

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

SUBMIT IN TRIPLICATE

070 FARMINGTON, NM

5. Lease Designation and Serial No.

NM-014110

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

Walker

9. API Well No.

5

10. Field and Pool, or Exploratory Area

Blanco Pictured Cliff

11. County or Parish, State

San Juan, NM

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Koch Exploration Company

3. Address and Telephone No.

P.O. Box 489, Aztec, NM 87410 (505) 334-9111

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

A Sec. 13, T31N - R10W  
1140' FNL + 1050' FEL

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

☐ 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.)\*

We plan on plugging back this Pictured Cliff well to evaluate the Basin Fruitland Coal Zone. The prior Sundry Notice that was filed on 4-23-96 for Plug and Abandonment of well. If the Basin Fruitland Coal does not make an economical well we will resubmit a Sundry Notice for Plug and Abandonment of the well. Please Cancel the APD's for Walker 5C and Walker 5R that were submitted earlier.

Proposed Plug Back to Basin Fruitland Coal Procedures are as follows:

N.U. BOP and set a plug in 4 1/2" 10.5# casing @ 3317' (50' above top perms in Pictured Cliff). Hydrotest casing to 500#. Perforate the Basin Fruitland coal from 2825' to 3264'. We will complete well with a 2 stage frac job through 2 7/8" tubing and a 4-1/2" packer. Please see attachments for frac volumes and perforation details. Also find attached a C-102 form for acreage dedication of Basin Fruitland Coal. If well is productive we will produce gas to El Paso pipeline system.

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

Signed

*[Signature]*

Title

Foreman

Date

9-24-96

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

A P E D

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.

\*See Instruction on Reverse Side

MAJUD

7 1998

*[Signature]*

## BJ SERVICES COMPANY

OPERATOR: KOCH EXPLORATION  
WELL: WALKER #5  
FORMATION: LOWER FRUITLAND COAL

### WELL DATA

|                             |  |
|-----------------------------|--|
| Depth to Middle Perforation | 3,219 ft   |
| Tubing                      | 2-7/8" TO 3150'  |
|                             | FRAC STRING  |
| Packer Depth                | 3,150 ft   |
| Casing                      | 4-1/2", 10.5#  |
| Fracture Gradient           | 1.00 psi/ft  |
| Bottom Hole Frac Pressure   | 3,219 psi  |
| Bottom Hole Temperature     | 100 deg F  |
| Perforated Interval         | 3173',3183',3193',<br>3195',3197',3199',<br>3205',3210',3252',<br>3254',3256',3258',<br>3264' (@ 2 JSPF) |
|                             | TOTAL OF 26 HOLES @<br>.45   |

**BJ SERVICES COMPANY****Treatment Requirements for: L. FRUITLAND COAL****ACID BALLOFF: 520 GALLONS 15% HCL ACID**

*Containing per 1000 Gallons:*  
5.00 Gallons FERROTROL-300L, IRON CONTROL  
2.00 Gallons I-22, CORROSION INHIBITOR

B/D WITH 15% HCL ACID. BALLOFF DOWN 2-7/8" 6.5# TBG SET AT 3150'  
WITH 38 7/8" 1.3 S.G. RCN BALL SEALERS. MAX PRESSURE IS 6500 PSI

**FRAC FLUID: 25,776 GALLONS 70Q N2 FOAM**

*Pumped Volumes:*  
7,728 Gallons GW-27

*Mixed Volumes:*  
9,728 Gallons GW-27

*Containing per 1000 Gallons:*  
1.00 Gallons AQUA FLOW, SURFACTANT  
30.00 Pounds GW-27, GELLING AGENT  
5.00 Gallons FAW-1, FOAMING AGENT  
1.00 Pounds GBW-10, GEL BREAKER  
1.00 Pounds GBW-5, GEL BREAKER  
0.38 Pounds XCIDE-207, BACTERIACIDE  
3.00 Pounds SULFAMIC ACID P-4, PH CONTROL

MIX TWO FULL TANKS OF GEL. RUN FOAMER AND BREAKERS ON THE FLY.  
MONITOR ANNULAR PRESSURES. MAX TREATING PRESSURE IS 6500 PSI.

