

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
811 South First, Artesia, NM 88210

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

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-101

Revised October 18, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 6 Copies

Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address Cross Timbers Operating Company 3000 N. Garfield, Suite 175 Midland, TX 79705		OGRIID Number 005380
		API Number 30 - 0 25-29793
Property Code 003344	Property Name Cardinal	Well No. 1

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
G	27	19S	38E		2110	North	1650	East	Lea

Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
Proposed Pool 1					Proposed Pool 2				
Wildcat (Glorieta)									

Work Type Code P	Well Type Code O	Cable/Rotary	Lease Type Code P	Ground Level Elevation 3587
Multiple No	Proposed Depth 6050	Formation Glorieta	Contractor To be named	Spud Date 07-01-98

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/2"	13-3/8"	61	195	200	Surface
12-1/4"	8-5/8"	24	1555	800	Surface
7-7/8"	5-1/2"	15.5 & 17	7400	1245	3290'

²²Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

1. Rig up pulling unit. Install double ram BOP. POH w/rods and tubing.
2. Set CIBP or RBP above existing perforations.
3. Perforate 5539-64' and 5903-14'.
4. Acidize both sets of perforations w/ \pm 500 gals 15% NEFE HCl acid w/ball sealers. Swab test each set of perforations.
5. Run rods and tubing. Remove BOP. Rig down pulling unit. Start well pumping.

Permit Expires 1 Year From Approval
Date Unless ~~Drilling Underway~~
Plug Back

²³I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Janice Courtney

Printed name: Janice Courtney

Title: Regulatory Tech 6/30/98

OIL CONSERVATION DIVISION

Approved By:

ORIGINAL SIGNED BY CHRIS WILLIAMS
DISTRICT I SUPERVISOR

Title:

Approval Date: JUL 08 1998

Expiration Date:



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Form C-102

Revised October 18, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-29793	Pool Code	Pool Name Wildcat (Glorieta)
Property Code 003344	Property Name Cardinal	Well Number 1
OGRID No. 005380	Operator Name Cross Timbers Operating Company	Elevation GR 3587

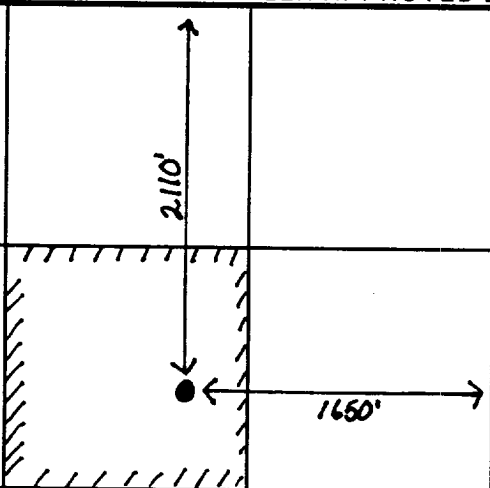
Surface Location

UL or lot no. G	Section 27	Township 19S	Range 38E	Lot Idn	Feet from the 2110	North/South line North	Feet from the 1650	East/West Line East	County Lea
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Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
Dedicated Acres 40	Joint or Infill N	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16					17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Signature Janice Courtney Printed Name Regulatory Tech Title 06-30-98 Date
18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey Signature and Seal of Professional Surveyer: Certificate Number					