

District I
P.O. 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

¹ Operator Name and Address. TMBR/Sharp Drilling, Inc. P. O. Drawer 10970 Midland, TX 79702		² OGRID Number 036554
Supplemental to API #30-025-35653		³ API Number 30-025-35865
⁴ Property Code 28579	⁵ Property Name Blue Fin "25"	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	Count
E	25	16S	35E		1913	North	924	West	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	Count

⁹ Proposed Pool 1 Townsend; Mississippian, N.	¹⁰ Proposed Pool 2 Townsend; Morrow
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¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3959
¹⁶ Multiple No	¹⁷ Proposed Depth 13,200'	¹⁸ Formation Mississippian	¹⁹ Contractor TMBR/Sharp	²⁰ Spud Date 9/01/01

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17½"	13⅝"	54.5	420	500	Surface
12¼"	9⅝"	40	5,000	1800	Surface
8¾"	7"	23 & 26	12,000	1000	5,000
6¼"	4½"	11.6	13,200	135	11,900

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.

It is proposed to drill a 17½" hole to ±420' with fresh water & set 13⅝" csg & cement to surface. A 12¼" intermediate hole will be drilled to ±5000' with cut-brine system & 9⅝" csg will be set & cemented back to surface. A 3000 psi annular preventer & 3000 psi dual ram BOP will be used on the intermediate hole. An 8¾" hole will be drilled to a TD of ±12,000' with FW mud where 7" csg will be set at TD & cemented back to the intermediate csg @ 5000'. We will drill a 6¼" hole to TD of ±13,200'. We plan to run a 4½" liner to TD with top of liner @ 11,900' & cement w/135 sacks. A 3000 psi annular preventer & a 5000 psi double ram BOP will be used on the 8¾" & 6¼" hole. Mud up will occur between 9000' & 10,000' & several DST's are planned.

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

Signature:

Lonnie Arnold

Printed name: Lonnie Arnold

Title: Production Manager

Date: March 15, 2002

Phone: (915) 699-5050

OIL CONSERVATION DIVISION

Approved by:

PAUL F. KADITZ

PETROLEUM ENGINEER

Title:

Approval Date:

Expiration Date:

Conditions of Approval:

Attached ☐

MAR 20 2002

Permit Expires 1 Year From Approval Date Unless Drilling Underway