

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

0035

**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: West Dollarhide Drinkard Unit #148 API #: 30 025 32774

Location of Well: Unit Letter I, 2530 Feet from the South line and 1150 feet from the East line,
Section 31, Township 24S, Range 38E, NMPM, Lea County

III. Date Workover Procedures Commenced: 04-02-96

Date Workover Procedures were Completed: 04-08-96

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: Dollarhide Tubb Drinkard

VII. AFFIDAVIT:

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

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


- I am the Operator or authorized representative of the Operator of the above referenced Well.
- 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.
- 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.

Paula Ives

(Name)

Senior Engineer Hobbs Operating Unit
(Title)

SUBSCRIBED AND SWORN TO before me this 5th day of June, 1996.

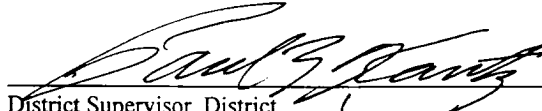

Notary Public Pam D. Hunt

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 4 - 8 - 19 96.


District Supervisor, District 1
Oil Conservation Division **Geologist**
Date: 6/21/96

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

[Faint circular stamp]

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 32774
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil / Gas Lease No.	

<p align="center">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.)</p>		7. Lease Name or Unit Agreement Name WEST DOLLARHIDE DRINKARD UNIT
1. Type of Well:	OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	8. Well No. 148
2. Name of Operator	TEXACO EXPLORATION & PRODUCTION INC.	9. Pool Name or Wildcat DOLLARHIDE TUBB DRINKARD
3. Address of Operator	205 E. Bender, HOBBS, NM 88240	
4. Well Location Unit Letter <u>I</u> : <u>2530</u> Feet From The <u>SOUTH</u> Line and <u>1150</u> Feet From The <u>EAST</u> Line Section <u>31</u> Township <u>24-S</u> Range <u>38-E</u> NMPM <u>LEA</u> COUNTY		
10. Elevation (Show whether DF, RKB, RT,GR, etc.)		3124'-GR, 3137'-KB

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"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPERATION <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: Perf add Drinkard & Acid Frac <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.

- 1)RUPU. Pull rods and pump. Install BOP. Tag fill and strap out of hole. 4-2-96.
- 2)RIH with bit and casing scraper to 6775'. 4-3-96.
- 3)MIRU perforators. Perforate 2 JSPF, .45" holes, 4" casing gun from 6358' - 6489' (108 holes).4-4-96
- 4)Run in hole with 3-1/2" work string, 5-1/2" packer and retrievable bridge plug. Set RBP at 6515', set packer at 6328' and pressure test RBP.
- 5)Set packer at 6325'+-. Load backside and test to 2000 psi. Acid frac Drinkard perfs (6358'-6489'). Use 4000 gals 15%NEFE, 200 ball sealers at 2-3 BPM (Max TP 4000 psi). 4-5-96.
- 6)Swab, recover 100 bo, 25 bw, good gas. 4-6-96.
- 8)Release pkr, TIH w/ tubing/anchor/GA. 4-8-96.
- 9)RIH w/ rods and pump. 2.5" x 1.75" x 30' w/12' GA. 4-9-96.
- 10)POP, testing 4-10-96 thru 4-21-96.
- 11)OPT, 75-BO, 98-BW, 43-MCF. 4-22-96.

