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Appropriate District Office
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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

Form C-104
Revised 1-1-89
See Instructions
at Bottom of Page

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Operator Conoco Inc.		Well API No. 300392/54400
Address 3817 N.W. Expressway, Oklahoma City, OK 73112		
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)		
New Well <input type="checkbox"/>	Change in Transporter of:	
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/>	Dry Gas <input type="checkbox"/>
Change in Operator <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/>	Condensate <input checked="" type="checkbox"/>
If change of operator give name and address of previous operator		

II. DESCRIPTION OF WELL AND LEASE

Lease Name AKI APACHE J	Well No. 28	Pool Name, including Formation BLANCO PICTURED CHITS, 50.	Kind of Lease State, Federal or Fee INDIAN	Lease No. C-147
Location				
Unit Letter N	Feet From The 1190	Line and 3	Feet From The 1540	Line W
Section 7	Township 25W	Range 5W	NMPM, Rio Arriba	County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil GIANT REFINING CO.	or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent) 23288 N. SCOTTSDALE RD, SCOTTSDALE AZ 85255				
Name of Authorized Transporter of Casinghead Gas GAS COMPANY OF NEW MEXICO	or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent) P.O. Box 1899, Broomfield, NM 87413				
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected? YES	When?

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Compl. Ready to Prod.		Total Depth			P.B.T.D.		
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay			Tubing Depth		
Perforations						Depth Casing Shoe		
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)

Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	RECEIVED OCT 2 1990	Choke Size
Actual Prod. During Test	Oil - Bbls.		Gas- MCF

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. OPERATOR CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature
W.W. Baker
J. E. Barton
Printed Name
9-10-90
Date
Administrative Supr.
(405) 948-3120
Telephone No.

OIL CONSERVATION DIVISION

Date Approved OCT 03 1990

By
Title
SUPERVISOR DISTRICT 13

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

DEPUTY OIL & GAS INSPECTOR

JICARILLA APACHE TRIBE

FEB 08 1999

ENVIRONMENTAL PROTECTION OFFICE

P.O. BOX 507
DULCE, NEW MEXICO 87528

SUBMIT 1 COPY TO
NATURAL
RESOURCE DEPT
AND OIL-GAS
ADMINISTRATION

Approved: **PIT**

PIT REMEDIATION AND CLOSURE REPORT

Operator:	PNM Gas Services (<u>CONOCO</u>)	Telephone:	324-3764
Address:	603 W. Elm Street Farmington, NM 87401		
Facility or Well Name:	<u>Ax: Apache "J" #28</u>		
Location:	Unit: <u>N</u>	Sec. <u>7</u>	T. <u>25N</u> R. <u>5W</u> County <u>Rio Arriba</u>
Pit Type:	Separator <u>X</u>	Dehydrator <u> </u>	Other <u> </u>
Land Type:	<u>Jicarilla Apache</u>		

Pit Location:	Pit dimensions:	length <u>18'</u>	width <u>18'</u>	depth <u>3'</u>
(Attach diagram)	Reference:	wellhead <u>X</u>	other <u> </u>	
	Footage from reference:	<u>92'</u>		
	Direction from reference:	<u>60°</u> Degrees	East <u> </u>	North <u>X</u>
			West <u>X</u>	South <u> </u>

Depth to Ground Water:			
(Vertical distance from contaminants to seasonal high water elevation of ground water)		Less than 50 feet	(20 points)
		50 feet to 99 feet	(10 points)
		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 1,000 feet from all other water sources)		Yes	(20 points)
		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 1,000 feet	(10 points)
		Greater than 1,000 feet	(0 points)
			<u>0</u>

Distance to Ephemeral Stream (dry wash):			
(Horizontal distance to all downgradient streams having a width of at least 10 feet)		Less than or equal to 100 feet	(10 points)
		Greater than 100 feet	(0 points)
			<u>0</u>

Distance to Nearest Lake, Playa, or Watering Pond:			
(Horizontal distance to all downgradient lakes, playas, and livestock or wildlife water ponds)		Less than or equal to 100 feet	(10 points)
		Greater than 100 feet	(0 points)
			<u>0</u>

RANKING SCORE (TOTAL POINTS):	<u>0</u>
--------------------------------------	----------

Date Remediation Started: 7-16-98 Date Completed: 9/9/98

Remediation Method: Excavation ☒ Approx. Cubic Yards 225

(Check all appropriate sections)

Landfarmed ☒ Amount Landfarmed (cubic yds): 225

Other _____

Remediation Location: Onsite ☒ Offsite _____

(i.e., landfarmed onsite, name and location of offsite facility)

General Description of Remedial Action:

Excavated pit 19'x20'x16'. Sandstone at 16' depth
Removed contaminated soil from all 4 side walls so as to
get a below 100 ppm head space reading.
Final excavation: 19'x20'x16'.

Ground Water Encountered: No ☒ Yes _____ Depth _____

Final Pit Closure Sampling:

(if multiple samples, attach sample result and diagram of sample locations and depths.)

Sample Location All 4 walls

Bottom 3 pt. comp.

Sample depth 12'-16'

Sample date 7/16/98 Sample time 1115 - 1120

Sample Results

Soil: Benzene (ppm) ND. 0.25 ppm

Water: Benzene (ppb) _____

Total BTEX (ppm) 1.2 ppm

Toluene (ppb) _____

Field headspace (ppm) 1610

Ethylbenzene (ppb) _____

TPH ND RAD ppm Method 8015

Total Xylenes (ppb) _____

Ground Water Sample: Yes _____ No ☒ (If yes, attach sample results)

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

DATE 8/3/98

PRINTED NAME Gary Cook
Roy Burnham

SIGNATURE Mary Cook

AND TITLE Environmental Technician III


AFTER REVIEW OF THE PIT CLOSURE INFORMATION, PIT CLOSURE IS APPROVED IN ACCORDANCE TO JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.

APPROVED: YES ☒ NO _____ (REASON): _____

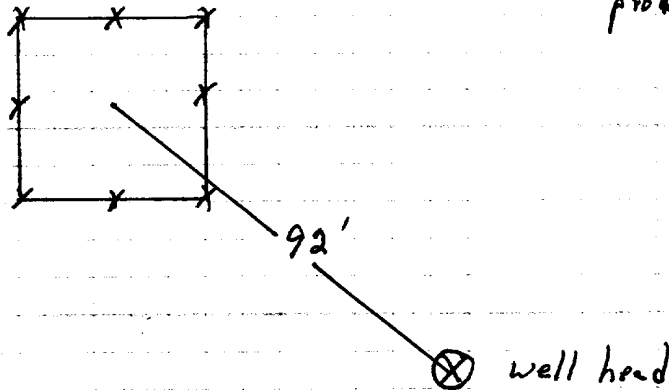
SIGNED: Ken C M... DATE: 8-18-98

Axi Apache "J" #28
 CONOCO
 Sec. 7, 25N, 5W, N

7/16/98

start of excavation:  meter house

production equip. has been removed



End of excavation: 19' x 20' x 16'

↑
N

West wall
 12' @ 7.3 ppm

North wall
 @ 12' = 17.1 ppm

East wall
 20' @ 12' = 37.9 ppm

16'
 Sandstone

South wall
 @ 12' = 6.5 ppm

Bottom @ 16'
 3 pt. core.
 1610 ppm

5' sample = 1309 ppm
 10' sample = 1243 ppm
 15' sample = 1231 ppm
 16' sample = 1469 ppm

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 28-Jul-98

CLIENT: PNM - Public Service Company of NM

Project: PNM Pit Remediation

Lab Order: 9807048

CASE NARRATIVE

Samples were analyzed using the methods outlined in the following references:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objectives.

