

District I - (505) 393-6161
P.O. 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
District IV

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-0285

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 OIL CONSERVATION DIVISION.

- I. Operator: Cross Timbers Operating Company OGRID #: 5380
Address: 810 Houston Street, Suite 2000, Fort Worth, Texas 76102-6298
Contact Party: Terry Perkins Phone: 817-870-2800
- II. Name of Well: Christmas #2 API #: 30-025-29048
Location of Well: Unit Letter A, 380 Feet from the North line and 420 feet from the East line,
Section 7, Township 20S, Range 38E, NMPM, Lea County
- III. Date Workover Procedures Commenced: 3-7-96
Date Workover Procedures were Completed: 4-3-96
- IV. Attach a description of the Workover Procedures undertaken to increase the production 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: Nadine Paddock-Blinebry, West
- VII. AFFIDAVIT:
- State of Texas)
County of Tarrant) ss.
- F.T. Perkins Jr., 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.
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.

Franklin Terry Perkins, Jr.
(Name)

Sr. Reservoir Engineer
(Title)

MAR 13 1997

SUBSCRIBED AND SWORN TO before me this ____ day of _____, 19__.

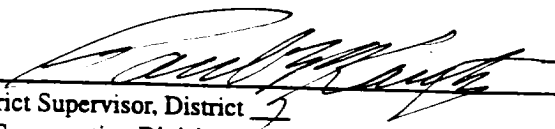
Notary Public

My Commission expires: _____

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 4-3-96, 19__.



District Supervisor, District 7
Oil Conservation Division

Date: 3/17/97

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

DATE: _____



Submit 3 Copies
to Appropriate
District Office

State of New Mexico
E. Minerals and Natural Resources Department

REC'D. / MIDLAND

Form C-103
Revised 1-1-89

AUG 19 1996

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

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

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

OIL CONSERVATION DIVISION
310 Old Santa Fe Trail, Room 206
Santa Fe, New Mexico 87503

WELL API NO. 30-025-29048
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No. 003345
7. Lease Name or Unit Agreement Name Christmas
8. Well No. 2
9. Pool name or Wildcat Monument Tubb

SUNDRY NOTICES AND REPORTS ON WELLS (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 CROSS TIMBERS OPERATING COMPANY	
3. Address of Operator P. O. Box 52070 Midland, Texas 79710-2070	
4. Well Location Unit Letter <u>A</u> : <u>380</u> Feet From The <u>North</u> Line and <u>420</u> Feet From The <u>East</u> Line Section <u>7</u> Township <u>20S</u> Range <u>38E</u> NMPM <u>Lea</u> County <u></u>	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) <u>3,567.5' GR</u>	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐		CASING TEST AND CEMENT JOB ☐	
OTHER: <u></u> ☐		OTHER: <u>Recompletion</u> ☒	

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.

RU workover rig. Installed BOP. Set pkr @ 5,601'. Squeeze cemented Blinbry perms fr/5,848'-5,872' w/75 sx Cl "C" cmt w/2% CaCl₂ lead + 50 sx Cl "C" neat cmt tail. WOC. Drilled out sqz job. Tst'd sqz to 1000 psig. Held OK. Cleanout to top of RBP @ 6,476'. Unable to release RBP. Cutover RBP. Unable to fish RBP. Pushed RBP to 6,832'. Set CIBP @ 6,635' w/3 sx cmt on top. Perf Tubb zone 1 jspf @ 6,460', 62', 64', 66', 68', 70', 88', 90', 92', 94', 96', 6,542', 44', 51' & 52' (Ttl 15 holes). Acidized Tubb perms w/2000 gals 15% NEFE w/23 BS. Frac'd Tubb perms w/28,200 gals 35# Borate XL gel wtr carrying 105,000# 16/30 Ottawa sd. RIH w/Baker Lok-set pkr on 2-3/8" prod tbg. Set pkr @ 6,334'. ND BOP. NU WH. Swab well in. Started flowing to btry & RD workover rig on 4/3/96.

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

SIGNATURE Ray F. Martin TITLE Operations Engineer DATE 4/23/96

TYPE OR PRINT NAME Ray F. Martin

TELEPHONE NO. (915) 682-8873

(This space for State Use)

APPROVED BY TITLE DATE AUG 15 1996

CONDITIONS OF APPROVAL, IF ANY:

AUG 19 1996

Form C-105
Revised 1-1-89

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

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

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

State of New Mexico
En Minerals and Natural Resources Department.

