

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-101
Revised February 10, 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

¹ Operator Name and Address. Cross Timbers Operating Company 3000 N Garfield, Suite 175 Midland, TX 79705		² OGRID Number 005380
⁴ Property Code 002205	³ Property Name Shamu	⁵ API Number 30 - 0 25-27932
		⁶ Well No. 1

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	12	20S	37E		990	North	990	East	Lea

⁸ 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
⁹ Proposed Pool 1 Monument Tubb (47090)					¹⁰ Proposed Pool 2				

¹¹ Work Type Code P	¹² Well Type Code 0	¹³ Cable/Rotary --	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3,565'
¹⁶ Multiple No	¹⁷ Proposed Depth 6,670	¹⁸ Formation Tubb	¹⁹ Contractor --	²⁰ Spud Date --

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	8-5/8"	23 & 24	1,500	800	Surf
7-7/8"	5-1/2"	15.5 & 17	7,500	1,100	2,500'

²² Describe 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 manual double ram BOP. Pull rods & tbg.
2. Set CIBP at $\pm 6,670'$ above Drinkard perms fr/6,706'-6,868'.
3. Perforate Tubb 1 JSPF fr/6,478'-6,492' & 6,526'-6,530' (ttl 20 holes).
4. Acidize Tubb perms 6,478'-6,530' w/2,000 gals 15% HCl acid & frac w/36,000 gals crosslinked 2% KCL wtr carrying 155,000# 16/30 Ottawa sand.
5. Run completion equip. Flow or put on rod pump.

Permit Expires 1 Year From Approval
Date Unless Drilling Underway
Plugback

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

Signature:

Ray Martin

Printed name:

Ray Martin

Title:

Operation Engineer

Date:

9/16/96

Phone:

915-682-8873

OIL CONSERVATION DIVISION

Approved by:

[Signature]

Title:

Approval Date:

SEP 18 1996

Expiration Date:

Conditions of Approval:

Attached ☐

