

District I - (505) 393-6161  
PO Box 1980  
Hobbs, NM 88241-1980  
District II - (505) 748-1283  
811 S. First  
Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Road  
Aztec, NM 87410

New Mexico  
Energy Minerals and Natural Resources Department  
Oil Conservation Division  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505  
(505) 827-7131

Form C-140

Originated 11/1/95

Submit Original  
Plus 2 Copies  
to appropriate  
District Office

H-0219

12/18/96

4/7/97

**APPLICATION FOR**  
**QUALIFICATION OF WELL WORKOVER PROJECT**  
**AND CERTIFICATION OF APPROVAL**

THREE COPIES OF THIS APPLICATION AND ALL ATTACHMENTS MUST BE FILED WITH THE  
APPROPRIATE DISTRICT OFFICE OF THE CONSERVATION DIVISION.

I. Operator: Texaco Exploration & Production Inc OGRID #: 022351

Address: 205 E. Bender Blvd.; Hobbs, New Mexico 88240

Contact Party: Paul Wilcox Phone #: (505) 397-0419

II. Name of Well: Vacuum Grayburg San Andres #127 API #: 30 025 32027

Location of Well: Unit Letter K, 1980 Feet from the South line and 2625 feet from the West line,  
Section 1, Township 18S, Range 34E, NMPM, Lea County

III. Date Workover Procedures Commenced: 09-11-96

Date Workover Procedures were Completed: 10-16-96

IV. Attach a description of the Workover Procedures undertaken to increase the projection from the Well.

V. Attach an estimate of the production rate of the Well (a production decline curve or other acceptable method, and table showing monthly oil and/or gas Project Production) based on at least twelve (12) months of established production which shows the future rate of production based on well performance prior to performing Workover.

VI. Pool(s) on which Production Projection is based: Vacuum Grayburg San Andres

VII. AFFIDAVIT:

State of N. M. )  
 ) ss.  
County of Lea )

Russell S. Pool, being first duly sworn, upon oath states:

1. I am the Operator or authorized representative of the Operator of the above referenced Well.
2. I have made, or caused to be made, a diligent search of the production records which are reasonably available and contain information relevant to the production history of this Well.  
Restoration Project.
3. To the best of my knowledge, the data used to prepare the Production Projection for this Well is complete and accurate and this projection was prepared using sound petroleum engineering principles.

RS Pool  
(Name)

Senior Engineer Hobbs Operating Unit  
(Title)

DEC 18 1996

m/p

SUBSCRIBED AND SWORN TO before me this 17 day of December, 1996

Pam D. Hunt  
Notary Public Pam D. Hunt

My Commission expires: 9/13/97

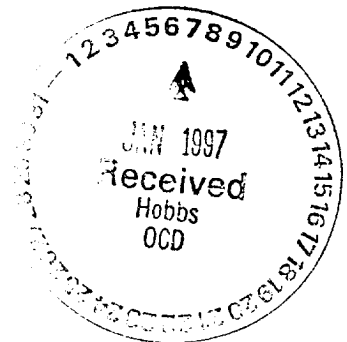
FOR OIL CONSERVATION DIVISION USE ONLY:

VIII. CERTIFICATION OF APPROVAL:

This Application for Qualification of Well Workover Project is hereby approved and the above referenced Well is designated as a Well Workover Project pursuant to the "Natural Gas and Crude Oil Production Incentive Act" (Laws 1995, Chapter 15, Sections 1 through 8). The Oil Conservation Division hereby verifies the Production projection for the Well Workover Project attached to this application. By copy of this Application and Certification of Approval, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval and certifies that this Well Workover Project has been completed as of 10-16-96, 19  .

Paul J. Karty  
District Supervisor, District 1  
Oil Conservation Division  
Date: 1/18/97

IX. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT.  
DATE: \_\_\_\_\_



Box 1980, Hc  
DISTRICT II  
P.O. Box Drawer DL  
DISTRICT

OIL CONSERVATION DIVISION

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

Box 1980, Hobbs, NM 88240  
DISTRICT II  
P.O. Box Drawer DD, Artesia, NM 88210  
DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.	30 025 32027
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil / Gas Lease No.	B-1306-1
7. Lease Name or Unit Agreement Name	VACUUM GRAYBURG SAN ANDRES UT
8. Well No.	127
9. Pool Name or Wildcat	VACUUM GRAYBURG SAN ANDRES
10. Elevation (Show whether DF, RKB, RT, GR, etc.) GR-3992', KB-4006'	

