

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. CONCHO RESOURCES, INC. 110 WEST LOUISIANA SUITE 410 MIDLAND, TEXAS 79701		² OGRID Number 166111
		³ API Number 30-0 2534810
⁴ Property Code 24223	⁵ Property Name TOMCAT "16" STATE	⁶ Well No. 4

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
E	16	23S	32E		1650'	NORTH	460	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	County
⁹ Proposed Pool 1 SAND DUNES-BONE SPRING (53800)					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3651'
¹⁶ Multiple NO	¹⁷ Proposed Depth 9100'	¹⁸ Formation BONE SPRING	¹⁹ Contractor UNKNOWN	²⁰ Spud Date WHEN APPROVED

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
25"	20"	NA	40'	Redi-mix	Surface
17½"	13 3/8"	48	650'	550 Sx.	Surface
11"	8 5/8"	32	4900'	1400 Sx	450'
7 7/8"	5½"	15.5 & 17	9100'	500 Sx.	7600'

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. Drill 25" hole to 40'. Set 40' of 20" conductor and cement to surface with Redi-mix.
2. Drill 17½" hole to 650'. Run and set 650' of 13 3/8" 48# H-40 ST&C casing. Cement with 550 Sx. of Class "C" cement + additives, circulate cement to surface.
3. Drill 11" hole to 4900'. Run and set 4900' of 8 5/8" 32# S-80 & J-55 LT&C casing. Cement with 1400 Sx. of Class "C" cement + additives estimate top of cement 450'.
4. Drill 7 7/8" hole to 9100'. Run and set 9100' of 5½" 15.5 & 17# K-55 LT&C casing. Cement with 550 Sx. of Super Class "H" cement + additives, estimate top of cement 7600'.

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

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

Signature:

Printed name:

Title: Agent

Date: 12/21/99

Phone: 505-391-8503

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNED BY J. T. WILLIAMS

Title:

Approval Date: 12-21-99

Expiration Date:

Conditions of Approval:

Attached ☐

DISTRICT I
P.O. Box 1990, Hobbs, NM 88241-1990

DISTRICT II
P.O. Drawer 88, Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brasos Rd., Artec, 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 30-025-34810	Pool Code 53800	Pool Name SAND DUNES-BONE SPRING
Property Code 24223	Property Name TOMCAT 16 STATE	Well Number 4
OGRID No. 166111	Operator Name CONCHO RESOURCES, INC.	Elevation 3651

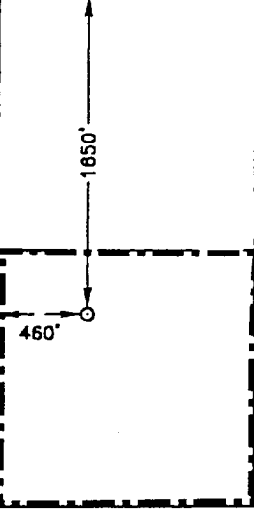
Surface Location

UL or lot No. E	Section 16	Township 23 S	Range 32E	Lot Idn	Feet from the 1650	North/South line NORTH	Feet from the 460	East/West line WEST	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	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 the the information contained herein is true and complete to the best of my knowledge and belief.


Signature

Joe V. Janica
Printed Name

Agent
Title

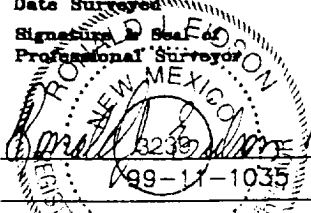
12/21/99
Date

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.

