

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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, New Mexico 87410 (505) 334-9111

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SE NW NW Sec 20 - T31N - R10W
1000' FNL & 940' FWL

5. Lease Designation and Serial No.
NM-03187

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
NA

8. Well Name and No.
Cain 1A

9. API Well No.
30-045-2174800

10. Field and Pool, or Exploratory Area
Blanco Mesa Verde

11. County or Parish, State
San Juan County
New Mexico

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

TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>add Lewis Shale</u>	<input type="checkbox"/> 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 completing the Lewis Shale and producing it along with the existing Mesa Verde production. 7" 23# and 26# N-80 casing @ 3,499' with a 4 1/2" 10.5 # CW-55 liner from 3,391' to 5,348'. PBTD is 5325'. After pulling tubing, setting plug and loading hole with 2% KCL, a CBL will be run to determine cement integrity prior to fracturing. We will use a 3 1/2" frac string with 4 1/2" packer @ +/- 3,450'.

The Lewis Shale completion will be a 2 stage foam frac, as follows:

Lower Lewis Shale: 3,900' to 4,240'; perforate 36 x .38" holes; use 100,000# 20/40 Brady Sand.

Upper Lewis Shale: 3,500' to 3,870'; perforate 39 x .38" holes, use 100,000# 20/40 Brady Sand.

To complete this formation we will need to construct an earthen blow pit (30' x 50' x 10' deep). All work will be within existing disturbed location. We will close pit when all water has been removed and re-seed to BLM specs.

We plan on completing this formation upon BLM approval. Rig is currently available.

I hereby certify that the foregoing is true and correct

Signed Donald J. [Signature] Title Operations Manager

Date

(This space for Federal or State office use)

Approved by _____ Title _____

Date 2/7/01

Conditions of approval, if any:

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

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