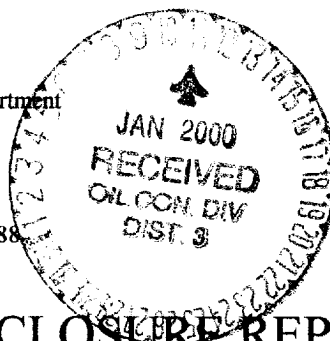


District I
P.O. Box 1980, Hobbs, NM
District II
P.O. Drawer DD, Artesia, NM 88211
District III
1000 Rio Brazos Rd, Aztec, NM 87410

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

al

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

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

Facility Or: Lindrith #14
Well Name

Location: Unit or Qtr/Qtr Sec H Sec 4 T 26N R 7W County Rio Arriba

Pit Type: Separator _____ Dehydrator _____ Other Production Tank

Land Type: BLM _____ State X Fee _____, Other _____

Pit Location: Pit dimensions: Length 20 ft width 15 ft depth 3 ft
(Attach diagram)

Reference: wellhead X other _____

Footage from reference: 105 ft

Direction from reference: 30 Degrees _____ East North _____
of _____
X West South X

Depth to Ground Water: <u>>100'</u>	_____	Less than 50 feet	(20 points)	
(vertical distance from	_____	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:		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:		Less than 200 feet	(20 points)	
(Horizontal distance to perennial	_____	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.)				

P:\pits\PrrC@.WK3

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: 10/30/97 Date Completed: 10/30/97

Excavation _____ Approx. cubic yards 0

Landfarmed _____ Insitu Bioremediation _____

Other _____

Remediation Method: Onsite _____ Offsite _____

(Check all appropriate
sections)

General Description of Remedial Action : On 10/30/97, the pit was sampled at a depth of 6 feet. A sample was obtained from the center bottom of the pit at a depth of 6 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.

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 6 feet

Sample date 10/30/97

Sample time 12:40

Sample Results

Benzene(ppm) ND

Total BTEX (PPM) 1.025

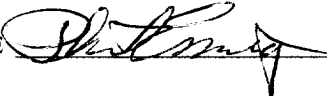
Field Headspace (ppm) 196

TPH 107

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 H Sec. 4 T 26 N R 7 W

5. Lease Designation and Serial No.
NM-079161
6. If Indian, Allottee or Tribe Name
7. If Unit or CA, Agmt. Design.:
8. Well Name and No.:
Lindrith #14
9. API Well No.:
30-039-82400
10. Field & Pool/Exploratory Area:
Basin Dakota
11. County or Parish, State:
Rio Arriba, New Mexico

12. CHECK APPROPRIATE BOX(es) 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 checked="" type="checkbox"/> 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.)*

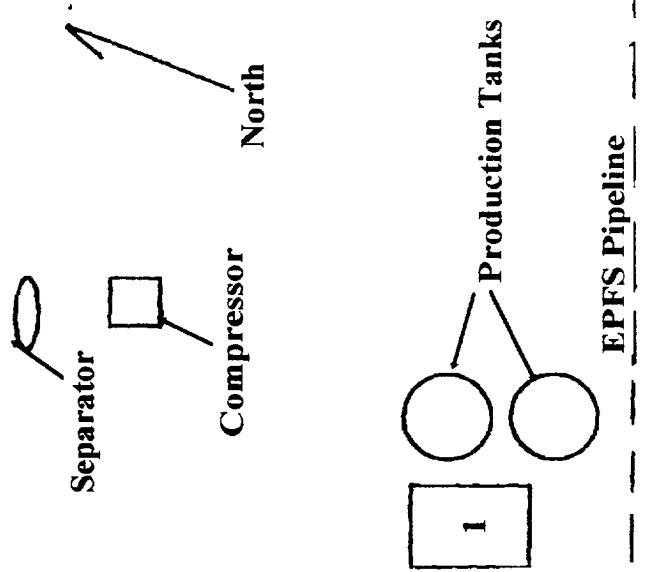
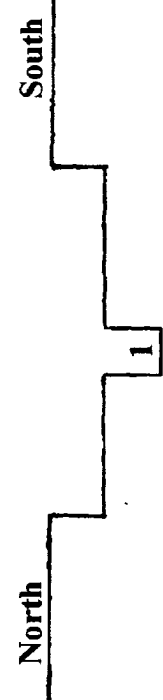

**The pit associated with the subject well has been closed and replaced with a fiberglass tank.
Details of the closure are attached.**

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:

Location : <u>Lindrieth 14</u> Quad : <u>SE/NE</u> Section : <u>4</u> Range : <u>7 W</u> Township: <u>28 N</u>	<p>Overview of Location and Sampling :</p>  <p style="text-align: center;">North</p> <p style="text-align: center;">Separator Compressor</p> <p style="text-align: center;">Production Tanks</p> <p style="text-align: center;">EPFS Pipeline</p> <p style="text-align: center;">Surface Gradient</p>																																							
Pit : <u>Production Tank</u> Reference : <u>105' S 30 W of wellhead</u> Initial Size : <u>15' x 20' x 3' deep</u> Final Size : Yds. Excavated : <u>0 cy</u> Depth to Groundwater: <u>>100'</u> Nearest Water Source: <u>>1000'</u> Nearest Surface Water: <u>>1000'</u> NMOCD Ranking Score: <u>0</u> TPH Closure Standard: <u>5000</u>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Sample #</th> <th>Location</th> <th>OVM</th> </tr> </thead> <tbody> <tr><td>1</td><td>C. Btm @ 6'</td><td>106</td></tr> <tr><td>2</td><td></td><td></td></tr> <tr><td>3</td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td></tr> <tr><td>5</td><td></td><td></td></tr> <tr><td>6</td><td></td><td></td></tr> <tr><td>7</td><td></td><td></td></tr> <tr><td>8</td><td></td><td></td></tr> <tr><td>9</td><td></td><td></td></tr> <tr><td>10</td><td></td><td></td></tr> <tr><td>11</td><td></td><td></td></tr> <tr><td>12</td><td></td><td></td></tr> </tbody> </table> <p>Comments : Soil is light brown, slightly moist, silty clay. White staining occurs around pit edges. Gray and black staining occurs 6" below pit bottom. Sample from bottom @ 6' was sent to "On-Site" laboratory for TPH (8015) and BTEX (8020) analysis: 12:40.</p>	Sample #	Location	OVM	1	C. Btm @ 6'	106	2			3			4			5			6			7			8			9			10			11			12		
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Pit Profile : North to South :  <p style="text-align: center;">North South</p>	Pit Profile : East to West :  <p style="text-align: center;">East West</p>																																							

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: *7-Nov-97*
COC No.: *6551*
Sample No.: *16729*
Job No.: *2-1000*

Project Name: *Questar Energy*
Project Location: *Lindrith #14 Prod Tank Pit; Center of Pit @ 6'*
Sampled by: *FM* Date: *30-Oct-97* Time: *12:40*
Analyzed by: *DC/HR* GRO Date: *5-Nov-97*
Sample Matrix: *Soil* DRO Date: *6-Nov-97*

Laboratory Analysis

Parameter	Results as Received	Unit of Measure	Limit of Quantitation	Unit of Measure
<i>Gasoline Range Organics (C5 - C9)</i>	<i>11</i>	<i>mg/kg</i>	<i>1</i>	<i>mg/kg</i>
<i>Diesel Range Organics (C10 - C28)</i>	<i>96</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>2,084</i>	<i>14.6</i>	<i>15%</i>
<i>Diesel Range (C10 - C28)</i>	<i>ND</i>	<i>ppm</i>	<i>200</i>	<i>181</i>	<i>9.7</i>	<i>15%</i>

Matrix Spike

Parameter	1 - Percent Recovered	2 - Percent Recovered	Limit	RPD	RPD Limit
<i>Gasoline Range (C5-C9)</i>	<i>95</i>	<i>100</i>	<i>(80-120)</i>	<i>2</i>	<i>20%</i>
<i>Diesel Range (C10-C28)</i>	<i>72</i>	<i>72</i>	<i>(75-125)</i>	<i>1</i>	<i>20%</i>

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

Approved by: *[Signature]*
Date: *11/7/97*

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: *10-Nov-97*
COC No.: *6551*
Sample No.: *16729*
Job No.: *2-1000*

Project Name: *Questar Energy*
Project Location: *Lindrith #14 Prod Tank Pit; Center of Pit @ 6'*
Sampled by: *FM* Date: *30-Oct-97* Time: *12:40*
Analyzed by: *HR* Date: *7-Nov-97*
Sample Matrix: *Soil*

Laboratory Analysis

Parameter	Results as Received	Unit of Measure	Limit of Quantitation	Unit of Measure
<i>Benzene</i>	ND	ug/kg	25	ug/kg
<i>Toluene</i>	86	ug/kg	25	ug/kg
<i>Ethylbenzene</i>	144	ug/kg	25	ug/kg
<i>m,p-Xylene</i>	665	ug/kg	25	ug/kg
<i>o-Xylene</i>	130	ug/kg	25	ug/kg
	<i>TOTAL</i>	1025		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: *11/10/97*

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

for EPA Method 8020

Internal QC No.: 0559-STD

Reference Standard QC No.: 0529/30-QC

<i>Parameter</i>	<i>Result</i>	<i>Units of Measure</i>
<i>Average Amount of All Analytes In Blank</i>	< 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	63.6	6	15%
<i>Toluene</i>	ppb	60.0	66.0	10	15%
<i>Ethylbenzene</i>	ppb	60.0	65.2	8	15%
<i>m,p-Xylene</i>	ppb	120.0	126.2	5	15%
<i>o-Xylene</i>	ppb	60.0	64.8	8	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>	99	99	(39-150)	0	20%
<i>Toluene</i>	103	102	(46-148)	2	20%
<i>Ethylbenzene</i>	103	102	(32-160)	1	20%
<i>m,p-Xylene</i>	98	98	(35-145)	1	20%
<i>o-Xylene</i>	106	106	(35-145)	1	20%

	S1 Percent Recovered	S2 Percent Recovered
Laboratory Identification		
Limit Percent Recovery	(70-130)	
16729-6551	91	
	218	(21)
	11/15/97	11/16/97

S1: Flourobenezene

TECHNOLOGIES, LTD.

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

[illegible]

Distribution:	White -- On Site	Yellow -- I AB	Pink -- Sampler	Gold/Inrod	Client
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