

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-104
Revised 10-1-78

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SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRODUCTION OFFICE	

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I. OPERATOR

Operator
APACHE CORPORATION

Address
1700 LINCOLN, #4900, DENVER, COLORADO 80203-4549

Reason(s) for filing (Check proper box)

New Well	<input type="checkbox"/>	Change in Transporter of:	
Recompletion	<input type="checkbox"/>	Oil	<input type="checkbox"/>
Change in Ownership	<input checked="" type="checkbox"/>	Casinghead Gas	<input type="checkbox"/>
		Dry Gas	<input type="checkbox"/>
		Condensate	<input type="checkbox"/>

Other (Please explain)

If change of ownership give name and address of previous owner
Cotton Petroleum Corporation, 3773 Cherry Creek Drive No., #750, Denver, Colorado 80209

II. DESCRIPTION OF WELL AND LEASE

Lease Name
APACHE

Well No.
15

Pool Name, including Formation
LINDRITH GALLUP-DAKOTA W.

Kind of Lease
State, Federal or Fee FEDERAL

Lease No.
126

Location

Unit Letter M ; 1040' Feet From The South Line and 819' Feet From The West

Line of Section 4 Township 24N Range 4W, NMPM, RIO ARRIBA County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
EL PASO NATURAL GAS	P.O. BOX 1492 - EL PASO, TX 79978
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When
	24N 4W YES

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
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 Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)
Length of Test	Tubing Pressure	Casing Pressure
Actual Prod. During Test	Oil-Bbls.	Water-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. 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)

(Title)

10/13/86

(Date)

OIL CONSERVATION DIVISION

OCT 20 1986

APPROVED

BY

SUPERVISOR DISTRICT 3

TITLE

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviated tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiple completed wells.

OCT 28 1997

2040 S. PACHECO
Santa Fe, New Mexico 87505

PIT REMEDIATION AND CLOSURE REPORT

Approved

Operator: <u>Apache Corporation</u>		Telephone: <u>505-325-0318</u>	
Address: <u>304 N. Behrend, Farmington, NM 87401</u>			
Facility or Well Name:		<u>Apache # 15</u>	
Location: Unit or Qtr/Qtr Sec	<u>M</u>	<u>Sec 4</u>	<u>T 24 N R 4W</u> County <u>Rio Arriba</u>
Pit Type: Separator: _____	Dehydrator: _____	Other: _____	<u>Blow Pit</u>
Land Type: <u>Jicarilla Tribal</u>			

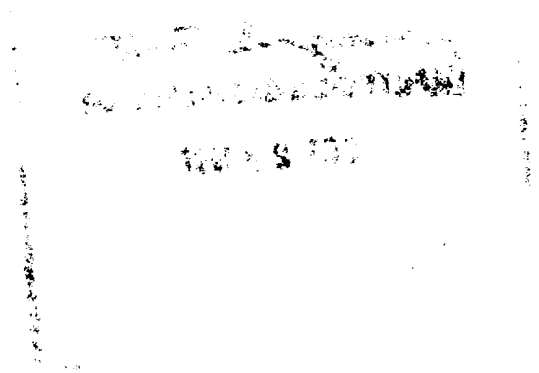
Pit Location: (Attach diagram)	Pit Dimensions:	Length <u>21'</u>	Width <u>21'</u>	Depth <u>7'</u>
Reference:	Wellhead <u>X</u>	Other: _____		
Footage from reference:	<u>140'</u>			
Direction from reference:	<u>230</u> Degrees	_____ East	North	_____
		<u>XX</u> West	of South	<u>XX</u>

Depth To Groundwater: (vertical distance from contaminants to seasonal high water elevation of groundwater)	Less than 50 feet	(20 points)	_____
	50 feet to 99 feet	(10 points)	_____
	Greater than 100 feet	(0 points)	0

Wellhead Protection Area: (Less than 200 feet from a private domestic water source, or; less than 1000 feet from all other water sources)	<div style="border: 2px solid black; padding: 5px; transform: rotate(-5deg); display: inline-block;"> RECEIVED AUG 20 1997 OIL CON. DIV. DIST. 3 </div>	Yes	(20 points)	_____
		No	(0 points)	0

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)	_____
	Greater than 1000 feet	(0 points)	0

RANKING SCORE (TOTAL POINTS)	0
------------------------------	---



Date Remediation Started: 9/11/95 Date Completed: 9/11/95

Remediation Method: Excavation XXX Approx. cubic yards _____
(Check all appropriate sections) Landfarmed NONE Insitu Bioremediation _____
Other _____

Remediation Location: Onsite X Offsite _____
(i.e. landfarmed onsite, name and location of offsite facility)

General Description of Remedial Action: Excavate pit to 7', took PID readings, readings low.

