Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

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MAR 07 1986
BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

5. LEASE DESIGNATION AND SERIAL NO.: SF-078532

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

1. OIL WELL ☐ GAS WELL ☒ OTHER

8. FARM OR LEASE NAME: Mesa A

2. NAME OF OPERATOR: Grace Petroleum Corporation

9. WELL NO.: 25-3

3. ADDRESS OF OPERATOR: 143 Union Blvd - Ste 760, Lakewood, CO 80228

10. FIELD AND POOL, OR WILDCAT: Escrito-Lybrook/Gallup

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface:
SW SW Section 25
960' FSL & 960' FWL, Section 25

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 25, T24N-R7W

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6911' GL, 6925' KB

12. COUNTY OR PARISH: Rio Arriba

13. STATE: NM

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	X	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	X	CHANGE PLANS	☐	(Other)			
(Other)				(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.)*

See attached workover and stimulation procedure.

The recommended fracture will be a ± 15,000 gal 70% quality foamed diesel with ± 15,000 lbs 20/40 sand under conditions of 12 BPM at ± 5500 psi via 2-3/8" tubing.

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MAR 27 1986
OIL CON. DIV.
DIST. 3

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

SIGNED William P. Baswell III TITLE Operations Engineer DATE 3/4/86

(This space for Federal or State office use)

APPROVED

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

MAR 25 1986

AREA MANAGER

*See Instructions on Reverse Side

NMOCC

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the [illegible] matter within its jurisdiction.

Procedure to Squeeze Casing Leak
and Refracture Gallup
Mesa #25-3

1. MIRU service rig.
2. NU BOP.
3. Kill well.
4. Release Baker Model 'R' @ 5386'.
5. TOOH w/tbg & pkr. LD pkr.
6. PU Baker Model 'C' RBP & test pkr. RIH & set RPB @ ± 5350'.
7. Pull pkr up ± 50' & test RBP to 4000#. If tests good, spot 2 sxs sand on RBP.
8. Isolate csg leak once again @ ± 4413'.
9. Establish rate dn tbg. Press. test backside to 500#.
10. Release test pkr & POOH.
11. PU cement retainer. RIH w/retainer & set ± 40' above top of casing leak.
12. POOH w/setting tool.
13. PU stinger & RIH hydrotesting tbg above slips to ± 5000#.
14. Sting into retainer. Establish rate. Press. test backside to 500# once again.
15. Sting out of retainer. Mix & pump 75 sxs Class 'G' cement w/2% CaCl.
16. Displace cement within 2 bbl of stinger. Sting into retainer. Pump 4 bbl cement into csg leak. Shut down & wait 15 min. Pump 2 bbl cement - wait 15 min. Continue w/2 bbl cement & waiting 15-20 min in between each squeeze.
17. If squeeze doesn't lock up, clear perfs plus 5 BW over. Sting out of retainer, reverse circ. to clean up tool.
18. Mix & pump an additional 75 sxs Class 'G' cement w/2% CaCl. Repeat squeeze procedure as before.
19. If 1st squeeze locks up, sting out of retainer & leave ± 1/2 to 1/4 bbl cement on retainer. Pull up & reverse circ. to clean up tools.
20. Once squeezed off, WO cement ± 36 hrs.

