

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 ☐
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☒ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐ DEC 1 - 1983

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' - 990' FEL & 900' FNL

At top prod. interval reported below

At total depth.

14. PERMIT NO.
BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

15. DATE SPUDDED 9/12/78 16. DATE T.D. REACHED 9/23/78 17. DATE COMPL. (Ready to prod.) 11/19/83 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7162' GR; 7174' KB 19. ELEV. CASINGHEAD 7164'

20. TOTAL DEPTH, MD & TVD 7313' KB 21. PLUG, BACK T.D., MD & TVD 7002' KB 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 6-7313' 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Dakota 'A': 6836'–6863'; Dakota 'B': 6934'–6967'

25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Induction - electric

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	26	269'	9 5/8"	200 sks. (236 CF)	0
4 1/2"	11.6	7313'	7 7/8"	800 sks. (1300 CF)	0

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	6910' KB	None

31. PERFORATION RECORD (Interval, size and number)

SEE ATTACHED

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
SEE ATTACHED	

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
11/21/83		Swabbing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11/22/83	24	2"	→	27	7	2	259
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
130 PSI	150 PSI	→	27	7	2	43°	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

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

TITLE

President

DATE

11/23/83

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

NMOCC

FARMINGTON RESOURCE AREA

BY

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.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND WELL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Ojo	1972	2180				
Pic. Cliffs	2690	2765				
Cliff House	4150	4208				
Pt. Lookout	4740	4920				
Gallup	5620	6020				
Greenhorn	6750	6800				
Dakota A	6834	6865				
Dakota B	6932	6965				
Dakota D	7025	7072				
Burro Canyon	7108	7160				

ATTACHMENT FOR CHACE APACHE 54-1

#31 - Perforation Record:

Dakota 'B' Original: 6934-6963' - 2 SPF

Recompletion: 6935', 6937', 6939', 6950', 6952', 6954', 6957', 6959',
6961', 6965', 6967' - 2 SPF.

Dakota 'A' Original: 6836'-6860', 2 SPF.

Recompletion: 6843', 6845', 6847', 6849', 6851', 6853', 6855', 6857',
6859', 6861', 6863', - 2 SPF.

Greenhorn : 6755', 6757', 6759', 6768', 6770', 6777', 6785', 6787',
6789', 6797', 6799', 3 SPF

Tocito: 6471', 6473', 6475', 6537', 6544', 6546', 6551', 6553',
6573', 6575', 6577', 3 SPF

Gallup: 5813', 5840', 5842', 5848', 5852', 5854', 5874', 5876',
5885', 5888', 5943', 5946', 5949', 5955', 5957', 5959',
5982', 5984', 5994', 5996', 5998', 6004' - 3 SPF

#32 Acid Fracture:

Dakota 'A')

Dakota 'B')

400 gal 7½% Hcl

107,000 lbs 20/40 sand

3045 bbls water

Greenhorn)

Tocito)

400 gal 7½% Hcl

Gallup

400 gal 7½% Hcl

32,450 lbs 20/40 sand

1,500 bbls water

RECEIVED
DEC 1 - 1983
OIL CON. DIV.
DIST. 3