

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-2345.5.

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 ☐2. NAME OF OPERATOR
Chace Oil Company, Inc.

NOV 18 1986

3. ADDRESS OF OPERATOR
313 Washington SE, Albuquerque, NM 87108 BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface Unit 'P'; 989' FSL & 592' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED 10/20/86 16. DATE T.D. REACHED 10/31/86 17. DATE COMPL. (Ready to prod.) 11/10/86 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7388' GR 19. ELEV. CASINGHEAD 7389'

20. TOTAL DEPTH, MD & TVD 7550' KB 21. PLUG, BACK T.D., MD & TVD 7509.11' KB 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 0-7550' KB 24. ROTARY TOOLS 25. CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Dakota 'D': 7428-7446' Greenhorn: 7195-7211' Gallup: 5951-6493'
Dakota 'A': 7269-7283' Tociito: 6971-6973'

26. TYPE ELECTRIC AND OTHER LOGS RUN

Induction and Density

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24 lb/ft	215' KB	12 1/4"	SEE ATTACHED	None
4 1/2"	11.6 lb/ft	7550' KB	7 7/8"	SEE ATTACHED	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACER SET (MD)
					2 3/8"	7376.29' KB	

31. PERFORATION RECORD (Interval, etc.)

SEE ATTACHED

RECEIVED

NOV 21 1986

OIL CON. DIV.

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 choked)	
11/11/86		Swabbing				Producing	
DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11/12/86	24	2"	→	149	20	45	134
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
0	400	→	149	20	45	43°	

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

To be sold, used for fuel

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 D.W. Miller TITLE PresidentDATE 11/17/86

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

NMOCC

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 23, 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 (drifted, geologic, 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 25.

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 observation is used as reference (where not otherwise shown) for depth measurements given in other spaces of this form and in any attachments. Items 22 and 24: If this well is completed for separate production from more than one interval, 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: "Seals 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		39. WELL COMPLETION OR RECOMPLETION REPORT AND LOG	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS.	DEPTH	TEST PRESS.
Ojo Alamo	2863'	2820'	Sand wet				
Pictured Cliffs	3076'	3146'	Sand & possible gas				
Chacra	3420'	3596'	Shale with sand - no show				
Cliff House	4596'	4656'	Sand and shale - no show				
Point Lookout	5178'	5330'	Sand - no show				
Gallup	5860'	6430'	Sand and shale - oil and gas				
Juana Lopez	6860'	6980'	Sand and shale - possible shows				
Greenhorn	7168'	7230'	Sandy lime - oil and gas shows				
Dakota 'A'	7253'	7394'	Sand oil and gas				
Dakota 'D'	7394'	7498'	Sand - oil and gas				
Buero Canyon	7498'	Still in at T. D.	Sand wet				

Attachments for Jicarilla Apache 47-27 Completion Report:

28. Cementing Record

Spud: Cemented with 170 (200.6 CF) sacks Class B neat, 3% calcium chloride, 1/4 lb/sk DR 29.

First stage: Cemented with 1000 sks (1430 CF) 50/50 pozmix, 2% gel, 6 1/4 lb/sk Gilsonite, 6 lb/sk salt.

Second stage: Cemented with 500 sks (1060 CF) 65/35 pozmix, 6% gel, 12 1/4 lb/sk Gilsonite. Tailed in with 50 sks (59 CF) Class B neat.

29. Perforations

Dakota 'D': 7428', 7430', 7432', 7434', 7436', 7438', 7440', 7442',
7444', 7446', 4 SPF, 40 holes.

Dakota 'A': 7269', 7271', 7273', 7275', 7277', 7279', 7281', 7283',
4 SPF, 32 holes.

Greenhorn: 7195', 7197', 7202', 7207', 7209', 7211', 4 SPF, 24 holes.

Tocito: 6971', 6973', 4 SPF, 8 holes.

Gallup: 5951', 5953', 5969', 5971', 5974', 5977', 6128', 6192',
6196', 6198', 6202', 6222', 6224', 6238', 6251', 6254',
6262', 6266', 6274', 6278', 6305', 6307', 6310', 6312',
6415', 6417', 6419', 6421', 6423', 6425', 6427', 6491',
6493', 3 SPF, 99 holes.

32. Acid, Fracture

Dakota 'D':
250 gal 7 1/2% acetic acid
75,600 lbs 20/40 sand
2,066 bbls water

Dakota 'A':)
Tocito:)
Greenhorn:)
300 gal 7 1/2% Hcl
80,000 lbs 20/40 sand
2,307 bbls water

Gallup:
500 gal 7 1/2% Hcl
125,000 lbs 20/40 sand
3,196 bbls water