

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, N
District III
1000 Rio Brazos Road, Aztec, NM
District IV
1220 S. St. Francis Dr., Santa Fe, N

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
Submitted March 17, 1999
Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

**NOTIFY OCD SPUD & TIME
TO WITNESS 9 5/8" CASING**

1 Division
Francis Dr.
87505

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUG BACK, OR ADD A ZONE

¹ Operator Name and Address Ricks Exploration, Inc. 110 W. Louisiana, Suite 410 Midland, TX 79701		² GRID Number 168489
³ Property Code 30565	⁵ Property Name State "IE" Com.	³ API Number 30-015-32559
		⁶ Well No. 3

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
D	16	22S	26E		829	NORTH	363	WEST	EDDY

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
D	16	22S	26E		829	NORTH	363	WEST	EDDY
⁹ Proposed Pool 1 Happy Valley; Morrow Gas					⁹ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3542'
¹⁶ Multiple No	¹⁷ Proposed Depth 12,100	¹⁸ Formation MORROW	¹⁹ Contractor UNKNOWN	²⁰ Spud Date ASAP

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
17-1/2"	13-3/8"	48#	750	600	Surface
12-1/4"	9-5/8"	40#	2600'	800	Surface
8-3/4"	5-1/2"	17#	11,900'	1050	7000' from surf

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 pipe & redi-mix to surface.
2. Drill 17-1/2" hole to 750'. Set @ 750', 13-3/8" 48# H-40 ST&C csg & cmt to surf w/ 600 sx Cl C + additives.
3. Drill 12-1/4" hole to 2600'. Run & set 2600' 9-5/8" 40# S-80 & J-55 ST&C csg. Cmt w/ 600 sx of Cl C + additives, tailed w/ 200 sx Cl C cmt + 2% CaCl + additives. Circ cmt to surface.

R-4819

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

Signature: *Kim Stewart*

Printed name: Kim Stewart

Title: Regulatory Analyst

Date: 11/05/02
Phone: 915/ 683-7443

OIL CONSERVATION DIVISION

Approved by: **ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR**

Title:

Approval Date: **DEC 30 2002** Expiration Date: **DEC 30 2003**

Conditions of Approval:

Attached ☐

**Cement to cover all oil, gas and
water bearing zones.**

4. Drill 8-3/4" hole to 11,900'. Set 5-1/2" 17# N-80, S-95, LT&C . Cmt w/ 550 sx of Cl H + additives, tailed w/ 500 sx Cl H + additives. Est TOC 7000' from surface.

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 2088, SANTA FE, N.M. 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code 78060	Pool Name HAPPY VALLEY; MORROW GAS
Property Code	Property Name STATE "IE" COM	Well Number 3
GRID No. 168489	Operator Name RICKS EXPLORATION, INC.	Elevation 3542'

Surface Location

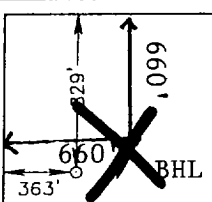
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	16	22-S	26-E		829	NORTH	363	WEST	EDDY

Bottom Hole Location If Different From Surface

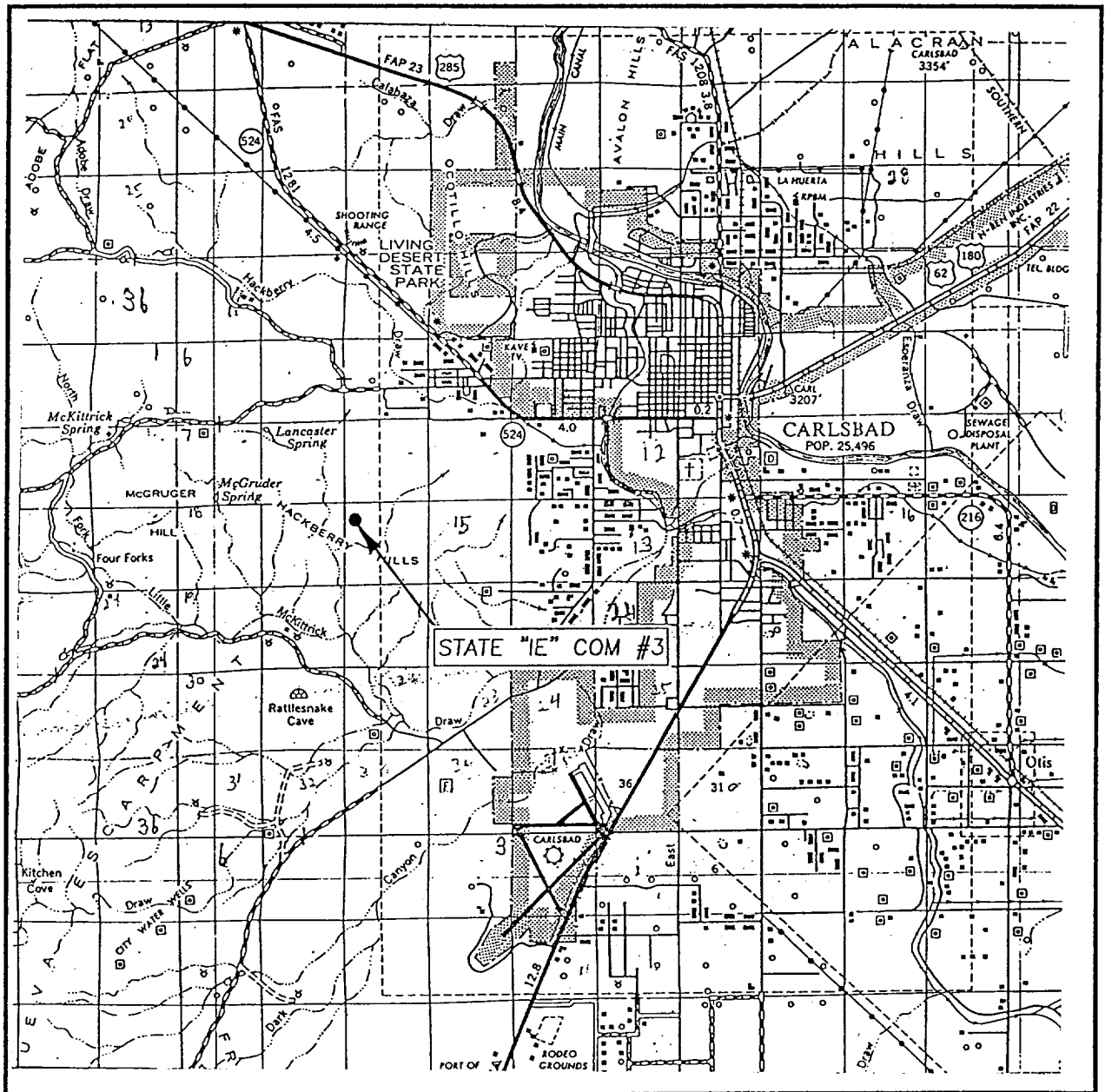
UL or lot No. D	Section 16	Township 22S	Range 26E	Lot Idn	Feet from the 650	North/South line NORTH	Feet from the 650	East/West line WEST	County EDDY
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Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No. 829	363
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<p style="text-align: center;">GEODETTIC COORDINATES</p> <p style="text-align: center;">NAD 27 NMEZ Y=508204.8 X=508827.7 LAT. 32°23'49.80"N LONG. 104°18'17.04"W</p>
<div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center;">OPERATOR CERTIFICATION</p> <p><i>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p style="text-align: right;"><u><i>Kim Stewart</i></u> Signature</p> <p style="text-align: right;"><u>KIM STEWART</u> Printed Name</p> <p style="text-align: right;"><u>REGULATORY ANALYST</u> Title</p> <p style="text-align: right;"><u>11-05-02</u> Date</p> </div>	
<div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center;">SURVEYOR CERTIFICATION</p> <p><i>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.</i></p> <p style="text-align: right;">JULY 31, 2002</p> <p style="text-align: right;">Date Surveyed AWB</p> <p style="text-align: right;">Signature & Seal of Professional Surveyor</p> <p style="text-align: right;"><u><i>Gary Eidson</i></u> <u>8/6/02</u></p> <p style="text-align: right;">02.11.0547</p> <p style="text-align: right;">Certificate No. RONALD J. EIDSON 3239 GARY EIDSON 12641</p> </div>	

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 16 TWP. 22-S RGE. 26-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 829' FNL & 363' FWL

