

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)

Form approved.
Budget Bureau No. 42-1855.1

WELL COMPLETION OR RECOMPLETION REPORT

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ 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 "A" 550' FNL & 330' FEL At top prod. interval reported below At total depth		5. LEASE DESIGNATION AND SERIAL NO. Jicarilla 71		6. INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache		7. UNIT AGREEMENT NAME		8. FARM OR LEASE NAME Jicarilla 71		9. WELL NO. 71-9		10. FIELD AND POOL, OR WILDCAT S. Lindrith Gallup Dakota		11. SEC., T., R., M., OR BLOCK AND SUBVEY OR AREA Sec. 10, T23N, R4W		12. COUNTY OR PARISH Rio Arriba		13. STATE New Mexico	
15. DATE SPUDDED 8-24-82		16. DATE T.D. REACHED 9-6-82		17. DATE COMPL. (Ready to prod.) 9-24-82		18. ELEVATIONS (DF, REB, ET, CR, ETC.) 7406' GL and 7420' KB		19. ELEV. CASING HEAD 7407' GL		20. TOTAL DEPTH, MD & TVD 7655'		21. PLUG, BACK T.D., MD & TVD 7610'		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY 0-7655'		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Upper Gallup: 6066'6100' Gallup: 6322'6538' Greenhorn: 7324'7346' Dakota "A": 7388'-7429' Dakota "D": 7541'-7574'		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)																									
CASINO SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		BOLE SIZE		CEMENTING RECORD		AMOUNT PULLED															
8 5/8"		23#		214'		9 5/8"		See attached sheet		None															
4 1/2"		11.6#		7653'		7 7/8"																			
29. LINER RECORD																									
SIZE		TOP (MD)		BOTTOM (MD)		BACKS CEMENT*		SCREEN (MD)		30. TUBING RECORD		SIZE		DEPTH SET (MD)		PACKER SET (MD)									
										2 3/8"		7544' KB													
31. PERFORATION RECORD (Interval, size and number)																									
See attached sheet																									
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.																									
DEPTH INTERVAL (MD)																									
AMOUNT AND KIND OF MATERIAL USED																									
See attached sheet																									
33. PRODUCTION																									
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)		9-24-82		Swabbing		WELL STATUS (Producing or shut-in)		Producing - Flow															
DATE OF TEST		HOURS TESTED		CHOKER SIZE		PROD'N. FOR TEST PERIOD		OIL—BBL.		GAS—MCF.		WATER—BBL.		GAS-OIL RATIO											
9-27-82		24		2"		→		225		40		40		16.1											
FLOW, TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.		GAS—MCF.		WATER—BBL.		OIL GRAVITY-API (CORR.)													
20		800		→		225		40		40															
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)																									
Vented to be sold																									
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		B. W. Miller		TITLE		President		NMOCC		DATE		9-30-82													

Jicarilla 71-9 - Section #31 - Perforation Record:

Upper Gallup: 6066', 6085', 6100'. 4 SPF

Gallup: 6322', 6324', 6326', 6330', 6332', 6334', 6348',
6350', 6358', 6360', 6362', 6366', 6368', 6372',
6376', 6380', 6382', 6504', 6514', 6516', 6520',
6522', 6524', 6528', 6532', 6538'. 4 SPF

Greenhorn: 7324', 7326', 7346'. 4 SPF

Dakota "A": 7388', 7390', 7392', 7394', 7396', 7398', 7400', 7429'. 4 SPF

Dakota "D": 7541', 7548', 7550', 7552', 7554', 7556', 7558', 7560',
7562', 7572', 7574'. 4 SPF

JAN 19 1983

Section #28 - Cementing record:

OIL CON. DIV.

240 sxs (432 CF) of Class B cement, $\frac{1}{4}$ # Flocele, 3% calcium chloride per sack.

1st stage: 560 sxs (1008 CF) of 50/50 pozmix, 2% gel, $\frac{6}{4}$ # Gilsonite,
6# salt per sack.

2nd stage: 765 sxs (1377 CF) 50/50 pozmix, 2% gel, $\frac{6}{4}$ # Gilsonite,
6# salt per sack.

3rd stage: 50 sxs. (90 CF) Class B neat.

Section #32 - Acid, shot, fracture, cement squeeze, etc.:

<u>Depth:</u>	<u>Amount and kind of material used:</u>
7574' up	Spot 250 gal. 7 $\frac{1}{2}$ % acetic acid
7541'-7574' (Dakota "D")	Total fluid: 2176 bbls. Total sand: 75,760# 20/40 sand
7429'-7046'	Spot 250 gal. Hcl
7324'-7429' (Dakota "A" and Greenhorn)	Total fluid: 1585 bbls. Total sand: 60,000# 20/40 sand
6538' up	Spot 650 gal. 7 $\frac{1}{2}$ % Hcl
6100'-6538' (Upper Gallup & Gallup)	Total fluid: 3931 bbls. Total sand: 176,000# 20/40

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 83, 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.), formations, etc., should be listed on this form, see item 35. All attachments should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations.

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.

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. (Do not overline or underline.)

Item 10. 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 83. 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: Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool; each additional interval to be separately produced, showing the additional data pertinent to each interval.

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:

STAIN OF FLOOD ZONES, MILLION ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING BOTH 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
Ojo	2700'	2867'	Sd - wet			
Pictured Cliffs	3146'	3227'	Sd - w/ sh strks - poss gas			
Chacra	3497'	4120'	Sh w/ sd strks			
Cliff House	4681'	4777'	Sd w/ sh strks - wet			
Pt. Lookout	5212'	5447'	Sdy w/ coal and sh strks - poss oil and gas			
Gallup	6307'	6561'	Sd w/ sh strks - oil and gas			
Tocito	6973'	7088'	Sd w/ sh strks			
Greenhorn	7284'	7345'	Limy sd - hard - oil			
Dakota "A"	7372'	7416'	Sd w/ sh strks - oil and gas			
Dakota "D"	7510'	7595'	Sd w/ sh strks - oil and gas			
Burro Canyon	7614'		Sd - wet			