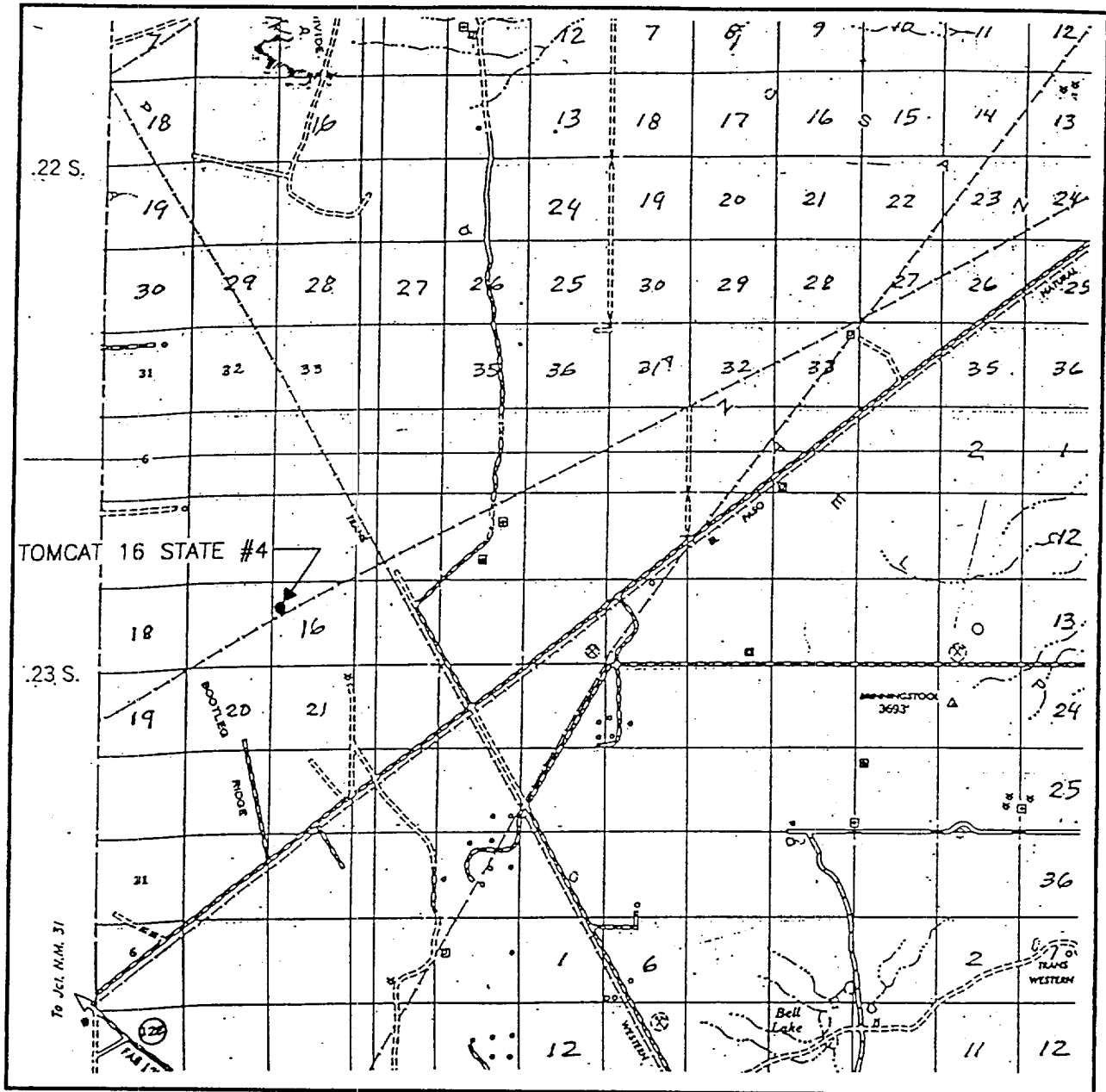
DECEMBER 6, 1999

Date Surveyed _____ LMP

Signature of Seal of Professional Surveyor 

Certificate No. RONALD J. KIDSON 3239
GARY KIDSON 12841
MACON McDONALD 12185

VICINITY MAP

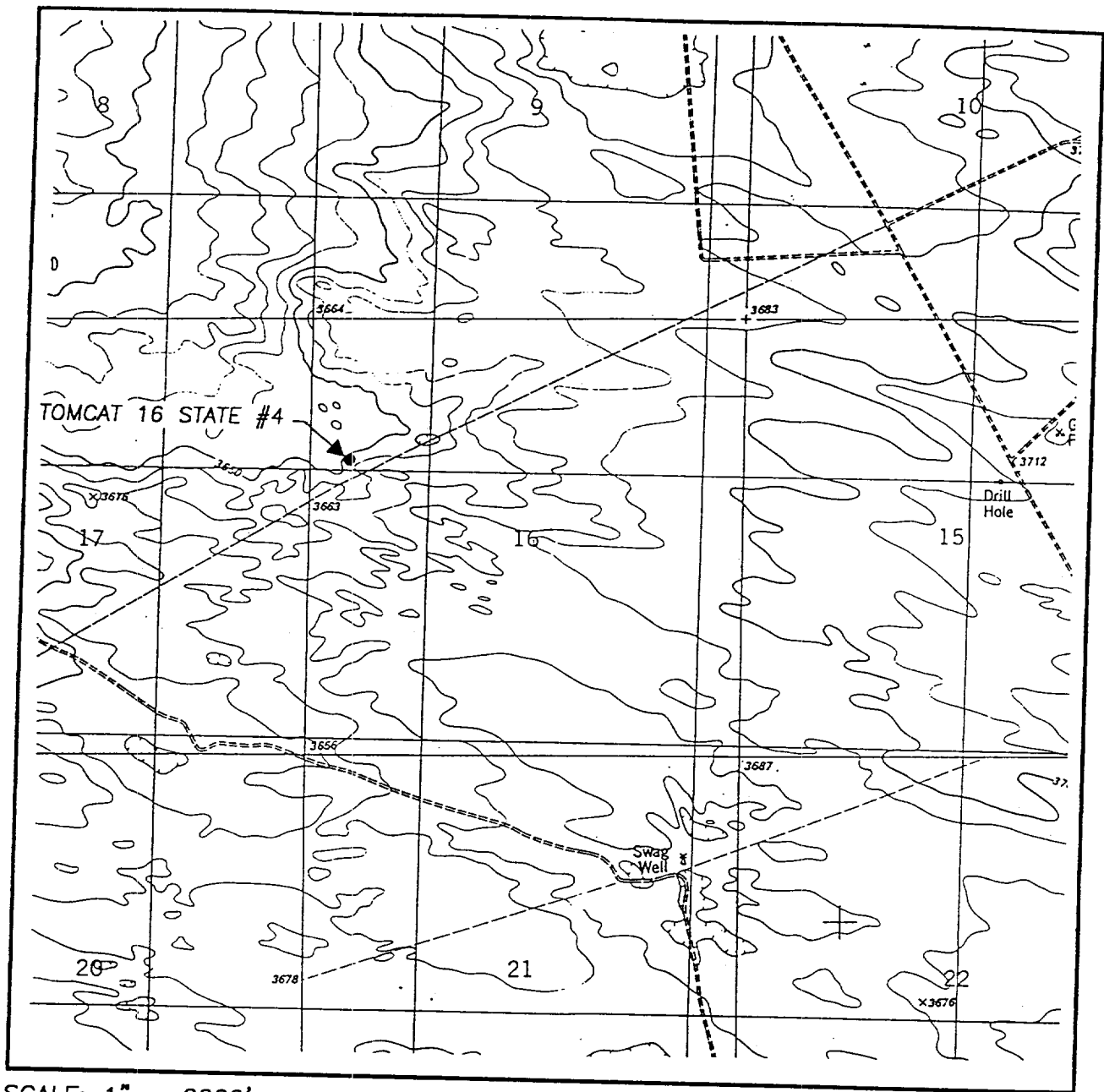


SCALE: 1" = 2 MILES

SEC. 16 TWP. 23-S RGE. 32-E
 SURVEY N.M.P.M.
 COUNTY LEA
 DESCRIPTION 1650' FNL & 460' FWL
 ELEVATION 3651