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

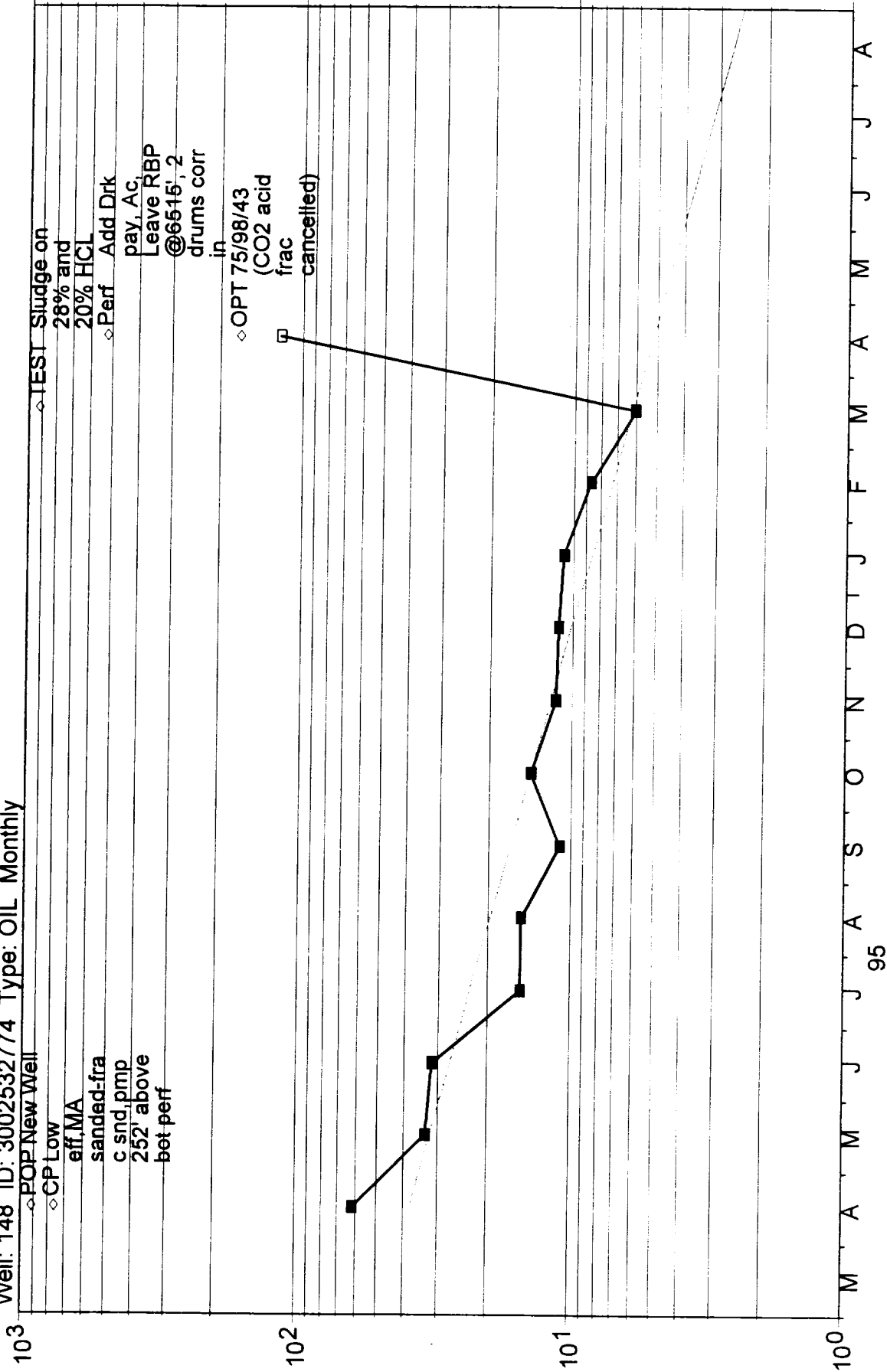
SIGNATURE Paula S. Ives TITLE Engineering Assistant DATE 6/10/96
TYPE OR PRINT NAME Paula S. Ives Telephone No. 397-0432

(This space for State Use)

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

WDDU #148 Decline For Severance Tax Credit (6/7/96)

