

District I - (505) 393-6161
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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-0327

**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 S. Ives Phone #: (505) 397-0432
- II. Name of Well: West Dollarhide Drinkard Unit #142 API #: 30 025 32371
Location of Well: Unit Letter J, 1400 Feet from the South line and 2580 feet from the East line,
Section 29, Township 24S, Range 38E, NMPM, Lea County
- III. Date Workover Procedures Commenced: 04-08-97
Date Workover Procedures were Completed: 04-30-97
- 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.
County of Lea

Russell S. 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.

[Signature]

(Name)

Senior Engineer, Hobbs Operating Unit
(Title)

JUL 09 1997

[Handwritten mark]

SUBSCRIBED AND SWORN TO before me this 25th day of June, 1997.
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 4-30-97, 1997.

Paul J. Knut
District Supervisor, District 1
Oil Conservation Division
Date: 7/9/97

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

7/9/97

Production Projection

Well Name & #:

West Dollarhide Drinkard Unit #142

Prior Oil Prod. Rate (BOPD):

30

Producing Formation:

Dollarhide Tubb Drinkard

Oil Decline Factor:

0.956983247

Oil Decline Rate (%):

41

Prior Gas Prod. Rate (MCFGD):

0

Gas Decline Rate (%):

56

Completion Date (m/yr):

Apr-97

Gas Decline Factor:

0.933872796

Month	Projected Oil Production	Projected Gas Production	Projected Cumulative Oil Production	Projected Cumulative Gas Production
Apr-97	912	0	912	0
May-97	873	0	1785	0
Jul-97	835	0	2620	0
Aug-97	799	0	3419	0
Sep-97	765	0	4184	0
Oct-97	732	0	4916	0
Nov-97	701	0	5617	0
Dec-97	670	0	6287	0
Jan-98	642	0	6929	0
Feb-98	614	0	7543	0
Mar-98	588	0	8130	0
Apr-98	562	0	8692	0
May-98	538	0	9231	0
Jun-98	515	0	9745	0
Jul-98	493	0	10238	0
Aug-98	472	0	10710	0
Sep-98	451	0	11161	0
Oct-98	432	0	11593	0
Nov-98	413	0	12006	0
Dec-98	396	0	12402	0
Jan-99	379	0	12780	0
Feb-99	362	0	13143	0
Mar-99	347	0	13489	0
Apr-99	332	0	13821	0
May-99	317	0	14138	0
Jun-99	304	0	14442	0
Jul-99	291	0	14733	0
Aug-99	278	0	15011	0
Sep-99	266	0	15277	0
Oct-99	255	0	15532	0
Nov-99	244	0	15776	0
Dec-99	233	0	16010	0
Jan-00	223	0	16233	0
Feb-00	214	0	16447	0
Mar-00	205	0	16651	0
Apr-00	196	0	16847	0

Production Projection

May-00	187	0	17034	0
Jun-00	179	0	17213	0
Jul-00	179	0	17213	0
Aug-00	172	0	17385	0
Sep-00	164	0	17549	0
Oct-00	157	0	17706	0
Nov-00	150	0	17856	0
Dec-00	144	0	18000	0
Jan-01	138	0	18138	0
Feb-01	132	0	18270	0
Mar-01	126	0	18396	0
Apr-01	121	0	18517	0
May-01	115	0	18632	0
Jun-01	111	0	18743	0
Jul-01	111	0	18743	0
Aug-01	106	0	18848	0
Sep-01	101	0	18950	0
Oct-01	97	0	19046	0
Nov-01	93	0	19139	0
Dec-01	89	0	19228	0
Jan-02	85	0	19313	0
Feb-02	81	0	19394	0
Mar-02	78	0	19472	0
Apr-02	74	0	19546	0
May-02	71	0	19617	0
Jun-02	68	0	19685	0
Jul-02	68	0	19685	0
Aug-02	65	0	19751	0
Sep-02	62	0	19813	0
Oct-02	60	0	19873	0
Nov-02	57	0	19930	0
Dec-02	55	0	19984	0
Jan-03	52	0	20037	0
Feb-03	50	0	20087	0
Mar-03	48	0	20135	0
Apr-03	46	0	20181	0
May-03	44	0	20225	0
Jun-03	42	0	20267	0
Jul-03	40	0	20307	0
Aug-03	38	0	20345	0
Sep-03	37	0	20382	0
Oct-03	35	0	20417	0
Nov-03	34	0	20451	0
Dec-03	32	0	20483	0
Jan-04	31	0	20514	0
Feb-04	30	0	20544	0
Mar-04	28	0	20572	0
Apr-04	27	0	20599	0
May-04	26	0	20625	0