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 28-Jul-98

Client:	PNM - Public Service Company of NM	Client Sample Info:	Axi Apache "J" #28
Work Order:	9807048	Client Sample ID:	9807161115; Bottom @ 16ft.
Lab ID:	9807048-02A	Matrix:	SOIL
Project:	PNM Pit Remediation	Collection Date:	7/16/98 11:15:00 AM
		COC Record:	7323

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	7/27/98
BTEX		SW8020A				Analyst: HR
Benzene	ND	25		µg/Kg	25	7/23/98
Toluene	ND	50		µg/Kg	25	7/23/98
Ethylbenzene	130	25		µg/Kg	25	7/23/98
m,p-Xylene	860	50		µg/Kg	25	7/23/98
o-Xylene	210	25		µg/Kg	25	7/23/98

1200
1.200 ppm

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

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OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 28-Jul-98

Client:	PNM - Public Service Company of NM	Client Sample Info:	Axi Apache "J" #28
Work Order:	9807048	Client Sample ID:	9807161120; Walls @ 12ft.
Lab ID:	9807048-01A	Matrix:	SOIL
Project:	PNM Pit Remediation	Collection Date:	7/16/98 11:20:00 AM
		COC Record:	7323

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	7/23/98

Qualifiers:	PQL - Practical Quantitation Limit	S - Spike Recovery outside accepted recovery limits
	ND - Not Detected at Practical Quantitation Limit	R - RPD outside accepted recovery limits
	J - Analyte detected below Practical Quantitation Limit	E - Value above quantitation range
	B - Analyte detected in the associated Method Blank	Surr: - Surrogate

1 of 1

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- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