Well: 148 ID: 3002532774 Type: OIL Monthly



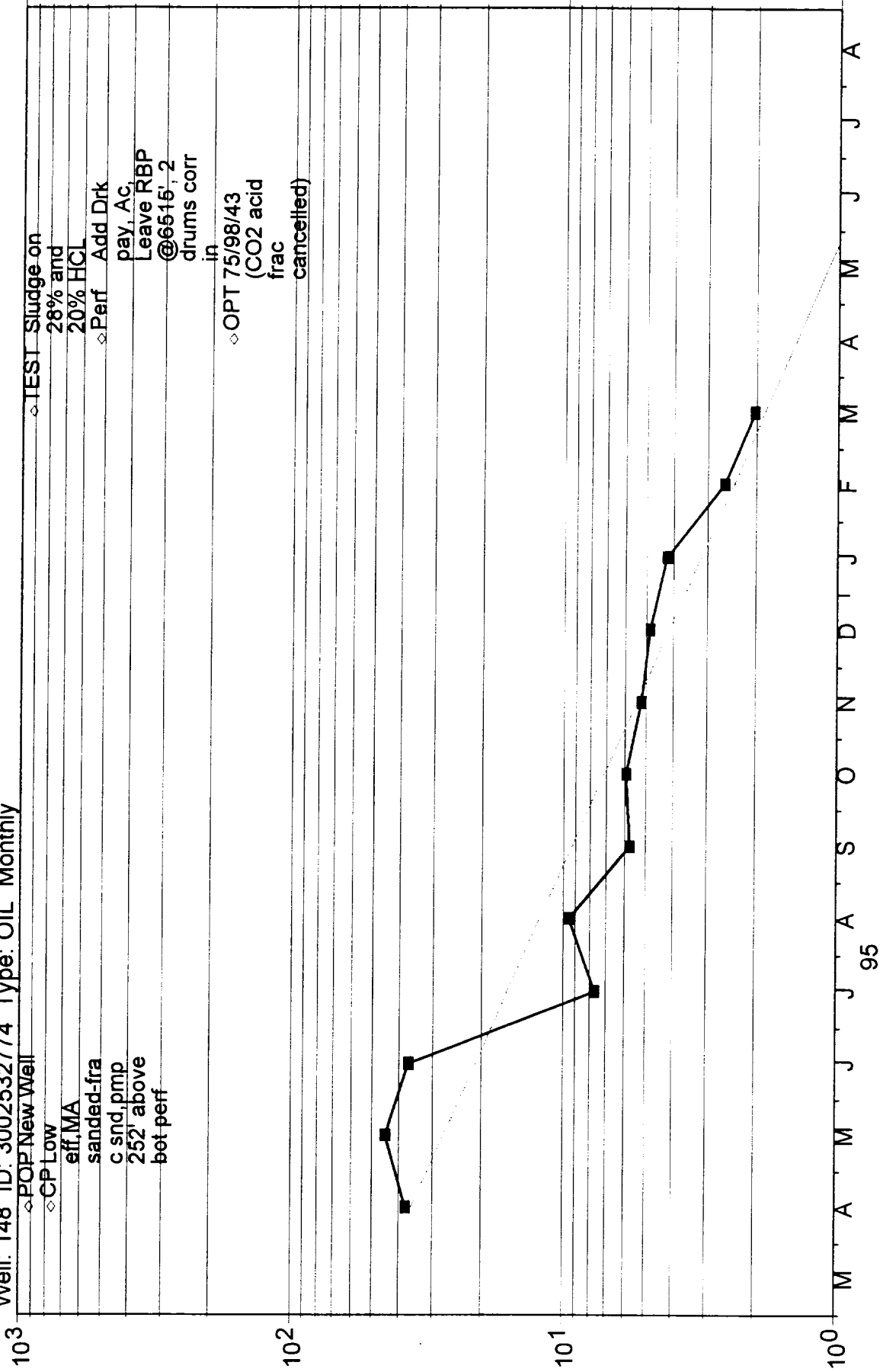
—□ Bopd

Cum stream: Oil, 3596.0
 Fit Decline, 1/yr:
 Forecast Decline, 1/yr:
 Begin Date, Rate:
 End Date, Rate, Yrs:
 Cum at Begin:
 Remaining:
 Total Reserves:

Exp, 1.98
 Exp, 1.98
 19960301, 6.20
 19980402, 0.10, 2.09
 187.00
 1127.03
 1314.03

WDDU #148 GAS Decline For Severance Tax Credit (6/7/96)

Well: 148 ID: 3002532774 Type: OIL Monthly



—□ Mcfpd

Cum stream: Gas, 1390.0
 Fit Decline: 1/yr.
 Forecast Decline: 1/yr.
 Begin Date: Rate: 19960301, 1.88
 End Date: Rate, Yrs: 19970127, 0.10, 0.91
 Cum at Begin: 63.00
 Remaining: 201.59
 Total Reserves: 264.59

Production Projection

Well Name & #:

WEST DOLLARHIDE DRINKARD UNIT # 148

Prior Oil Prod. Rate (BOPD):

8

Producing Formation:

DOLLARHIDE TUBB DRINKARD

Oil Decline Factor:

0.848875513

Oil Decline Rate (%):

86

Prior Gas Prod. Rate (MCFGD):

2

Gas Decline Rate (%):

96

Completion Date (m/yr):

Apr-96

0.7647245

Month	Projected Oil Production	Projected Gas Production	Projected Cumulative Oil Production	Projected Cumulative Gas Production
Apr-96	243	61	243	61
May-96	206	46	450	107
Jun-96	175	36	625	143
Jul-96	149	27	774	170
Aug-96	126	21	900	191
Sep-96	107	16	1007	207
Oct-96	91	12	1098	219
Nov-96	77	9	1175	228
Dec-96	66	7	1241	235
Jan-97	56	5	1297	241
Feb-97	47	4	1344	245
Mar-97	40	3	1384	248
Apr-97	34	2	1418	251
May-97	29	2	1447	252
Jun-97	25	1	1471	254
Jul-97	21	1	1492	255
Aug-97	18	1	1510	256
Sep-97	15	1	1525	256
Oct-97	13	0	1538	257
Nov-97	11	0	1549	257
Dec-97	9	0	1558	257
Jan-98	8	0	1565	258
Feb-98	7	0	1572	258
Mar-98	6	0	1578	258
Apr-98	5	0	1582	258
May-98	4	0	1587	258
Jun-98	3	0	1590	258
Jul-98	3	0	1593	258
Aug-98	2	0	1595	258
Sep-98	2	0	1597	258
Oct-98	2	0	1599	258
Nov-98	2	0	1601	258
Dec-98	1	0	1602	258

Production Projection

Jan-99	1	0	1603	258
Feb-99	1	0	1604	258
Mar-99	1	0	1605	258
Apr-99	1	0	1606	258
May-99	1	0	1606	258
Jun-99	1	0	1606	258
Jul-99	0	0	1607	258