

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 ☐  
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESV. ☐ 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 'B', 510' FNL &amp; 2153' FEL

At top prod. interval reported below

At total depth

## 14. PERMIT NO. DATE ISSUED

BUREAU OF LAND MANAGEMENT

15. DATE SPUDDED 9/5/84 16. DATE T.D. REACHED 9/20/84 17. DATE COMPL. (Ready to prod.) 9/28/84 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 7404' GR, 7417' KB 19. ELEV. CASINGHEAD 7405'

20. TOTAL DEPTH, MD & TVD 7645' KB 21. PLUG BACK T.D., MD & TVD 7599' KB 22. IF MULTIPLE COMPL. HOW MANY\* 23. INTERVALS DRILLED BY 0-7645' KB 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

Dakota 'D': 7491'-7508'; Dakota 'A': 7304'-7342'; Tooto: 7020'-7028'

Dakota 'B': 7410'-7412'; Greenhorn: 7242'-7264'; Gallup: 5964'-6462'

## 26. TYPE ELECTRIC AND OTHER LOGS RUN

Induction and Density

## 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              | 226' KB        | 12 1/4"   | SEE ATTACHMENT   | None          |
| 4 1/2"      | 11.6            | 7645' KB       | 7 7/8"    | SEE ATTACHMENT   | None          |

## 29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE   | DEPTH SET (MD)  | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|--------|-----------------|-----------------|
|      |          |             |               |             | 2 3/8" | 7430' KB        | None            |
|      |          |             |               |             |        | 7396' KB (S.N.) |                 |

## 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) |               |
|-----------------------|-----------------|----------------------------------------------------------------------|-------------------------|----------|------------|------------------------------------|---------------|
| 9/29/84               |                 | Swabbing                                                             |                         |          |            | Producing                          |               |
| DATE OF TEST          | HOURS TESTED    | CHOKE SIZE                                                           | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF.   | WATER—BBL.                         | GAS-OIL RATIO |
| 9/30/84               | 24 hours        | 2"                                                                   | →                       | 120      | 22         | 44                                 | 183           |
| FLOW TUBING PRESS.    | CASING PRESSURE | CALCULATED 24-HOUR RATE                                              | OIL—BBL.                | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API. (CORR.)           |               |
| 145 PSI               | 160 PSI         | →                                                                    | 120                     | 22       | 44         | 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

TITLE

President

DATE October 11, 1984

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

FARMINGTON RESOURCE AREA

BY

NMOCC

Y: D }

tion and pressure tests, and directional surveys, should be attached hereto 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.

Items 22 and 24: If this well's 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: "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.)

### 38. GEOLOGIC MARKERS

871-233

Jicarilla Apache 47-11 Well

Cementing Record:

Cemented 8 5/8" casing with 200 sks (236 CF) of Class B neat, 1/4 lb/sk Flocele, 3% calcium chloride.

Cemented 1st stage: 1050 sks (1501 CF) 50/50 pozmix, 2% gel, 6 1/4 lb/sk Gilsonite, 6 lb/sk salt.

Cemented 2nd stage: 400 sks (932 CF) 65/35 pozmix, 12% gel, 6 1/4 lb/sk Gilsonite.

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

Perforation Record:

Dakota 'D': 7491', 7493', 7495', 7497', 7499', 7501', 7508', 4 SPF, 28 holes.

Dakota 'B': 7410', 7412', 4 SPF, 8 holes.

Dakota 'A': 7304', 7306', 7308', 7310', 7330', 7332', 7334', 7336', 7338', 7340', 7342', 4 SPF, 44 holes.

Greenhorn: 7242', 7248', 7254', 7258', 7260', 7264', 4 SPF, 24 holes.

Tocito: 7020', 7022', 7024', 7026', 7028', 4 SPF, 20 holes.

Gallup: 5964', 5987', 6004', 6016', 6028', 6040', 6053', 6062', 6080', 6159', 6219', 6233', 6279', 6300', 6302', 6338', 6340', 6342', 6345', 6418', 6420', 6432', 6446', 6448', 6450', 6452', 6454', 6456', 6458', 6460', 6462', 3 SPF, 93 holes.

Acid, Fracture:

|              |                         |
|--------------|-------------------------|
| Dakota 'D' ) | 250 gal 7½% acetic acid |
| Dakota 'B' ) | 150,000 lbs 20/40 sand  |
| Dakota 'A' ) | 3,900 bbls water        |

|             |                       |
|-------------|-----------------------|
| Greenhorn ) | 250 gal 7½% Hcl       |
| Tocito )    | 35,250 lbs 20/40 sand |
|             | 1,250 bbls water      |

|         |                        |
|---------|------------------------|
| Gallup: | 400 gal 7½% Hcl        |
|         | 100,000 lbs 20/40 sand |
|         | 2,800 bbls water       |