JICARILLA APACHE TRIBE
ENVIRONMENTAL
PROTECTION OFFICE
P.O. BOX 507
DULCE, NEW MEXICO 87528

SUBMIT 1 COPY TO
NATURAL
RESOURCE DEPT
AND OIL-GAS
ADMINISTRATION

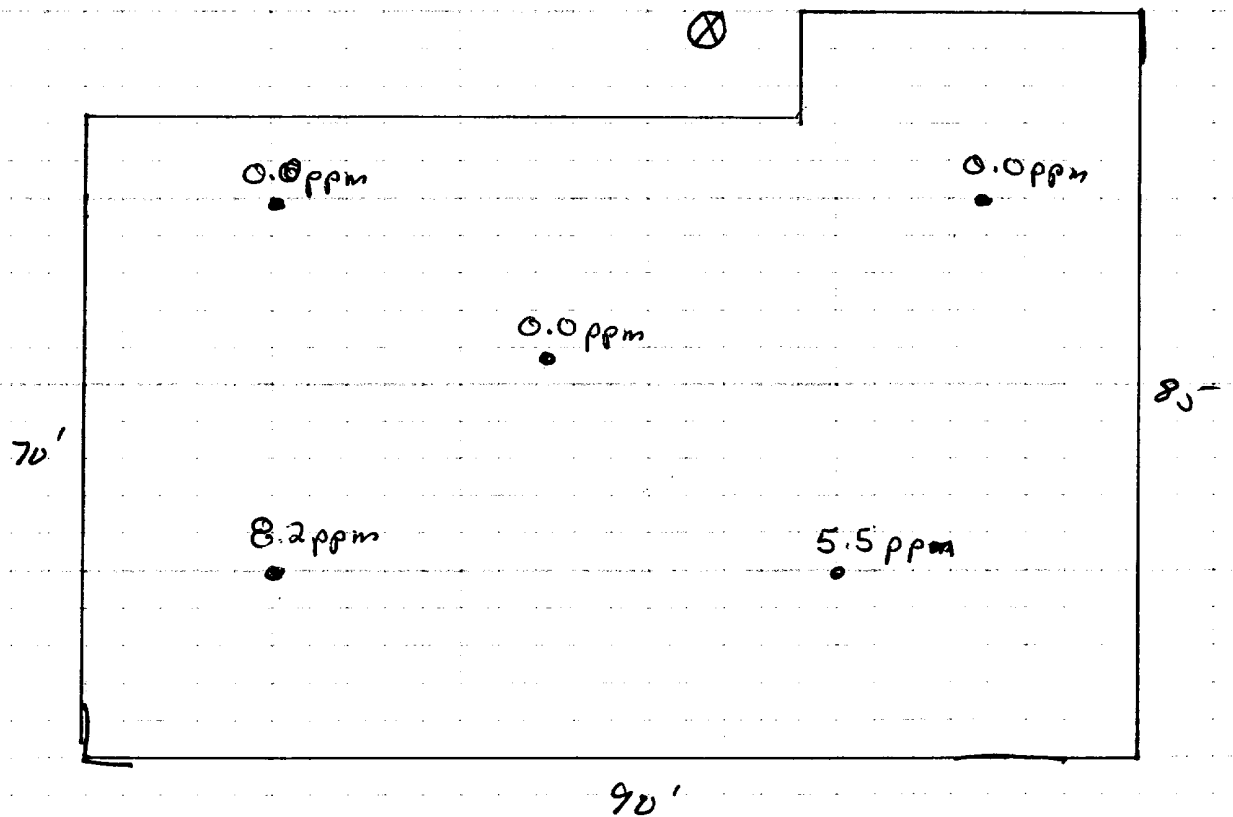
ON-SITE SOIL REMEDIATION REPORT

Operator: PNM Gas Services (<u>Conoco</u>) Telephone: <u>324-3764</u>	
Address: <u>603 W. Elm Street Farmington, NM 87401</u>	
Facility or Well Name: <u>Axi Apache "J" #28</u>	
Location: Unit: <u>N</u> Sec. <u>7</u> T. <u>25 N</u> R. <u>5 W</u> County <u>Rio Arriba</u>	
Land Type: <u>Jicarilla Apache</u>	
Date Remediation Started: <u>7/16/98</u> Date Completed: <u>8/21/98</u>	
Remediation Method: Landfarmed <u>✓</u> Approx. cubic yards: <u>225 yds</u> Composted <u> </u> Other <u> </u>	
Depth to Ground Water: (pts.) <u>0</u> Distance to an Ephemeral Stream: (pts.) <u>0</u> Distance to Nearest Lake, Playa, or Watering Pond: (pts.) <u>0</u> Wellhead Protection Area: (pts.) <u>0</u> Distance to Surface Water: (pts.) <u>0</u> Ranking Score (Total Points): <u>6</u>	Final Closure Sampling: Sampling Date: <u>8/17/98</u> Time: <u>1015</u> Sampling Results: Field Headspace (ppm): <u>8.2</u> TPH (ppm): <u>N/D</u> Method: <u>8015</u> Other: <u> </u>
<p>I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF</p> <p>DATE: <u>8/24/98</u> PRINTED NAME: <u>Roy Burnham</u></p> <p>SIGNATURE: <u>Roy Burnham</u> AND TITLE: <u>Environmental Technician II</u></p>	
<p>AFTER REVIEW OF THE SOIL REMEDIATION INFORMATION, ON-SITE REMEDIATION APPROVED IN ACCORDANCE TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE</p> <p>APPROVED: YES <u>X</u> NO <u> </u> (REASON): <u>use as Backfill</u></p> <p>SIGNED: <u>He-C M</u> DATE: <u>9-9-98</u></p>	

Axi Apache "J" #28
Conaco
Sec. 7, 25N, 5W, N

7-16-98

land farm: On location



225 yds
2"-12" depth

soil vapor headspace =

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 26-Aug-98

CLIENT: PNM - Public Service Company of NM
Project: PNM Pit Remediation
Lab Order: 9808036

CASE NARRATIVE

Samples were analyzed using the methods outlined in the following references:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objectives.

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 26-Aug-98

Client:	PNM - Public Service Company of NM	Client Sample Info:	Axi Apache J-28 LF
Work Order:	9808036	Client Sample ID:	9808171015; 5pt. Comp.
Lab ID:	9808036-14A	Matrix:	SOIL
Project:	PNM Pit Remediation	Collection Date:	8/17/98 10:15:00 AM
		COC Record:	7333/34/35

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	8/21/98

Qualifiers:

PQL - Practical Quantitation Limit

S - Spike Recovery outside accepted recovery limits

ND - Not Detected at Practical Quantitation Limit

R - RPD outside accepted recovery limits

J - Analyte detected below Practical Quantitation Limit

E - Value above quantitation range

B - Analyte detected in the associated Method Blank

Surr: - Surrogate

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