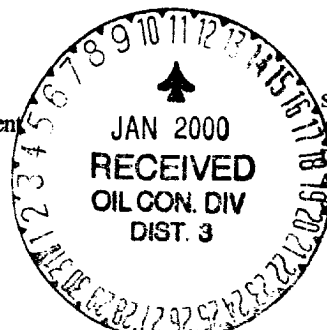


District I
P.O. Box 1980, Hobbs, NM
District II
P.O. Drawer DD, Artesia, NM 88211
District III
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088



SUBMIT 1 COPY TO
APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICE

PIT REMEDIATION AND CLOSURE REPORT

Bedrock

Operator : Questar Energy Company Telephone: (505) 326-9195

Address: P.O. Box 2330 Farmington, NM 87499

Facility Or: Kutz Canyon #1
Well Name

Location: Unit or Qtr/Qtr Sec M Sec 22 T 28N R 10W County San Juan

Pit Type: Separator Dehydrator Other Drip

Land Type: BLM X State Fee Other

Pit Location: Pit dimensions: Length 18 ft width 27 ft depth 4 ft
(Attach diagram)

Reference: wellhead X other

Footage from reference: 90 ft

Direction from reference: Degrees East North X
of
 West South

Depth to Ground Water: <u>>100'</u>	<u> </u> Less than 50 feet	(20 points)	
(vertical distance from	<u> </u> 50 ft to 99 feet	(10 points)	
contaminants to seasonal	<u>X</u> Greater than 100 feet	(0 points)	<u>0</u>
highwater elevation of			
ground water)			
Wellhead Protection Area:			
(less than 200 feet from a private	<u> </u> Yes	(20 points)	
domestic water source, or: less than	<u>X</u> No	(0 points)	<u>0</u>
1000 feet from all other water sources).			
Distance to Surface Water:			
(Horizontal distance to perennial	<u> </u> Less than 200 feet	(20 points)	
lakes, ponds, rivers, streams, creeks,	<u> </u> 200 feet to 1000 feet	(10 points)	
irrigation canals and ditches.)	<u>X</u> Greater than 1000 feet	(0 points)	<u>0</u>

P:\pits\PrnC@WK3

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: 1/20/98 Date Completed: 1/28/99

Excavation _____ Approx. cubic yards 67

Landfarmed X Insitu Bioremediation _____

Other _____

Remediation Method: Onsite X Offsite _____

(Check all appropriate
sections)

General Description of Remedial Action : On 1/20/98, the pit was excavated to a depth of 4 feet where bedrock was encountered. A sample was obtained from the center bottom of the pit at a depth of 4 feet utilizing U.S.E.P.A. protocol and sent to On Site Technologies, Ltd. for GRO/DRO and BTEX analysis. A test hole was also dug downgradient, southwest of the pit, to a depth of 5 feet. A sample was obtained at a depth of 5 feet and sent to On Site Technologies for GRO/DRO analysis. Results provided concentrations NMOCD guidelines. On 1/28/99, the landfarm was tested and provided concentrations below NMOCD guidelines.

Ground Water Encountered: No X Yes _____ Depth _____

Final Pit:

Closure Sampling:
(if multiple samples,
attach sample results

and diagram of sample
locations and depths)

Sample location Center Bottom / Test Hole #1

Sample depth 4 feet (Bedrock) / 5 feet (Bedrock)

Sample date 1/20/98

Sample time 14:30 / 15:14

Sample Results

Benzene(ppm) 13.720 / NA

Total BTEX (PPM) 319.904 / NA

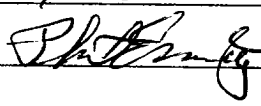
Field Headspace (ppm) 212 / 0

TPH 2473 / ND

Ground Water Sample: Yes _____ No X (if yes, attach sample results)

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETED TO THE BEST OF MY KNOWLEDGE AND BELIEF.