Production Projection

Jun-04	25	0	20650	0
Jul-04	24	0	20673	0
Aug-04	23	0	20696	0
Sep-04	22	0	20718	0
Oct-04	21	0	20739	0
Nov-04	20	0	20759	0
Dec-04	19	0	20778	0
Jan-05	18	0	20796	0
Feb-05	17	0	20813	0
Mar-05	17	0	20830	0
Apr-05	16	0	20846	0
May-05	15	0	20861	0
Jun-05	15	0	20876	0
Jul-05	14	0	20890	0
Aug-05	13	0	20903	0
Sep-05	13	0	20916	0
Oct-05	12	0	20928	0
Nov-05	12	0	20940	0
Dec-05	11	0	20951	0
Jan-06	11	0	20962	0
Feb-06	10	0	20972	0
Mar-06	10	0	20982	0
Apr-06	9	0	20991	0
May-06	9	0	21000	0
Jun-06	9	0	21009	0
Jul-06	8	0	21017	0
Aug-06	8	0	21025	0
Sep-06	8	0	21033	0
Oct-06	7	0	21040	0
Nov-06	7	0	21047	0
Dec-06	7	0	21054	0
Jan-07	6	0	21060	0
Feb-07	6	0	21066	0
Mar-07	6	0	21072	0
Apr-07	6	0	21077	0
May-07	5	0	21083	0
Jun-07	5	0	21088	0
Jul-07	5	0	21093	0
Aug-07	5	0	21097	0
Sep-07	4	0	21102	0
Oct-07	4	0	21106	0
Nov-07	4	0	21110	0
Dec-07	4	0	21114	0
Jan-08	4	0	21118	0
Feb-08	4	0	21121	0
Mar-08	3	0	21125	0
Apr-08	3	0	21128	0
May-08	3	0	21131	0
Jun-08	3	0	21134	0

Production Projection

Jul-08	3	21137	0
Aug-08	3	21140	0
Sep-08	3	21142	0
Oct-08	3	21145	0
Nov-08	2	21147	0
Dec-08	2	21150	0
Jan-09	2	21152	0
Feb-09	2	21154	0
Mar-09	2	21156	0
Apr-09	2	21158	0
May-09	2	21160	0
Jun-09	2	21162	0
Jul-09	2	21163	0
Aug-09	2	21165	0
Sep-09	2	21166	0
Oct-09	1	21168	0
Nov-09	1	21169	0
Dec-09	1	21171	0
Jan-10	1	21172	0
Feb-10	1	21173	0
Mar-10	1	21175	0
Apr-10	1	21176	0
May-10	1	21177	0
Jun-10	1	21178	0
Jul-10	1	21179	0
Aug-10	1	21180	0
Sep-10	1	21181	0
Oct-10	1	21182	0
Nov-10	1	21182	0
Dec-10	1	21183	0
Jan-11	1	21184	0
Feb-11	1	21185	0
Mar-11	1	21185	0
Apr-11	1	21186	0
May-11	1	21187	0
Jun-11	1	21187	0
Jul-11	1	21188	0

Submit 3 copies
to Appropriate
District Office

Energy - Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL API NO.	30 025 32371
5. Indicate Type of Lease	STATE ☒ FEE ☐
6. State Oil / Gas Lease No.	B-9519
7. Lease Name or Unit Agreement Name	WEST DOLLARHIDE DRINKARD UNIT
8. Well No.	142
9. Pool Name or Wildcat	DOLLARHIDE TUBB DRINKARD
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	GR-3219', KB-3230'

SUNDY 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 ☒ GAS WELL ☐ OTHER ☐
2. Name of Operator	TEXACO EXPLORATION & PRODUCTION INC.
3. Address of Operator	205 E. Bender, HOBBS, NM 88240
4. Well Location	Unit Letter <u>J</u> : <u>1400</u> Feet From The <u>SOUTH</u> Line and <u>2580</u> Feet From The <u>EAST</u> Line Section <u>29</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.)	GR-3219', KB-3230'

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: ☐

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.

