

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

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
Revised March 17, 1999

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

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 79702		² OGRID Number 166111
		³ API Number 30-041-20889
⁴ Property Code 25789	⁵ Property Name STARR	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	County
A	31	6S	37E		660'	NORTH	660'	EAST	Roosevelt

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 WILDCAT					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary ROTARY	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 4053'
¹⁶ Multiple No	¹⁷ Proposed Depth 8000'	¹⁸ Formation Penn	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"	Conductor	40'	Redi-mix	Surface
17½"	13 3/8"	48	350'	400 Sx.	Surface
11"	8 5/8"	24 & 32	3600'	1000 Sx.	Surface
7 7/8"	5½"	15.5 & 17	8000'	350 Sx.	6000'

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 350'. Run and set 350' of 13 3/8" 48# H-40 ST&C casing. Cement with 400 Sx. of Class "C" cement + additives, circulate cement to surface.
3. Drill 11" hole to 3600'. Run and set 3600' of 8 5/8" 32 & 24# J-55 ST&C casing. Cement with 1000 Sx. of Class "C" cement + additives, circulate cement to surface.
4. Drill 7 7/8" hole to 8000'. Run and set 8000' of 5½" 15.5 & 17 # LT&C casing. Cement with 350 Sx. of Class "H" Premium cement + additives, estimate top of cement 6000'.

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: <i>Joe T. Janica</i> Printed name: Joe T. Janica Title: Agent Date: 01/04/00		OIL CONSERVATION DIVISION Approved by: <i>ORIGINAL SIGNED BY</i> Title: <i>PERMIT AGENT</i> Approval Date: JAN 05 2000 Expiration Date: Conditions of Approval: Attached ☐	
Phone: 505-391-8503			

DISTRICT I
F.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 100, Artesia, NM 86211-0710

DISTRICT III
1000 Rio Brason Rd., Artes, NM 87410

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-041-20889	Pool Code ✓	Pool Name WILDCAT
Property Code 25189	Property Name STARR	Well Number 1
OGED No. 166111	Operator Name CONCHO RESOURCES, INC.	Elevation 4053

Surface Location

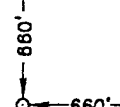
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	31	6 S	37E		660	NORTH	660	EAST	ROOSEVELT

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	Joint or Infill	Consolidation Code	Order No.						
320									

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

LOT 1			
35.99 ACRES LOT 2			
36.02 ACRES LOT 3			
36.04 ACRES LOT 4			
36.07 ACRES			



860'
660'

OPERATOR CERTIFICATION

I hereby certify the information contained herein is true and complete to the best of my knowledge and belief.

[Signature]
Signature

Joe T. Janica
Printed Name

Agent
Title

01/04/00
Date

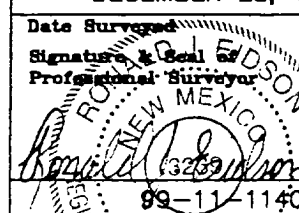
SURVEYOR CERTIFICATION

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 28, 1999

Date Surveyed _____ LMP

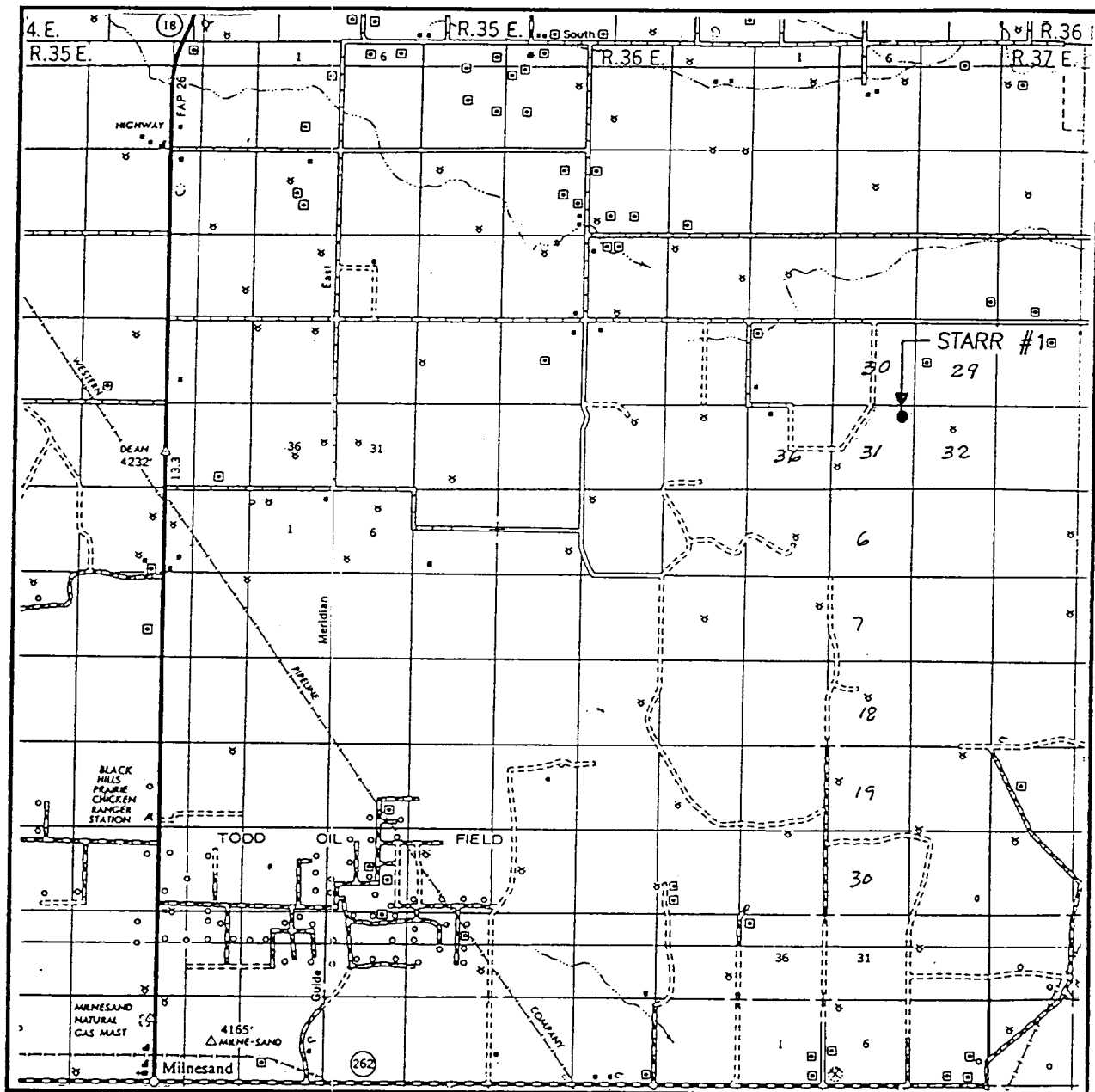
Signature & Seal of Professional Surveyor _____



12/30/99

Certificator No. RONALD J. EDSON 3239
GARY EIDSON 12641
MADON McDONALD 12165

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 31 TWP. 6-S RGE. 37-E

SURVEY N.M.P.M.

COUNTY ROOSEVELT

DESCRIPTION 660' FNL & 660' FEL

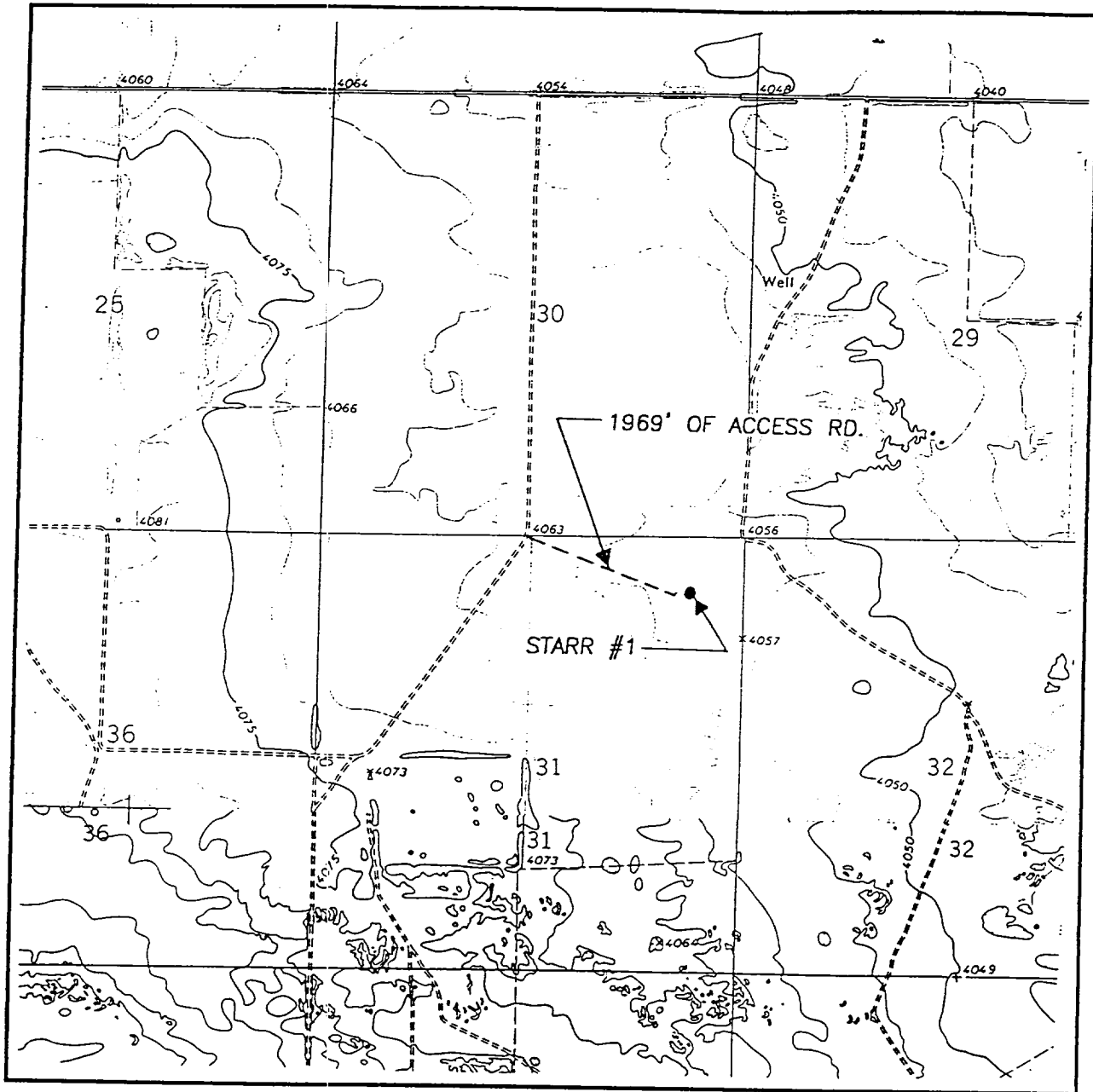
ELEVATION 4053

OPERATOR CONCHO RESOURCES, INC.

LEASE STARR

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

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
BLUIT, N.M. - 5'
GARRISON, N.M. - 5'

SEC. 31 TWP. 6-S RGE. 37-E

SURVEY N.M.P.M.

COUNTY ROOSEVELT

DESCRIPTION 660' FNL & 660' FEL

ELEVATION 4053

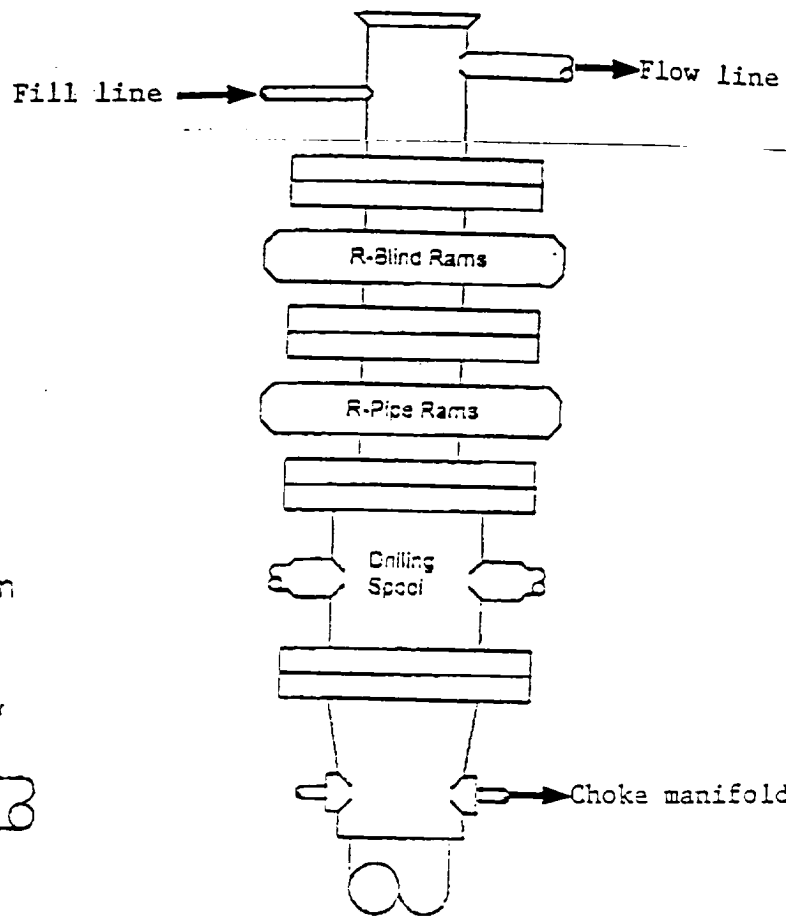
OPERATOR CONCHO RESOURCES, INC.

