

N

30-045-28202

09-04-90

F. Loc. 1245/N; 790/E Elev. 5867 GL Spd. \_\_\_\_\_ Comp. \_\_\_\_\_ TD \_\_\_\_\_ PB \_\_\_\_\_  
 Cu. ft. \_\_\_\_\_ Cu. ft. \_\_\_\_\_  
 Casing S. \_\_\_\_\_ @ \_\_\_\_\_ W \_\_\_\_\_ Sx. Int. \_\_\_\_\_ @ \_\_\_\_\_ W \_\_\_\_\_ Sx. Pr. \_\_\_\_\_ @ \_\_\_\_\_ W \_\_\_\_\_ Sx. T. \_\_\_\_\_ @ \_\_\_\_\_  
 Csg. Perf. \_\_\_\_\_ Prod. Stim. \_\_\_\_\_

T Gas  
R  
A  
N  
S

I.P. \_\_\_\_\_ BO/D \_\_\_\_\_ Grav. \_\_\_\_\_ 1st Del. Gas \_\_\_\_\_  
 MCF/D After \_\_\_\_\_ Hrs. SICIP \_\_\_\_\_ PSI After \_\_\_\_\_ Days GOR \_\_\_\_\_ 1st Del. Oil \_\_\_\_\_

TOPS		NI/D	X	Well Log	TEST DATA						
				Plat	Schd.	PC	Q	PW	PD	D	Ref.No.
Jajo Alamo		C-103		Plat X							
Kirtland		C-104		Electric Log							
Fruitland				C-122							
Pictured Cliffs		Ditr		Dfa							
Chacra		Datr		Dac							
Cliff House											
Menefee											
Point Lookout											
Mancos											
Gallup											
Greenhorn											
Dakota											
Entrada											
				E/319.70							
				Acres							

*Texaco, Inc.*

P  
o  
o

Near Victoria #3

A-01-27N-09W

TEXACO E+P INC

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# United States Department of the Interior



BUREAU OF LAND MANAGEMENT  
Farmington Resource Area  
1235 Laplata Highway  
Farmington, New Mexico 87401

IN REPLY REFER TO:  
SF-078357-A et al. (WC)  
3162.3-1 (019)

OCT. 1 8 1991

Texaco Inc.  
3300 N. Butler  
Farmington, NM 87401

Gentlemen:

Enclosed are your Applications for Permit to Drill well Nos:

- ✓ 1. 4 J. Q. Marshall, sec. 1, T. 27 N., R. 9 W., San Juan County, NM, lease SF-078357-A.
- ✓ 2. 4 H. J. Loe Federal B, sec. 23, T. 29 N., R. 12 W., San Juan County, NM, lease NM-014378.
- ✓ 3. 8 Nellie Platero, sec. 10, T. 27 N., R. 9 W., San Juan County, NM, lease I-149-IND-8464.
- ✓ 4. 10 John Charles, sec. 13, T. 27 N., R. 9 W., San Juan County, NM, lease I-149-IND-8466.
- ✓ 5. 5 Charley Pah, sec. 12, T. 27 N., R. 9 W., San Juan County, NM, lease I-149-IND-8465.
- ✓ 6. 3 Neah Victoria, sec. 1, T. 27 N., R. 9 W., San Juan County, NM, lease I-149-IND-8463.

As discussed with Mark Wakefield of your company on, October 11, 1991, the subject APDs are rescinded and returned due to drilling not being commenced within the approved period of time.

You are required to request surface rehabilitation instructions from this office if construction activities occurred on the referenced drill site. If this office does not receive comment within 30 days, we will presume that no construction occurred and proceed accordingly. Later discovery that construction activities have in fact occurred, may result in assessment of liquidated damages.