4-8-97: MIRU, TOH W/ RODS & PUMP. INSTALL BOP & LOWER TBG. & TAG BOTTOM @6720'(RBP). TOH. SDFN

4-9-97: TIH W/ 2-7/8 TBG OPEN ENDED TO 6700' & SPOT 10' SAND ON TOP OF RBP. TOH W/ TBG RU SCHLUMBERGER & PERF DRINKARD ZONE 2JSPF W/ 4" HYPER JET 11 AS FOLLOWS 6578-6682. 52' 104.47" HOLES. TOH RD WL.SDFN

4-10-97: TIH W/ PKR TBG. TESTED TO 8000#. SET @ 6462'. INSTALL 10K FRAC TREE. LOAD & TEST BACKSIDE TO 1500#. OK.

4-11-97: D/S ACID FRAC DRINKARD PERFS 6578'-6682', W/24,000 GAL'S 50-QUALITY CO-2 FOAMED ACID, + 42,375 GAL'S 50-QUALITY CO-2 FOAMED WF-140. P-MAX= 7800 PSI, P-AVG= 5600 PSI, P-FINAL= 4315 PSI, ISIP= 1854 PSI, TLTR= 716 BLW + 120 TON'S CO-2.

4-12-97: FLOW BACK WELL 12-HOURS ON 30/64 CHOKE, 500 PSI FTP, RECOVERED 291/BW, CSG PSI= 175.

4-13-97: FLOW BACK WELL 13-HOURS ON 30/64 CHOKE, WELL DIED, O TP, O CP, RECOVERED 202 BLW.

4-14-97: SITP=300#, BLEED OFF. NO FRAC TREE. RELEASE PKR. & LAYDOWN TBG. TIH W/PKR. ON 2-7/8 TBG. SET PKR. @ 6507. PUMP SCALE SQUEEZE W/ UNICHEM TW-430(10GALS) MIXED IN 20 BBL'S PRODUCED WATER, 165 GALS TW-793 MIXED IN 30BBL'S. FLUSH W/ 10 GALS TW-467 MIXED IN 200 BBL'S PRODUCED WATER. SI WELL SDFN

4-15-97: SITP=500# BLEED OFF.UNSET PKR & TOH W/ TBG. & PKR.TIH W/ TBG SET @6684'. NDBOP & NU WELLHEAD.TIH W/ PUMP & RODS.

SDFN

4-16-97 THRU 4-29-97: RDMO PUMPING & TESTING

4-30-97: On 24 hour POTENTIAL TEST ending 10:00 am. Pumped 83 Bbls Oil, 20 Bbls Water, & 10 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 6/2/97

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 #142:OIL Proposed Propped CO2 Acid Frac(3/19/97)

Well: 142 ID: 3002532371 Type: OIL Monthly

102

POP New Well:

PB RBP

Ac U&L

across Abo

Abo

to welltest

10Mgal,Fr

Drk, Pmp

ac Drk

Wear, Parr

82M#

afn

SCSg 3*TH756

TEST Stable at

MSC Tap Fill

26 bopd,0

7530' LP

bwpd,0

EFF-MA filled

mefpd

w/frac

TEST Run Dia

sand

Pump-Begi

Buildup(A

M)

TEST TERMINAT

E

BUILDUP-

No fracture

flow

POP Re-Start

well

Stable at

24 bopd.

101

100

□ Bopd

Cum stream: Bopd, 42.1

Fit Decline, 1/yr:

Forecast Decline, 1/yr:

Begin Date, Rate:

End Date, Rate, Yrs:

Cum at Begin:

Remaining:

Total Reserves:

Exp, 0.53

Exp, 0.53

19970101, 12.13

20060103, 0.10, 9.01

12.45

8247.02

8259.47

Mo = 41% yr 12 BOPD 1/97

WDDU #142: GAS Proposed Propped CO2 Acid Frac(3/19/97)

Well: 142 ID: 3002532371 Type: OIL Monthly

POP New Well:

