AE Order Number Banner

Report Description

This report shows an AE Order Number in Barcode format for purposes of scanning. The Barcode format is Code 39.

App Number: pEEM0112359909

NM2 - 8

XTO ENERGY, INC.

2/8/2017

Form 3160-5
(J 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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BLM
94 AUG 17 AM 10:49
070 FARMINGTON, NM

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

5. Lease Designation and Serial No.: NM-013642
6. If Indian, Allottee or Tribe Name: NA
7. If Unit or CA, Agreement Designation: NA

1. Type of Well: ☐ Oil Well ☐ Gas Well ☒ Other Evaporation Pond
8. Well Name and No.: Koch Evaporation Pond
2. Name of Operator: Koch Exploration Company
9. API Well No.: 1
3. Address and Telephone No.: P.O. Box 489, Aztec, NM 87410 505-334-9111
10. Field and Pool, or Exploratory Area: Disposal Facility
4. Location of Well (Footage, Sec., T., R., M., or Survey Description): NE/4, NW/4, Section 31-T32N-R8W
11. County or Parish, State: San Juan County, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION	
☒ Notice of Intent	☐ Abandonment	☐ Change of Plans
☐ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☐ Other _____	☒ Dispose Water

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

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OIL CON. DIV.
DIST. 3

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.)*

Request temporary approval (1 year from date of Sundry approval) to truck and discharge produced water into Koch's Evaporation Pond #1 from the following well.
GARDNER C-1 - Lease # SF-079048-A, Section 35, T32N, R9W (M)

We plan to haul produced water to this disposal facility for the next year, or as long as capacity in pond allows. We will truck water to another disposal facility (South route) if extremely bad road conditions exist. This well has an average daily water production rate of 80 bbl's/day. Plan to begin trucking water to this disposal facility upon approval of Sundry Notice.

See ATTACHMENT - which includes the latest water analysis from this well.

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

Signed Donald L. Johnson Title FOREMAN Date 8-15-1994

(This space for Federal or State office use)

APPROVED

Approved by _____ Title _____ Date AUG 17 1994

Conditions of approval, if any:

DISTRICT MANAGER

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

NMOCD

Inter-Mountain Laboratories, Inc.

2506 W. Main Street
Farmington, New Mexico 87401

Client:	**Koch Exploration**		
Project:	**Koch Pond #1**	**Date Reported:**	**07/22/94**
Sample ID:	**Gardner 1C**	**Date Sampled:**	**06/29/94**
Laboratory ID:	**W00886**	**Time Sampled:**	**1130**
Sample Matrix:	**Water**	**Date Received:**	**06/29/94**
Condition:	**Cool/Intact**		

Parameter	Analytical Result	Units		Units
Lab pH	8.2	s.u.		
Lab Conductivity @ 25° C	16,100	umhos/cm		
Lab Resistivity @ 25° C	0.06	ohm/m		
Total Dissolved Solids @ 180°C	11,800	mg/L		
Total Dissolved Solids (Calc)	11,700	mg/L		
Total Hardness as CaCO3	249	mg/L		
Total Alkalinity as CaCO3	9,990	mg/L		
Bicarbonate as HCO3	12,200	mg/L	199.76	meq/L
Carbonate as CO3	0	mg/L	0.00	meq/L
Hydroxide as OH	0	mg/L	0.00	meq/L
Chloride	748	mg/L	21.11	meq/L
Sulfate	< 1	mg/L	< 0.01	meq/L
Calcium	<0.1	mg/L		
Magnesium	<0.1	mg/L		
Potassium	25	mg/L	0.64	meq/L
Sodium	4,950	mg/L	215.40	meq/L
Cations			221.02	meq/L
Anions			220.87	meq/L
Cation/Anion Difference			0.03	%
Trace Metals (Total)				
Barium	41.1	mg/L		
Iron	0.48	mg/L		

Reference: U.S.E.P.A. 600/4-79-020, "Methods for Chemical Analysis of Water and Wastes", 1983.
"Standard Methods For The Examination Of Water And Waste Water", 17th ed., 1989.

Reported by Austin Watt

Reviewed by

Inter-Mountain Laboratories, Inc.

