/4 lb/sk Flocele.

4 1/2" longstring: 1st stage: 925 sks (1323 CF) 50/50 pozmix; 2% gel,
6 lb/sk salt, 6 1/4 lb/sk gilsonite.

2nd stage: 490 sks (1039 CF) 65/35 pozmix; 6% gel,
12 1/4 lb/sk Gilsonite.

Tail in: 50 sks (59 CF) Class B neat.

31. Perforation Record

Dakota 'D': 7501', 7503', 7505', 7507', 7509', 7511', 7513', 7515',
7517', 4 SPF, 36 holes.

Dakota 'A': 7328', 7330', 7332', 7346', 7348', 7350', 7352', 7354', 7356',
7358', 7360', 7362', 4 SPF, 48 holes.

Tocito: 7061', 7063', 4 SPF, 8 holes.

Greenhorn: 7266', 7272', 7282', 7289', 4 SPF, 16 holes.

Gallup: 6029', 6032', 6259', 6261', 6263', 6265', 6267', 6269', 6295',
6297', 6299', 6328', 6331', 6340', 6379', 6384', 6388', 6406',
6418', 6420', 6423', 6460', 6492', 6495', 6498', 6501', 6504',
4 SPF, 108 holes.

32. Acid, Shot, Fracture

Dakota 'D': 250 gal 7 1/2% acetic acid
90,000 lbs 20/40 sand
2,300 bbls water

Dakota 'A':) 300 gal 7 1/2% Hcl
Greenhorn:) 90,000 lbs 20/40 sand
Tocito:) 2,358 bbls water

Gallup 500 gal 7 1/2% Hcl
120,000 lbs 20/40 sand
3,118 bbls water