 OPERATOR CONCHO RESOURCES, INC.
 LEASE TOMCAT 16 STATE

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

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
BOOTLEG RIDGE, N.M. - 10'

SEC. 16 TWP. 23-S RGE. 32-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 1650' FNL & 460' FWL

ELEVATION 3651

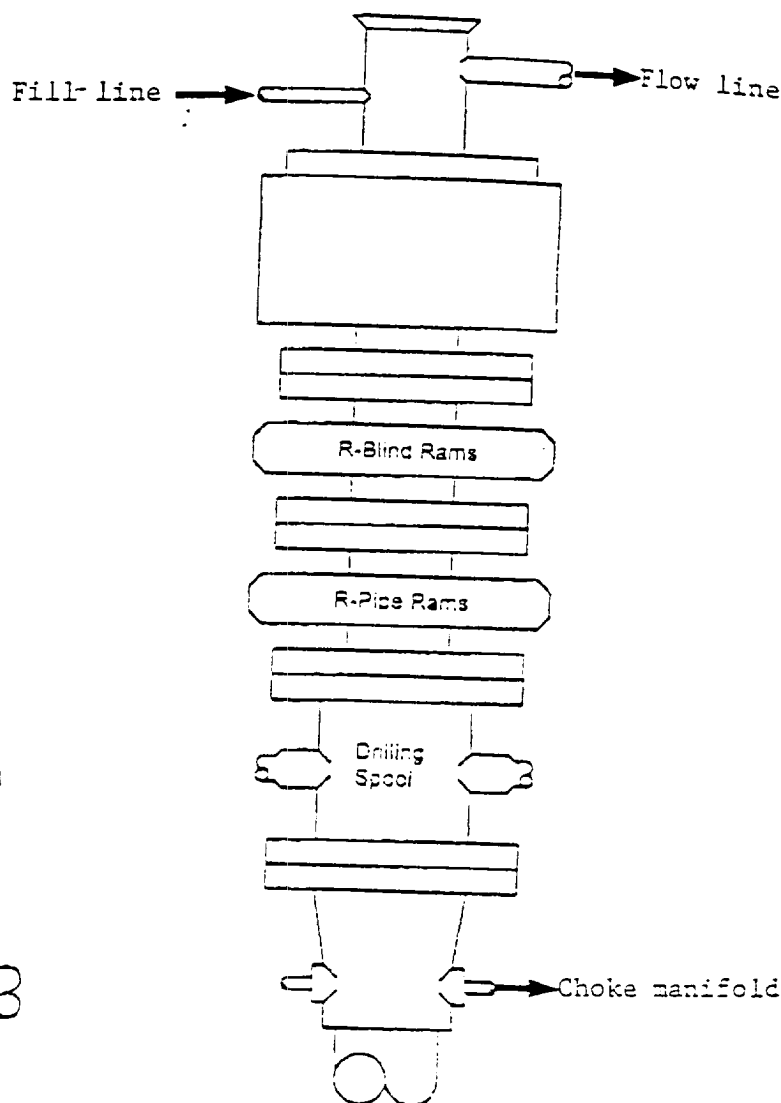
OPERATOR CONCHO RESOURCES, INC.