21. RU drill out equipment.

22. Drill out cement & retainer.

23. POOH w/drill out equipment.

24. RIH w/test pkr & test squeeze to ± 1000#.

25. If tests good, circ. sand off RBP & retrieve RBP.

26. POOH w/pkr & RBP.

27. LD RBP & pkr.

28. RIH w/Baker Model 'R' pkr.

29. MIRU service company for frac job.

30. Set pkr & press. up backside to 1000#.

31. Fracture Gallup as per service company recommendation.

32. Hold 1000# on backside throughout fracture (estimated rates & press. = 12 BPM @ 5500#).

33. RD service company.

34. Start flowing back nitrogen to clean up. Start out flowing on 10/64" choke to frac tank.

35. If well loads up & dies, RU to swab.

36. Swab to recover load & kick off well.

37. Once cleaned up, turn sales line.

LEASE Mesa

LOCATION SW SW Sec. 25-27N-7W

COUNTY Rio Arriba

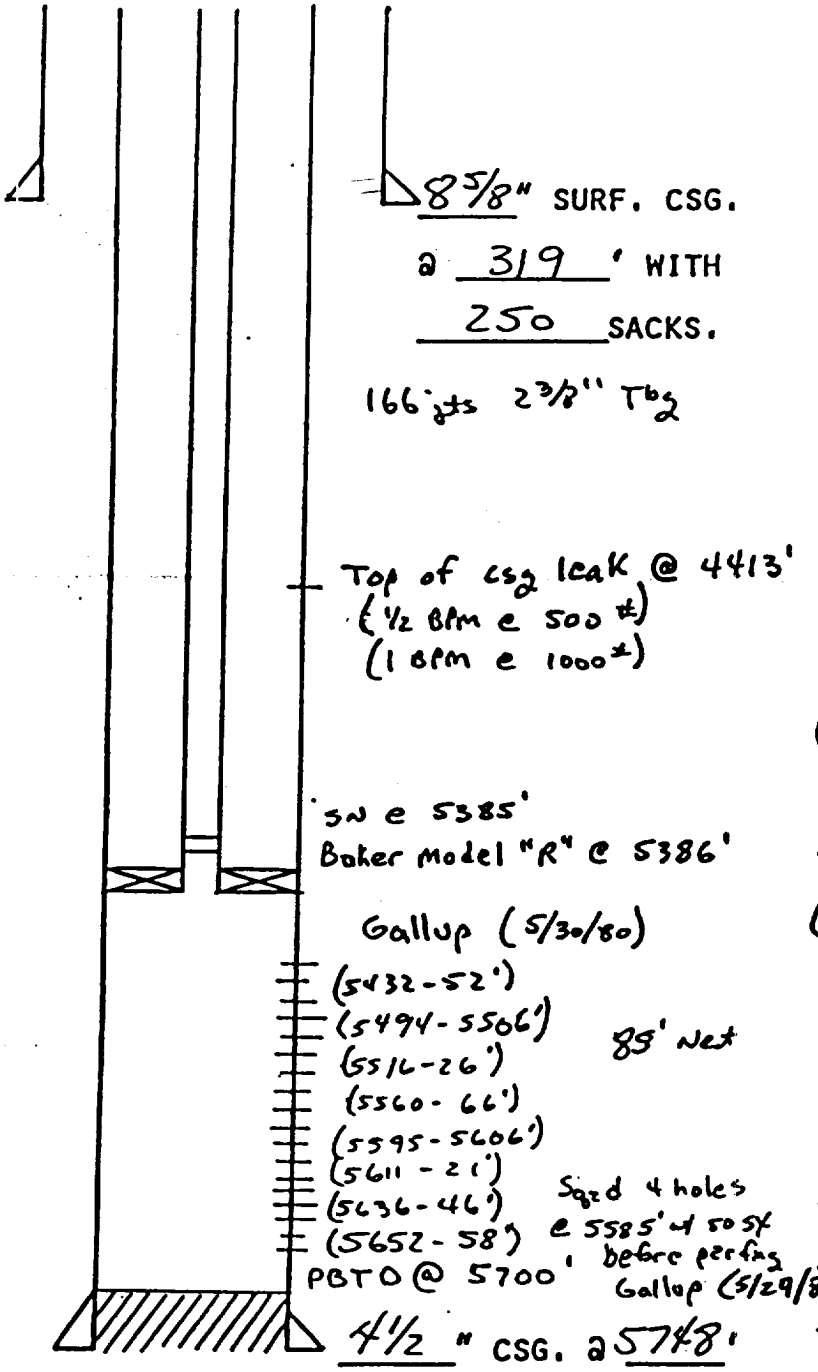
WELL NO. A-3

FIELD Escrito-Lybrook

STATE New Mexico

TD 5748' KB 6925'

DF _____ GL 6911'



COMPLETION INTERVALS:

WELL HISTORY:

(5/31/80) Acidized w/ 1800 gal 7½% spearhead acid + 50 frac balls Treated @ 5 BPM @ 2500# + ball out @ 4200#

(6/1/80) Fraced w/ 66,000 gal fld + 96,000# 20/40 sand, Flushed w/ 88 BBL fld. Treated @ 46 BPM @ 2800#

IP'd @ 5 BOPD, trace BWPD, 10 MCFPD

REMARKS: