

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SEE REVERSE SIDE
(Other instructions on re-verse side)

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.)

5. LEASE DESIGNATION AND SERIAL NO.

SE- 077952

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Angel Peak 24 L

9. WELL NO.

#9

10. FIELD AND POOL, OR WILDCAT

Basin Fruitland Coal

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

Sec. 24- T27N-R10W

12. COUNTY OR PARISH

San Juan

13. STATE

NM

14. NAME OF OPERATOR
Oil Well Gas Well OTHER Coalbed Methane

McKenzie Methane Corporation

15. ADDRESS OF OPERATOR

1911 Main Ave. #255, Durango, Colorado 81301

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

2075' FSL, 1285' FWL

17. PERMIT NO.

API # 30-045-27839

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

6213' GR

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

Drilling Report

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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

19. 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

OCT 28 1990

OIL CON. DIV.
DIST. 3

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

SIGNED

[Signature]

TITLE

Operations Manager

DATE

9-26-90

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

ACCEPTED FOR RECORD

OCT 12 1990

FARMINGTON RESOURCE AREA

BY

[Signature]

*See Instructions on Reverse Side

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 DRILLING REPORT
Durango Office

9/9/90

Angel Peak 24L #9
Sec. 24, T27N, R10W, San Juan Co., N.M.
AART: Drilling DEPTH: 170'
DAILY: MIRU Jack D. Cook #3. Drill rat & mouse hole.
SPUD 12-1/4" hole @ 4:00 A.M. 9/10/90.
MUD: Spud
Surveys: N/A

9/10/90

Angel Peak 24L #9
Sec. 24, T27N, R10W, San Juan Co., N.M.
AART: DRLG DEPTH: 278'
DAILY: Drill to 278' w/ bit #1. Circulate & TOOH.
Rig up & run 6 jts. (258') 8-5/8", 24#, K55, STC
csg set @ 270'. Cement w/ 250sx (295 cu ft) class B,
2% CaCl. PD @ 11:30 A.M. 9-10-90. Circ. 6 bbl cmt
to surface. WOC. Cut off csg & weld on bradenhead.
PT to 1000#. NUBOP & PT to 1000#. RIH w/ bit #2.
Drill out plug & open hole to 278'.
MUD: water
SURVEYS: 278'-3/4

9/11/90

Angel Peak 24L #9
Sec. 24, T27N, R10W, San Juan Co., N.M.
AART: TFB DEPTH: 1380'
DAILY: Drill to 1380' w/ bit #2. TFB #2.
MW: 8.8 Vis: 35
SURVEYS: 876'- 1-1/2, 1218'-1.

9/12/90

Angel Peak 24L #9
Sec. 24, T27N, R10W, San Juan Co., N.M.
AART: Rig repair. DEPTH: 1798'
DAILY: TIH w/ bit #3 & drill to 1798'. SD for rig
repair. MW: 9.0 Vis: 36 Surveys: 1380' - 2,
1700' - 3/4.

- continued -

MCKENZIE METHANE CORPORATION
DAILY DRILLING REPORT
Durango Office

9/13/90 Angel Peak 24L #9
Sec. 24, T27N, R10W, San Juan Co., N.M.
AART: Logging DEPTH: 2135'
DAILY: Drill to TD @ 12:30 A.M. 9-14-90. Circulate &
TOOH. RU Atlas to log openhole. MW: 9.0 Vis: 70
Surveys: 2130' - 1/4

9/14/90 Angel Peak 24L #9
Sec. 24, T27N, R10W, San Juan Co., N.M.
AART: Waiting on completion. DEPTH: 2135'
DAILY: Log openhole. TIH & circulate for casing. TOOH
& LDDP. Run 73 jts (2145') 4-1/2", 10.5#, K55, STC
csg. set @ 2128'. Float collar @ 2096'. Cement w/ 320
sx (589 cu ft) 65/35 POZ, 6% gel, 1/4#/sx cellophane
flakes followed by 125 sx (151 cu ft) 50/50 POZ 2% gel,
1/4#/sx cellophane flakes. PD @ 12:45 A.M. 9/15/90.
Circulate 10 bbl cmt. Set slips & cut off csg. Release
rig. MUD: N/A Surveys: N/A

Form 100-5
(October 1983)
(formerly O-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1001-0118
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.)

