

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 87504-2088SUBMIT 1 COPY TO
APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICEPIT REMEDIATION AND CLOSURE REPORT

04

Operator : Questar Energy Company Telephone: (505) 326-9195Address: P.O. Box 2330 Farmington, NM 87499Facility Or: Kutz Canyon #1
Well NameLocation: Unit or Qtr/Qtr Sec M Sec 22 T 28N R 10W County San JuanPit Type: Separator Dehydrator Other Production TankLand Type: BLM X State Fee Other Pit Location: Pit dimensions: Length 24 ft width 27 ft depth 7 ft

(Attach diagram)

Reference: wellhead X other Footage from reference: 210 ftDirection 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:	<u> </u> Yes	(20 points)	
(less than 200 feet from a private	<u>X</u> No	(0 points)	<u>0</u>
domestic water source, or: less than			
1000 feet from all other water sources).			

Distance to Surface Water:	<u> </u> Less than 200 feet	(20 points)	
(Horizontal distance to perennial	<u> </u> 200 feet to 1000 feet	(10 points)	
lakes, ponds, rivers, streams, creeks,	<u>X</u> Greater than 1000 feet	(0 points)	<u>0</u>
irrigation canals and ditches.)			

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

Excavation _____ Approx. cubic yards 104

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 7 feet where bedrock was encountered. A sample was obtained from the center bottom of the pit at a depth of 7 feet utilizing U.S.E.P.A. protocol and sent to On Site Technologies, Ltd. for GRO/DRO and BTEX analysis. Results provided concentrations below 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

Sample depth 7 feet (Bedrock)

Sample date 1/20/98

Sample time 11:30

Sample Results

Benzene(ppm) ND

Total BTEX (PPM) 6.420

Field Headspace (ppm) 292

TPH 250.4

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 **X** 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	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: 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.**

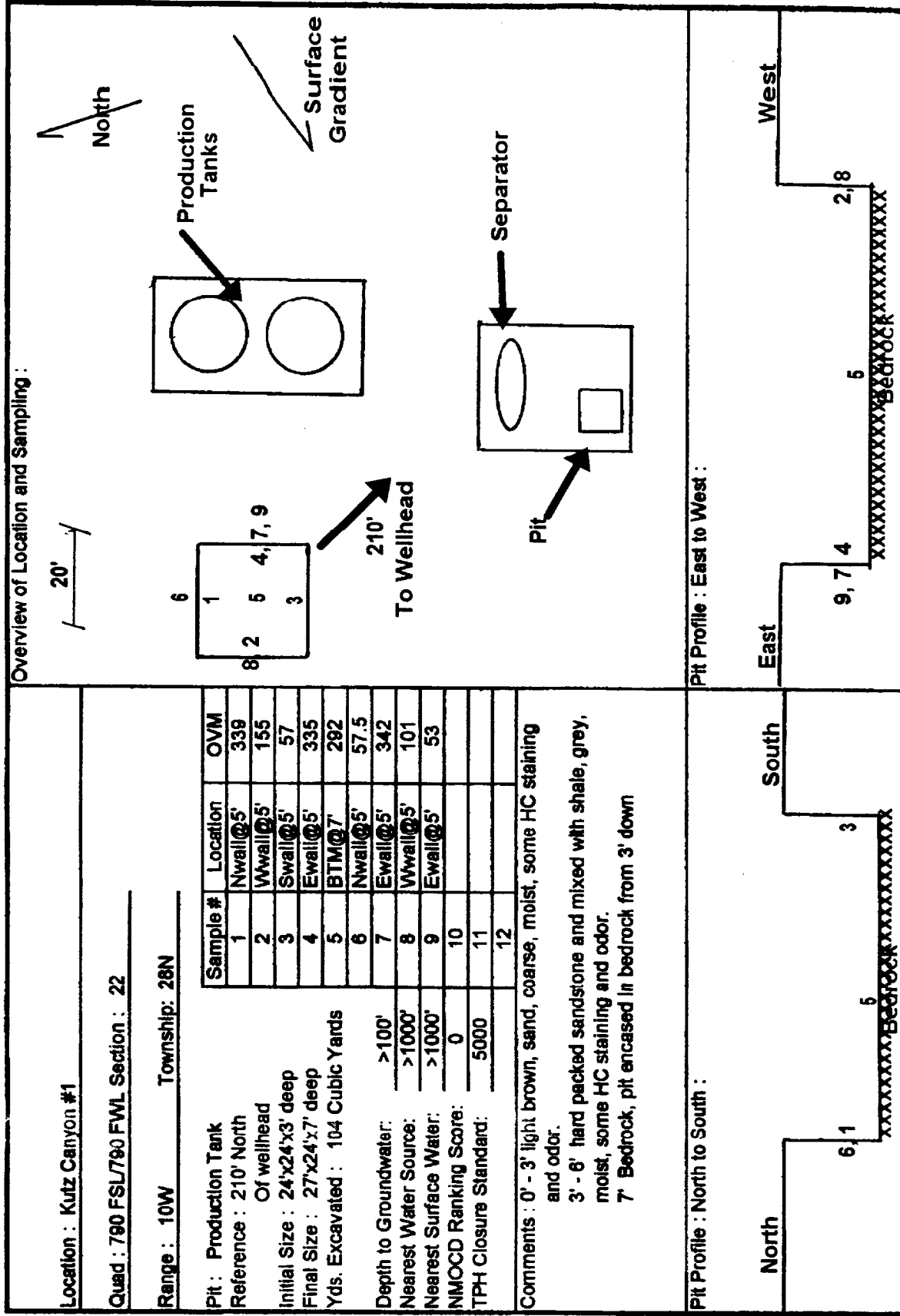
14. I hereby certify that the foregoing is true and correct.

