

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
P.O. BOX 1000  
HOBBBS, NEW MEXICO 88240  
COPIES REQUIRED  
88240 or In-  
structions on  
reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1. TYPE OF WELL: ☒ OIL WELL ☐ GAS WELL ☐ DRY ☐ Other \_\_\_\_\_  
2. TYPE OF COMPLETION: ☒ NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☒ DIFF. RESVR. ☐ Other \_\_\_\_\_

3. NAME OF OPERATOR: Grace Petroleum Corporation  
3a. Area Code & Phone No. (405) 840-6600

4. ADDRESS OF OPERATOR: 6501 N. Broadway, Oklahoma City, OK 73116 Attn: Bill Baswell

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements):  
At surface 660' FEL & 1980' FNL

At top prod. interval reported below same  
At total depth same

9a. API Well No. 30-025-30896  
14. PERMIT NO. \_\_\_\_\_ DATE ISSUED 4/30/90

15. DATE SPUDDED 6/1/90  
16. DATE T.D. REACHED 7/12/90  
17. DATE COMPL. (Ready to prod.) 11/18/90  
18. ELEVATIONS (OF RKB, RT, GR, ETC.)\* KB 3630.1', GL 3603.7'

19. ELEV. CASINGHEAD 3603.7'  
20. TOTAL DEPTH, MD & TVD 13,740'  
21. PLUG BACK T.D., MD & TVD 13,665'  
22. IF MULTIPLE COMPL., HOW MANY\* N/A

23. INTERVALS DRILLED BY \_\_\_\_\_ ROTARY TOOLS XXXX CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL(S) OF THIS COMPLETION (TOP, BOTTOM, NAME (MD AND TVD))\*  
Middle Bone Springs 9402' top, 9703' bottom TVD

25. TYPE ELECTRIC AND OTHER LOGS RUN  
CSL w/DLL - MGRD, CSNG, SFT & CBL

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

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD              | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|-------------------------------|---------------|
| 13-3/8"     | 48 lb/ft        | 480'           | 17-1/2"   | 500 sxs to surface            | none          |
| 8-5/8"      | 28&32 lb/ft     | 5200'          | 12-1/4"   | 3565 sxs to surface           | none          |
| 5-1/2"      | 17&20 lb/ft     | 13,705'        | 7-7/8"    | 2225 sxs (2 stages) TOC@4350' | none          |

| 29. LINER RECORD |          |             |               |             | 30. TUBING RECORD |                |                 |
|------------------|----------|-------------|---------------|-------------|-------------------|----------------|-----------------|
| SIZE             | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE              | DEPTH SET (MD) | PACKER SET (MD) |
|                  |          |             |               |             | 2-7/8"            | 9463'          | A/C @ 9362'     |

31. PERFORATION RECORD (Interval, size and number)  
10,260-326' 4 SPF .38" 264 holes not productive  
CIBP @ 10,200' w/20' cmt  
9414-22', 9444-69', & 9477-9514' 2 SPF .38" 143 holes

| ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                                                                                    |
|--------------------------------------------|------------------------------------------------------------------------------------|
| DEPTH INTERVAL (MD)                        | AMOUNT AND KIND OF MATERIAL USED                                                   |
| 10,260-326'                                | 4000 gal 7 1/2% HCL, 39,500 gal 40 lb gel(50%CO <sub>2</sub> )+78,000lbs 20/40s    |
| 9,414-9,514'                               | 6500 gal 7 1/2% HCL, 54,800 gal 40 lb gel(50%CO <sub>2</sub> )+107,084lbs 20/40 sd |

33. PRODUCTION  
DATE FIRST PRODUCTION 11/18/90  
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping 1-3/4" insert  
WELL STATUS (Producing or shut-in) Shut In  
DATE OF TEST 12/27/90  
HOURS TESTED 24  
CHOKE SIZE \_\_\_\_\_  
PROD'N. FOR TEST PERIOD \_\_\_\_\_  
OIL—BBL. 5  
GAS—MCF. 20 est.  
WATER—BBL. 80  
GAS-OIL RATIO 4000  
FLOW. TUBING PRESS. \_\_\_\_\_  
CASING PRESSURE \_\_\_\_\_  
CALCULATED 24-HOUR RATE \_\_\_\_\_  
OIL—BBL. 5  
GAS—MCF. 20 est.  
WATER—BBL. 80  
OIL GRAVITY-API (CORR.) 41

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) vented  
TEST WITNESSED BY Bill Lynn

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 William P. Baswell TITLE Operations Engineer DATE 1/2/91

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

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, flowing and shut-in pressures, and recoveries):

| FORMATION                     | TOP   | BOTTOM | DESCRIPTION, CONTENTS, ETC.                                                              | GEOLOGIC MARKERS            |             |                            |
|-------------------------------|-------|--------|------------------------------------------------------------------------------------------|-----------------------------|-------------|----------------------------|
|                               |       |        |                                                                                          | NAME                        | MEAS. DEPTH | TOP<br>TRUE<br>VERT. DEPTH |
| Dolomite                      | 3582  | 3590   | fluorescence & cut                                                                       | Bone springs<br>(carbonate) | 8335        | (-4705)                    |
| Sandstone                     | 6204  | 6356   | gas increase (6310-48) OA, fluor, cut,<br>stain                                          | Middle Bone<br>Springs      | 9403        | (-5773)                    |
| Sandstone                     | 8238  | 8280   | gas increase, fluor, cut                                                                 | Wolfcamp                    | 11242       | (-7611)                    |
| Middle Bone Springs           | 9410  | 9420   | gas increase, fluor, cut                                                                 | Strawn                      | 12284       | (-8654)                    |
| Middle Bone Springs           | 9448  | 9508   | OA, gas increase, fluor, cut                                                             | Morrow carbonate            | 12860       | (-9230)                    |
| Bone Springs                  | 9946  | 10020  | OA, gas increase, fluor, cut                                                             | Morrow Clastics             | 13298       | (-9668)                    |
| Bone Springs SS               | 10264 | 10322  | gas increase, fluor, cut                                                                 |                             |             |                            |
| Bone Springs SS               | 10794 | 10798  | gas increase, fluor, cut                                                                 |                             |             |                            |
| Bone Springs SS               | 10884 | 10900  | gas increase, fluor, cut                                                                 |                             |             |                            |
| Wolfcamp<br>Shale & Limestone | 12006 | 12016  | gas increase, fluor, cut, green oil in<br>pit, strong petr. odor, abound. gas<br>bubbles |                             |             |                            |
| Morrow Clastics               | 13300 | 13484  | OA, gas fluctuations                                                                     |                             |             |                            |

JAN 15 1991  
NOTES ON...