

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 ☐

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 'E' - 1785' FNL &amp; 840' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

BUREAU OF LAND MANAGEMENT

FARMINGTON RESOURCE AREA

15. DATE SPUDDED 6/8/85 16. DATE T.D. REACHED 6/20/85 17. DATE COMPL. (Ready to produce) 7/3/85 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 7035' GR 19. ELEV. CASINGHEAD 7036'

20. TOTAL DEPTH, MD &amp; TVD 7196' 21. PLUG, BACK T.D., MD &amp; TVD 7158' KB 22. IF MULTIPLE COMPL., HOW MANY\* —→ 23. INTERVALS DRILLED BY —→ 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

Dakota 'D': 7075'-7130'; Greenhorn: 6874'-6898'; Gallup: 5608'-6087';  
Dakota 'A': 6957'-6984'; Tootie: 6649'-6653'.

26. TYPE ELECTRIC AND OTHER LOGS RUN

Induction Density

25. WAS DIRECTIONAL SURVEY MADE

Yes

27. WAS WELL CORED

No

28. 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	225.59'	12 1/4"	SEE ATTACHED	None
4 1/2"	11.6 lb/ft	7202' KB	7 7/8"	SEE ATTACHED	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	7047' KB	None
						S. N. 8 7011' KB	

31. PERFORATION RECORD (Interval, size and number)

SEE ATTACHMENT

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

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

33.\* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
7/4/85		Swabbing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7/5/85	24	2"	→	111	19	37	171
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
149	163	→	111	19	37	43	

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

Sold, used for fuel

TEST WITNESSED BY

Andy Birdsell

35. LIST OF ATTACHMENTS

ACCEPTED FOR RECORD

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED D. W. Niles TITLE President

DATE July 9, 1985

FARMINGTON RESOURCE AREA

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

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 38, 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 38. 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: "Stocks 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.)

Jicarilla Apache 71-42

## 37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORREL 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.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Ojo Alamo	2230'	2358'	Sand - wet				
Pictured Cliffs	2700'	2747'	Sand - with coal and shale strks - no show				
Chacra	3042'	3724'	Shale - with sand strks - no show				
Cliff House	4202'	4309'	Sand and shale - tite				
Point Lookout	4818'	4967'	Sand - wet				
Gallup	5512'	6150'	Sand and shale - oil and gas				
Juana Lopez	6532'	6659'	Sand and shale - poss shows				
Greenhorn	6850'	6914'	Sandy lime - oil and gas shows				
Dakota 'A'	6954'	7023'	Sand with shale strks - oil and gas				
Dakota 'D'	7068'	7151'	Sand with shale strks - oil and gas				
Burro Canyon	7170'	Still in at TD	Sand - wet				

29. Cement Information

Spud: Cemented with 170 sks (200 CF) Class B cement, 1/4 lb/sk Flocele.  
2% calcium chloride.

Casing: 1st stage: Cemented with 1225 sks (1752 CF) 50/50 pozmix, 2% gel,  
6 1/4 lb/sk Gilsonite, 6 lb/sk salt.

2nd stage: Cemented with 530 sks (1124 CF) 65/35 pozmix, 6% gel,  
12 1/4 lb/sk Gilsonite.

Tailed in with 50 sks (59 CF) Class B neat.

31. Perforation Record

Dakota 'D': 7075', 7095', 7102', 7107', 7109', 7111', 7113', 7117,  
7119', 7121', 7123', 7125', 7130', 4 SPF, 52 holes.

Dakota 'A': 6957', 6959', 6966', 6984', 4 SPF, 16 holes.

Greenhorn: 6874', 6877', 6880', 6885', 6888', 6891', 6894', 6898', 4 SPF,  
32 holes.

Tocito: 6649', 6651', 6653', 4 SPF, 12 holes.

Gallup: 5608', 5627', 5629', 5857', 5866', 5874', 5882', 5889', 5891',  
5915', 5919', 5921', 5963', 5965', 5967', 5972', 6040', 6042',  
6044', 6046', 6048', 6052', 6054', 6072', 6075', 6077', 6079',  
6081', 6083', 6085', 6087', 3 SPF, 93 holes.

32. Acid, Fracture

Dakota 'D')	250 gal 7 1/2% acetic acid
Dakota 'A')	77,500 lbs 20/40 sand
	2,650 bbls water

Greenhorn)	
Tocito )	300 gal 7 1/2% Hcl
	13,900 lbs 20/40 sand
	1,000 bbls water

Gallup	400 gal 7 1/2% Hcl
	138,000 lbs 20/40 sand
	3,650 bbls water