

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

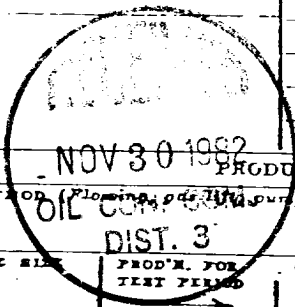
SUBMIT IN DUPLICATE*

(See either side
instructions on
reverse side)

Form approved:
Budget Bureau No. 42-10554

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____				5. LEASE DESIGNATION AND SERIAL NO. Jicarilla #71	
2. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache	
3. NAME OF OPERATOR Chace Oil Company, Inc.				7. UNIT AGREEMENT NAME	
4. ADDRESS OF OPERATOR 313 Washington, SE, Albuquerque, NM 87108				8. FARM OR LEASE NAME Jicarilla Tribal Cont #71	
5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface Unit "A" 530' FNL & 330' FEL At top prod. interval reported below At total depth				9. WELL NO. 10	
14. PERMIT NO. _____ DATE ISSUED _____				10. FIELD AND POOL OR WILDCAT S. Lindrith Field Dakota	
15. DATE SPUDDED 9-7-82				11. SEC., T., R., N., OR BLOCK AND SURVEY OR AREA Sec. 3, T23N, R4W	
16. DATE T.D. REACHED 9-23-82				12. COUNTY OR PARISH Rio Arriba	
17. DATE COMPL. (Ready to prod.) 10-25-82				13. STATE New Mexico	
18. ELEVATIONS (DT, REB, RT, CR, ETC.)* 7089' GL & 7100' KB				19. ELEV. CASINGHEAD 7090' GR	
20. TOTAL DEPTH, MD & TVD 7504' KB		21. PLUG BACK T.D., MD & TVD 7459' KB		22. IF MULTIPLE COMPL. HOW MANY? _____	
23. INTERVALS DRILLED BY _____				24. ROTARY TOOLS 0-7504' _____	
25. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* Dakota "D": 7291-7316' Dakota "A": 7060-7148' Tocito: 6757-6867'				26. WAS DIRECTIONAL SURVEY MADE Yes	
27. TYPE ELECTRIC AND OTHER LOGS RUN Induction - Density				28. WAS WELL CORKED No	
29. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	BOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	23	212' KB	9 5/8"	SEE ATTACHED	None
4 1/2"	11.6	7502' KB	7 7/8"		
30. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	
31. TUBING RECORD					
SIZE	DEPTH SET (MD)	PACKER SET (MD)			
2 3/8"	7250' KB				
32. PERFORATION RECORD (Interval, size and number)					
SEE ATTACHED SHEET					
33. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED					
SEE ATTACHED SHEET					
34. PRODUCTION					
DATE FIRST PRODUCTION 10-25-82					
PRODUCTION METHOD (Flowing or lift pumping--size and type of pump) Pumping					
DATE OF TEST 10-26-82					
HOLES TESTED	CHOKES SIZE	PROD'M. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.
24	2"	170	60	20	353
CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	
180	325	170	60	20	86.1
35. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold - Hooked up 11-11-82					
36. LIST OF ATTACHMENTS					
37. I hereby certify that the foregoing and attached information is complete and correct as determined from all available data.					
SIGNED <i>L. W. Miller</i>				TITLE President	
FARMINGTON DISTRICT				DATE 10/27/82	



TEST WITNESSED BY
Andy Bird

#28 - Cementing record

200 sxs Class B neat, $\frac{1}{4}$ # Flocele, 3% Calcium Chloride per sack. (360 CF)
1st stage: 860 sxs (1548 CF) 50/50 pozmix, 2% gel, $6\frac{1}{2}$ # Gilsonite, 6# salt per sack.
2nd stage: 450 sxs (810 CF) 65/35 pozmix, 12% gel, 6# Gilsonite per sack.
Followed by 50 sxs (90 CF) Class B neat.

#31 - Perforation record

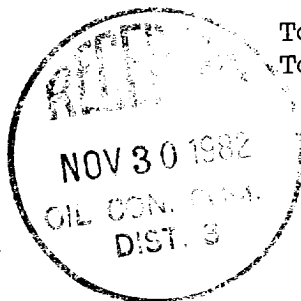
Dakota "D": 7291', 7293', 7314', 7318', 7320', 7322', 7326', 7328', 7330', 7334'.
Misfire @ 7316'. Will shoot on 2nd run.
7336', 7338', 7340', 7342', 7344', 7316'.

Dakota "A": 7060', 7062', 7085', 7090', 7098', 7104', 7107', 7109', 7150',
7161', 7163'.
7166', 7168', 7170', 7172', 7174', 7148'.

Tocito: 6757', 6766', 6771', 6773', 6778', 6781', 6793', 6805', 6811', 6815',
6819'.
6821', 6826', 6837', 6841', 6844', 6857', 6859', 6863', 6865', 6867'.

#32 - Acid, Shot, Fracture, Cement, Squeeze, etc.

<u>Depth:</u>	<u>Amount and Kind of Material Used:</u>
7344'-6961'	Spot 250 gal. acetic acid
7291'-7316'	Total fluid: 2002 bbls. Total sand: 80,175# 20/40
7174'-6791'	Spot 250 gal. Hcl
7060-7148'	Total fluid: 1822 bbls. Total sand: 70,000# 20/40
6867'-6484'	Spot 250 gal. $7\frac{1}{2}$ % Hcl
6757'-6867'	Total fluid: 977 bbls. Total sand: 22,000# 20/40



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 33.

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.	38. GEOLOGIC MARKERS
				NAME
				MEAS. DEPTH
				TRUE VERT. DEPTH
Jjo	2476	2654	Sd - wet	
Pict. Cliffs	2934	3028	Sd and shale; poss. gas	
Thacra	3288	3913	Shale w/sd strks	
Cliff House	4495	4602	Sd w/ shale strks - wet	
pt. Lookout	4997	5218	Sdy w/ coal and shale strks	
Callup	6109	6343	Sd and shale; poss. oil and gas	
Locito	6747	6875	Sd w/ sh strks - oil	
Greenhorn	7061	7123	Lmy sd - hard - oil	
Dakota "A"	7144	7194	Sd w/ shale strks - oil and gas	
ota "D"	7284	7366	Sd w/ shale strks - oil and gas	
Burro Canyon	7383		Sd - wet	

