

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
Geology, 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 30-025-34915
⁴ Property Code 25308	⁵ Property Name Angel State Com "13"	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
A	13	17S	35E		660	North	660	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 Wildcat (Atoka) Gas					¹⁰ Proposed Pool 2 Wildcat (ABO)				

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3909
¹⁶ Multiple No	¹⁷ Proposed Depth 12,900'	¹⁸ Formation Morrow	¹⁹ Contractor TMBR/Sharp	²⁰ Spud Date February 11, 2000

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17½"	13%	48	450	440	Surface
11"	8%	32	5,000	1,800	Surface
7⅞"	5½"	17	12,900	1,200	4,800

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 ±450' with FW, set 13% casing and cement casing back to surface. An 11" intermediate hole will then be drilled to ±5,000' w/brine-cut brine system and an 8% casing string will be set and cemented back to surface. A 3000 psi annular preventer and 3000 psi dual ram BOP will be used on the intermediate hole. A 7⅞" hole will be drilled to an approximate TD of 12,900' w/FW mud. The 5½" casing will be set at TD and cemented back to the intermediate casing @ 5,000'. A 3000 psi annular preventer and a 5000 psi dual ram BOP will be used on the 7⅞" hole. Mud up will occur between 9,000' and 11,000' and 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: <i>Jeffrey D. Phillips</i>		OIL CONSERVATION DIVISION	
Printed name: Jeffrey D. Phillips		Approved by: ORIGINAL SIGNED BY	
Title: Vice President		Title: GEORGE WINK	
Date: February 3, 2000		Approval Date: 2/11/00	Expiration Date:
Phone: (915) 699-5050		Conditions of Approval : Attached <input type="checkbox"/>	

C-101 Instructions

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

Permit Expires 12/31/00
Date Unleashed 12/31/00

CL
MD

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

- | | |
|---|--|
| <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> |
|---|--|

DISTRICT I
P.O. Box 1888, Hobbs, NM 88241-1888

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0710

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

DISTRICT IV
P.O. Box 2088, Santa Fe, N.M. 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-34915	Pool Code ✓	Pool Name Wildcat, Artesia
Property Code 25308	Property Name ANGEL STATE COM "13"	Well Number 1
GRID No. 036554	Operator Name TMBR SHARP DRILLING, INC.	Elevation 3909

Surface Location

UL or lot No. A	Section 13	Township 17S	Range 35E	Lot Idn	Feet from the 660	North/South line NORTH	Feet from the 660	East/West line EAST	County LEA
---------------------------	----------------------	------------------------	---------------------	---------	-----------------------------	----------------------------------	-----------------------------	-------------------------------	----------------------

