

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

OK

PIT REMEDIATION AND CLOSURE REPORTOperator: Questar Energy Company Telephone: (505) 326-9195Address: P.O. Box 2330 Farmington, NM 87499Facility Or: Lindrith #24M

Well Name

Location: Unit or Qtr/Qtr Sec K Sec 4 T 26N R 7W County Rio ArribaPit Type: Separator X Dehydrator _____ Other _____Land Type: BLM _____ State X Fee _____ Other _____Pit Location: Pit dimensions: Length 22 ft, width 22 ft, depth 12 ft

(Attach diagram)

Reference: wellhead X other _____Footage from reference: 90 ftDirection from reference: 15 Degrees X East North X
of
West South _____Depth to Ground Water: >100'
(vertical distance from
contaminants to seasonal
highwater elevation of
ground water)

_____	Less than 50 feet	(20 points)	
_____	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).

_____	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.)

_____	Less than 200 feet	(20 points)	
_____	200 feet to 1000 feet	(10 points)	
<u>X</u>	Greater than 1000 feet	(0 points)	<u>0</u>

P:\pits\PrrC@.WK3

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: 11/7/97 Date Completed: 2/3/99

Excavation _____ Approx. cubic yards 190

Landfarmed X Insitu Bioremediation _____

Other _____

Remediation Method: Onsite X Offsite _____

(Check all appropriate
sections)

General Description of Remedial Action : On 11/7/97, the pit was excavated to a depth of 12 feet.
A sample was obtained from the south wall of the pit at a depth of 8 feet utilizing
U.S.E.P.A. protocol and sent to On Site Technologies, Ltd. for GRO/DRO analysis.
Results provided concentrations below NMOCD guidelines. On 2/3/99, 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 South Wall

Sample depth 8 feet

Sample date 11/7/97

Sample time 10:50

Sample Results

Benzene(ppm) _____

Total BTEX (PPM) _____

Field Headspace (ppm) 21.2

TPH 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 K 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 #24M
9. API Well No.:
30-039-23137
10. Field & Pool/Exploratory Area:
Basin Dakota
11. County or Parish, State:
Rio Arriba, New Mexico

12. CHECK APPROPRIATE BOX(s) 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**

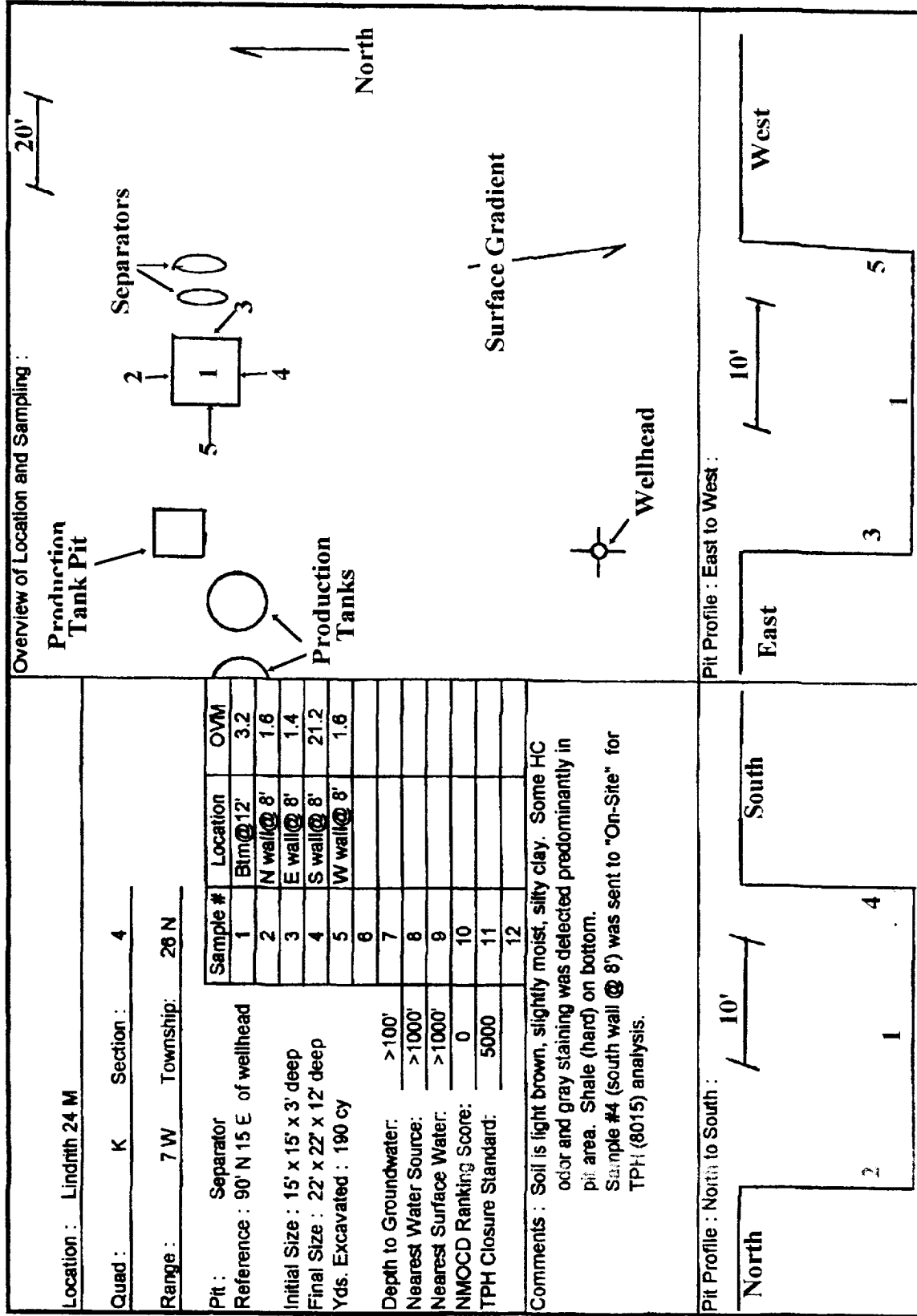
(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