Sincerely,

John L. Keller  
Chief, Branch of Mineral Resources

6 Enclosures

cc:  
New Mexico Oil Conservation Division, 1000 Rio Brazos Rd., Aztec, NM 87410  
BIA, Window Rock

**ABANDONED LOCATION**

**RECEIVED**

OCT 21 1991

OIL CON. DIV  
DIST. 3

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-045-28202  
5. LEASE DESIGNATION AND SERIAL NO.  
149-IND-8463

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
DRILL  DEEPEN  PLUG BACK

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Navajo

b. TYPE OF WELL  
OIL WELL  GAS WELL  OTHER   
SINGLE ZONE  MULTIPLE ZONE

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR  
Texaco

8. FARM OR LEASE NAME  
Neah Victoria

3. ADDRESS OF OPERATOR  
3300 North Butler Farmington, NM 87401

9. WELL NO.  
3

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface  
1245'FNL - 790'FEL  
At proposed prod. zone

10. FIELD AND POOL, OR WILDCAT  
Basin Fruitland Coal

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 1, T27N, R9W

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
10 miles SE of Blanco, NM

12. COUNTY OR PARISH 13. STATE  
San Juan NM

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 790'

16. NO. OF ACRES IN LEASE  
319.70

17. NO. OF ACRES ASSIGNED TO THIS WELL  
E/319.70

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 250'

19. PROPOSED DEPTH  
2060'

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DE, RT, GR, etc.)  
5867' GL  
This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4

22. APPROX. DATE WORK WILL START\*  
July 1, 1990

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	300'	348 cuft/circulated to surface
7 7/8"	5 1/2"	15.5#	2060'	860 cuft/circulated to surface

See Attached

Propose to spud in the San Jose Formation. Will drill a 12 1/4" surface hole to a TD of 300'. Run and cement surface casing with cement returns to surface. WOC 12 hours. Pressure test to 1500 psi/30 mins. Drill a 7 7/8" hole to a TD of 2060' using fresh water mud. No abnormal pressures or poisonous gases are anticipated. Logs will be run at TD. Run and cement production casing with cement returns to surface. The drilling rig will be released and a completion unit moved in. Cased hole cement bond and correlation logs will be run. The Fruitland coals will be perforated and stimulated using either fresh water base gel or foam system.

Surface ownership is Indian Allotted.

RECEIVED

SEP 04 1990

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give details on proposed production zone and proposed new productivity zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface location and proposed vertical depths. Give blowout preventer program, if any.

24. SIGNED Alan A. Kleier

TITLE Area Manager

DATE 7-1-90

(This space for Federal or State office use)

AS APPROVED

PERMIT NO. \_\_\_\_\_

APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE Aug 28 1990

AREA MANAGER

\*See Instructions On Reverse Side

Submit to Appropriate  
District Office  
State Lease - 4 copies  
Fee Lease - 3 copies