PB RBP

Ac U&L

across Abo

Abo

to welltest

10Mgal, Fr

Dtk, Pmp

ac Dtk

Wear, Parr

82M#

affn

ScSq 3*TH756

TEST Stable at

MISC Tag Fill

26 bopd, 0

7530', LP

bwpd, 0

EFF-MA filled

mcpd

w/ frac

TEST Run Dia

sent

Pump-Begi

Bulldup(A

TEST TERMINAT

E BULDUP-

No fracture

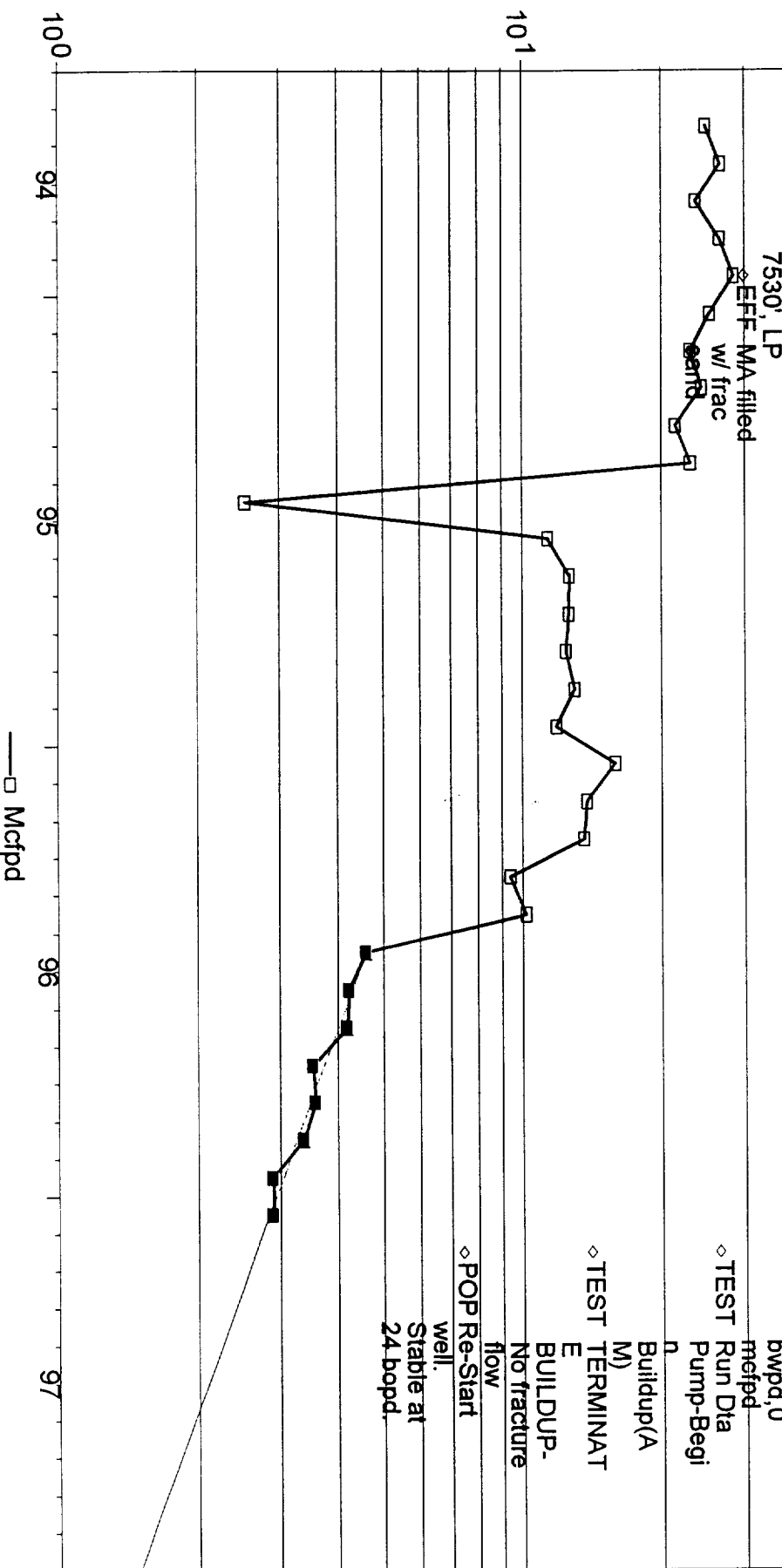
flow

POP Re-Start

well.

Stable at

24 bopd.



Cum stream: Mcfpd, 28.5

Fit Decline, 1/Yr:

Exp, 0.82

Forecast Decline, 1/Yr:

Exp, 0.82

Begin Date, Rate:

19970101, 2.84

End Date, Rate, Yrs:

20010203, 0.10, 4.09

Cum at Begin:

2.90

Remaining:

1224.75

Total Reserves:

1227.65

Dec = 56% / yr 3 mcfpd 1/97