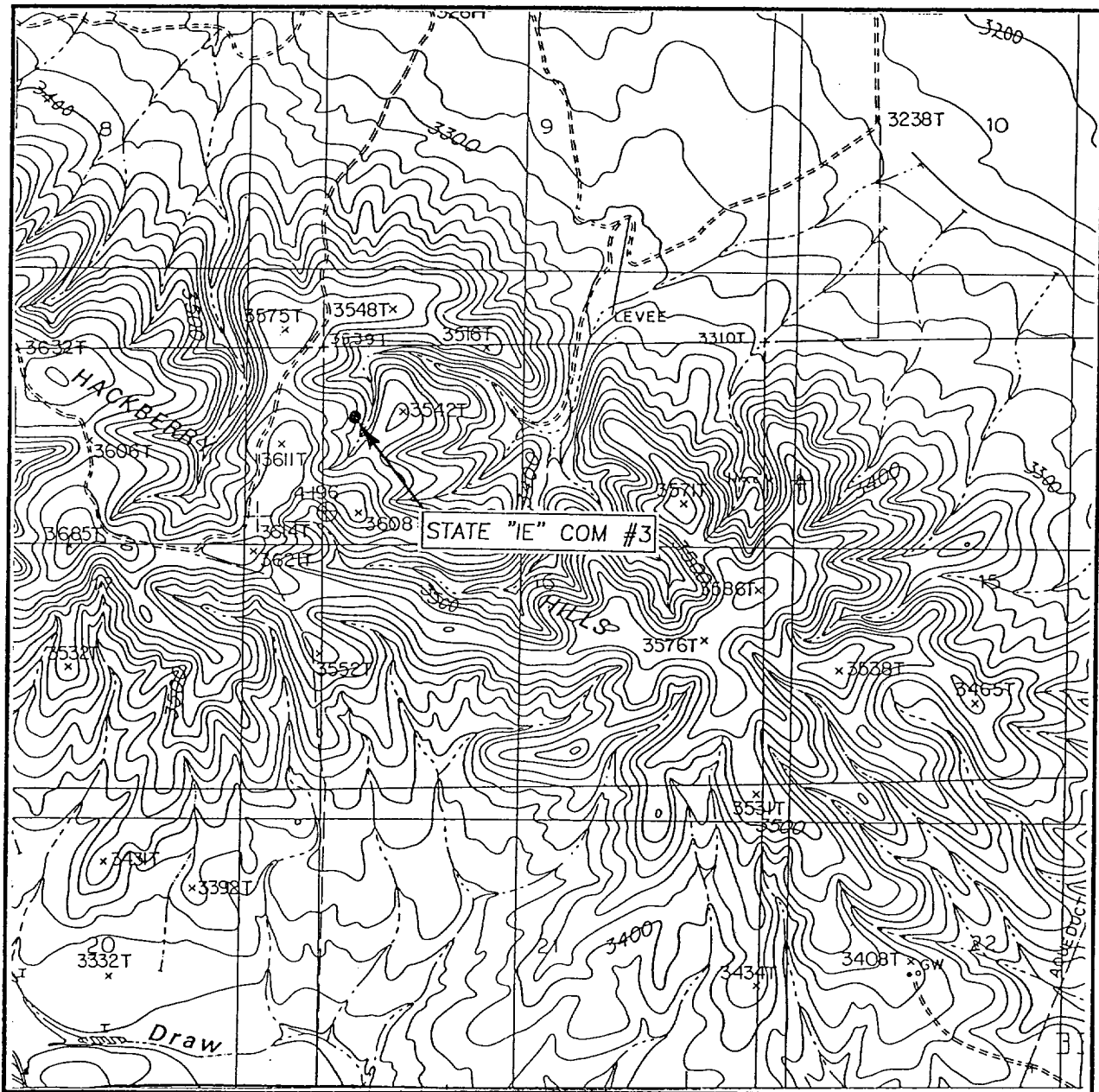
ELEVATION 3542'

OPERATOR CONCHO OIL & GAS CORPORATION

LEASE STATE "IE" COM

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

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: 20'

CARLSBAD WEST, N.M.

SEC. 16 TWP. 22-S RGE. 26-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 829' FNL & 363' FWL

ELEVATION 3542'