SUNDRY NOTICES AND REPORTS ON WELL  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:	OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>
2. Name of Operator	TEXACO EXPLORATION & PRODUCTION INC.
3. Address of Operator	205 E. Bender, HOBBS, NM 88240
4. Well Location	Unit Letter <u>K</u> : <u>1980</u> Feet From The <u>SOUTH</u> Line and <u>2625</u> Feet From The <u>WEST</u> Line Section <u>1</u> Township <u>18-S</u> Range <u>34-E</u> NMPM <u>LEA</u> COUNTY
10. Elevation (Show whether DF, RKB, RT, GR, etc.) GR-3992', KB-4006'	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPERATION <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
OTHER: <input type="checkbox"/>	OTHER: <input checked="" type="checkbox"/>
PLUG AND ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
CHANGE PLANS <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	FRACTURE TREATMENT <input checked="" type="checkbox"/>

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

The notice of intent dated 9/5/96 to perform this workover was approved by the NMOCD on 9/9/96.

9/11/96 - 9/24/96

1. MIRU. TOH w/ rods & pump. Installed BOP. Tagged fill & TOH w/ tubing.

2. TIH w/ bit, cleaned out to 4190'. Spotted 2000# 20/40 sand from 4581' (PBTD) - 4450'.

3. Perforated from 4305'-4325' (8 SPF, .52" holes, 160 holes, 120° phasing).

4. TIH w/ 5-1/2" pkr. Tested tbg to 9000 psi. Set pkr @ 4095', loaded backside w/ fresh water. Spotted 2 drums TH-756 inhibitor mixed in 20 Bbls fresh water.

5. Fracture treated perms from 4179'-4568' w/ 74,214 gals 40# YF-40 Gel, 1800# Adamite Regaine, 200,000# 16/30 Ottawa sand & 39,000# 16/30 Curable Resin Coated sand. Max P = 9890# AIR = 38 BPM. SI for 24 hours to set sand. Cleaned out sand w/ coiled tbg unit.

6. Released pkr, TOH w/ pkr & frac tubing. TIH with bit & cleaned out 5 1/2" casing.

7. TIH w/ production equipment & returned well to production.

OPT 10/16/96 FLOWING: 121 BOPD, 352 BWPD, 39 MCFD

(INTERNAL TEPI STATUS CHANGED FROM SI-O TO FL)

