

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions reverse side)

Form approved. Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1. TYPE OF WELL: OIL WELL [ ] GAS WELL [X] DRY [ ] Other [ ]

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other [ ]

2. NAME OF OPERATOR: Grace Petroleum Corporation

3. ADDRESS OF OPERATOR: P. O. Drawer 2358, Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\* At surface 660' FSL & 760' FEL (\* Surface location on Fee acreage) At top prod. interval reported below 1300' FSL & 1354' FWL At total depth 1364' FSL & 1243' FWL

14. PERMIT NO. Letter dated 6-14-79 DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

NM-15907 \*

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Felmont Federal

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Salt Lake Morrow, South

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 25, T-20-S, R-32-E

12. COUNTY OR PARISH

Lea

13. STATE

N. M.

15. DATE SPUDDED 7-23-79 16. DATE T.D. REACHED 12-23-79 17. DATE COMPL. (Ready to prod.) 1-22-80 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 3587' GR; 3606' KB 19. ELEV. CASINGHEAD 3585'

20. TOTAL DEPTH, MD & TVD 14417' MD 13612' TVD 21. PLUG BACK T.D., MD & TVD 14331' MD 13532' TVD 22. IF MULTIPLE COMPL., HOW MANY\* --- 23. INTERVALS DRILLED BY ROTARY TOOLS 0 - 14417' CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 14031' - 14287' MD Morrow 13252' - 13492' TVD 25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN Acoustic Cement Bond Micro-Seis Forxo-Guard, Acoustic Velocity Neutron 27. WAS WELL CORED No

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

Table with 5 columns: CASING SIZE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, AMOUNT PULLED. Includes rows for 20", 13 3/8", 9 5/8", and 5 1/2" casing sizes.

29. LINER RECORD 30. TUBING RECORD

Table with 8 columns: SIZE, TOP (MD), BOTTOM (MD), SACKS CEMENT\*, SCREEN (MD), SIZE, DEPTH SET (MD), PACKER SET (MD). Includes row for 2 7/8" tubing.

31. PERFORATION RECORDED (Interval, size and number) 14031 - 14039' 0.42" hole 9 holes 14097 - 14111' 0.42" hole 15 holes 14279 - 14287' 0.42" hole 9 holes Total: 30' - 33 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) None AMOUNT AND KIND OF MATERIAL USED

33. PRODUCTION

DATE FIRST PRODUCTION 2-22-80 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Producing

DATE OF TEST 2-24-80 HOURS TESTED 24 hrs CHOKE SIZE 12/64" PROD'N. FOR TEST PERIOD 29 OIL—BBL. 2200 WATER—BEL. -0- GAS-OIL RATIO 75862

FLOW. TUBING PRESS. 2500 CASING PRESSURE --- CALCULATED 24-HOUR RATE 29 OIL—BBL. 2200 WATER—BEL. -0- OIL GRAVITY-API (CORR.) 58.0

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

35. LIST OF ATTACHMENTS C-122, Directional Survey, Logs

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

SIGNED [Signature] TITLE District Production Manager DATE 2-27-80

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

# 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.)

RECEIVED  
MAR 4 1980  
CONSERVATION DIV.

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, CURSION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Rustler Anhy.	1153'	1153' (+2452)
Delaware Sand	5215'	5215' (-1610)
NOTE: Kickoff point for directional hole was @ 6000'.		
Bone Springs	8140'	8042' (-4437)
Wolfcamp	11606'	11202' (-7597)
Strawn	12592'	12039' (-8434)
Atoka	12970'	12346' (-8741)
Upper Morrow	13600'	12862' (-777)
Lower Morrow	14254'	13460' (-9855)
Barnett Shale	14328'	13529' (-9924)
Total Depth	14417'	13612' (-10007)