OPERATOR CONCHO OIL & GAS CORPORATION

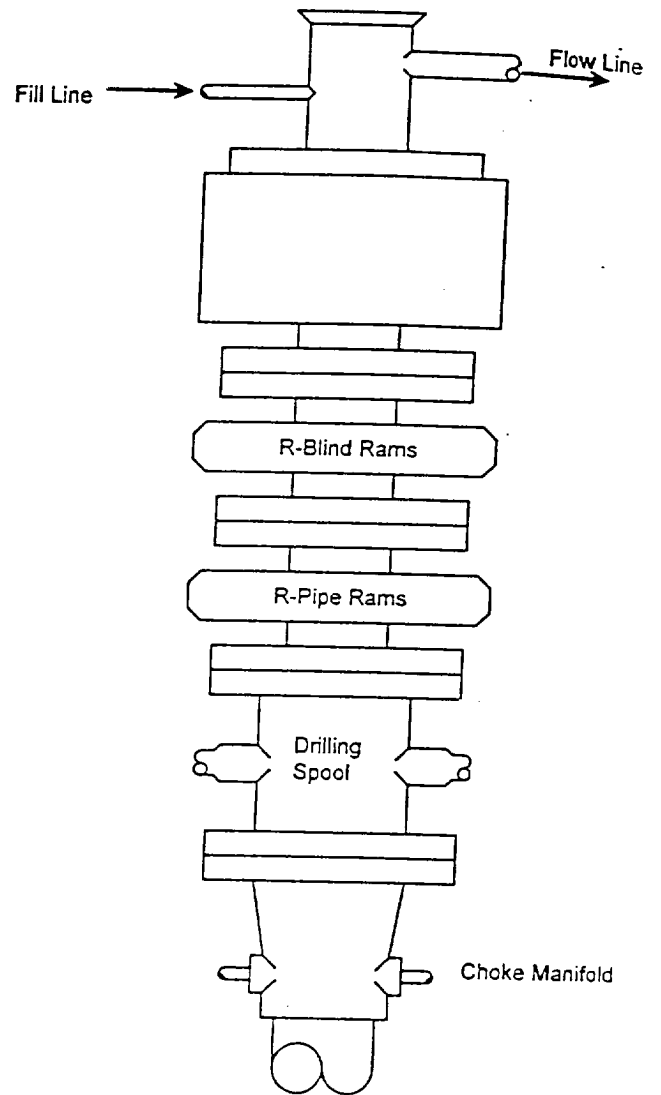
LEASE STATE "IE" COM

U.S.G.L.O. TOPOGRAPHIC MAP

CARLSBAD WEST, N.M.

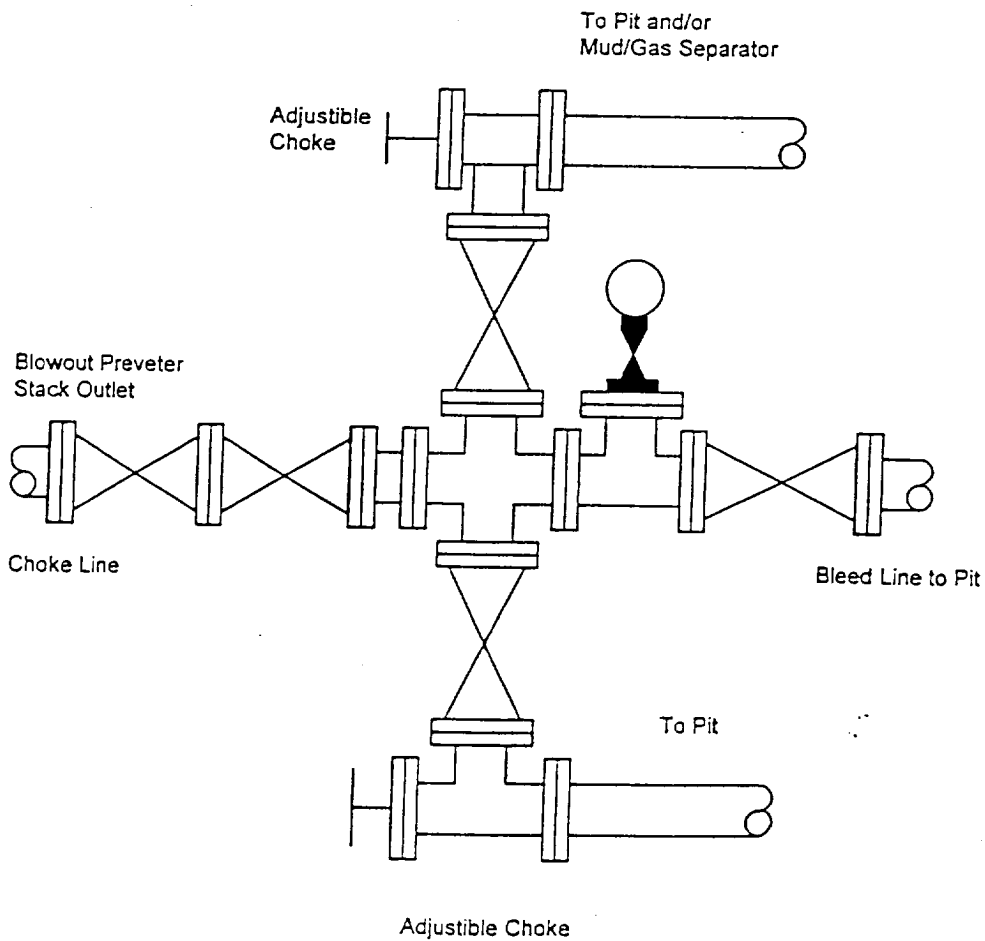
JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505) 393-3117

5000 PSI



Type 1500 SERIES
5000 psi WP

Choke Manifold Assembly for 5M WP System



State "IE" Com #3
Sec.16-T22S-R26E
829' FNL & 363' FWL
Eddy County NM
11,900' Morrow Well

Mud Program

17 1/2" Hole to 750' w/ fresh water spud mud, paper for seepage. Mud wt 8.4-8.8 ppg. Vis 28-32

12 1/4" hole to 2600' w/ fresh water, lime, gel and paper for seepage. Mud wt 8.4-8.8 ppg. Vis 28-32

8 3/4" hole to 11900' w/ cut brine, XCD polymer, starch and paper for seepage. Mud wt 8.4-10.5 ppg.
Vis 28-40