

**UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE
(See instructions on reverse side)

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

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 Fed Com

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Undesignated (Atoka)

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

New Mexico

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
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
At top prod. interval reported below Atoka 13362' (Ref. Welex CBL) 1194' FSL & 1659' FWL
At total depth Non-Standard Location Approved by NMOCD 11-21-85 NSL-2191

14. PERMIT NO. DATE ISSUED
Application Approved | 12-13-85

15. DATE SPUDDED RUPU 1-28-86 | 16. DATE T.D. REACHED P.B. 1-30-86 | 17. DATE COMPL. (Ready to prod.) 2-13-86 | 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3587' GR, 3606' KB (Ref) | 19. ELEV. CASINGHEAD 3585'

20. TOTAL DEPTH, MD & TVD MD 14417' | 21. PLUG BACK T.D., MD & TVD MD 13,795' | 22. IF MULTIPLE COMPL., HOW MANY* | 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS
TVD 13612' | TVD 13,036' | → | 0 - 14,417' | ---

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Perfs. MD 13,362'-13,372' (Ref. Welex CBL Log) | 25. WAS DIRECTIONAL SURVEY MADE
TVD 12,663'-12,671' | Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN 12-23-79 Welex GR-Acoustic Velocity Neutron Log, Welex GR-Guard Forxo, 1-12-80 Welex Microseismogram CBL. | 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
20"	94#	1208	26"	2210 sx.	None
13-3/8"	61#	2776	17-1/2"	1730 sx.	None
9-5/8"	40#	5210	12-1/4"	1800 sx.	None
5-1/2"	17#	14387	8-1/2"	350 Hall Lite & 1000 CL."H"	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	13266'	13266'

31. PERFORATION RECORD (Interval, size and number)
13,362'-13,372' (11 holes, 0.41")

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
13362'-13372'	250 gals. Acetic acid 2000 gals. 7-1/2% Morrow Flo BC acid & 2000 gals. Methyl Alcohol

33.* PRODUCTION

DATE FIRST PRODUCTION 2-13-86 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing | WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2-16-86	24	3/4"	→	7	134	0	19,143

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
630	Pkr.	→	7	134	0	48

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

35. LIST OF ATTACHMENTS
C-122 Multipoint and One Point Back Pressure Test For Gas Wells, BHP Report C-124

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

SIGNED Buddy J. Knight | TITLE District Operations Manager | DATE 2-26-86

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

CARLSBAD, NEW MEXICO
MAR 3 1986

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