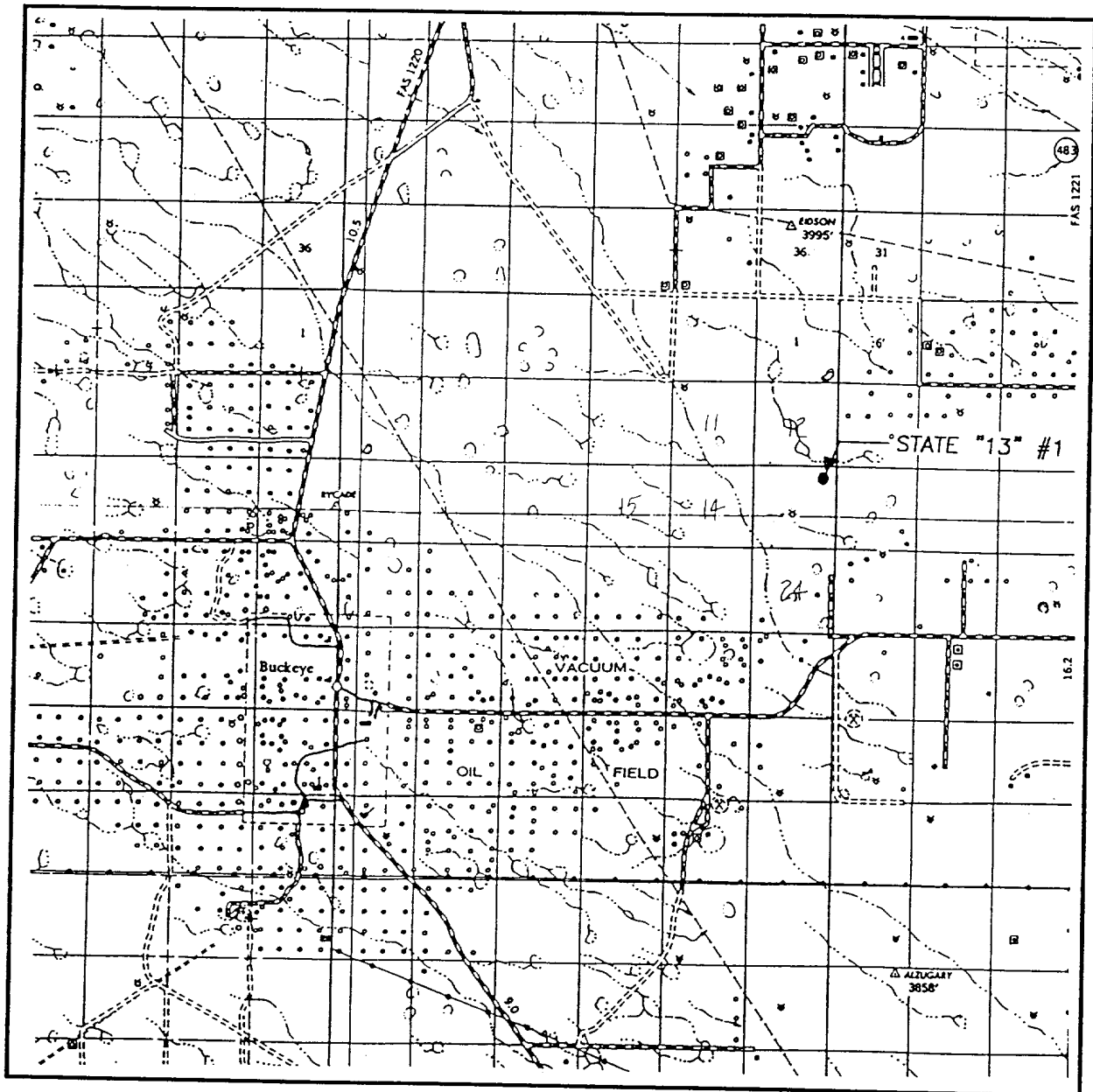
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 320	Joint or Infill	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

	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Jeffrey D. Phillips Signature Jeffrey D. Phillips Printed Name Vice President Title February 3, 2000 Date	
	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. JANUARY 13, 2000 Date Surveyed LMP Signature & Seal of Professional Surveyor Ronald J. Edison Certificate No. RONALD J. EDISON 3239 GARY EDSON 12641 MACON McDONALD 12185	