Took soil samples, results within closure limits. Put soil back into pit.

Groundwater Encountered: No X Yes _____ Depth _____

Final Pit: Sample location 5 point composite taken from pit sidewalls and pit bottom center

Closure Sampling:

(in multiple samples, attach sample results

and diagram of sample locations and depths)

Sample depth 8 to 10" into pit sidewalls 10" into pit bottom

Sample Date 9/11/95 Sample Time 2:15 PM
Sample results

Benzene (ppm) ND

Total BTEX (ppm) ND

Field Headspace (ppm) ND

TPH ND

Groundwater Sample: Yes _____ No X (If yes attach sample results)

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

DATE 8-Aug-97 PRINTED NAME Jeff Cross

SIGNATURE Jeff Cross AND TITLE Project Manager

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

PIT REMEDIATION AND CLOSURE REPORT

Operator: <u>APACHE CORPORATION</u>		Telephone <u>505-325-0318</u>	
Address: <u>304 N. BEHREND, FARMINGTON, N.M. 84701</u>			
Facility or Well Name: <u>APACHE # 15</u>			
Location:	Unit or Qtr/Qtr	Sec	<u>M SEC 4 T 24N R 4W</u> County <u>RIO ARRIBA</u>
Pit Type:	Separator: <u> </u>	Dehydrator <u> </u>	Other <u>BLOW PIT</u>
Land Type:	<u>JIC. TRIBAL</u>		

Pit Location: (Attach diagram)	Pit Dimensions:	Length <u>21'</u>	Width <u>21'</u>	Depth <u>7'</u>
	Reference:	Wellhead <u>XXX</u>	Other <u> </u>	
	Footage from reference:	<u>140'</u>		
	Direction from reference:	<u>230</u> Degrees	<u> </u> East	<u> </u> North
		<u>X</u> West	of	<u> </u> South <u>XX</u>

Depth To Groundwater: (vertical distance from contaminants to seasonal high water elevation of groundwater)	Less than 50 feet	(20 points)	
	50 feet to 99 feet	(10 points)	
	Greater than 100 feet	(0 points)	0
Distance to an Ephemeral Stream: (Downgradient dry wash greater than ten feet in width)	Less than 100 feet	(10 points)	
	Greater than 100 feet	(0 points)	0
Distance to Nearest Lake, Playa, or Watering Pond: (Downgradient lakes, playas and livestock or wildlife watering ponds)	Less than 100 feet	(10 points)	
	Greater than 100 feet	(0 points)	0
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)	
	No	(0 points)	0
Distance To Surface Water: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Less than 100 feet	(20 points)	
	100 feet to 1000 feet	(10 points)	
	Greater than 1000 feet	(0 points)	0
	RANKING SCORE (TOTAL POINTS)		0

Date Remediation Started: 9/11/95 Date Completed: 9/11/95

Remediation Method: Excavation XXX Approx. cubic yards _____
(Check all appropriate sections) Landfarmed NONE Insitu Bioremediation _____
Other _____

Remediation Location: Onsite _____ Offsite _____
(i.e. landfarmed onsite, name and location of offsite facility) _____

General Description of Remedial Action: Excavate pit to 7', took PID readings, readings low,
took soil samples, results within closure limits. Put soil back into pit.

Groundwater Encountered: No XXX Yes _____ Depth _____

Final Pit: Sample location 5 point composite taken from pit sidewalls and pit bottom center.

Closure Sampling:

(in multiple samples, attach sample results

and diagram of sample locations and depths)

Sample depth 8" to 10" into pit side walls, 10" into pit bottom.