3. LEASE DESIGNATION AND SERIAL NO.
C 77452
SE-077329

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Angel Peak 24 L

9. WELL NO.
#9

10. FIELD AND POOL, OR WILDCAT
Basin Fruitland Coal

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA
Sec 24, T27N, R10W

12. COUNTY OR PARISH 13. STATE
San Juan NM

14. TYPE OF WELL: OIL WELL GAS WELL OTHER Coalbed Methane
NAME OF OPERATOR
McKenzie Methane Corporation
ADDRESS OF OPERATOR
1911 Main Ave., #255, Durango, Colorado 81301

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

2075' FSL, 1285' FWL

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
6204 GR

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

LESS WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other)
PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(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
DEC 17 1990
OIL CON. DIV.
DIST. 2

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

SIGNED P. J. Sagle / cs TITLE Operations Manager DATE 10-16-90
(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____ ACCEPTED FOR RECORD

NOV 26 1990

*See Instructions on Reverse Side

FARMINGTON RESOURCE AREA

19. 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**

- 10-10-90 Angel Peak 24L #9 (NEW WELL COMPLETION)
SW/4 Sec24-T27N-R10W, San Juan Co., NM
PBID: N/A TD: 2135'
AART: Log, PT, Perforate, Frac.
DAILY: MIRU Triple P Well Service. NDWH & NUBOP.
Tally, pick-up, & RIH w/ 3-7/8" bit on 2-3/8" tbg
Tag PBID @ 2089'. Circulate hole clean & TOOH.
SDON.
- 10-11-90 Angel Peak 24L #9 (NEW WELL COMPLETION)
SW/4 Sec24-T27N-R10W, San Juan Co., NM
PBID: 2089' TD: 2135'
AART: TIH w/ tbg set RBP.
DAILY: Run GR/CCL/CBL from PBID to 1700'. PT csg to
3000#. Perforate lower coals w/ 3-1/8" csg gun 4 SPF
from 2014-17', 2030-54'. Frac down csg w/30,000 gals
70 Q N2 foam & 39,600# 40/70 & 20/40 sand. Treated @
30 BPM & 2300#. Max pressure 2500#. Flush to top
perf w/water & SD. ISIP = 1040#. Wait 1 hour.
Lubricate in hole & set 4-1/2" RBP @ 1993'. PT RBP to
2000#. Perforate upper coals w/3-1/8" csg gun 4 SPF
from 1025-43', 1945-55', 1966-71'. Start frac & hit
max pressure after 8 bbl. Bleed off pressure.
Attempt to break down perfs w/water. Pumped 2 bbl &
maxed out @ 3000#. TIH w/ tbg. Well started unload-
ing & died. Tag up @ 1903'. C/O sand to 1999'. Plug
moving downhole. TOOH & pick up retrieving head. TIH
& tag plug @ 1999'. Release RBP & POOH. Well blowing
strong. Open to pit overnight.
- 10-12-90 Angel Peak 24L #9 (NEW WELL COMPLETION)
SW/4 Sec24-T27N-R10W, San Juan Co., NM
PBID: 2089' TD: 2135'
AART: FWICU
DAILY: Well blowing slightly. TIH w/ RBP & pkr on
tbg. Well began flowing sand. Kill well, RIH & set
RBP @ 2003'. TOOH w/5 stands. RIH & set pkr @ 2000'.
PT RBP to 1000#. Release pkr & reset @ 1875'. Pump
into perfs @ 3 BPM @ 600#. SD. Release pkr & POOH.
Frac well down csg w/ 27,000 gals 70 Q N2 foam &
31,800# 40/70 & 20/40 sand. Treated @ 30 BPM & 1900#.
Max pressure 2110#. Flush to top perf & SD. ISIP =
1555#. Shut well in for 2 hrs & flow back to pit
through 1/2" tapped bullplug. Leave well open over
weekend.

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

10-15-90

Angel Peak 24L #9 (NEW WELL COMPLETION)

SW/4 Sec24-T27N-R10W, San Juan Co., NM

PBTD: 2089' TD: 2135'

AART: FWTCU

DAILY: TIH w/ retrieving head on tbg. C/O to RBP w/
foam. Release RBP & POOH. TIH w/ tbg & SN 1 jt up.

C/O to PBTD w/ foam. Pull up & land tbg @ 1999'.

NDBOP & NUWH. Kick well around w/ nitrogen & leave
flowing to pit to clean-up. RDMOSU.

FINAL REPORT: All costs included.