2508 W. Main Street
Farmington, New Mexico 87401

Quality Control / Quality Assurance

Known Analysis / Method Blank Analysis

TOTAL RECOVERABLE METALS

Client:	Koch Exploration Co.		
Project:	Koch Pond #1	Date Reported:	07/22/94
Sample Matrix:	Water	Date Analyzed:	07/11-14/94
		Date Received:	06/29/94

Known Analysis

Parameter	Found Concentration (mg/L)	Known Concentration (mg/L)	Percent Recovery
Barium	1.020	1.000	102%
Iron	0.99	1.00	99%

Method Blank Analysis

Parameter	Result	Detection Limit	Units
Barium	ND	0.5	mg/L
Iron	ND	0.05	mg/L

Reference: U.S.E.P.A. 600/4-79-020, "Methods for Chemical Analysis of Water and Wastes", 1983.
"Standard Methods For The Examination Of Water And Waste Water", 17th ed., 1989.

Comments:

Reported by _____ Reviewed by _____

Inter-Mountain Laboratories, Inc.

2506 W. Main Street
Farmington, New Mexico 87401

TOTAL PETROLEUM HYDROCARBONS
EPA METHOD 418.1

Koch Exploration Co.

Project: Koch Pond #1
Matrix: Water
Condition: Intact/Cool

Date Reported: 07/07/94
Date Sampled: 06/29/94
Date Received: 06/29/94
Date Extracted: 07/06/94
Date Analyzed: 07/06/94

Sample ID	Lab ID	Result (mg/L)	Detection Limit
Koch Pond #1	W00885	ND	1
Gardur 1 C	W00886	4.7	1

ND - Analyte not detected at stated detection level.

References:

Method 418.1: Petroleum Hydrocarbons, Total Recoverable, USEPA Chemical Analysis of Water and Waste, 1978.

Method 3510: Separatory Funnel Liquid - Liquid Extraction, USEPA SW-846, Test Methods for Evaluating Solid Waste, Rev. 1, July 1992.

Analyst: _____ Reviewed: _____

Inter-Mountain Laboratories, Inc.

2506 W. Main Street
Farmington, New Mexico 87401

TOTAL PETROLEUM HYDROCARBONS
Quality Assurance/Quality Control

Koch Exploration Co.

Project: Koch Pond #1
Matrix: Water
Condition: Intact/Cool

Date Reported:	07/07/94
Date Sampled:	06/29/94
Date Received:	06/29/94
Date Extracted:	07/06/94
Date Analyzed:	07/06/94

Method Blank Analysis

Lab ID	Result	Detection Limit
MB	ND	1

ND - Analyte not detected at stated detection level.

References:

Method 418.1: Petroleum Hydrocarbons, Total Recoverable, USEPA Chemical Analysis of Water and Waste, 1978.

Method 3510: Separatory Funnel Liquid - Liquid Extraction, USEPA SW-846, Test Methods for Evaluating Solid Waste, Rev. 1, July. 1992.

Analyst: _____ Reviewed: _____

CHAIN OF CUSTODY RECORD

inl Inter-Mountain Laboratories, Inc.

Client/Project Name	Project Location	ANALYSES / PARAMETERS
Koch Exploration Co	Koch Pond #1 Sec 31, 32N, 8W	
Sampler: (Signature) Don Johnson	**Chain of Custody Tape No.**	

Sample No./ Identification	Date	Time	Lab Number	Matrix	No. of Containers	Fe/Carbon	NC (TPH)	Metals (Ba, Fe, Tot.)		Remarks
Koch Pond #1	6-29-94	1:30pm			B2	✓	✓			
Gardner IC	6-29-94	1:30pm			3	✓	✓	✓		

	Date	Time		Date
Relinquished by: (Signature)			**Received by: (Signature)** Melissa Klute	6/29/94
Relinquished by: (Signature) Don Johnson	6-29-94	1:30pm	**Received by: (Signature)**	
Relinquished by: (Signature)			**Received by laboratory: (Signature)**	

Inter-Mountain Laboratories, Inc.

☐ 1633 Terra Avenue, Sheridan, Wyoming, Telephone (307) 672-8945
☐ 1714 Phillips Circle, Gillette, Wyoming 82716, Telephone) 682-8945
☑ 2506 West Main Street, Farmington, 87401, Telephone 326-4737
☐ 1160 Research Dr., Bozeman, Montana 15, Telephone 586-8450
☐ 11183 SH 30, College Station, TX 77845, Telephone (409) 776-8945
☐ 3304 Longmire Drive, College Station, TX 77845, Telephone (409) 774-4999