VICINITY MAP

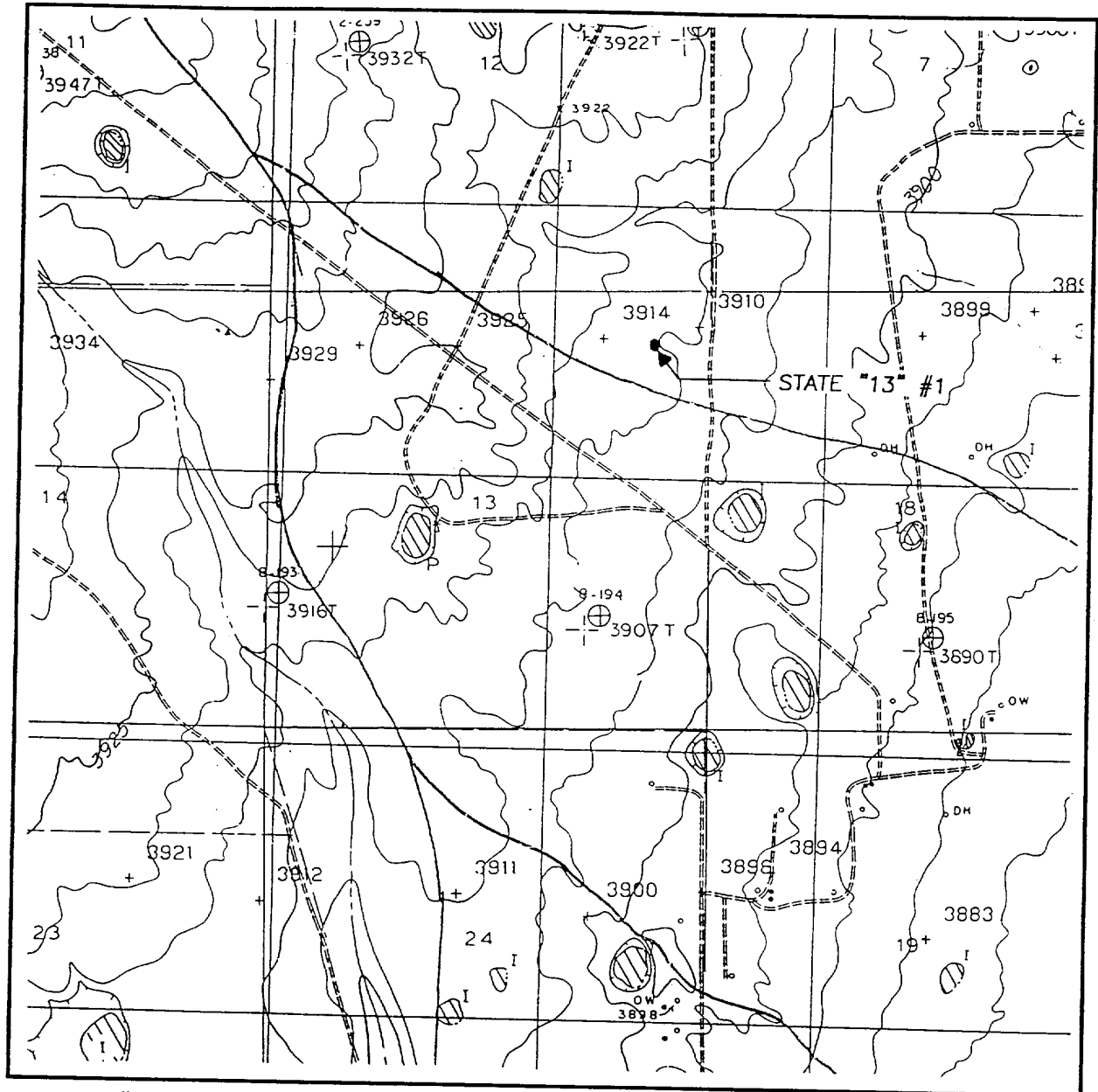


SCALE: 1" = 2 MILES

SEC. 13 TWP. 17-S RGE. 35-E
 SURVEY N.M.P.M.
 COUNTY LEA
 DESCRIPTION 660' FNL & 660' FEL
 ELEVATION 3909
 OPERATOR TMBR SHARP
DRILLING COMPANY
 LEASE STATE "13"

JOHN WEST SURVEYING
 HOBBS, NEW MEXICO
 (505 393-3117)

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
LOVINGTON SW, N.M. - 5'

SEC. 13 TWP. 17-S RGE. 35-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 660' FNL & 660' FEL

ELEVATION 3909

OPERATOR TMBR SHARP
DRILLING COMPANY

LEASE STATE "13"

U.S.G.S. TOPOGRAPHIC MAP
LOVINGTON SW, N.M.

JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505 393-3117)

TIME//SHARP DRILLING

B.O.P. Equipment Intended for use on Rig # 23

Well To Be drilled for Time/Sharp Drilling, Inc.

