

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 ☐		5. LEASE DESIGNATION AND SERIAL NO. Jicarilla 54	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache	
2. NAME OF OPERATOR CHACE OIL COMPANY, INC.		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 313 Washington S.E. Albuquerque, NM 87108		8. FARM OR LEASE NAME Chace Apache	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface Unit "C" 1650' WL & 990 NL At top prod. interval reported below At total depth		9. WELL NO. 4	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUDDED 5-13-78		16. DATE T.D. REACHED 5-22-78	
17. DATE COMPL. (Ready to prod.) 6-21-78		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 7294 GR	
19. ELEV. CASINGHEAD 7296'		20. TOTAL DEPTH, MD & TVD 7467'	
21. PLUG, BACK T.D., MD & TVD 7445'		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY ROTARY TOOLS 0-7467		CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7179 - 7206 7070 - 7108		25. WAS DIRECTIONAL SURVEY MADE Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN Electric 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
8-5/8	26#	250'	10-5/8"
4-1/2	13.5	7445'	7-7/8"
CEMENTING RECORD		AMOUNT PULLED	
225 SXS		None	
750 SXS		None	
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
			SCREEN (MD)
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2-3/8	7150		
31. PERFORATION RECORD (Interval, size and number)			
7179 - 7206 2 shots per foot			
7070 - 7108 2 shots per foot			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
7179-7206		Frac'd w/46,000 gal. slick water 28,500# sd	
7070-7108		Frac'd w/ 51,600 gal slick water & 50,600# sd	
33.* PRODUCTION			
DATE FIRST PRODUCTION 6-8-78		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
WELL STATUS (Producing or shut-in) Shut in - WOPL			
DATE OF TEST 6-21-78	HOURS TESTED 24	CHOKE SIZE 3/4"	PROD'M. FOR TEST PERIOD OIL—BBL. 64 GAS—MCF. 473 WATER—BBL. 0 GAS-OIL RATIO 7,390
FLOW. TUBING PRESS. 120#	CASING PRESSURE	CALCULATED 24-HOUR RATE same as above	OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.) 46
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Shut in - waiting on El Paso to hookup			
35. LIST OF ATTACHMENTS Deviation survey and GOR Test			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED [Signature]		President DATE 6-23-78	

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

INSTRUCTION

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.
Pictured Cliffs	2860	2906	Sand, hd w/gas
Chacra	3188	?	Sd & shale tight
Cliff House	4373	4440	Hard Cry. sand
Gallup	5852	6180	Sdy shale
Greenhorn	7004	7040	Shy sd & lm
Dakota A	7063	7112	Hd sd - oil and gas
Dakota B	7176	7210	Hd sd - gas and oil
Burro Canyon	7350	7440	Coarse sand w/sh strks

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Same:			