

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
Bureau 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.

5. Lease Designation and Serial No.
SF-078402A

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
NA

8. Well Name and No.
Carle 1

9. API Well No.
30-045-0939500

10. Field and Pool, or Exploratory Area
Mesa Verde

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

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)

**Sec. 20, T30N, R11W
1575' FWL & 966' FNL**

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 Run 4 1/2" Casing and Cement
☐ 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 Compelled 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.)*

Drilling Deviations are as follows: 2319' = 1°, 2545' = 3/4°, 3033' = 1°, 3542' = 1°, 4081' = 3/4°, 4579' = 3/4°, and 4828' = 1°.

Drilled well to TD @ 4850' with 6 1/4" bit, PBTD at 4 1/2" plug on top of float collar @ 4750' KB.
Ran 112-Jts 4-1/2" 11.6# LT&C casing & landed @ 4797', Float Collar @ 4752', DV tool @ 3603'. Cement 4-1/2" csg in 2-stages: Stage #1. P 135-sxs 50:50 Poz Cl 'H' (14.0 ppg & 1.21 ft³/sx). Displaced w/ 73.7-Bbls wtr, did not bump plug (found plug hung up in cmt head). Drop DV bomb, wait 30-minutes. Stage #2: Pressured to 500#, opened DV tool @ 3603'. Pump lead cmt: 210-sxs 35:65 Poz Cl 'H' (12.0 ppg & 2.10 ft³/sx) @ 5 BPM & 150#. Pumped tail cement: 50-sxs Cl 'H' neat cmt (15.6 ppg & 1.18 ft³/sx) @ 5 BPM & 100#. Displaced w/ 55.6-Bbls wtr & bumped plug & closed DV tool @ 2000#, held. Had good circ during 2nd stage: Did not circ any cmt from stage #1 to surface, circ 10-sxs from stage #2 to surface.

I hereby certify that the foregoing is true and correct

Signed Donald R. J. H. Title Operations Manager Date 2/7/99

(This space for Federal or State office use)

Approved by _____ Title _____ Date ACCEPTED FOR REC'D

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

ARMINGTON DISTRICT OF