

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Artec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised March 17, 1999

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

Operator Name and Address CONCHO RESOURCES, INC. 110 WEST LOUISIANA SUITE 410 MIDLAND, TEXAS 79702		OGRID Number 166111
Property Code 24223	Property Name TOMCAT "16" STATE	API Number 30-025-35411
		Well No. 13

Surface Location

UL or lot no.	Section	Township	Range	Lot 1/4	Feet from the	North/South line	Feet from the	East/West line	County
A	16	23S	32E		660'	NORTH	660'	EAST	LEA

Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 1/4	Feet from the	North/South line	Feet from the	East/West line	County
Proposed Pool 1 DIAMOND TALE BONE SPRING (17644)					Proposed Pool 2				

Work Type Code N	Well Type Code O	Cable/Rotary ROTARY	Lease Type Code S	Ground Level Elevation 3684'
Multiple NO	Proposed Depth 9100'	Formation BONE SPRING	Contractor Unknown	Spud Date When approved

Proposed Casing and Cement Program

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

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" H-40 48# 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# J-55 ST&C casing. Cement with 1400 Sx. of Class "C" cement + additives, estimate top of cement 450' from surface, 200' into 13 3/8" casing.
4. Drill 7 7/8" hole to 9100. Run and set 9100' of 5½" 15.5# & 17# J-55 LT&C casing. Cement with 500 Sx. of SuperClass "H" cement + additives, estimate top of cement 7600'.

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: <i>Joe T. Janica</i>		Approved by: <i>William J. Glavin</i>	
Printed name: Joe T. Janica		Title: DISTRICT ENGINEER	
Title: Agent		Approval Date:	Expiration Date:
Date: 02/14/01	Phone: 505-391-8503	Conditions of Approval:	

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dp

DISTRICT I

P.O. Box 1980, Hobbs, NM 88241-1980

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

DISTRICT II

P.O. Drawer DD, Artesia, NM 88211-0719

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

P.O. BOX 2068, SANTA FE, N.M. 87504-2068

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-35411	Pool Code 17644	Pool Name DIAMOND PAUL -BONE SPRING
Property Code 24223	Property Name TOMCAT 16 STATE	Well Number 13
OGRID No. 166111	Operator Name CONCHO RESOURCES, INC.	Elevation 3684'

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	16	23-S	32-E		660	NORTH	660	EAST	LEA

