

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

¹ Operator Name and Address. TMBR/Sharp Drilling, Inc. P. O. Drawer 10970 Midland, TX 79702		² OGRID Number 036554
		³ API Number 30-025-35896
⁴ Property Code 28580	⁵ Property Name Leavelle "23"	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
G	23	16S	35E		2038	North	1998	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	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 3965
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"	13¾"	54.5	420	500	Surface
12¼"	9¾"	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 13¾" csg & cement to surface. A 12¼" intermediate hole will be drilled to ±5000' with cut-brine system & 9¾" 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:

Printed name: Lonnie Arnold

Title: Production Manager

Date: April 22, 2002

Phone: (915) 699-5050

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Expiration Date:

Conditions of Approval

Attached ☐

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

C-101 Instructions

Measurements and dimensions are to be in feet/inches. Well locations will refer to the New Mexico Principal Meridian.

IF THIS IS AN AMENDED REPORT CHECK THE BOX LABELED
"AMENDED REPORT" AT THE TOP OF THIS DOCUMENT.

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| <p>1 Operator's OGRID number. If you do not have one it will be assigned and filled in by the District office.</p> <p>2 Operator's name and address</p> <p>3 API number of this well. If this is a new drill the OCD will assign the number and fill this in.</p> <p>4 Property code. If this is a new property the OCD will assign the number and fill it in.</p> <p>5 Property name that used to be called 'well name'</p> <p>6 The number of this well on the property.</p> <p>7 The surveyed location of this well New Mexico Principal Meridian NOTE: If the United States government survey designates a Lot Number for this location use that number in the 'UL or lot no.' box. Otherwise use the OCD Unit Letter.</p> <p>8 The proposed bottom hole location of this well at TD</p> <p>9 and 10 The proposed pool(s) to which this well is being drilled.</p> <p>11 Work type code from the following table:
 N New well
 E Re-entry
 D Drill deeper
 P Plugback
 A Add a zone</p> <p>12 Well type code from the following table:
 O Single oil completion
 G Single gas completion
 M Multiple completion
 I Injection well
 S SWD well
 W Water supply well
 C Carbon dioxide well</p> <p>13 Cable or rotary drilling code
 C Propose to cable tool drill
 R Propose to rotary drill</p> <p>14 Lease type code from the following table:
 S State
 P Private</p> <p>15 Ground level elevation above sea level</p> <p>16 Intend to multiple complete? Yes or No</p> <p>17 Proposed total depth of this well</p> | <p>18 Geologic formation at TD</p> <p>19 Name of the intended drilling company if known.</p> <p>20 Anticipated spud date.</p> <p>21 Proposed hole size ID inches, proposed casing OD inches, casing weight in pounds per foot, setting depth of the casing or depth and top of liner, proposed cementing volume, and estimated top of cement</p> <p>22 Brief description of the proposed drilling program and BOP program. Attach additional sheets if necessary.</p> <p>23 The signature, printed name, and title of the person authorized to make this report. The date this report was signed and the telephone number to call for questions about this report.</p> |
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