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised 1-1-89

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

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

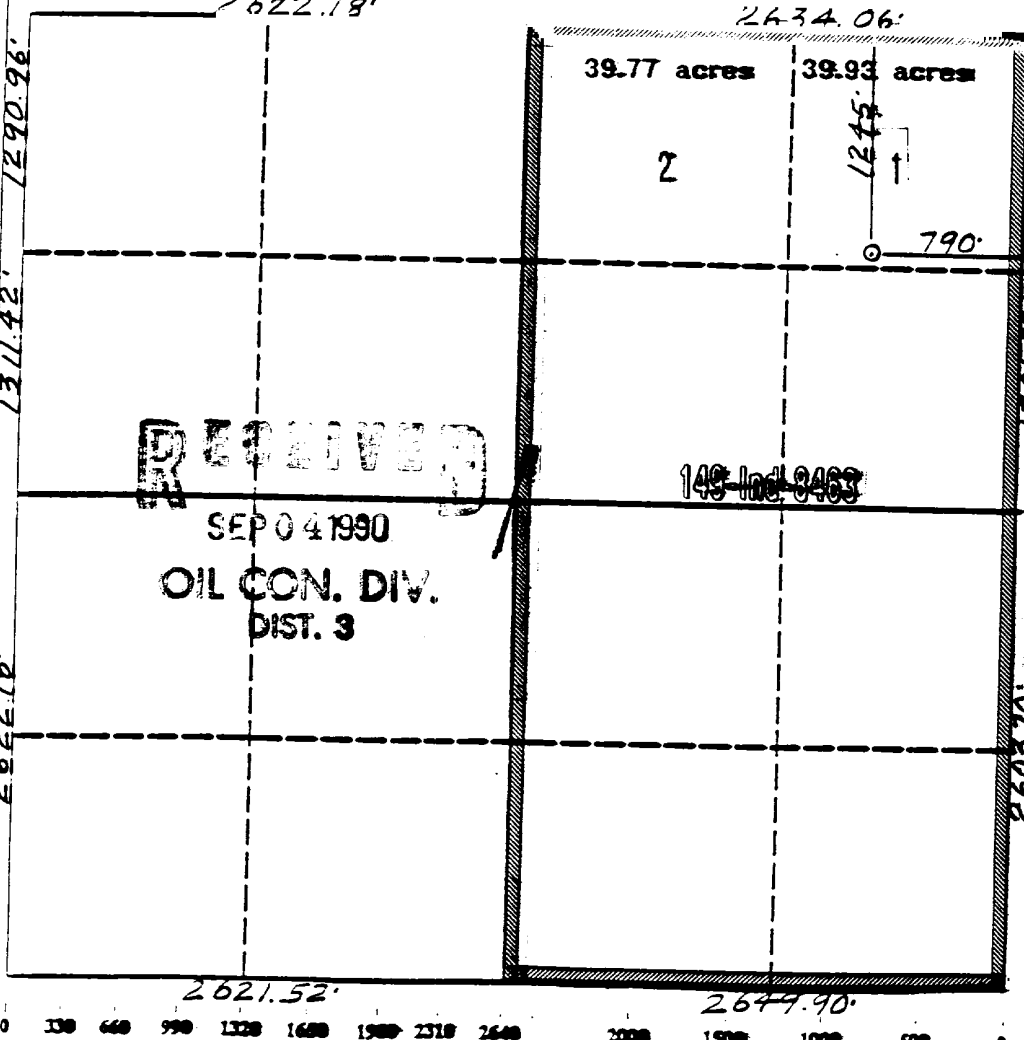
DISTRICT II  
P.O. Drawer DD, Artesa, NM 88210

DISTRICT III  
1000 Rio Grande Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT  
All Distances must be from the outer boundaries of the section

Operator <b>TEXACO</b>		Lease Neah Victoria		Well No. 3
Unit Letter A	Section 1	Township 27 North	Range 9 West	County San Juan
Actual Footage Location of Well: 1245 feet from the North line and 790 feet from the East line				
Ground level Elev. 5867'	Producing Formation Fruitland Coal	Pool Basin Fruitland Coal	Dedicated Acreage: 319.70 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hectare marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by commutation, unitization, force-pooling, etc.?
  - Yes  No If answer is "yes" type of consolidation \_\_\_\_\_
 If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)  
 No allowable well be assigned to the well until all interests have been consolidated (by commutation, unitization, force-pooling, or otherwise) or until a non-standard tract, administering such interest, has been approved by the Division.



**OPERATOR CERTIFICATION**  
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature: Alan A. Kleier  
Printed Name: Alan A. Kleier  
Position: Area Manager  
Company: Texaco  
Date: \_\_\_\_\_

**SURVEYOR CERTIFICATION**  
I hereby certify that the well location shown on this plat was plotted from field notes or actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief. 5-19-90

Date Surveyed: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Professional Seal:

Certificate No. \_\_\_\_\_  
Neale Edwards

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT-" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. <b>149-IND-8463</b>
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>NAVAJO</b>
1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR <b>TEXACO PRODUCING INC.</b>	8. FARM OR LEASE NAME <b>NEAH VICTORIA</b>	
3. ADDRESS OF OPERATOR <b>P. O. Box 3109, Midland, Texas 79702</b>	9. WELL NO. <b>3</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>1245' FNL &amp; 790' FEL</b>	10. FIELD AND POOL, OR WILDCAT <b>BASIN FRUITLAND COAL</b>	
	11. SEC., T., R., OR BLK. AND SURVEY OR AREA <b>SEC. 1, T-27-N, R-9-W</b>	
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>GR-5867'</b>	12. COUNTY OR PARISH <b>SAN JUAN</b>
		13. STATE <b>NM</b>

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>	(Other) _____	
(Other) _____		(NOTE: Report results of multiple completion on well Completion or Recompletion Report and Log form.)	

17. 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.)\*

**TEXACO IS AMENDING THE COMPLETION TECHNIQUE ON THIS WELL FROM A 'CASED-THROUGH & PERFORATED' TYPE TO THE 'OPEN-HOLE CAVITATION' TECHNIQUE. IT IS NOW PLANNED TO:**

1. SET 9 5/8 in. SURFACE CASING AT 300' AND CIRCULATE CEMENT.
2. SET 7 in. INTERMEDIATE CASING AT THE TOP OF THE FRUITLAND COAL AND CIRCULATE CEMENT.
3. DRILL THROUGH THE COAL STRINGERS UNTIL JUST BELOW THE BASAL COAL UNDERBALANCED, APPLY AIR - CAUSING THE COAL TO CAVE. A 6 1/4 in. HOLE WILL NOW BE DRILLED TO A NEW TD OF 1980'.
4. RUN A 5 1/2 in. PREDRILLED LINER AND HANG IT WITH EITHER A MECHANICAL OR HYDRAULIC SET PACKER-TYPE HANGER A MINIMUM OF 50' UP IN THE 7 in. CASING.

**A REVISED 8-POINT DRILLING PLAN IS ATTACHED.**

18. I hereby certify that the foregoing is true and correct

SIGNED <u>S.P. Baaham / cwh</u>	TITLE <u>DRILLING SUPERINTENDENT</u>	DATE <u>08-14-90</u>
---------------------------------	--------------------------------------	----------------------

(This space for Federal or State office use)

APPROVED BY _____	TITLE _____	DATE _____
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CONDITIONS OF APPROVAL, IF ANY:

**\*See Instructions on Reverse Side**

## Instructions

**General:** This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 17:** Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

## PRIVACY ACT

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

**AUTHORITY:** 30 U.S.C. 181 et. seq., 351 et. seq., 25 U.S.C. et. seq.; 43 CFR 3160. PRINCIPAL PURPOSE: The information is to be used to evaluate, when appropriate, approve applications, and report completion of secondary well operations, on a Federal or Indian lease.

**ROUTINE USES:** (1) Evaluate the equipment and procedures used during the proposed or completed subsequent well operations. (2) Request and grant approval to perform those actions covered by 43 CFR 3162.3-2(2). (3) Analyze future applications to drill or modify operations in light of data obtained and methods used. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

**EFFECT OF NOT PROVIDING INFORMATION:** Filing of this notice and report and disclosure of the information is mandatory once an oil or gas well is drilled.

The Paperwork Reduction Act of 1980 (44 U.S.C. 3501, et. seq.) requires us to inform you that:

This information is being collected in order to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

This information will be used to report subsequent operations once work is completed and when requested, to obtain approval for subsequent operations not previously authorized.

Response to this request is mandatory for the specific types of activities specified in 43 CFR Part 3160.

DRILLING PROGRAM

Texaco Producing Inc.  
 Neah Victoria Well No. 3  
 1245' FNL & 790' FEL  
 Section 1, T-27-N, R-9-W  
 San Juan County, New Mexico

(1) Estimated KB Elevation: 5877'

FORMATION	-----TOP-----		-----BASE-----		FLUID CONTENT
	MEASURED	SUBSEA	MEASURED	SUBSEA	
B/Ojo Alamo	1177'	+4700'	1807'	+4070'	---
Fruitland	1807'	+4070'	1897'	+3980'	---
Fruitland Coal	1897'	+3980'	1980'	+3897'	Gas

FORMATION	---EST SBHP---		EST SBHT DEG f	H2S PPM	-SIGNIFICANCE- (obj, marker, etc.)
	PSIG	PPG EMW			
B/Ojo Alamo	508	8.3	82	0	Marker
Fruitland	780	8.3	94	0	Marker
Fruitland Coal	819	8.3	96	0	Objective Pay

(2) See (1) above.