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

WELL API NO. 30-025-29048
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No. 003345
7. Lease Name or Unit Agreement Name Christmas
8. Well No. 2
9. Pool name or Wildcat Monument Tubb

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐		13. Elevations (DF & RKB, RT, GR, etc.) 3,567.5' GR		14. Elev. Casinghead 3,567	
b. Type of Completion: NEW WELL ☐ WORK OVER ☐ DRIFTEN ☐ PLUG BACK ☒ DIFF RESVR ☐ OTHER ☐		15. Total Depth 7,500			
2. Name of Operator CROSS TIMBERS OPERATING COMPANY		16. Plug Back T.D. 6,615		17. If Multiple Compl. How Many Zones?	
3. Address of Operator P. O. Box 52070 Midland, Texas 79710-2070		18. Intervals Drilled By Rotary Tools		Cable Tools	
4. Well Location Unit Letter A : 380 Feet From The North Line and 420 Feet From The East Line Section 7 Township 20S Range 38E NMPM Lea County		19. Producing Interval(s), of this completion - Top, Bottom, Name 6,460'-6,552', Tubb		20. Was Directional Survey Made	
10. Date Spudded 2/17/85		11. Date T.D. Reached 3/12/85		12. Date Compl. (Ready to Prod.) 4/3/96	
21. Type Electric and Other Logs Run None		22. Was Well Cored			

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24	1,506	12-1/4"	725 SX	
5-1/2"	15.5 & 17	7,498	7-7/8"	1,470 SX	

LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2-3/8"	6,334'
						6,334'

26. Perforation record (interval, size, and number) 6,460', 62', 64', 66', 68', 70', 88', 90', 92', 94', 96', 6,542', 44', 51' & 52' (15-0.53" dia Holes)		27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL 6,460'-6,552' 2000g 15% NEFE HCL acid & 28,200g X-linked gelled wtr w/105,000# 16/30 sand.	
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PRODUCTION

28. Date First Production 4/3/96		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing		5,848'-5,872' Sq 125 sx Class C cmt		Well Status (Prod. or Shut-in) Producing	
Date of Test 4/16/96	Hours Tested 24	Choke Size 14/64	Prod'n For Test Period Oil - Bbl 13	Gas - MCF 861	Water - Bbl 3	Gas - Oil Ratio 66.230	
Flow Tubing Press. 1500	Casing Pressure 0	Calculated 24-Hour Rate	Oil - Bbl	Gas - MCF	Water - Bbl	Oil Gravity - API - (Corr.)	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold		Test Witnessed By Jim Baker	
30. List Attachments None			

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature Ray F. Martin Printed Name Ray F. Martin Title Operations Engineer Date 4/13/96

