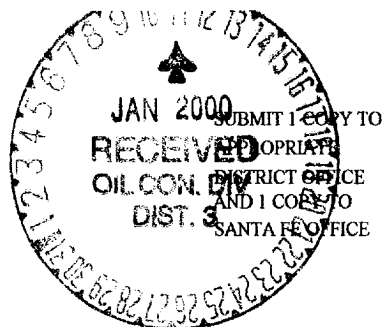


District I
P.O. Box 1980, Hobbs, NM
District II
P.O. Drawer DD, Artesia, NM 88211
District III
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

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



PIT REMEDIATION AND CLOSURE REPORT

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

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

Facility Or: Lindrith #13
Well Name

Location: Unit or Qtr/Qtr Sec K Sec 3 T 26N R 7W County Rio Arriba

Pit Type: Separator Dehydrator Other Separator / Compressor

Land Type: BLM , State X, Fee , Other

Pit Location: Pit dimensions: Length 30 ft, width 80 ft, depth 12 ft
(Attach diagram)

Reference: wellhead X other

Footage from reference: 15 ft

Direction from reference: Degrees East North X
of
 West South

Depth to Ground Water: (vertical distance from contaminants to seasonal highwater elevation of ground water)	<u>>100'</u>	<u> </u> Less than 50 feet	(20 points)	
		<u> </u> 50 ft to 99 feet	(10 points)	
	<u>X</u> Greater than 100 feet	(0 points)	<u>0</u>	

Wellhead Protection Area: (less than 200 feet from a private domestic water source, or: less than 1000 feet from all other water sources).	<u> </u> Yes	(20 points)	
	<u>X</u> No	(0 points)	<u>0</u>

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

Date Remediation Started: 10/21/97 Date Completed: 2/4/99

Excavation _____ Approx. cubic yards 889

Landfarmed X Insitu Bioremediation _____

Other _____

Remediation Method: Onsite X Offsite _____

(Check all appropriate
sections)

General Description of Remedial Action : On 10/21/97 to 10/23/97, the pit was excavated to a depth of 12 feet. A sample was obtained from the west wall of the pit at a depth of 9 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 West Wall

Sample depth 9 feet

Sample date 10/23/97

Sample time 13:30

Sample Results

Benzene(ppm) ND

Total BTEX (PPM) 1.967

Field Headspace (ppm) 401

TPH 8.6

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 K Sec. 3 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 #13

9. API Well No.:

30-039-06684

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
☐ 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**