LEASE STARR

U.S.G.S. TOPOGRAPHIC MAP
BLUIT & GARRISON, N.M.

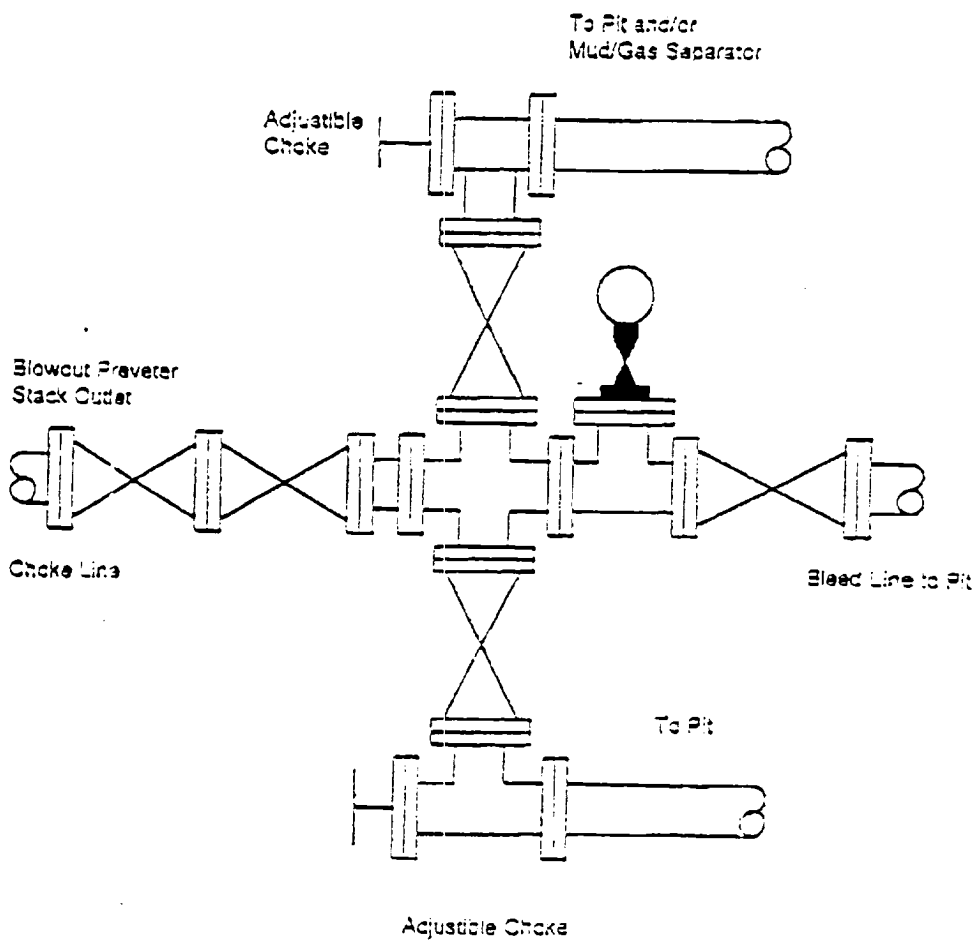
JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505 393-3117)

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

ELF