Cross Timbers Oil Company

CHRISTMAS 2

CROSS TIMBERS
NADINE W (BLIN/TUBB)
LEA, NEW MEXICO

CO
CHRIS2

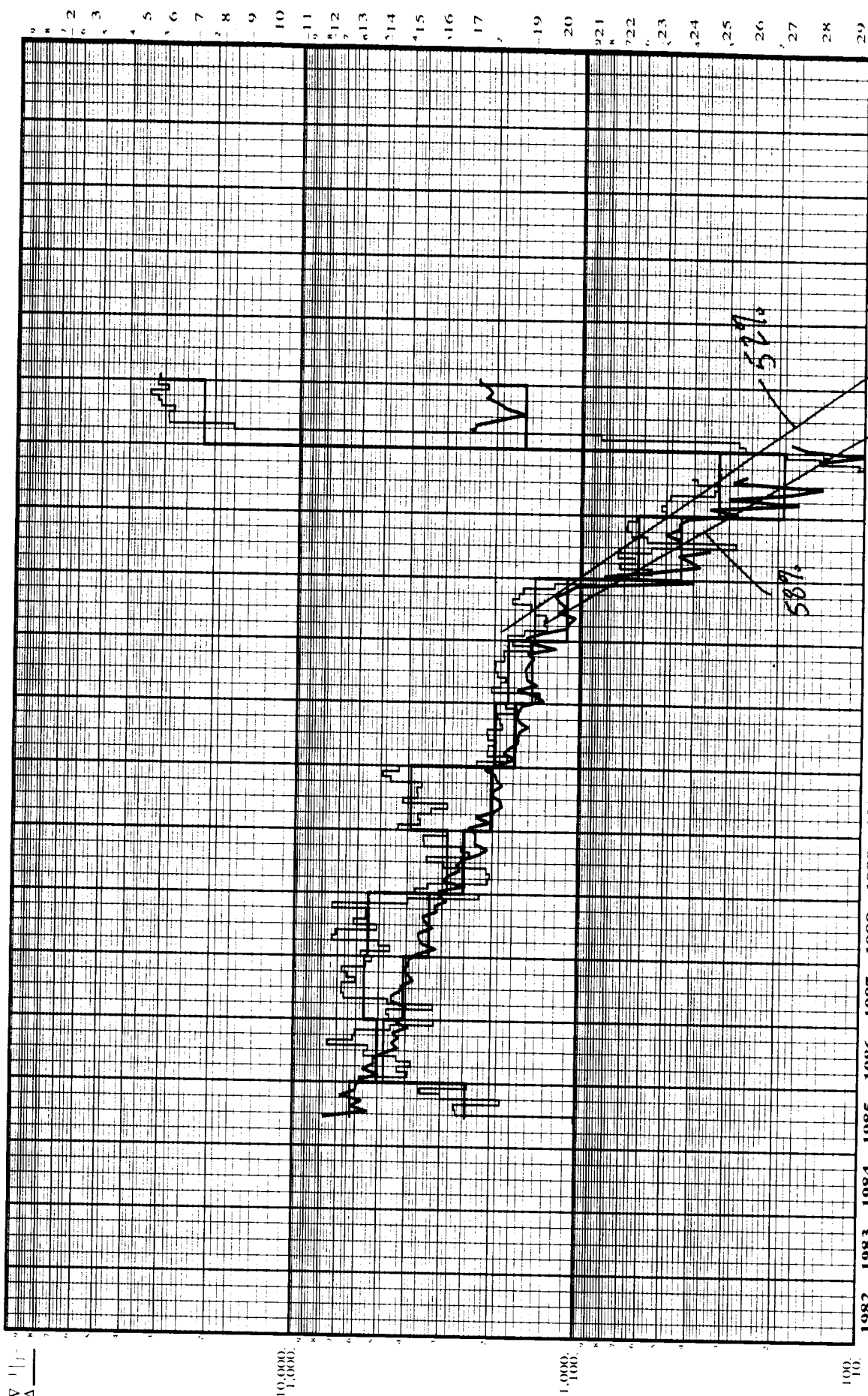
FTP

PERMIAN BASIN
5760

RFM JEB CP-AW

Run Date: 02/17/97
Run Time: 14:31:10

GAS (mcf/mo) ∇ 1 1
OIL (bbls/mo) Δ 1 1



TIME (years)

03/05/1997 09:51:13 51 P

SUMMARY

PRODUCTION PROJECTIONS					
WELL NAME & #: CHRISTMAS #2					
FIELD: WEST N WEST NADINE PADDOCK BLINEBRY					
OIL DECLINE RATE (%/YR): 58 OIL DECLINE FACTOR: 0.930259					
GAS DECLINE RATE (%/YR): 52 GAS DECLINE FACTOR: 0.940669					
ECONOMIC LIMIT: 3 NEB/DAY NEB - NET EQUIVALENT BARREL					
	PROJECTED	PROJECTED	CUMULATIVE PROJECTED	CUMULATIVE PROJECTED	
	OIL	GAS	OIL	GAS	
MONTH	BO/MO	MCF/MO	BO	MCF	
Feb-96	18	280	18	280	
Mar-96	17	263	35	543	
Apr-96	16	248	50	791	
May-96	14	233	65	1,024	
Jun-96	13	219	78	1,243	
Jul-96	13	206	91	1,450	
Aug-96	12	194	102	1,644	
Sep-96	11	182	113	1,826	
Oct-96	10	172	123	1,998	
Nov-96	9	161	133	2,159	
Dec-96	9	152	142	2,311	