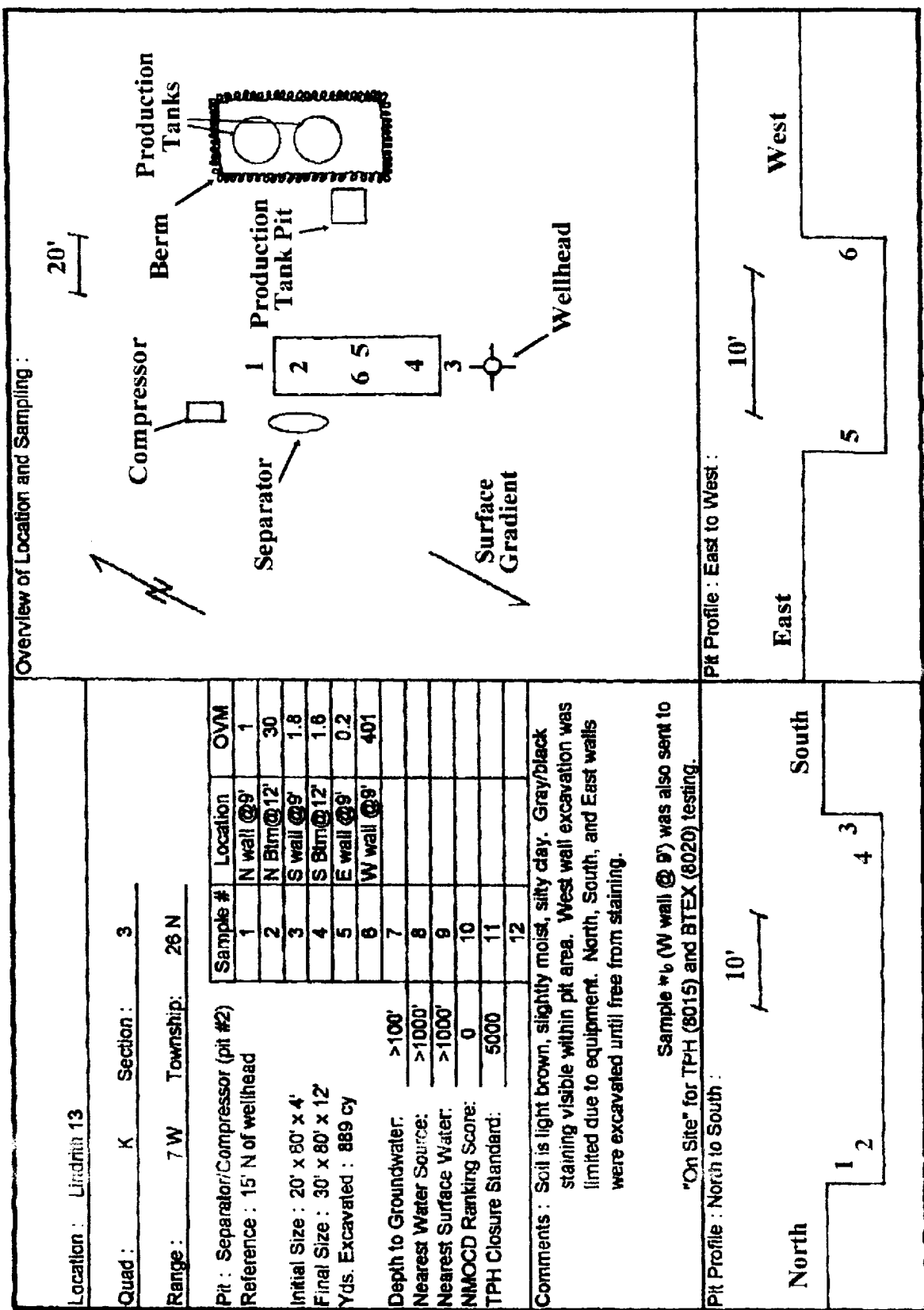
Date: **1-4-00**

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____



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: **30-Oct-97**
 COC No.: **6541**
 Sample No.: **16668**
 Job No.: **2-1000**

Project Name: **Questar Energy - Lindrith #13 Comp/Sep Pit**
 Project Location: **W. Wall @ 9'**
 Sampled by: **FM** Date: **23-Oct-97** Time: **13:30**
 Analyzed by: **DC/HR** GRO Date: **24-Oct-97**
 Sample Matrix: **Soil** DRO Date: **30-Oct-97**

Laboratory Analysis

Parameter	Results as Received	Unit of Measure	Limit of Quantitation	Unit of Measure
Gasoline Range Organics (C5 - C9)	2.6	mg/kg	0.5	mg/kg
Diesel Range Organics (C10 - C28)	6	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

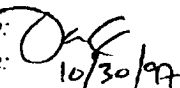
Continuing Calibration Verification

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	RPD	RPD Limit
Gasoline Range (C5 - C9)	ND	ppb	1,801	2,045	12.7	15%
Diesel Range (C10 - C28)	ND	ppm	200	201	0.4	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	RPD	RPD Limit
Gasoline Range (C5-C9)	104	97	(80-120)	2	20%
Diesel Range (C10-C28)	80	93	(75-125)	12	20%

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

Approved by: 
 Date: **10/30/97**

P.O. BOX 2606 • FARMINGTON, NM 87499

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: *30-Oct-97*
COC No.: *6541*
Sample No.: *16668*
Job No.: *2-1000*

Project Name: *Questar Energy - Lindrith #13 Comp/Sep Pit*
Project Location: *W. Wall @ 9'*
Sampled by: *FM* Date: *24-Oct-97* Time: *13:30*
Analyzed by: *DC* Date: *28-Oct-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	5	ug/kg
<i>Toluene</i>	32	ug/kg	25	ug/kg
<i>Ethylbenzene</i>	72	ug/kg	5	ug/kg
<i>m,p-Xylene</i>	1474	ug/kg	5	ug/kg
<i>o-Xylene</i>	389	ug/kg	5	ug/kg
	<i>TOTAL</i>	1967		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: *10/30/97*

Reference Standard QC No.: 0529/30-QC

1759

Date: 24 Dec 97

Page 1 of 1

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 – LAB	Pink – Sampler	Goldenrod – Client
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OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 25-Feb-99

Client:	Cimarron Oilfield Service	Client Sample Info:	Lindrith #13 Landfarm
Work Order:	9902043	Client Sample ID:	Lindrith #13 Comp
Lab ID:	9902043-01A	Matrix:	SOIL
Project:	Lindrith #13 Landfarm	Collection Date:	2/4/99 9:30:00 AM
		COC Record:	5696

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: DC
T/R Hydrocarbons: C10-C28	560	25		mg/Kg	1	2/24/99
GASOLINE RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C6-C10	ND	0.18		mg/Kg	1	2/12/99

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

1 of 1

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

Date:

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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