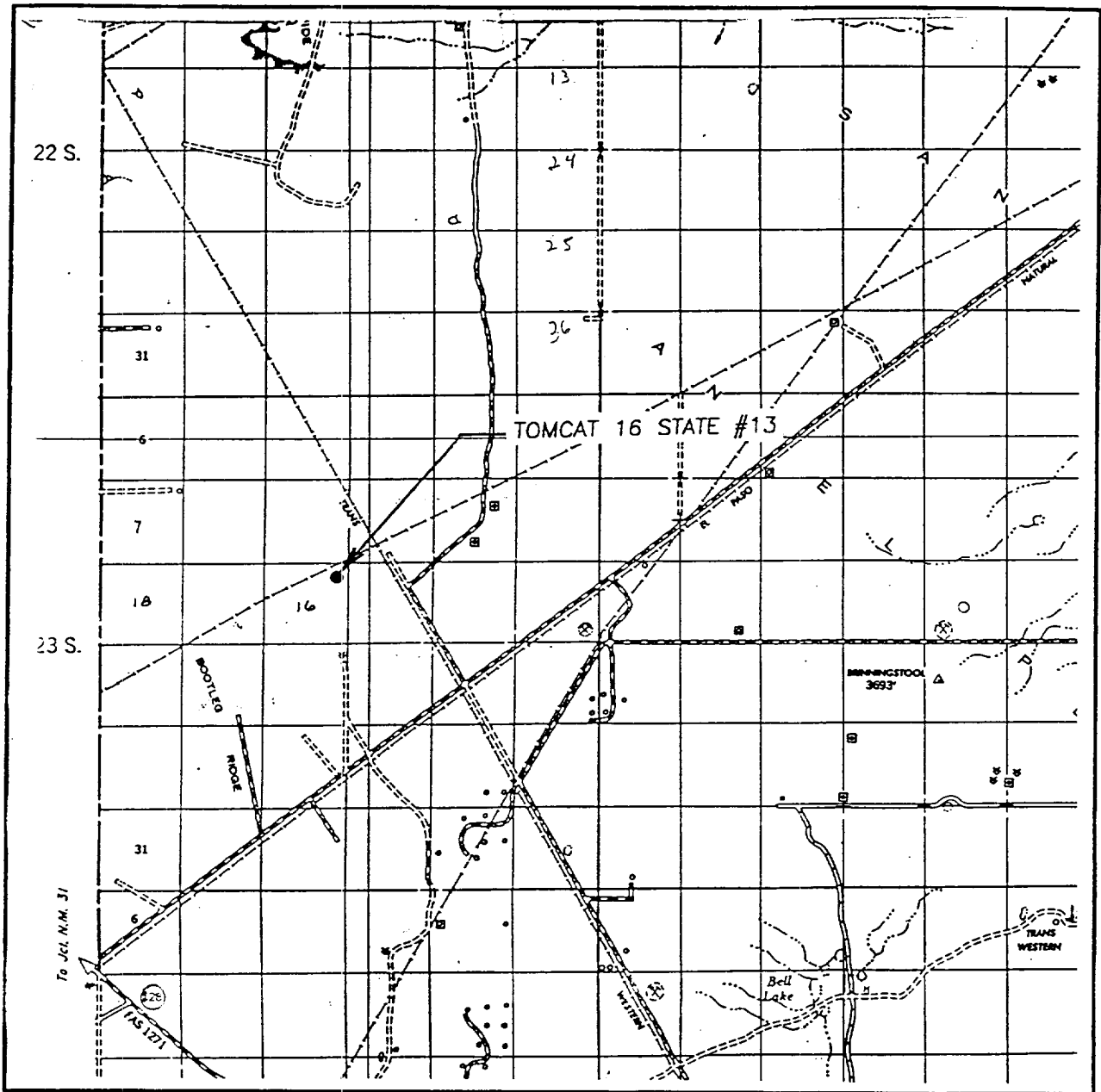
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 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 that the information contained herein is true and complete to the best of my knowledge and belief. <i>Joe T. Janica</i> Signature Joe T. Janica Printed Name Agent Title 02/14/01 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. FEBRUARY 07, 2001 Date Surveyed Signature & Seal of Professional Surveyor <i>Ronald J. Edson</i> 02/13/01 01-11-0171 Certificate No. RONALD J. EDSON 3239 GARY EDSON 12541

VICINITY MAP



SCALE: 1" = 2 MILES

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

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 660'FNL & 660'FEL

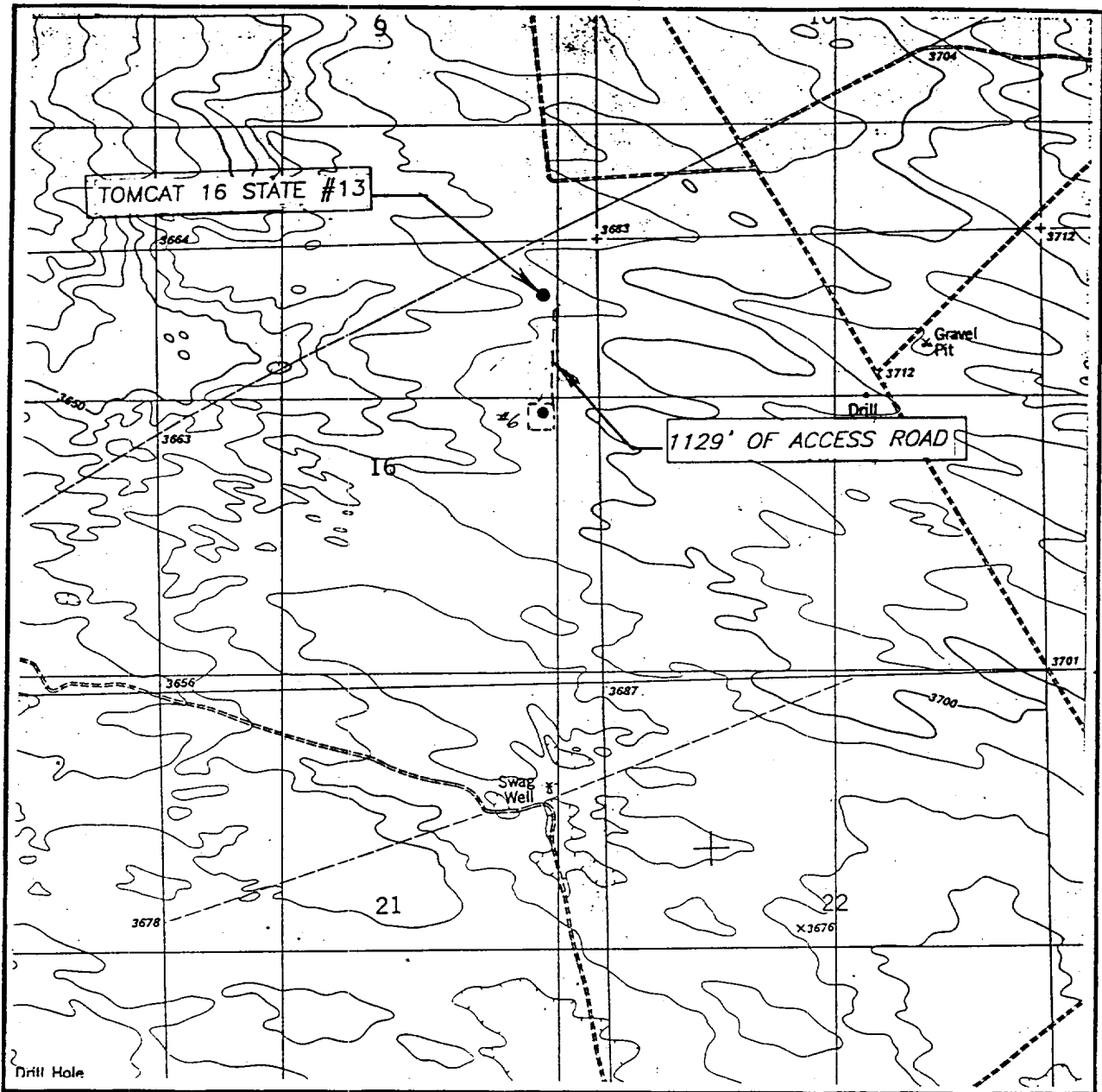
ELEVATION 3684'

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: 20'

BOOTLEG RIDGE, N.M.

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

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 660'FNL & 660'FEL

ELEVATION 3684'

OPERATOR CONCHO RESOURCES, INC.

LEASE TOMCAT 16 STATE

U.S.G.S. TOPOGRAPHIC MAP

BOOTLEG RIDGE, N.M.

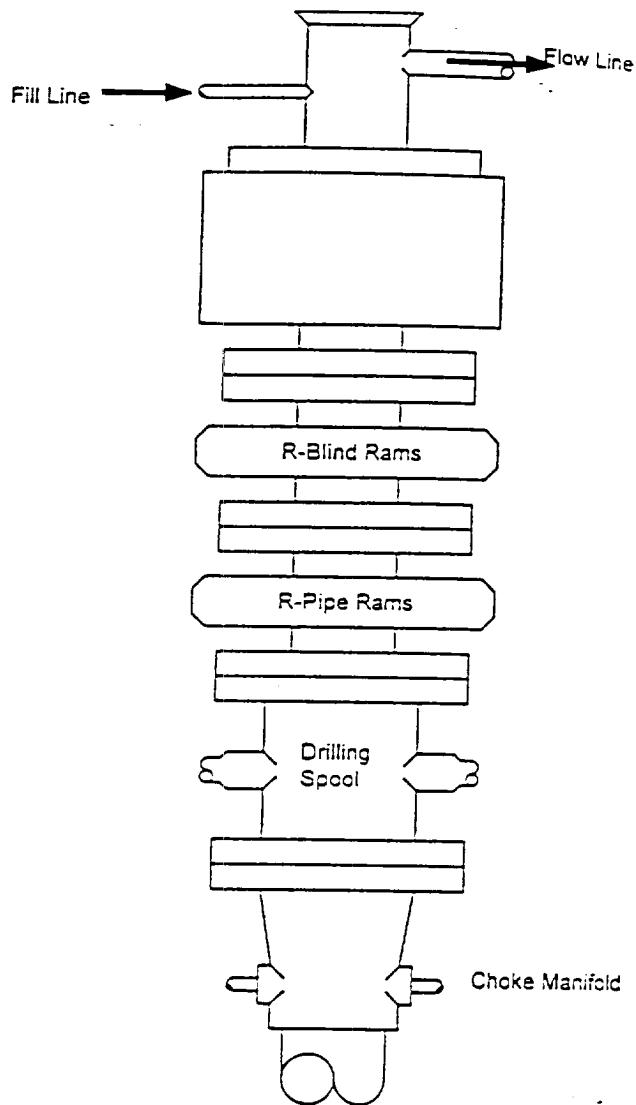
JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505) 393-3117

