

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-105  
Revised 1-1-89

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

OIL CONSERVATION DIVISION

2040 Pacheco St.  
Santa Fe, NM 87505

MAY 2001

RECEIVED  
OIL CON. DIV.  
DMT. 5

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

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

WELL API NO.

30-045-30560

5. Indicate Type Of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

L-4777

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

b. Type of Completion:

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER ☐

2. Name of Operator

Cross Timbers Operating Company

3. Address of Operator

2700 Farmington Ave., Bldg. K. Ste 1 Farmington, NM 87401

8. Well No.

5E

9. Pool name or Wildcat

Basin Dakota

4. Well Location

Unit Letter K : 1500 Feet From The SOUTH Line and 1500 Feet From The WEST Line

Section 32

Township 26 N

Range 11 W

NMPM

San Juan

County

10. Date Spudded

3/2/01

11. Date T.D. Reached

3/12/01

12. Date Compl.(Ready to Prod.)

4/25/01

13. Elevations(DF & RKB, RT, GR, etc.)

6342' GL

14. Elev. Casinghead

15. Total Depth

6232

16. Plug Back T.D.

6,211'

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

5840' - 6202' DAKOTA

20. Was Directional Survey Made

NO

21. Type Electric and Other Logs Run

ARAY IND/MSFL/GR/SP/CAL/NEUTRON/LITHO DENSITY/PE & FMI

22. Was Well Cored

NO

23. 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# K-55	370'	12-1/4"	236 sx cl B w/2% CaCl2	
4-1/2"	10.5# K-55	6227'	7-7/8"	615 sx Lite-Crete w/	
				200 sx cl G w/2% gel	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	5852'	

25. TUBING RECORD

26. Perforation record (interval, size, and number)

Main DK: 5,840'-5,866' w/2 JSPF (52 holes - 0.34" dia)  
Lower DK: 6,135'-37', 6,158'-62' & 6,200'-02' w/2 JSPF (16 holes - 0.4" dia)

27. ACID, SHOT, FRACTURE, CEMENT, SOEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5840'-66'	53,088 gal 700 N2 foamed, x-linked
	25# quar gelled, 2% KCL wtr w/
	82,780# 20/40 Ottawa sd w/propnet

28. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing					Well Status (Prod. or Shut-in) SI	
Date of Test 4/30/01	Hours Tested 3 hrs	Choke Size 3/8"	Prod'n For Test Period	Oil - Bbl. 1/2 bbl	Gas - MCF 14 MCF	Water - Bbl. 0 bbl	Gas - Oil Ratio
Flow Tubing Press. 20 psig	Casing Pressure SI: 285 psig	Calculated 24-Hour Rate	Oil - Bbl. 4 bbls	Gas - MCF 109 MCF	Water - Bbl. 0 bbls	Oil Gravity - API (Corr.)	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

To be sold.

Test Witnessed By

KEN DURHAM

30. List Attachments

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 Loren W Fothergill Printed Name Loren W Fothergill Title Prod.Engineer Date 5/2/01

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

**INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE**

## Southeastern New Mexico

## Northeastern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. FRTLND FORM: 858'
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. LWR FRTLND FORM: 1274'
T. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. PC SANDSTONE: 2072'
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. LEWIS SHALE: 1588'
T. Abo _____	T. _____	T. Wingate _____	T. GRNHRN LIMESTONE: 5680'
T. Wolfcamp _____	T. _____	T. Chinle _____	T. DK SANDSTONE: 5797'
T. Penn _____	T. _____	T. Permian _____	T. BURO CNYN SDSTNE: 5969'
T. Cisco (Bough C) _____	T. _____	T. Penn "A" _____	T. MORRISON: 6008'

### OIL OR GAS SANDS OR ZONES

No. 1, from ..... to .....  
No. 2, from ..... to .....  
No. 3, from ..... to .....  
No. 4, from ..... to .....

## IMPORTANT WATER SANDS

**Include data on rate of water inflow and elevation to which water rose in hole.**

No. 1, from ..... to ..... feet .....

No. 2, from ..... to ..... feet .....

No. 3, from ..... to ..... feet .....

**LITHOLOGY RECORD** ( Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology