

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.															
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 'J', 2310' FSL & 2270' FEL At top prod. interval reported below At total depth															
14. PERMIT NO. DATE ISSUED															
15. DATE SPUDDED 9-9-83		16. DATE T.D. REACHED 9/22/83		17. DATE COMPL. (Ready to prod.) 10-7-83		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7313' GL & 7327' KB		19. ELEV. CASINGHEAD 7314'							
20. TOTAL DEPTH, MD & TVD 7600'		21. PLUG, BACK T.D., MD & TVD 7508' KB		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY		23. ROTARY TOOLS 0-							
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Dakota 'D': 7362-7394'; Greenhorn: 7113-7159'; Gallup: 5864-6347'; Dakota 'A': 7213-7232'; Tootito: 6904-6912'								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 set in well)															
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED					
8 5/8"		24 lb/ft		220' KB		12 1/4"		SEE ATTACHMENT		None					
4 1/2"		11.6 lb/ft		7550' KB		7 7/8"									
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"		6514' 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										WELL STATUS (Producing or shut-in) Producing					
DATE FIRST PRODUCTION 10-8-83		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Swabbing													
DATE OF TEST 10-10-83		HOURS TESTED 24		CHOKE SIZE 2"		PROD'N. FOR TEST PERIOD →		OIL—BBL. 135		GAS—MCF. 20 MCF		WATER—BBL. 25		GAS-OIL RATIO 148	
FLOW, TUBING PRESS. 165 PSI		CASING PRESSURE 190 PSI		CALCULATED 24-HOUR RATE →		OIL—BBL. 135		GAS—MCF. 20 MCF		WATER—BBL. 25		OIL GRAVITY-API. (CORR.) 42			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold, used for fuel										TEST WITNESSED BY Andy Birdsell					
35. LIST OF ATTACHMENTS										ACCEPTED FOR RECORD OCT 20 1983 DATE October 12, 1983 FARMINGTON RESOURCE AREA BY Smm					

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

SIGNED L. W. Miller TITLE President

*(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.)

37. SUMMARY OF POROUS ZONES:

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	AS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2527	2682	Sand - Wet			
Pictured Cliffs	2925	3016	Sand, with coal and shale strks - no show			
Chacra	3308	3924	Shale, with sand strks - no show			
Cliff House	4493	4600	Sand and shale - tite			
Point Lookout	5033	5260	Sand - wet			
Upper Gallup	5771	5917	Sand and shale - oil and gas			
Mid Gallup	5917	6132	Sand and shale - oil and gas			
Gallup Main	6132	6371	Sand and shale - oil and gas			
Tocito	6787	6917	Sand and shale - poss. shows			
Greenhorn	7112	7172	Sandy lime - oil and gas shows			
Dakota 'A'	7207	7251	Sand with shale strks - oil and gas			
Dakota 'D'	7332	7417	Sand with shale strks - oil and gas			
Butte Canyon	7434	-	Sand - Wet			

38.

Geologic Markers

Jicarilla Apache 71-21 Attachment:

28. Cementing Record:

Spud: 170 sks (200 CF) Class B Neat, 3% Cacl, 1/4 lb/sk Flocele.

Casing: 1st stage: 1250 sks (1788 CF) 50/50 pozmix; 2% gel, 6½ lb/sk Gilsonite, 6 lb/sk salt.

2nd stage: 450 sks (1048 CF) 65/35 pozmix; 12% gel, 6½ lb/sk Gilsonite.

Tailed in with 50 sks (59 CF) Class B Neat.

31. Perforation Record:

Dakota 'D' zone: 7362', 7366', 7368', 7372', 7374', 7381', 7383',
7385', 7387', 7392', 7394', 4 SPF, 44 holes.

Dakota 'A' zone: 7213', 7215', 7218', 7220', 7226', 7232', 4 SPF, 24 holes.

Greenhorn zone: 7113', 7126', 7135', 7138', 7141', 7145', 7149', 7151', 7153',
7157', 7159', 4 SPF, 44 holes.

Tocito zone: 6904', 6906', 6908', 6910', 6912', 4 SPF, 20 holes.

Gallup zone: 5864', 5882', 5884', 5886', 5889', 5900', 5941', 5943',
5981', 5986', 6010', 6028', 6063', 6065', 6145', 6160',
6166', 6176', 6178', 6180', 6190', 6193', 6214', 6226',
6230', 6243', 6280', 6302', 6334', 6338', 6341', 6344',
6347', 3 SPF, 96 holes.

32. Acid, Fracture:

Dakota 'D': 250 gal 7½% Acetic acid
90,000 lbs 20/40 sand
2,550 bbls water

Dakota 'A':) 400 gal 7½% Hcl
Greenhorn:) 74,850 lbs 20/40 sand
Tocito:) 2,285 bbls water

Gallup: 450 Gal 7½% Hcl
160,000 lbs 20/40 sand
4,200 bbls water