' All B.O.P equipment is H2S Trim '

' All Accumulators are Kookey Type-80 : Dual Power Electric/Air '

' Choke Manifold: " See sheet 2

4" Valves : Cameron F/FC, Shaffer DB Hydraulic

2" Check Valve: Cameron Type R

2" Valves : Cameron or Shaffer

Annular: Shaffer Type: Spherical

Annular PSI: 3000

(If Shaffer: Spherical , If Hydril: Type GK)

BOP Type LWS 2 gate

(If Shaffer: LWS or SL, If Cameron: Type U)

BOP Size: 11 " - 5000 PSI

Rotating Head Type Smith

Rot-Head Furnished By Time/Sharp

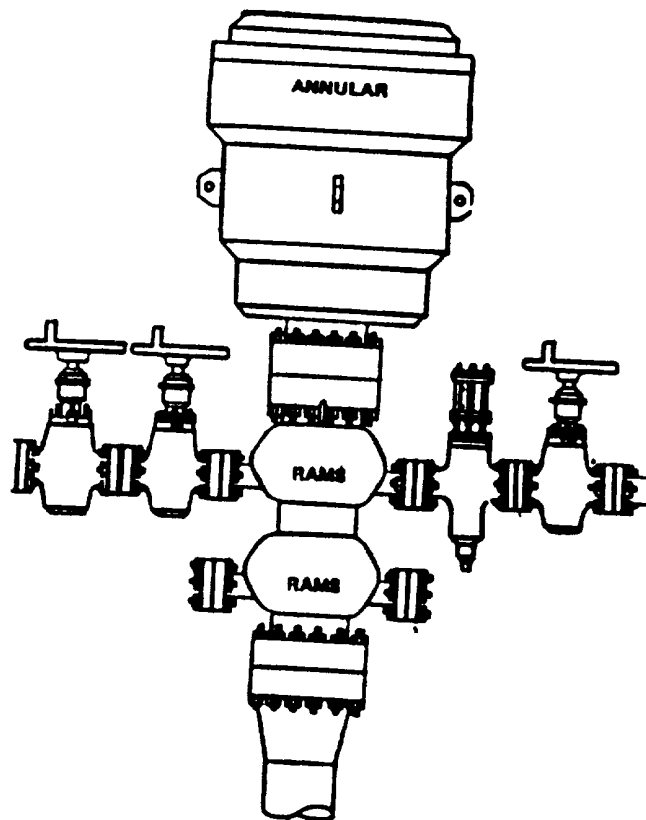
Rams in top gate: Blinds

Rams in bottom: 4 1/2" pipe

Side Outlets used:

Bottom X Top

4" Valves on Tee



TIMBER//SHARP DRILLING

B.O.P. Equipment Intended for use on Rig # 23

Well To Be drilled for Timber/Sharp

' All Valves (H2S) '

Choke Manifold:

Pressure Rating 3,000 or 5,000 (as Req.)

1 - 4" Valves (2 if Required)

4 - 2" Valves

2 - 2" Adjustable Chokes

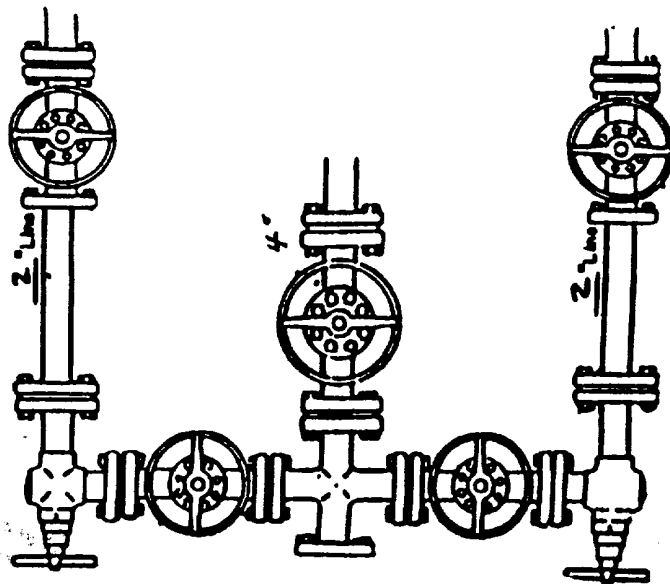
Valve Types Used:

Cameron - F or FC

Shaffer - B Floseal

WKM - type 2

Chokes - Cameron H2 or TC unbolt



ELF
7/20/00
ABOVE DATE DOES NOT
INDICATE WHEN
CONFIDENTIAL LOGS
WILL BE RELEASED