Sample Date 9/11/95 Sample Time 2:15 PM

Sample results

Soil:	Benzene	(ppm)	<u>ND</u>	Water:	Benzene	(ppb)	<u>NA</u>
	Total BTEX	(ppm)	<u>ND</u>		Toluene	(ppb)	<u>NA</u>
	Field Headspace	(ppm)	<u>ND</u>		Ethylbenzene	(ppb)	<u>NA</u>
	TPH	(ppm)	<u>ND</u>		Total Xylenes	(ppb)	<u>NA</u>

Groundwater Sample: Yes _____ No XXX (If yes attach sample results)

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

DATE 7/25/97 PRINTED NAME JEFF CROSS

SIGNATURE *Jeff Cross* AND TITLE PROJECT MANAGER

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

APPROVED: YES X NO _____ (REASON) _____

SIGNED:

Kew C Marshall

DATE:

7-30-97

DRAINAGE

NORTH

APACHE

APACHE NUMBER 15

SECTION 4, TOWNSHIP 24N, RANGE 4W

RIO ARRIBA COUNTY, NM

Burns
FENCED
BLOW PIT(1)

2" GAS BLOW LINE, 135'

WELL HEAD

2" GAS FLOW LINE, 72'

EPNG LINE DRIP

2" GAS FLOW LINE, 24'

4" BY 50 FEET, EPNG METER RUN
METER #29459

EPNG
PIT(1)

NORTH

APACHE CORPORATION FARMINGTON DISTRICT PIT EXCAVATION AND CLOSURE REPORT

JICARILLA APACHE TRIBAL EPO
REVIEW AND APPROVAL

EPO REPRESENTATIVE K.C.
DATE OF REVIEW: 10/30/95

LOCATION: APACHE 15
PIT COUNT: 1

EXCAVATION								
DIMENSIONS		START		FINISH				CU. YDS.
	W'	L'	D'		W'	L'	D'	
PIT 1	21'	21'	4'	PIT 1	21'	21'	7'	66.0
PIT 2				PIT 2				
PIT 3				PIT 3				
DATE: 09/11/95		PIT 1@ 07'	PIT 2@	PIT 3@	DATE:		PIT 1@	PIT 2@
P.	CENTER	0.0			P.	CENTER		
I.	NW CORNER	0.0			I.	NW CORNER		
D.	NE CORNER	0.0			D.	NE CORNER		
	SW CORNER	0.0				SW CORNER		
	SE CORNER	0.0				SE CORNER		

NOTES:

09/11/95 Excavate to 7'. No evidence of contamination.

SOIL SAMPLING

DATE: 09/11/95		PIT 1@ 07'	PIT 2@	PIT 3@	ANALYSIS RESULTS		PER LAB: ASSAIGAI	
P.	CENTER	0.0			PIT NO.	TPH	BTEX	WITNESS
I.	NW CORNER	0.0			1	ND	ND	IF&S
D.	NE CORNER	0.0						09/11/95
	SW CORNER	0.0						
	SE CORNER	0.0						

RE-SAMPLE OR CELL(S) SAMPLE

DATE:		PIT 1@	PIT 2@	PIT 3@	ANALYSIS RESULTS		PER LAB:	
P.	CENTER				PIT NO.	TPH	BTEX	WITNESS
I.	NW CORNER							DATE
D.	NE CORNER							
	SW CORNER							
	SE CORNER							

RE-SAMPLE OR CELL(S) SAMPLE

DATE:		PIT 1@	PIT 2@	PIT 3@	ANALYSIS RESULTS		PER LAB:	
P.	CENTER				PIT NO.	TPH	BTEX	WITNESS
I.	NW CORNER							DATE
D.	NE CORNER							
	SW CORNER							
	SE CORNER							

**PIT CLOSURE STATUS REPORT
(CONFIDENTIAL)**

Date: 09/11/95	Well Number: APACHE #15	KS 10/30/95	Proj. Number: 95017
Date Start: 09/11/95	Number of Pits: 1		Date Finished: 09/11/95

DIMENSIONS & YARDAGE

1	Type:	H		C	X	Dimensions Pit 1 Start:	21' X 21' X 4	Dimensions Pit 1 Finished:	21' X 21' X 7'
2	Type:	H		C		Dimensions Pit 2 Start:		Dimensions Pit 2 Finished:	
3	Type:	H		C		Dimensions Pit 3 Start:		Dimensions Pit 3 Finished:	
Total Cu. Yards Removed:							66	Total Liquids Removed:	0

TPH & BTEX ANALYSIS

[illegible]

Notes:

Lab ID: 9509145-07A
Sample ID: AP# 15

Collected: 09/11/95 14:15:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846 8020A	ND	mg/Kg	0.0010	5.0	09/20/95	SBTXME074
Ethylbenzene	ND	mg/Kg	0.0010	5.0	09/20/95	SBTXME074
P-&m-Xylene	ND	mg/Kg	0.0010	5.0	09/20/95	SBTXME074
O-Xylene						

Lab ID: 9509145-07B
Sample ID: AP# 15

Collected: 09/11/95 14:15:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
HCs DIESEL/CAL DHS 8015M	ND	mg/Kg	5.0	1.0	09/27/95	SLFTD46
Diesel	09/21/95	N/A				
HCs DSL XT/CAL DHS 8015M						

Lab ID: 9509145-08A
Sample ID: AP# 21-C

Collected: 09/11/95 15:00:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846 8020A	ND	mg/Kg	0.0010	5.0	09/20/95	SBTXME074
Benzene	ND	mg/Kg	0.0010	5.0	09/20/95	SBTXME074
Toluene	ND	mg/Kg	0.0010	5.0	09/20/95	SBTXME074
Ethylbenzene	ND	mg/Kg	0.0010	5.0	09/20/95	SBTXME074
P-&m-Xylene	ND	mg/Kg	0.0010	5.0	09/20/95	SBTXME074
O-Xylene	ND	mg/Kg	0.0010	5.0	09/20/95	SBTXME074

Lab ID: 9509145-08B
Sample ID: AP# 21-C

Collected: 09/11/95 15:00:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
HCs DIESEL/CAL DHS 8015M	28B	mg/Kg	5.0	1.0	09/27/95	SLFTD46
Diesel	09/21/95	N/A				
HCs DSL XT/CAL DHS 8015M						

Lab ID: 9509145-09A
Sample ID: AP# 21H

Collected: 09/11/95 15:46:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846 8020A	ND	mg/Kg	0.0010	5.0	09/20/95	SBTXME074
Benzene	ND	mg/Kg	0.0010	5.0	09/20/95	SBTXME074
Toluene	ND	mg/Kg	0.0010	5.0	09/20/95	SBTXME074
Ethylbenzene	ND	mg/Kg	0.0010	5.0	09/20/95	SBTXME074
P-&m-Xylene	ND	mg/Kg	0.0010	5.0	09/20/95	SBTXME074



Chain of Custody Record

Lab job no:

7115

Date

Page 6 of 7

Client Apache Corp.

Address 304 N. Behrend

City/State/Zip Farmington NM 87401

Project Name / Number Pt Remediation 9547

Contract / Purchase Order / Quote

Project Manager / Contact

John Taylor

Telephone No.

325-0318

Fax No.

325-0325

Samplers: (Signature) [Signature]

300 JEFFERSON, N.E.

ALBUQUERQUE, NEW MEXICO 87101

(505) 345-8964

3332 WEBSTERWOOD

EL PASO, TEXAS 79925

(915) 593-6001

1910 N. BIG SPRING

MIDLAND, TEXAS 79705

(915) 570-1116

MELQUIADES ALANIS

6411 LOCAL UNO

CIUDAD JUAREZ, CHIHUAHUA MEXICO 32320

OCT 5 1995

Analysis Required

Remarks

No. of Containers

ALL FRACTION NUMBER	Field Sample Number / Location	Date	Time	Sample Type	Type / Size of Container	Preservation Temp.	Chemical
67A	AP # 15	9/11	2:15	Soil	Glass	20°	ICE
67B	AP # 15	9/11	2:15				
67C	AP # 21 C		3:10				
67D	AP # 21 C		3:00				
67E	AP # 21 H		3:16				
67F	AP # 21 H		3:16				
67G	AP # 30	9/12	10:10				
67H	AP # 30	9/12	10:10				
67I	AP # 108		3:10				
67J	AP # 108		3:10				
67K	AP # 11	9/13	2:13				
67L	AP # 11	9/13	2:13				

Relinquished by:	Received by:
Signature <u>[Signature]</u>	Signature <u>[Signature]</u>
Printed <u>[Name]</u>	Printed <u>[Name]</u>
Company <u>[Company]</u>	Company <u>[Company]</u>
Reason <u>[Reason]</u>	Reason <u>[Reason]</u>

After analysis, samples are to be:

☐ Disposed of (additional fee)

☐ Stored (30 days max)

☐ Stored over 30 days (additional fee)

☐ Returned to customer

COURIER