DATE 1-4-00 PRINTED NAME Phil Emig

SIGNATURE  and TITLE Senior Operator

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill, 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: **Questar Energy Company**
3. Address of Operator: **P.O. Box 2330 Farmington, NM 87499**
4. Location of Well: (Footage, Sec., T., R., M., or Survey Description)
Unit M Sec. 22 T 28 N R 10 W

5. Lease Designation and Serial No.
SF-077383

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agmt. Design.:

8. Well Name and No.:

Kutz Canyon #1

9. API Well No.:

30-045-07252

10. Field & Pool/Exploratory Area:

Basin Dakota

11. County or Parish, State:

San Juan, New Mexico

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

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

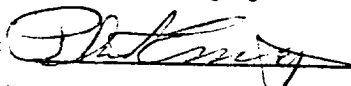
☐ Abandonment ☐ Change of Plans
☐ Recompletion ☐ New Construction
☐ Plugging Back ☐ Non-Routine Fracturing
☐ Casing Repair ☐ Water Shut-Off
☐ Altering Casing ☐ Conversion to Injection
☒ Other: **Pit Closure**

(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.)*

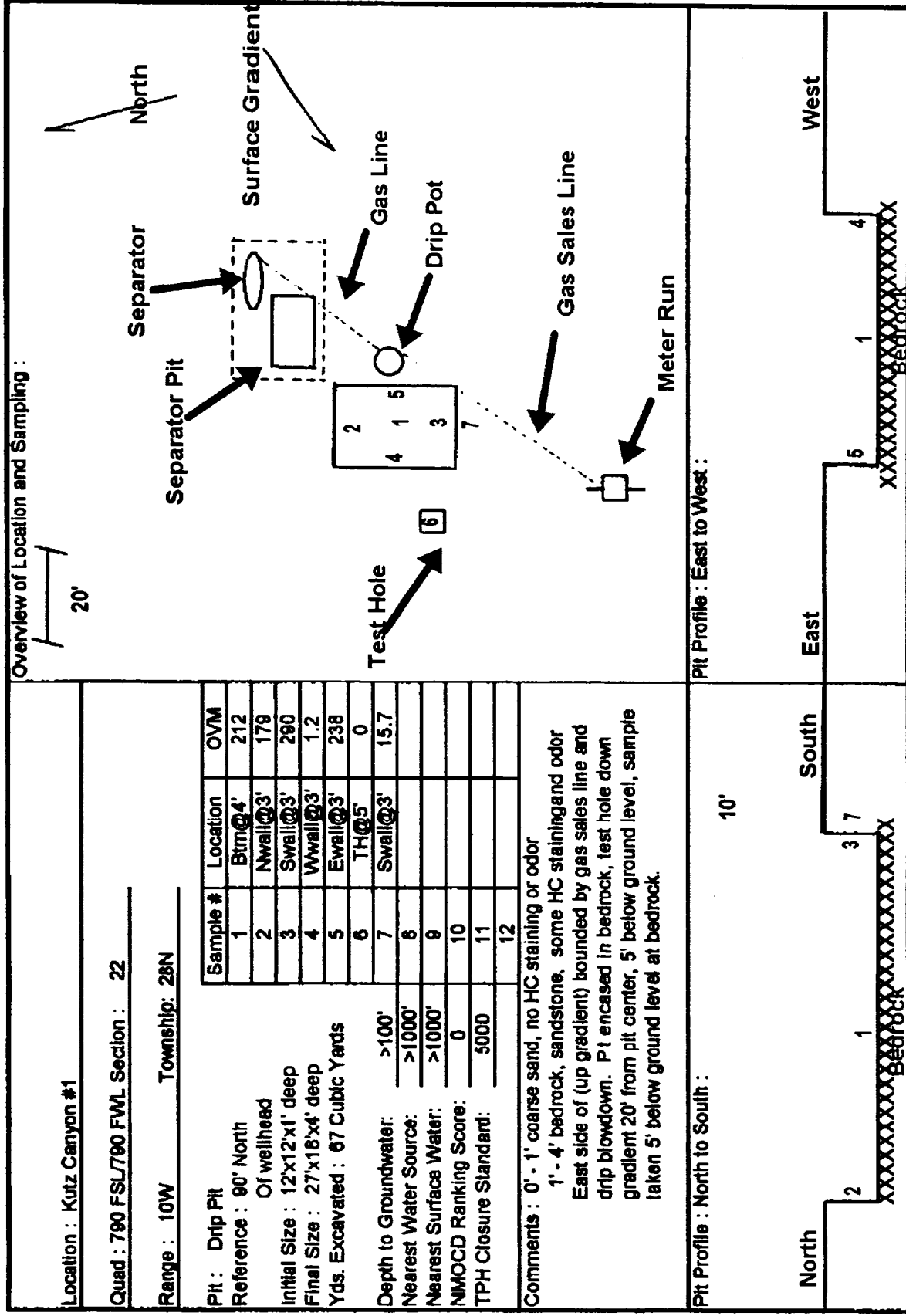
**The pit associated with the subject well has been closed and replaced with a fiberglass tank.
Details of the closure are attached.**