LEASE TOMCAT 16 STATE

U.S.G.S. TOPOGRAPHIC MAP
BOOTLEG RIDGE, N.M.

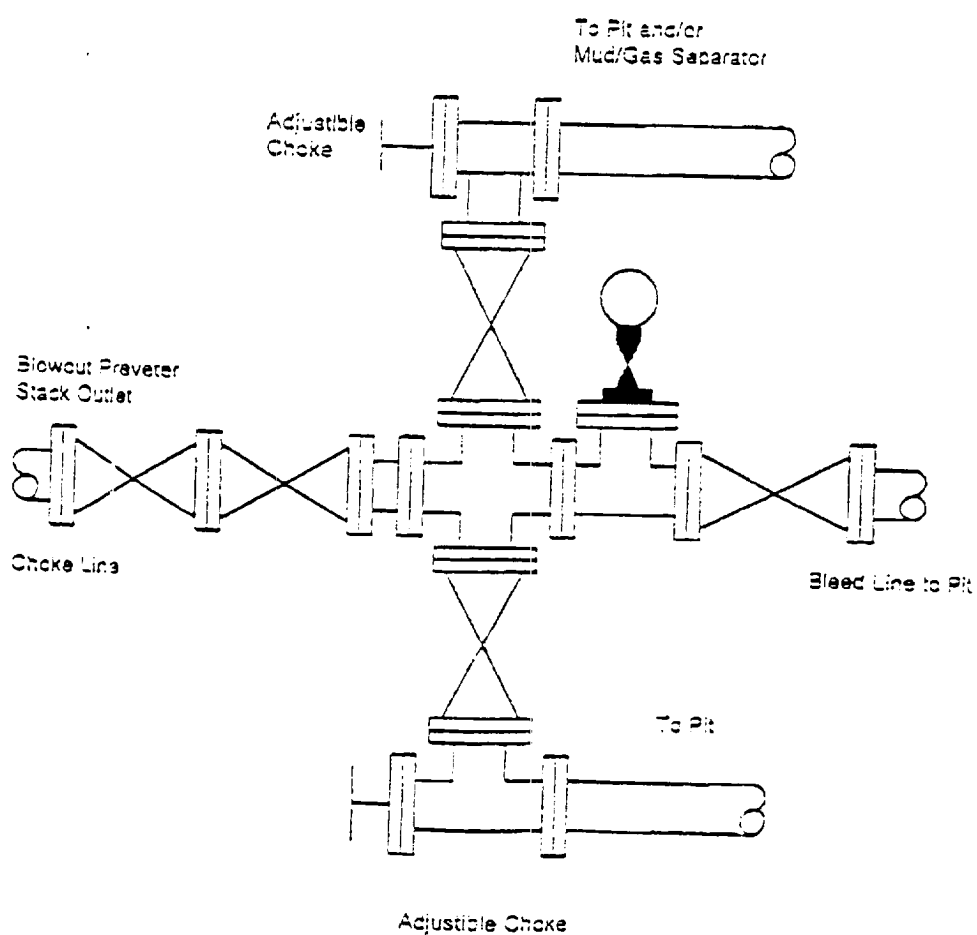
JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505 393-3117)

BLOWOUT PREVENTER SYSTEM



Type 900 Series
3000 psi WP

Choke Manifold Assembly for 3M WP System



ABOVE DATE DOES NOT
INDICATE WHEN
CONFIDENTIAL LOGS
WILL BE RELEASED

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