

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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

1 MAR 27 AM 10:55
638 FARMINGTON, N.M.

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other Coal Seam

2. Name of Operator

Great Western Drilling Co.

3. Address and Telephone No.

2550 La Plata Hwy, Farmington, NM 87401

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1430' FSL, 840' FWL, NW/SW, Sec. 15, T-31N, R-11W

5. Lease Designation and Serial No.

SF-078051

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Neal Gas Com "A" #1

9. API Well No.

30-045-28104

10. Field and Pool, or Exploratory Area

Basin Fruitland Coal

11. County or Parish, State

San Juan, NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Perforate & frac
+ test 4 1/2" casing
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

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

13. 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.)

1-10-91 L & M test 4 1/2" casing to 4000# held o.k.

1-11-91 Blue Jet perforate 4 1/2" casing.

1-13-91 Western Co. frac Fruitland coal w/388,500 gals fresh slick water + 105,000# 100 mesh sand.

RECEIVED
APR 08 1991
OIL CON. DIV.
DIST. 13

ACCEPTED FOR RECORD

APR 04 1991

FARMINGTON RESOURCE AREA

BY

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

Signed D.E. Baugh

Title Dist. Superintendent

Date 3-21-91

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

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APR 27 AM 10:55
FARMINGTON, N.M.

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other Coal Seam

2. Name of Operator

Great Western Drilling Co.

3. Address and Telephone No.

2550 La Plata Hwy, Farmington, NM 87401

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1290' FNL, 790' FEL, NE/NE, Sec. 14, T-31N, R-11W

5. Lease Designation and Serial No.

SF-078040

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Neil Gas Com "A" #1

9. API Well No.

30-045-28104

10. Field and Pool, or Exploratory Area

Basin Fruitland Coal

11. County or Parish, State

San Juan, NM

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☐ Conversion to Injection
☐ Dispose Water

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

13. 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.)

11-15-90 L & M test 4 1/2" casing to 4000# held o.k.

1-11-91 Blue Jet perforate 4 1/2" casing.

1-13-91 Western Co. frac Fruitland Coal w/388,500 gals fresh water
+ 105,000# 100 mesh sand.

RECEIVED
APR 28 1991
OILCON. DIV
DIST. 3

ACCEPTED FOR RECORD
APR 24 1991
FARMINGTON RESOURCE AREA
BY

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

Signed

D. E. Baughman

Title Dist. Superintendent

Date 3-21-91

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

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. REVR. ☐ Other ☐
2. NAME OF OPERATOR
GREAT WESTERN DRILLING CO.
3. ADDRESS OF OPERATOR
2550 La Plata Hwy, Farmington, NM 87401
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface
At top prod. interval reported below
At total depth

1290' FNL & 790' FEL
NE/NE A

14. PERMIT NO. 30-045-28104
DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

SF-078040

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Neil Gas Com "A"

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Basin Fruitland Coal

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

Sec. 14, T-31N, R-11W

12. COUNTY OR PARISH

San Juan

13. STATE

NM

19. ELEV. CASINGHEAD

15. DATE SPUDDED

10-8-90

16. DATE T.D. REACHED

10-12-90

17. DATE COMPL. (Ready to prod.)

4-4-91

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

5903' GR

20. TOTAL DEPTH, MD & TVD

2785

21. PLUG, BACK T.D., MD & TVD

2715

22. IF MULTIPLE COMPL. HOW MANY*

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)

2283-2584

RECEIVED
JUN 7 1991

yes, 500' intervals

26. TYPE ELECTRIC AND OTHER LOGS RUN

Spectral Density w/caliper, Micro & coal analysis

OIL CON. DIV.
DIST. 3

27. WAS WELL CORRED

No

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

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|----------------------------|----------------|
| 8-5/8" | 23# | 261 | 12 1/4" | 337 cu. ft. class "B" + 2% | CaCl |
| 4 1/2" | 10.5# | 2785 | | 550 cu. ft. Howco lite + 3 | 77 cu. ft. |
| | | | | class "B" f/w 177 cu. ft. | class "G" neat |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|--------|----------------|-----------------|
| | | | | | 2-3/8" | 2584' | None |

31. PERFORATION RECORD (Interval, size and number)

2337-39, 2535-40, 2543-45, 2556-72,
2579-83, (29') total 58 holes

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

DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED
No acid - frac w/389.130 gals fresh slick water
w/125,000# 100# mesh sand in 11 stages

33.* PRODUCTION

| | | | | | | | |
|-----------------------|-----------------|--|-------------------------|----------|------------|------------------------------------|---------------|
| DATE FIRST PRODUCTION | | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) | | | | WELL STATUS (Producing or shut-in) | |
| 4-24-91 | | flowed | | | | S.I. W.O. pipeline | |
| DATE OF TEST | HOURS TESTED | CHOKED SIZE | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF. | WATER—BBL. | GAS-OIL RATIO |
| 4-24-91 | 4 | 3/4 | → | 0 | 231.6 | 7.5 | |
| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL—BBL. | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.) | |
| 155 | 395 | → | 0 | 1390 | 180 | | |

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

Vented

35. LIST OF ATTACHMENTS

See back side

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

SIGNED D.E. Bayles TITLE Div. Superintendent

FARMINGTON RESOURCE AREA
JUN 7, 1991

*(See Instructions and Spaces for Additional Data on Reverse Side) BY 643

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. |
|-----------|-----|--------|-----------------------------|
| | | | |

38. GEOLOGIC MARKERS

| NAME | TOP | |
|--|-------------|--|
| | MEAS. DEPTH | TRUE VERT. DEPTH |
| Nacimientos Ojo Alamo Kirtland Sh. Kirtland Fm. Top coal | | Surface 933' 1044' 2155' 2257' |