If any unexpected water or mineral bearing zones are encountered, they will be reported, evaluated and protected as circumstances and regulations require.

(3) See attached Exhibits:

- I. BOP Schematic with valve and piping specifications including Choke Manifold.
- II. BOP testing procedure and frequency.
- III. Accumulator specifications and misc. information.
- IV. Completion BOP Schematic
- V. Completion BOP testing procedure and frequency.

(4)

---DEPTH---		SECTION LENGTH	HOLE SIZE	CASING SIZE	WEIGHT PPF	GRADE	THREADS & NEW COUPLINGS USED	
FROM	TO							
0'	40'	40'	17.5	13.375	48	H-40	PE	New
0'	300'	300'	12.25	9.625	36	K-55	8rd LT&C	New
0'	1780'	1780'	8.75	7	23	K-55	8rd LT&C	New
1720'	1980'	260'	6.25	5.5	23	L-80	8rd LT&C	New Predrilled liner



GEOLOGICAL SURVEY

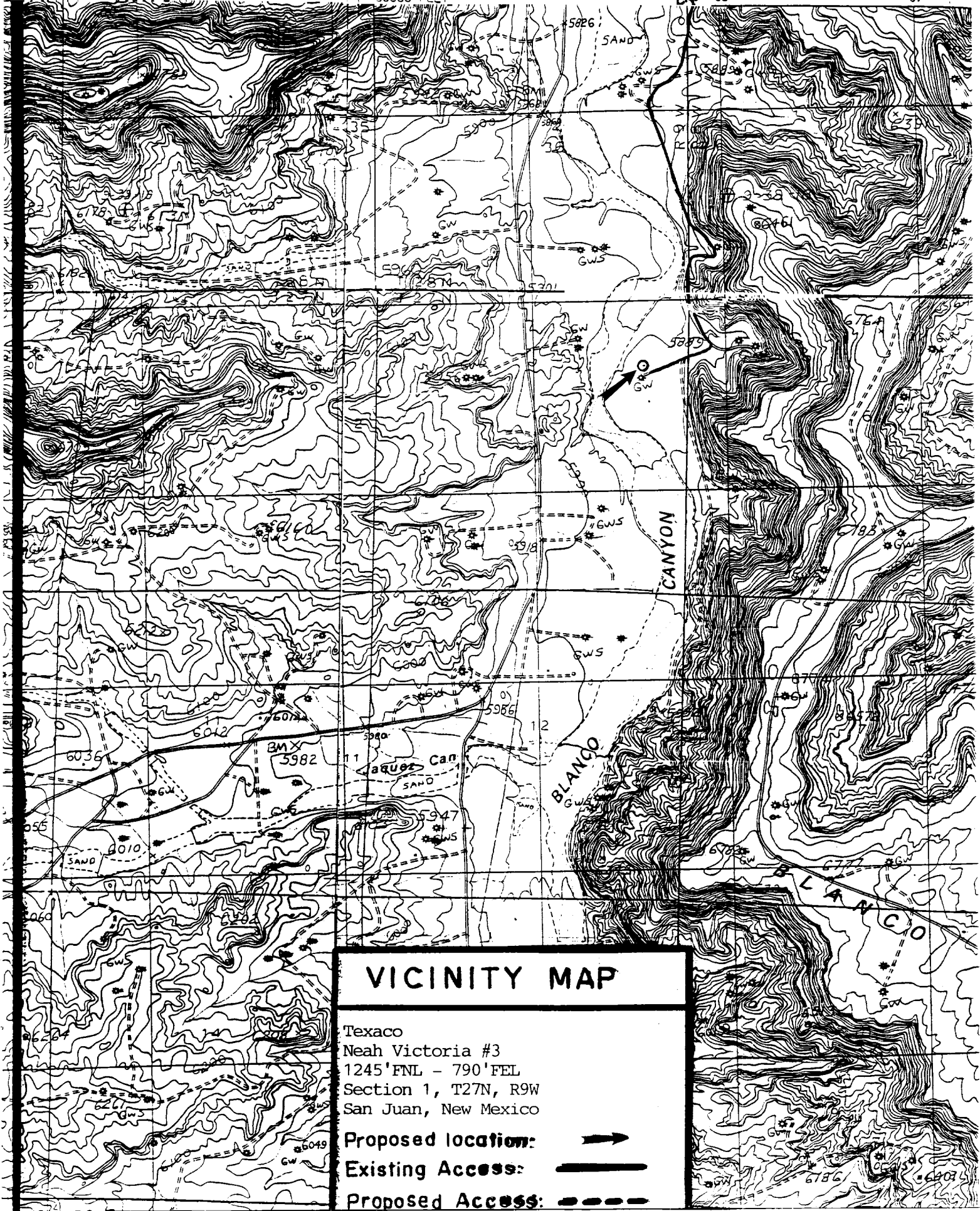
320000 FEET 753

107° 45' 60000 FEET

255000E

To 10 mile  
Crossing

257



VICINITY MAP

Texaco  
 Neah Victoria #3  
 1245' FNL - 790' FEL  
 Section 1, T27N, R9W  
 San Juan, New Mexico

- Proposed location:
- Existing Access:
- Proposed Access:

Submit 5 Copies  
Appropriate District Office  
DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico  
Energy, Minerals and Natural Resources Department

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

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

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

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

**REQUEST FOR ALLOWABLE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS**

**I.**

Operator <b>Texaco Exploration &amp; Production Inc.</b>	Well API No. <b>30-045-28202</b>
Address <b>3300 N. Butler, Farmington, New Mexico 87401</b>	