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: *13-Nov-97*
COC No.: *6565*
Sample No.: *16809*
Job No.: *2-1000*

Project Name: *Questar Energy - Lindrith #24M*
Project Location: *Separator Pit; South Wall @ 8'*
Sampled by: *FM* Date: *7-Nov-97* Time: *10:50*
Analyzed by: *DC/HR* GRO Date: *11-Nov-97*
Sample Matrix: *Soil* DRO Date: *12-Nov-97*

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	2,043	12.6	15%
<i>Diesel Range (C10 - C28)</i>	ND	ppm	200	204	1.9	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	RPD	RPD Limit
<i>Gasoline Range (C5-C9)</i>	79	85	(80-120)	6	20%
<i>Diesel Range (C10-C28)</i>	91	90	(75-125)	1	20%

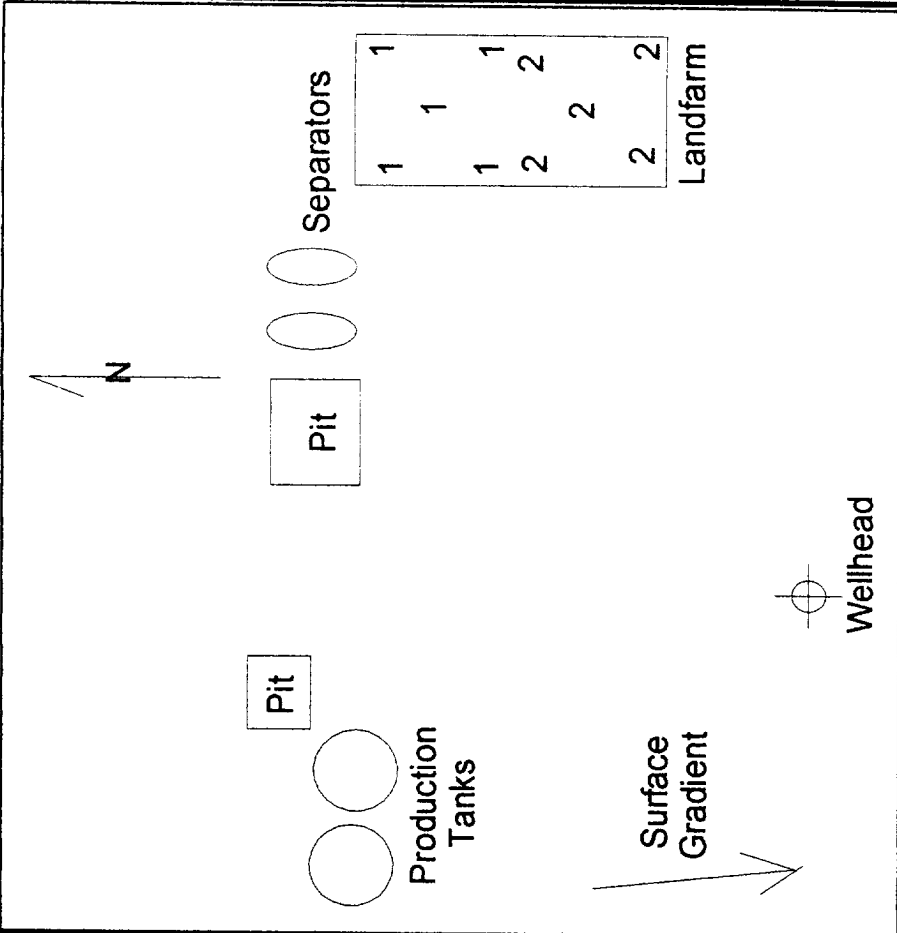
Method: *SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography*

Approved by: *[Signature]*
Date: *11/13/97*

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

[illegible]

Overview of Landfarm and Sampling :			
Location: <u>Lindrieth #24M</u>			
Quad: <u>K</u>	Section: <u>4</u>		
Township: <u>26N</u>	Range: <u>7W</u>		
Pit: <u>Separator</u>	Sample #	Location	OVM
Reference: <u>120' North 60° East of wellhead</u>	1	Comp. 1	2
Size: <u>10' x 20' x 1' deep</u>	2		
Yds: <u>190 cubic yards</u>	3		
	4		
	5		
	6		
	7		
	8		
	9		
	10		
	11		
	12		
1 <u>5 - Point Composite(s)</u>			
			
Comments: Soil is slightly moist, light brown, silty clay with no visible staining or hydrocarbon odor.			
A sample from Composite #1 was sent to "On-Site Technologies, Ltd." for 8015 GRO/DRO analysis.			
Environmental Specialist: <u>RB</u>			

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 25-Feb-99

Client:	Cimarron Oilfield Service	Client Sample Info:	Lindrith #24M Landfarm
Work Order:	9902046	Client Sample ID:	Lindrith 24M Comp #3
Lab ID:	9902046-01A	Matrix:	SOIL
Project:	Lindrith #24M Landfarm	Collection Date:	2/3 99 10:15:00 AM
		COC Record:	5692

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				
T/R Hydrocarbons: C10-C28	120	25		mg/Kg	1	Analyst: DC 2/23/99
GASOLINE RANGE ORGANICS		SW8015				
T/R Hydrocarbons: C6-C10	ND	0.18		mg/Kg	1	Analyst: HR 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

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