**PROPPANTS: 50,000 Pounds 20/40 ARIZONA SAND**

**BJ SERVICES COMPANY**

OPERATOR: KOCH EXPLORATION  
WELL: WALKER #5  
FORMATION: UPPER FRUITLAND COAL

**WELL DATA**

|                             |   |
|-----------------------------|---|
| Depth to Middle Perforation | 2,979 ft  |
| Tubing                      | 2-7/8" TO 2800'   |
|                             | FRAC STRING   |
| Packer Depth                | 2,800 ft  |
| Casing                      | 4-1/2", 10.5#   |
| Fracture Gradient           | 1.00 psi/ft   |
| Bottom Hole Frac Pressure   | 2,979 psi   |
| Bottom Hole Temperature     | 100 deg F   |
| Perforated Interval         | 2825', 2968', 2970',<br>2972', 3032', 3040',<br>3100', 3104' (REC.)<br>3132' (@ 2 JSPF) |
|                             | TOTAL OF 18 HOLES @<br>0.45"  |

**BJ SERVICES COMPANY****Treatment Requirements for: U. FRUITLAND COAL****ACID BALLOFF: 360 GALLONS 15% HCL ACID**

*Containing per 1000 Gallons:*  
5.00 Gallons FERROTROL-300L, IRON CONTROL  
2.00 Gallons I-22, CORROSION INHIBITOR

B/D WITH 15% HCL ACID. BALLOFF DOWN 2-7/8" 6.5# TBG SET AT 2800'  
WITH 27 7/8" 1.3 S.G. RCN BALL SEALERS. MAX PRESSURE IS 6500 PSI

**FRAC FLUID: 23,181 GALLONS 70Q N2 FOAM**

*Pumped Volumes:*  
6,955 Gallons GW-27

*Mixed Volumes:*  
7,955 Gallons GW-27

*Containing per 1000 Gallons:*  
1.00 Gallons AQUA FLOW, SURFACTANT  
30.00 Pounds GW-27, GELLING AGENT  
5.00 Gallons FAW-1, FOAMING AGENT  
1.00 Pounds GBW-10, GEL BREAKER  
1.00 Pounds GBW-5, GEL BREAKER  
0.38 Pounds XCIDE-207, BACTERIACIDE  
3.00 Pounds SULFAMIC ACID P-4, PH CONTROL

COLLECT GEL FROM 1ST STAGE. RUN FOAMER AND BREAKERS ON THE FLY.  
RECALCULATE FLUSH WITH KOCH EXPL. MAX TRT. PRESSURE IS 6500 PSI.

**PROPPANTS: 45,000 Pounds 20/40 ARIZONA SAND**

District I  
PO Box 1960, Hobbs, NM 88241-1960

District II  
PO Drawer DD, Artesia, NM 88211-0719

District III  
1000 Roe Brown Rd., Alamogordo, NM 87410

District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

PO Box 2088  
Santa Fe, NM 87504-2088

RECEIVED

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96 SEP 26 AM 11:08

070 FARMINGTON, NM ☐ AMENDED REPORT

Form C-102

Revised February 10, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                            |  |                                     |  |                                     |                     |
|----------------------------|--|-------------------------------------|--|-------------------------------------|---------------------|
| 1 API Number<br>3004510799 |  | 2 Pool Code                         |  | 3 Pool Name<br>Basin Fruitland Coal |                     |
| 4 Property Code<br>564     |  | 5 Property Name<br>WALKER           |  |                                     | 6 Well Number<br>5  |
| 7 OORID No. Code<br>012807 |  | 8 Operator Name<br>KOCH EXPLORATION |  |                                     | 9 Elevation<br>6569 |

| 10 Surface Location |         |          |       |        |               |                  |               |                |          |
|---------------------|---------|----------|-------|--------|---------------|------------------|---------------|----------------|----------|
| UL or lot no.       | Section | Township | Range | Lot Id | Feet from the | North/South Line | Feet from the | East/West line | County   |
| A                   | 13      | 31N      | 10W   |        | 1140          | NORTH            | 1050          | EAST           | SAN JUAN |

| 11 Bottom Hole Location If Different From Surface |         |                    |       |                       |               |                  |               |                |        |
|---|---------|--------------------|-------|-----------------------|---------------|------------------|---------------|----------------|--------|
| UL or lot no.                                     | Section | Township           | Range | Lot Id                | Feet from the | North/South Line | Feet from the | East/West line | County |
| 12 Dedicated Acres<br>277.56                      |         | 13 Joint or Infill |       | 14 Consolidation Code |               | 15 Order No.     |               |                |        |

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

|    |  |                          |  |       |  |   |  |
|----|--|--------------------------|--|-------|--|---|--|
| 16 |  | NM-014110<br>Koch 100%   |  | 1140' |  | 17 OPERATOR CERTIFICATION<br>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief<br><i>Michael Scates</i><br>Signature<br>Michael Scates<br>Printed Name<br>Administrative Manager<br>Title<br>September 24, 1996<br>Date  |  |
| 13 |  |                          |  | 1050' |  | 18 SURVEYOR CERTIFICATION<br>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.<br>Date of Survey 20, November, 1975<br>Signature and Seal of Professional Surveyor<br>Signature on File<br>Certificate Number |  |
|    |  | NM-013688-A<br>Koch 100% |  |       |  |   |  |