

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
Enr 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-0422

**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: Paula Ives Phone #: (505) 397-0432
- II. Name of Well: L. R. Kershaw #14 API #: 30 025 30863
Location of Well: Unit Letter A, 820 Feet from the North line and 410 feet from the East line,
Section 14, Township 20S, Range 37E, NMPM, Lea County
- III. Date Workover Procedures Commenced: 09-10-97
Date Workover Procedures were Completed: 09-19-97
- IV. Attach a description of the Workover Procedures undertaken to increase the production from the Well.
Please see attached.
- 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: Monument Tubb
- 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)

[Handwritten mark]

L. R. Kershaw #14

SUBSCRIBED AND SWORN TO before me this 9th day of February, 1998.

John Ayers
Notary Public John Ayers

My Commission expires: 2/29/2000

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 9-19-97, 1997.

Paul Z. Kautz
District Supervisor, District 1
Oil Conservation Division **Geologist**
Date: 2/12/98

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

Production Projection

Well Name & #:

L. R. Kershaw #14

Prior Oil Prod. Rate (BOPD):

0

Producing Formation:

Monument Tubb

Oil Decline Factor:

0.988367178

Oil Decline Rate (%):

13

Prior Gas Prod. Rate (MCFGD):

0

Gas Decline Rate (%):

26

Completion Date (m/yr):

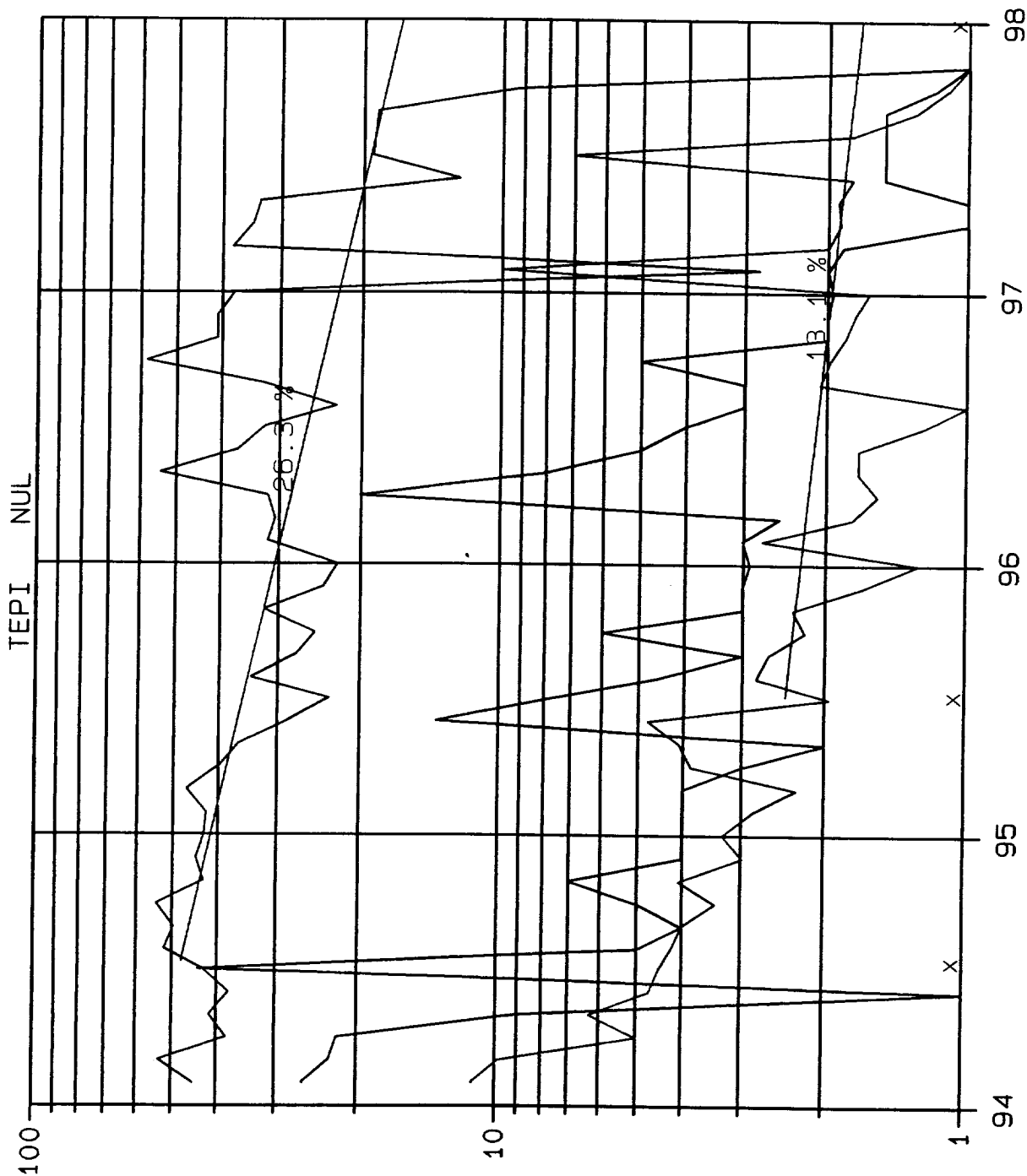
Sep-97

Gas Decline Factor:

0.97489002

| Month | Projected Oil Production | Projected Gas Production | Projected Cumulative Oil Production | Projected Cumulative Gas Production |
|--------|-----------------------------|-----------------------------|--|--|
| 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 |
| Aug-99 | 0 | 0 | 0 | 0 |
| Sep-99 | 0 | 0 | 0 | 0 |
| Oct-99 | 0 | 0 | 0 | 0 |
| Nov-99 | 0 | 0 | 0 | 0 |
| Dec-99 | 0 | 0 | 0 | 0 |
| Jan-00 | 0 | 0 | 0 | 0 |
| Feb-00 | 0 | 0 | 0 | 0 |
| Mar-00 | 0 | 0 | 0 | 0 |
| Apr-00 | 0 | 0 | 0 | 0 |
| May-00 | 0 | 0 | 0 | 0 |
| Jun-00 | 0 | 0 | 0 | 0 |
| Jul-00 | 0 | 0 | 0 | 0 |
| Aug-00 | 0 | 0 | 0 | 0 |

KERSHAW, L. R. 14 MONUMENT TUBB



YEARS

LEASE DATA
 LSE 010974
 FLD 47090
 OPER TEPI
 ZONE NUL
 --
 COUNTY 025
 STATE 30
 30025308630002
 STATUS 12-97
 CO 4 MBO
 CG 47 MMCF
 CW 9 MBW
 BOPD 0
 BWPD 0
 MCFPD 0
 WELLS 1
 CI 0 MBWI
 BWIPD 0

BOPD
 BWPD
 MCFPD

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Box Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL API NO.

30 025 30863

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil / Gas Lease No.

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.)

7. Lease Name or Unit Agreement Name

KERSHAW, L. R.

1. Type of Well: OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. Name of Operator
TEXACO EXPLORATION & PRODUCTION INC.

8. Well No.
14

3. Address of Operator
205 E. Bender, HOBBS, NM 88240

9. Pool Name or Wildcat
WEIR BLINEBRY, EAST

4. Well Location
Unit Letter A : 820 Feet From The NORTH Line and 410 Feet From The EAST Line
Section 14 Township 20-S Range 37-E NMPM LEA COUNTY

10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3550' GR

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPERATION ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: RECOMPLETED TO WEIR BLINEBRY EAST ☒

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.

9/10/97: MIRU. Pull rods & pump. Install BOP. TOH w/tbg.

9/11/97: Set CIBP & set CIBP @ 6284'. Press test csg to 500 psi-held. Perforate Weir Blinebry Zone 5726'-5949', 71', 154 shots.

9/12/97: Spotted 35' cement on CIBP @6284' (New PBTD @6249'). Ran packer tested @5000 psi & set @ 5672'. Load and test to 500 psi-held. Acidized perfs, 5726'-5949', Weir Blinebry Zone, w/5000 gal 15% NE-FE using 230-7/8" 1.3 Ball Sealers. Max pres=4150 psi. Min pres=3800 psi. ISIP=2547 psi. 15 Min SIP=2349 psi. Avg rate=5.5 BPM. Total load=182 Bbbs. Shut in 3/4 hrs. Tbg pres=500 psi. Bled down in 15 min.

9/13/97: Swab 4.5 hrs to recover load. Release packer and pull out of hole. Shut in.

9/14/97: Shut in - Sunday.

9/15/97: Ran frac packer and tested @ 8500 psi & set @ 5615'. Load and test to 1000 psi-held. SI

9/16/97: Frac perfs, 5726'-5949', Weir Blinebry East Zone, w/38,000 gal 35# Cross Linked Borate Gel containing 95,500# 20/40 Brady sand in contrations of from 2 to 7 PPG. Pumped 8,000 gal gel containing 56,000# 20/40 resin coated sand at 8 PPG. Flush w/51 bbls slick water. Max pres=6430 psi. Min pres=5250 psi. ISIP=3479 psi. Avg rate=35 BPM. Flowed 5 hrs until well died. Recovered 0 Oil, 150 water, & No Gas. Shut in.

9/17/97: Released packer & pull out of hole.

9/18/97: Tag fill @6020'. Clean out from 6020' to 6249' (PBTD). Circulate clean.

9/19/97: Tag fill @6244'. Pull out of hole. Ran production equipment set tbg @ 6095'. Remove BOP. Ran pump & rods. Rig down. On production at 6:00PM.

9/20/97 thru 9-30-97: Pumping & testing.

10-01-97: On 24 hour POTENTIAL TEST ending 9 am. Pumped 64 bbls Oil, 11 bbls Water, & 160 mcf Gas.

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

SIGNATURE Paula S. Ives TITLE Engineering Assistant

DATE 10/16/97

TYPE OR PRINT NAME Paula S. Ives

Telephone No. 397-0432

(This space for State Use) ORIGINAL SIGNED BY CHRIS WILLIAMS
DISTRICT I SUPERVISOR

APPROVED BY _____ TITLE _____

DATE 11/10/97

CONDITIONS OF APPROVAL, IF ANY: