

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
HOBBS, NEW MEXICO 88240

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM 14790

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

West Tonto "A" Fed. Comm.

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Undesignated

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

Sec. 25, T-19-S, R-32-E

12. COUNTY OR PARISH

Lea

13. STATE

New Mexico

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Grace Petroleum Corporation

3. ADDRESS OF OPERATOR

P.O. Drawer 2358, Midland, Texas 79702-2358

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface

2480' FSL & 660' FWL of Sec. 25

14. PERMIT NO.

Letter 9-21-81

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

3587.6 GR (After MI), 3604.4 K.B.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other) Intermediate Casing

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

12-26-81 Ran 8-5/8" casing as follows:

Casing Shoe

1.68'

1 Jt. 8-5/8", 32#, S-80, ST & C, 8R

36.73'

Float Insert

0

16 jts., 8-5/8", 32#, S-80, ST & C, 8R

704.36'

25 Jts. 8-5/8", 28#, S-80, ST & C, 8R

1109.55'

DV Tool, 8-5/8"

3.62'

15 Jts. 8-5/8", 28#, S-80, ST & C, 8R

648.23'

55 Jts. 8-5/8", 24#, S-80, ST & C, 8R

2408.25'

1 Jt. 8-5/8", 32#, S-80, ST & C, 8R

46.64'

113 Jts.

4959.06'

Less Above K.B.

9.06'

8-5/8" set @

4950'

Stage Tool @ 3103' from surface.

Cement first stage w/455 sx. of Class "C" cement w/2% Silicate, 8#/sk. salt, 5#/sk. Gilsonite, 1/4#/sk. Cello-flake, & 200 sx. Class "C" w/2% CACL₂. Open stage tool. Cemented 2nd stage w/180 sx. cement thru stage tool.

W.O.C. time 19 1/2 hrs.

Continued on Pg. 2

18. I hereby certify that the foregoing is true and correct.

SIGNED Buddy J. Knight

TITLE Dist. Prod. Manager

DATE 1-25-82

(This space for Federal or State office use)

APPROVED BY ACCEPTED FOR RECORD
CONDITIONS OF APPROVAL OF CHAPMAN

TITLE

FEB 1 1982

*See Instructions on Reverse Side

U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

JAN 27 1982
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

12-27-81 Ran temperature survey & found top of cement @ 2670' down. Set CIBP @ 2550'. Perforated 8-5/8" casing @ 2546'-2548' w/four 1/2" shots.

12-28-81 Cemented thru perforations w/ 1900 sx. Class "C" cement w/2% silicate, 8# salt/sk., 1/4# celloflakes/sk., followed by 200 sx. Class "C" w/ 2% CaCl₂. Cement did not circulate. W.O.C. 18 hrs. Temperature survey showed top of cement @ 1360' down. Ran CIBP & set @ 1245'.

12-29-81 15 hrs. recovering setting tool & fishing tools. Perforated 8-5/8" casing w/four 1/2" holes @ 1243'. Cemented thru perforations w/ 1000 sx. Class "C" cement. Circulated out 270 sx. Job complete @ 2:30 P.M. 12-29-81. W.O.C.

12-31-81 Drilled cement from 1223'-1243'. Tested perf. w/1650 psig. Press bled off to 900 psi. Squeeze perforations 1223'-1243' w/250 sx. Class "C". W.O.C. Test perfs. Pumped in @ 2 BPM @ 1000 psi.

1-1-82 Cement w/1250 sx. Class "C" cement. W.O.C. Drilled cement to 1239'. Pressure test to 1650 psig. Would not hold.

1-2-82 Cemented w/250 sx. Thix cement & 250 sx. Class "H" cement w/2% CaCl₂. Press. test to 1650 psig did not hold.

1-3-82 Squeezed w/500 Thix cement. C.O. to CIBP @ 1245'. No cement inside. Spot 150 sk. cement plug across perfs.

1-4-82 Drld. 110' cement. Tested perfs @ 1600 psig. Did not hold. Squeezed w/500 sx. Class "H" w/3% Ca Cl₂, 5# salt/sk. & 1/4# Flocele/sk.

1-5-82 Tagged cement @ 877'. Drilled out cement. Tested perfs. to 200 psig. Did not hold. Set cement retainer. Attempt to squeeze. Pumped 22 bbls. of brine water @ 1/4 BPM and 2000 psig max. press. Drilled out cement retainer.

1-6-82 Tested perfs. @ 200 psig for 30 min. Held O.K. Drilled CIBP @ 1245' & cement to 1316'. Started drilling on junk.

1-7-82-1-9-82 Fishing & CO to CIBP @ 2550'.

1-9-82 Tested perfs. from 2546' to 2548' to 240 psig for 30 min. Held O.K.

1-9-82 to 1-15-82 Running fishing tools, mills and junk baskets, cleaning out wellbore.

1-15-82 to 1-19-82 Milling & drilling on junk @ 2507'.

1-19-82 Ran in hole w/bit. Drilled on junk and CIBP @ 2550'. Drilled CIBP & ran in the hole to 3089'. Circulated hole @ 3089'. Pull out of hole w/bit. WOO to P & A.