ABOVE DATE DOES NOT
INDICATE WHEN
CONFIDENTIAL LOGS
WILL BE RELEASED

ELF

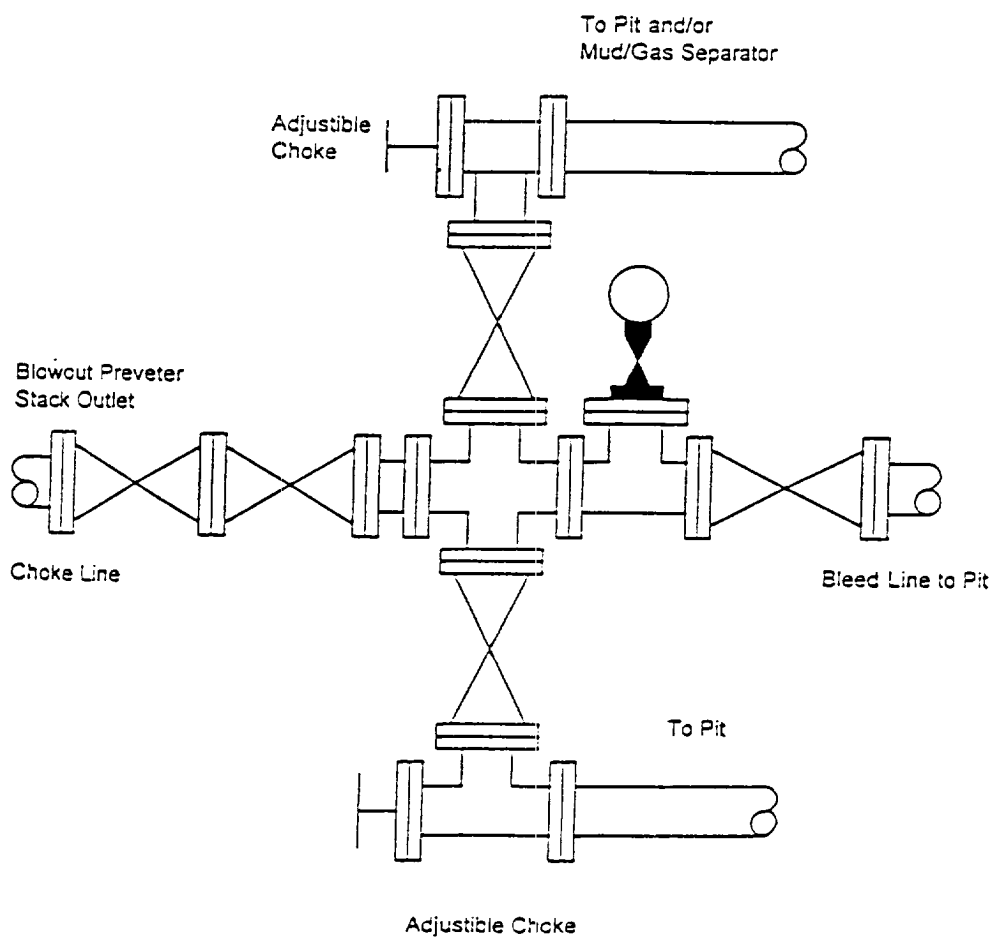
7/2/01

BLOWOUT PREVENTER SYSTEM



Type 900 Series
3000 psi WP.

Choke Manifold Assembly for 3M WP System



ELF
7/19/01
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INDICATE WHEN
CONFIDENTIAL LOGS
WILL BE RELEASED