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

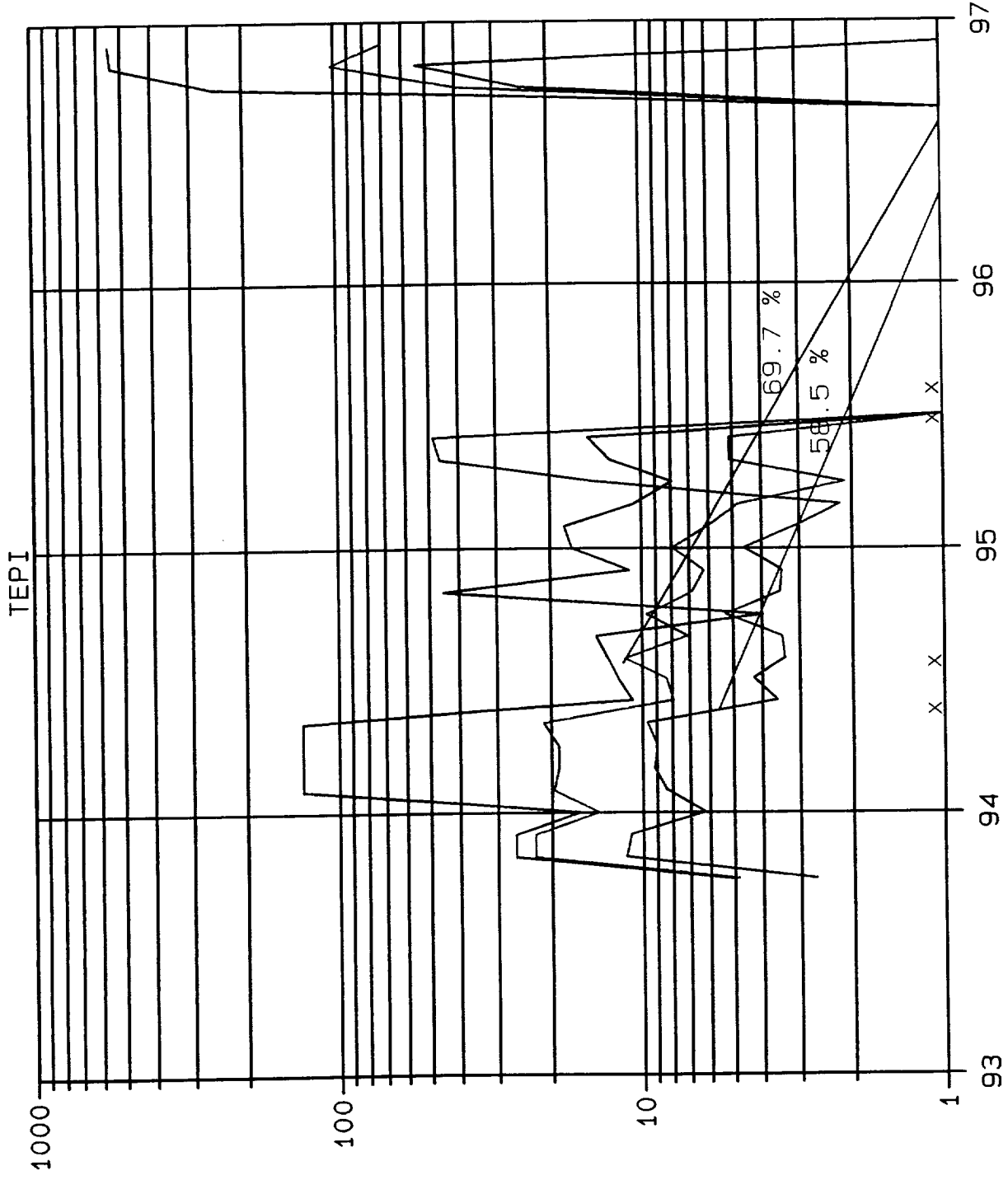
SIGNATURE Monte C. Duncan TITLE Engr Asst DATE 12/5/96  
TYPE OR PRINT NAME Monte C. Duncan Telephone No. 397-0418

(This space for State Use)

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

# VACUUM GRAYBURG SAN ANDRES UT 127

LEASE DATA  
 LSE  
 FLD  
 OPER TEPI  
 ZONE  
 --  
 COUNTY 025  
 STATE 30  
 30025320270001  
 STATUS 11-96  
 CO 13 MBO  
 CG 9 MMCF  
 CW 65 MBW  
 BOPD 70  
 BWPD 550  
 MCFPD 0  
 WELLS 1  
 CI 0 MBWI  
 BWIPD 0



# Production Projection

Well Name & #:

VACUUM GRAYBURG SAN ANDRES #127 Prior Oil Prod. Rate (BOPD):

0

Producing Formation:

VACUUM GRAYBURG SAN ANDRES Oil Decline Factor:

0.905288258

Oil Decline Rate (%):

70

Prior Gas Prod. Rate (MCFGD):

0

Gas Decline Rate (%):

59

Completion Date (m/yr):

Gas Decline Factor:

0.929331539

Month	Projected Oil Production	Projected Gas Production	Projected Cumulative Oil Production	Projected Cumulative Gas Production
Oct-96	0	0	0	0
Nov-96	0	0	0	0
Dec-96	0	0	0	0
Jan-97	0	0	0	0
Feb-97	0	0	0	0
Mar-97	0	0	0	0
Apr-97	0	0	0	0
May-97	0	0	0	0
Jun-97	0	0	0	0
Jul-97	0	0	0	0
Aug-97	0	0	0	0
Sep-97	0	0	0	0
Oct-97	0	0	0	0
Nov-97	0	0	0	0
Dec-97	0	0	0	0
Jan-98	0	0	0	0
Feb-98	0	0	0	0
Mar-98	0	0	0	0
Apr-98	0	0	0	0
May-98	0	0	0	0
Jun-98	0	0	0	0
Jul-98	0	0	0	0
Aug-98	0	0	0	0
Sep-98	0	0	0	0
Oct-98	0	0	0	0
Nov-98	0	0	0	0
Dec-98	0	0	0	0
Jan-99	0	0	0	0
Feb-99	0	0	0	0
Mar-99	0	0	0	0
Apr-99	0	0	0	0
May-99	0	0	0	0
Jun-99	0	0	0	0
Jul-99	0	0	0	0

[illegible]