

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 ☐		2. NAME OF OPERATOR Chace Oil Company, Inc.		5. LEASE DESIGNATION AND SERIAL NO. Jicarilla 71	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐		3. ADDRESS OF OPERATOR 313 Washington, S.E. Albuquerque, New Mexico		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface Unit "B" 805' NL & 2310' EL At top prod. interval reported below At total depth		14. PERMIT NO. DATE ISSUED		7. UNIT AGREEMENT NAME	
15. DATE SPUDDED 11/7/81		16. DATE T.D. REACHED 11/20/81		8. FARM OR LEASE NAME Jicarilla 71	
17. DATE COMPL. (Ready to prod.) 1/8/82		18. ELEVATIONS (DF, RKB, BT, GR, ETC.) 7183 KB 7171 GR		9. WELL NO. 6	
20. TOTAL DEPTH, MD & TVD 7404		21. PLUG BACK T.D., MD & TVD 7365'		10. FIELD AND POOL, OR WILDCAT S. Lindreth Gallup-Dakota	
22. IF MULTIPLE COMPL. HOW MANY? Gallup-Dakota mingled		23. INTERVALS DRILLED BY 0		11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 3, T23N, R4W	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5804 - 6277 Gallup 7210 - 7254 Dakota "A" 7126 - 7149 Greenhorn 7343 - 7365 Dakota "D"		25. WAS DIRECTIONAL SURVEY MADE Yes		12. COUNTY OR PARISH Rio Arriba	
26. TYPE ELECTRIC AND OTHER LOGS RUN Induction & Density Logs		27. WAS WELL CORED No		13. STATE N Mex.	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)	
8 5/8"		23		224' KB	
4 1/2"		11.6		7404' KB	
HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
9 5/8"		140 SXS		See Attached	
7 7/8"		140 SXS			
29. LINER RECORD					
SIZE		TOP (MD)		BOTTOM (MD)	
2 3/8"		7316'		KB	
30. TUBING RECORD					
SIZE		DEPTH SET (MD)		PACKER SET (MD)	
2 3/8"		7316'		KB	
31. PERFORATION RECORD (Interval, size and number)					
4 SPF - 32)		7355, 7343, 7254, 7248, 7228		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
2 SPF - 32)		7149, 7141, 7133, 7128, 7126		DEPTH INTERVAL (MD)	
4 SPF - 32)		6189, 6169, 6152, 6146, 6139		7126 - 7365	
6123, 6199, 6235, 6238, 6242		5804 - 6277'		AMOUNT AND KIND OF MATERIAL USED	
6256, 6277, 5974, 5910, 5904		5804 - 6277'		Frac'd. w/84500# 20-40' sd	
5815, 5804.		6256, 6277, 5974, 5910, 5904		& 245 lbs slick water	
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)		Frac'd. w/135,000# 20-40' sd.	
1/8/82		Swabbing		& 3,333 lbs slick water	
DATE OF TEST		HOURS TESTED		WELL STATUS (Producing or shut-in)	
1/23/82		24		Prod. Test Allowable	
CHOKE SIZE		PROD'N. FOR TEST PERIOD		WATER—BBL	
2"		97		32	
OIL—BBL		GAS—MCF.		GAS-OIL RATIO	
97		125		1288	
FLOW, TUBING PRESS.		CASING PRESSURE		WATER—BBL	
580		580		32	
CALCULATED 24-HOUR RATE		OIL—BBL		OIL GRAVITY-API (CORR.)	
97		97		43	
GAS—MCF.		WATER—BBL		TEST WITNESSED BY	
125		32		Andy Birdsell	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		35. LIST OF ATTACHMENTS		DATE	
Vented Sold				3/22/82	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.					
SIGNED		TITLE		DATE	
Raymond R. Cary		President		3/22/82	

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

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 83, below regarding separate reports for separate completions. If not filed prior to the time this summary report 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 data pertinent to such interval.

Item 29: "Stage 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				38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH
Ojo	2510	2678	Sd - wet		
Pictured Cliff	2956	3060	shly/sd - gas show		
Chacra	3325	3948	sh/w/sd stringers		
Cliff House	4534	4626	hd sd - wet		
Point Lookout	5036	5247	Sd w/sh		
Gallup	6150	6384	Sd w/shale - gas oil shows		
Greenhorn	7110	7171	lm sd/shale - oil show		
Dakota "A"	7190	7239	sd/w/shale - oil, gas		
Dakota "D"	7332	7394	sd/w/shale - oil, gas		

Cement Record

8 5/8" Casing → 140 sk class "B", 390 cccl₂, 1 1/4" flow seal/sk
C.T. → Surface

4 1/2" Casing → 1st 750 sk 50:50 po₂, 290 gel, 6 1/4" salt,
6 1/4" gilsonite/sk

2nd 650 sk 65:35 po₂, 1290 gel, 6 1/4"
gilsonite/sk. 50 sk class "B" near.