

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 ☐		1b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐		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 'F' - 1805' FNL & 2255' FWL At top prod. interval reported below At total depth		5. LEASE DESIGNATION AND SERIAL NO. Tribal Contract #71		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache		7. UNIT AGREEMENT NAME		8. FARM OR LEASE NAME Jicarilla Tribal Contract 71		9. WELL NO. 11423		10. FIELD AND POOL, OR WILDCAT S. Lindrith, Gallup Dakota		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 10, T23N, R4W		12. COUNTY OR PARISH Rio Arriba		13. STATE New Mexico		14. PERMIT NO. MAY 22 1984 DATE ISSUED BUREAU OF LAND MANAGEMENT		15. DATE SPUDDED 4/23/84		16. DATE T.D. REACHED 5/6/84		17. DATE COMPLETED 5/17/84		18. ELEVATIONS (DF, REB, RT, GR, ETC.) * 7382' GR, 7395' KB		19. ELEV. CASINGHEAD 7383'		20. TOTAL DEPTH, MD & TVD 7632' KB		21. PLUG, BACK T.D., MD & TVD 7588' KB		22. IF MULTIPLE COMPL., HOW MANY *		23. INTERVALS DRILLED BY → 0-7632'		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) * Dakota 'D': 7447'-7502'; Greenhorn: 7245'-7271'; Gallup: 5992-6472' Dakota 'A': 7322'-7360'; Tociato: 6994'-7035'		25. WAS DIRECTIONAL SURVEY MADE Yes		26. TYPE ELECTRIC AND OTHER LOGS RUN Induction and 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		224' KB		12 1/4"		170 sks (200 CF)										None																																					
4 1/2"		11.6 lb/ft		7631' KB		7 7/8"		1750 sks (2896 CF)										None																																					
								(SEE ATTACHED FOR DETAILS)																																															
29. LINER RECORD																																																							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT *		SCREEN (MD)		30. TUBING RECORD										PACKER SET (MD)																																			
										SIZE 2 3/8"										DEPTH SET (MD) 7429' KB		None																																	
31. PERFORATION RECORD (Interval, size and number)																																																							
SEE ATTACHED FOR DETAILS																																																							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.																																																							
DEPTH INTERVAL (MD)															AMOUNT AND KIND OF MATERIAL USED																																								
SEE ATTACHED FOR DETAILS																																																							
33. PRODUCTION																																																							
DATE FIRST PRODUCTION 5/17/84					PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Swabbing															WELL STATUS (Producing or shut-in) Producing																																			
DATE OF TEST 5/18/84		HOURS TESTED 24 hours		CHOKE SIZE 2"		PROD'N. FOR TEST PERIOD →		OIL—BBL. 118		GAS—MCF. 18		WATER—BBL. 44		GAS-OIL RATIO 153																																									
FLOW. TUBING PRESS. 145		CASING PRESSURE 95		CALCULATED 24-HOUR RATE →		OIL—BBL. 118		GAS—MCF. 18		WATER—BBL. 44		OIL GRAVITY-API (CORR.) 43°																																											
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																																																							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records																																																							
SIGNED <u>L. W. Miller</u>															TITLE <u>President</u>																																								
															DATE <u>MAY 23 1984</u>																																								

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

NMOC

BY

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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, 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.
Ojo Alamo	2644	2802	Sand - wet
Picture Cliffs	3060	3136	Sand - w/coal and shale strks - no show
Chacka	3430	4048	Shale - w/sand strks - no show
Cliff House	4610	4816	Sand and shale - tight
Point Lookout	5120	5354	Sand - possible show
Gallup	5898	6498	Sand and shale + oil and gas show
Tecito	6926	7040	Sand and shale - possible show
Greenhorn	7226	7278	Sandy Lime + oil and gas show
Dakota 'A'	7316	7380	Sand + oil and gas
Dakota 'D'	7442	7520	Sand + oil and gas
Burro Canyon	7546		Sand - wet

Still in
at T.D.

38.

GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TRUE VERT. DEPTH

RECEIVED
MAY 29 1984
OIL CON. DIV.
DIST. 3

Jicarilla Apache 71-23 Well:

#28. Cementing Record:

Spud - 170 sks (200 CF) Class B neat, 3R calcium chloride,
1/4#/sk Flocele.

1st stage - 1250 sks. (1788 CF) 50/50 pozmix, 2% gel, 6¼ lb/sk
Gilsonite, 3 lb/sk salt.

2nd stage - 450 sks (1049 CF) 65/35 pozmix, 12% gel, 6¼ lb/sk
Gilsonite. Tailed in with 50 sks (59 CF) Class B neat.

#31. Perforation Record:

Dakota 'D': 7447', 7451', 7474', 7476', 7478', 7480', 7482', 7484',
7486', 7488', 7490', 7492', 7494', 7502', 3 SPF, 42 holes.

Dakota 'A': 7322', 7324', 7326', 7328', 7330', 7332', 7334', 7336',
7360', 3 SPF, 27 holes.

Greenhorn: 7245', 7249', 7251', 7254', 7256', 7259', 7262', 7264', 7268',
7271', 3 SPF, 30 holes.

Tocito: 6994', 7033', 7035', 3 SPF, 9 holes.

Gallup: 5992', 5997', 6012', 6016', 6034', 6071', 6100', 6103',
6184', 6225', 6232', 6252', 6272', 6301', 6349', 6387',
6393', 6410', 6416', 6423', 6425', 6430', 6433', 6435',
6438', 6454', 6458', 6460', 6462', 6464', 6466', 6469',
6472', 2 SPF, 66 holes.

#32. Acid - Fracture:

Dakota 'D': 200 gal. 7½% acetic acid
68,100 lbs 20/40 sand
2,268 bbls. water

Dakota 'A':) 300 gal. 7½% Hcl
Greenhorn:) 90,000 lbs 20/40 sand
Tocito:) 2,250 bbls. water

Gallup: 350 gal. 7½% Hcl
125,000 lbs. 20/40 sand
3215 bbls water