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

Signed:  Phil Emig Title: **Senior Operator** Date: **1-4-00**
(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
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 or the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Attn: *Frank McDonald*
Company: *Cimmaron Oilfield Service*
Address: *P.O. Box 3235*
City, State: *Farmington, NM 87401*

Date: *26-Jan-98*
COC No.: *6822*
Sample No.: *17386*
Job No.: *2-1000*

Project Name: *Questar Energy - Kutz Canyon #1*
Project Location: *Condensate Pit; Bottom @ 4'*
Sampled by: *BS* Date: *20-Jan-98* Time: *14:30*
Analyzed by: *DC* GRO Date: *23-Jan-98*
Sample Matrix: *Soil* DRO Date: *26-Jan-98*

Laboratory Analysis

Parameter	Results as Received	Unit of Measure	Limit of Quantitation	Unit of Measure
<i>Gasoline Range Organics (C5 - C9)</i>	<i>2385</i>	<i>mg/kg</i>	<i>500</i>	<i>mg/kg</i>
<i>Diesel Range Organics (C10 - C28)</i>	<i>88</i>	<i>mg/kg</i>	<i>5</i>	<i>mg/kg</i>

ND - Not Detected at Limit of Quantitation

Quality Assurance Report

GRO QC No.: 0554-STD
DRO QC No.: 0555-STD

Continuing Calibration Verification

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	RPD	RPD Limit
<i>Gasoline Range (C5 - C9)</i>	<i>ND</i>	<i>ppb</i>	<i>1,801</i>	<i>1,845</i>	<i>2.4</i>	<i>15%</i>
<i>Diesel Range (C10 - C28)</i>	<i>ND</i>	<i>ppm</i>	<i>200</i>	<i>202</i>	<i>1.2</i>	<i>15%</i>

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	RPD	RPD Limit
<i>Gasoline Range (C5-C9)</i>	<i>84</i>	<i>84</i>	<i>(80-120)</i>	<i>0</i>	<i>20%</i>
<i>Diesel Range (C10-C28)</i>	<i>92</i>	<i>94</i>	<i>(75-125)</i>	<i>2</i>	<i>20%</i>

Method: *SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography*

Approved by: *[Signature]*
Date: *1/27/98*

P.O. BOX 2606 • FARMINGTON, NM 87499
- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Attn: *Frank McDonald*
Company: *Cimmaron Oilfield Service*
Address: *P.O. Box 3235*
City, State: *Farmington, NM 87401*

Date: *27-Jan-98*
COC No.: *6822*
Sample No.: *17386*
Job No.: *2-1000*

Project Name: *Questar Energy - Kutz Canyon #1*
Project Location: *Condensate Pit; Bottom @ 4'*
Sampled by: *BS*
Analyzed by: *DC*
Sample Matrix: *Soil*