Reason(s) for Filing (Check proper box) <input type="checkbox"/> New Well <input type="checkbox"/> Recompletion <input checked="" type="checkbox"/> Change in Operator <input type="checkbox"/> Oil <input type="checkbox"/> Casinghead Gas <input type="checkbox"/> Change in Transporter of: <input type="checkbox"/> Dry Gas <input type="checkbox"/> Condensate <input checked="" type="checkbox"/> Other (Please explain) <b>Well has not been drilled to date.</b> <i>Oper. Edge Only</i>	
If change of operator give name and address of previous operator <i>TEXACO INC</i>	

**II. DESCRIPTION OF WELL AND LEASE**

Lease Name <b>Neah Victoria</b>	Well No. <b>3</b>	Pool Name, including Formation <b>Basin Fruitland Coal</b>	Kind of Lease State <del>General</del> or Fee	Lease No. <b>149-IND-8463</b>
Location Unit Letter <b>A</b> : <b>1245</b> Feet From The <b>North</b> Line and <b>790</b> Feet From The <b>East</b> Line Section <b>01</b> Township <b>27N</b> Range <b>9W</b> , NMPM, <b>San Juan</b> 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 type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
If well produces oil or liquids, give location of tanks.	Unit   Sec.   Twp.   Rge.   Is gas actually connected?   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				
<b>TUBING, CASING AND CEMENTING RECORD</b>								
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	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

**SEP 27 1991**  
**OIL CON. DIV.**  
**DIST. 3**

**GAS WELL**

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate M/MCF	Gravity of Condensate
Testing Method (puot, 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.

*Jula S...*  
Signature  
**Ted A. Tipton** Area Manager  
Printed Name  
**9-19-91** Date  
**(505) 325-4397** Telephone No.

**OIL CONSERVATION DIVISION**

Date Approved **SEP 27 1991**

By *[Signature]*  
Title **SUPERVISOR DISTRICT #3**

**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.