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 of 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.: **17385**
Job No.: **2-1000**

Project Name: **Questar Energy - Kutz Canyon #1**
Project Location: **Production Tank Pit; Bottom @ 7'**
Sampled by: **BS**
Analyzed by: **DC**
Sample Matrix: **Soil**

Date: **20-Jan-98** Time: **11:30**
GRO Date: **23-Jan-98**
DRO Date: **26-Jan-98**

Laboratory Analysis

Parameter	Results as Received	Unit of Measure	Limit of Quantitation	Unit of Measure
Gasoline Range Organics (C5 - C9)	92.4	mg/kg	12.5	mg/kg
Diesel Range Organics (C10 - C28)	158	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
Gasoline Range (C5 - C9)	ND	ppb	1,801	1,845	2.4	15%
Diesel Range (C10 - C28)	ND	ppm	200	202	1.2	15%

Matrix Spike

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

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

Approved by: 
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*

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Job No.: *2-1000*

Project Name: *Questar Energy - Kutz Canyon #1*
Project Location: *Production Tank Pit; Bottom @ 7'*
Sampled by: *BS* Date: *20-Jan-98* Time: *11:30*
Analyzed by: *DC* Date: *23-Jan-98*
Sample Matrix: *Soil*

Laboratory Analysis

Parameter	Results as Received	Unit of Measure	Limit of Quantitation	Unit of Measure
<i>Benzene</i>	ND	ug/kg	50	ug/kg
<i>Toluene</i>	ND	ug/kg	100	ug/kg
<i>Ethylbenzene</i>	699	ug/kg	50	ug/kg
<i>m,p-Xylene</i>	4681	ug/kg	100	ug/kg
<i>o-Xylene</i>	1040	ug/kg	50	ug/kg
	<i>TOTAL</i>	6420	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*

for EPA Method 8020

Reference Standard QC No.: 0529/30-QC

Parameter	Result	Units of Measure
Average Amount of All Analytes in Blank	< 1.0	ppb

<i>Parameter</i>	<i>Units of Measure</i>	<i>True Value</i>	<i>Analyzed Value</i>	<i>RPD</i>	<i>Limit</i>
<i>Benzene</i>	ppb	60.0	59.4	1	15%
<i>Toluene</i>	ppb	60.0	58.7	2	15%
<i>Ethylbenzene</i>	ppb	60.0	60.0	0	15%
<i>m,p-Xylene</i>	ppb	120.0	115.6	4	15%
<i>o-Xylene</i>	ppb	60.0	59.9	0	15%

<i>Parameter</i>	<i>1 - Percent Recovered</i>	<i>2 - Percent Recovered</i>	<i>Limit</i>	<i>RPD</i>	<i>RPD Limit</i>
<i>Benzene</i>	92	92	(39-150)	0	20%
<i>Toluene</i>	79	84	(46-148)	2	20%
<i>Ethylbenzene</i>	85	81	(32-160)	3	20%
<i>m,p-Xylene</i>	80	81	(35-145)	0	20%
<i>o-Xylene</i>	81	81	(35-145)	0	20%

	S1 Percent Recovered	S2 Percent Recovered
Laboratory Identification		
Limit Percent Recovery	(70-130)	
17385-6822	84	
17386-6822	92	
17387-6822	88	
	21K	(22)
	6/3/98	1/27/98

P.O. BOX 2606 • FARMINGTON, NM 87499

6229

Date: 1-21-98

557 W. Maple • P.O. Box 2606 • Farmington NM 87409
LAB: (505) 325-5667 • FAX: (505) 325-6256

[illegible]

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

Location: Kutz Canyon #1		Overview of Landfarm and Sampling :	
Quad: M	Section: 22		
Township: 28N	Range: 10W		
Pits: Separator, Prod. Tank, & Drip			
Reference : 160' North of wellhead			
Size: 15' x 12' x 1' deep			
Yds: 183 cubic yards			
1 5 - Point Composite(s)			

Sample #	Location	Comp. 1	OVM
1			1.5
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			

Comments: Soil is dry, light brown coarse sand with no staining or hydrocarbon odor.
 A sample from Composite # 1 was sent to "On-Site Technologies, Ltd." for 8015 GRO/DRO analysis.

Environmental Specialist : RB

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

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

1 of 1



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Date: 2/3/99

Page _____ of _____

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