Date: *20-Jan-98* Time: *14:30*
Date: *22-Jan-98*

Laboratory Analysis

Parameter	Results as Received	Unit of Measure	Limit of Quantitation	Unit of Measure
<i>Benzene</i>	13720	ug/kg	1000	ug/kg
<i>Toluene</i>	114396	ug/kg	2000	ug/kg
<i>Ethylbenzene</i>	17758	ug/kg	1000	ug/kg
<i>m,p-Xylene</i>	141388	ug/kg	2000	ug/kg
<i>o-Xylene</i>	32643	ug/kg	1000	ug/kg
	<i>TOTAL</i>	319904	ug/kg	

ND - Not Detected at Limit of Quantitation

Method - SW-846 EPA Method 8020A Aromatic Volatile Organics by Gas Chromatography

Approved by: *[Signature]*
Date: *1/27/98*

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Attn: **Frank McDonald**
 Company: **Cimmaron Oilfield Service**
 Address: **P.O. Box 3235**
 City, State: **Farmington, NM 87401**

Date: **3-Feb-98**
 COC No.: **6822**
 Sample No.: **17388**
 Job No.: **2-1000**

Project Name: **Questar Energy - Kutz Canyon #1**
 Project Location: **Test Hole @ 5'**
 Sampled by: **BS**
 Analyzed by: **DC**
 Sample Matrix: **Soil**

Date: **20-Jan-98** Time: **15:14**
 GRO Date: **29-Jan-98**
 DRO Date: **29-Jan-98**

Laboratory Analysis

Parameter	Results as Received	Unit of Measure	Limit of Quantitation	Unit of Measure
<i>Gasoline Range Organics (C5 - C9)</i>	ND	mg/kg	0.5	mg/kg
<i>Diesel Range Organics (C10 - C28)</i>	ND	mg/kg	5	mg/kg

ND - Not Detected at Limit of Quantitation

Quality Assurance Report

GRO QC No.: 0554-STD

DRO QC No.: 0555-STD

Continuing Calibration Verification

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	RPD	RPD Limit
<i>Gasoline Range (C5 - C9)</i>	ND	ppb	1,801	1,755	2.6	15%
<i>Diesel Range (C10 - C28)</i>	ND	ppm	200	202	1.1	15%

Matrix Spike

Parameter	1 - Percent Recovered	2 - Percent Recovered	Limit	RPD	RPD Limit
<i>Gasoline Range (C5-C9)</i>	75	72	(70-130)	4	20%
<i>Diesel Range (C10-C28)</i>	95	95	(75-125)	0	20%

Method: SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography

Approved by: 
 Date: **2/3/98**

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

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Date: 1-21-98

657 W. Maple • P.O. Box 2606 • Farmington NM 87499
I.A.B.: (505) 325-5067 • FAX: (505) 325-0256

TECHNOLOGIES, LTD.

[illegible]

Date Started: January 28, 1999 Date Completed: January 28, 1999

Ranking Score : 0 Closure Standard : 5000 ppm

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 23-Feb-99

Client:	Cimarron Oilfield Service	Client Sample Info:	Questar
Work Order:	9902017	Client Sample ID:	Kutz Canyon #1 LF
Lab ID:	9902017-01A	Matrix:	SOIL
Project:	Kutz Canyon #1 LF	Collection Date:	1/28/99 2:00:00 PM
		COC Record:	5688

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	Analyst: HR 2/19/99
GASOLINE RANGE ORGANICS		SW8015				
T/R Hydrocarbons: C6-C10	ND	0.18		mg/Kg	1	Analyst: HR 2/6/99

Qualifiers:

PQL - Practical Quantitation Limit

ND - Not Detected at Practical Quantitation Limit

J - Analyte detected below Practical Quantitation Limit

B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Surr: - Surrogate

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- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

1 of 1

CHAIN OF CUSTODY RECORD

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Page 1 of 1

657 W. Maple • P. O. Box 2606 • Farmington NM 87499
LAB: (505) 325-5667 • FAX: (505) 325-6256

[illegible]

Distribution:	White - On Site	Yellow - LAB	Pink - Sampler	Goldenrod - Client
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