

DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

(Other instructions on reverse side)

Expires August 31, 1993

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.)

5. LEASE DESIGNATION AND SERIAL NO.

SF-078046

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Hughes B

9. WELL NO.

#15

10. FIELD AND POOL, OR WILDCAT

Basin FT Coal

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

Sec19-T29N-R8W

12. COUNTY OR PARISH

San Juan

13. STATE

NM

1. OIL WELL ☐ GAS WELL ☒ OTHER Coalbed Methane 91 MAY -3 PM 12:40

2. NAME OF OPERATOR

McKenzie Methane Corporation

019 FARMINGTON, N.M.

3. ADDRESS OF OPERATOR

1911 Main Ave., #255, Durango, Colorado 81301

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

At surface

1790' FNL, 1240' FEL

14. PERMIT NO.

API 30-045-27844

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

6470' GR

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) Completion Report

(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

RECEIVED

MAY 29 1991

OIL CON. DIV.  
DIST. 3

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

SIGNED AG Sayle / CS

TITLE Operations Manager

DATE 5/2/91

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

MAY 29 1991

FARMINGTON RESOURCE AREA

BY CS

\*See Instructions on Reverse Side

NMCOO

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 United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**MCKENZIE METHANE CORPORATION**  
**DAILY COMPLETION REPORT**  
**Durango Office**

- 4-25-91      **Hughes B #15 (New Well Completion)**  
Sec19-T29N-R8W, San Juan Co., NM  
PBTD: 3090'      TD: 3145'  
AART: TIH w/ packer & RBP  
DAILY: MIRU Triple P #3. NDWH. NUBOP. Run GR/CCL/CBL from PBTD to 2700'. PT csg to 4000#. Perf coals w/ 4" csg gun 4 SPF as follows: 2839-44, 2850-56, 2942-50, 2954-82, 3006-11, 3024-44. Breakdown perfs & establish rate of 25 BPM @ 1200 Psig. SD. ISIP = 400#. Frac gradient = .60 psi/ft. Start frac w/ 700N2 foam @ 40 BPM & 2600#. Pressure increased to 3400# when 1# sand hit perfs. Cut sand & flush. Re-establish rate @ 50 BPM & 3400#. SD. ISIP = 2700#. Shut well in for 1 hr & open to pit overnight.
- 4-26-91      **Hughes B #15 (New Well Completion)**  
Sec19-T29N-R8W, San Juan Co., NM  
PBTD: 3090'      TD: 3145'  
AART: Flow well to pit over weekend.  
DAILY: Kill well. TIH w/ pkr & RBP in tandem. Set RBP @ 3050'. Set pkr @ 2999'. Acidize w/ 500 gals 7-1/2% DI HCl. Pumped @ 8 BPM & 2700#. Broke to 2000#. ISIP = 500#. Gradient = .60 Psi/ft. Release RBP & reset @ 2998'. Set pkr @ 2936' & acidize w/ 700 gals 7-1/2% HCl. Pumped @ 9 BPM @ 3000#. Broke to 1750#. ISIP = 200#. Gradient = .50 Psi/ft. Release pkr & RBP & POOH. Acidize w/ 300 gals 7-1/2% HCl & 370 RCN ball sealers. Pumped @ 30 BPM @ 400#. Had good ball action. Max pressure = 3100#. Did not ball off. ISIP = 950#. Gradient .76 Psi/ft. TIH w/ 4-3/4" bit & tbg & knock balls off perfs. Frac well down csg w/ 80,000 gals 70 Q N2 foam & 93,000# 12/20 sand. Treated @ 30 BPM & 2250#. Pressure increased to 3700# @ start of 3# stage. Flush to top perf & SD. ISIP = 3673#. Open well to pit through 1/2" tapped bullplug.
- 4-29-91      **Hughes B #15 (New Well Completion)**  
PBTD: 3090'      TD: 3145'  
AART: FWTCU  
DAILY: Well blowing slightly. TIH w/ 2-3/8" tbg open-ended. Tagged sand below bottom perf. C/O sand & ball sealers to 3090'. PU & land tbg @ 2998'. NDBOP & NUWH. Kick well around w/ N2 & leave well open to pit.  
RDMOSU. Final report,