

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

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

9. API Well No.  
 1

10. Field and Pool, or Exploratory Area  
 Pictured Cliff (Deepen to MV)

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 type="checkbox"/> Notice of Intent             | <input type="checkbox"/> Abandonment                 | <input type="checkbox"/> Change of Plans         |
| <input checked="" 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 type="checkbox"/> Other Test 7" casing cement | <input type="checkbox"/> 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.)\*

10 3/4" Surface Csg @ 155' - 7" 20# Csg @ 2025' with Pictured Cliff OH 2025' - 2125'.  
 In preparing to deepen well, we spotted cement plug over OH with TOC @ 1894'. Ran CBL log from 2000' up to 350', no cement across Ojo, top cement stringer @ 1050'. Pressure tested casing to 1100#, OK. Installed new 10 3/4" x 7" 3M flanged wellhead, tested 200#, OK. Installed 11" 3M x 7 1/16" 5M, tested 1200#, OK. Perforated 3-.36" holes @ 737' as per Jim Lavato @ BLM. Pumped 3 bbls water, F/B 50 sxs Class H 35/65 Poz-mix w/6#/sx Gilsonite + 2% CaCl2 + 1/4#/sx Cello-flake, F/B 50 sxs Class H neat Cement. Had good circulation throughout job, but did not have cement returns to surface. Shut in with 350#. Next day Tag TOC in 7" @ 717'. Ran Teep survey and found TOC @ 430' with Top of Ojo @ 578'. Confirmed with Jim Lavato @ BLM, no additional cement squeeze work required. Will Deepen well to Mesa Verde.

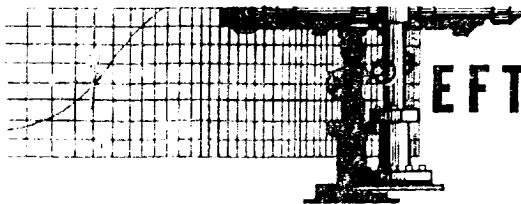
I hereby certify that the foregoing is true and correct

Signed [Signature] Title Operations Manager Date 1/13/93

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any: \_\_\_\_\_



# TEFTELLER, INC.

reservoir engineering data

MIDLAND, TEXAS / FARMINGTON, NEW MEXICO  
GRAND JUNCTION, COLORADO

RECEIVED  
BLM

P. O. Box 5278  
Midland, Texas 79704-5278  
(915) 694-0477

90 JAN 20 PM 12:28  
070 FARMINGTON, NM

Midland Fax (915) 694-7602  
Farmington Fax (505) 325-1148  
Grand Junction Fax (970) 241-7634

January 12, 1998

Koch Exploration, Inc.  
Box 489  
Aztec, NM 87410

Attn: Mr. Don Johnson

Subject: Temperature Survey  
Carle No. 1  
San Juan County, New Mexico  
File No. 2-33826-TS

Dear Mr. Johnson:

Attached hereto are the results of a temperature survey which was conducted on the above captioned well January 12, 1999.

The data presented are in graphical form.

It has been our pleasure to have conducted this service for you. If we may be of further assistance, please call us at any time.

Respectfully submitted,

TEFTELLER, INC.

Neil Tefteller

NT/lw

Company: KOCH EXPLORATION CO  
Well: CARLE #1  
Field:  
Engineer:  
Gauge Type: AMERADA  
Gauge Range:  
Gauge Depth: 700 ft  
Serial No.:

County: SAN JUAN  
State: NEW MEXICO  
Date: 01/12/1999  
Well Type:  
Test Type: TEMPERATURE SURVEY  
Status:  
File Name: 33826-1

[ Tefteller Incorporated ]

| #  | MD  | TVD | TEMP  | F/100 ft |
|----|-----|-----|-------|----------|
| 1  | 0   | 20  | 38.00 |          |
| 2  | 65  | 65  | 49.20 | 0.249    |
| 3  | 113 | 113 | 51.90 | 0.056    |
| 4  | 168 | 168 | 54.00 | 0.038    |
| 5  | 228 | 228 | 56.00 | 0.033    |
| 6  | 290 | 290 | 57.70 | 0.027    |
| 7  | 358 | 358 | 59.80 | 0.031    |
| 8  | 432 | 432 | 60.50 | 0.009    |
| 9  | 470 | 470 | 62.80 | 0.061    |
| 10 | 508 | 508 | 64.70 | 0.050    |
| 11 | 544 | 544 | 67.30 | 0.072    |
| 12 | 580 | 580 | 64.10 | -0.089   |
| 13 | 622 | 622 | 64.40 | 0.007    |
| 14 | 666 | 666 | 65.70 | 0.030    |
| 15 | 700 | 700 | 69.10 | 0.100    |

TOP OF CEMENT @ 430'.

