

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II **XX**  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Form C-101  
Revised March 17, 1999

Oil Conservation Division  
1220 South St. Francis Dr.  
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, PLUG BACK, OR ADD A ZONE**

<sup>1</sup> Operator Name and Address <b>Newfield Exploration MC Inc. 110 West 7<sup>th</sup> Street, Suite 1300 Tulsa, OK 74119</b>		<sup>2</sup> GRID Number <b>193805</b>
<sup>3</sup> Property Code <b>30559</b>	<sup>5</sup> Property Name <b>South Carlsbad Com.</b>	<sup>4</sup> API Number <b>30-015-32452</b>

**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
<b>F</b>	<b>27</b>	<b>23-S</b>	<b>26-E</b>		<b>2,018'</b>	<b>North</b>	<b>1,692'</b>	<b>West</b>	<b>Eddy</b>

**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

<sup>9</sup> Proposed Pool 1 <b>Bones Springs</b>	<sup>10</sup> Proposed Pool 2
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<sup>11</sup> Work Type Code <b>N</b>	<sup>12</sup> Well Type Code <b>X O</b>	<sup>13</sup> Cable/Rotary <b>Rotary</b>	<sup>14</sup> Lease Type Code <b>L-1048 State</b>	<sup>15</sup> Ground Level Elevation <b>3,302'</b>
<sup>16</sup> Multiple <b>N</b>	<sup>17</sup> Proposed Depth <b>6,000'</b>	<sup>18</sup> Formation <b>Bones Springs</b>	<sup>19</sup> Contractor <b>yet to be decided</b>	<sup>20</sup> Spud Date <b>10-14-02</b>

**21 Proposed Casing and Cement Program**

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
<b>24"</b>	<b>20"</b>	<b>94</b>	<b>80'</b>	<b>120</b>	<b>Surface</b>
<b>17 1/2"</b>	<b>13 3/8"</b>	<b>48</b>	<b>500'</b>	<b>460</b>	<b>Surface</b>
<b>12 1/4"</b>	<b>8 5/8"</b>	<b>32</b>	<b>2,000'</b>	<b>685</b>	<b>Surface</b>
<b>7 7/8"</b>	<b>5 1/2"</b>	<b>17</b>	<b>6,000'</b>	<b>300</b>	<b>4,500'</b>

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. **Set a 20" conductor @ 80'. Drill a 17 1/4" hole w/ a 8.9# spud mud. Cement w/ 460 sk s Class "C" + 2% CaCl to surface. Drill a 12 1/4" hole to 2000' w/ a 9.5# Brine water. Cement w/ 685 sks Class "C" + 2% CaCl to surface. Drill a 7 7/8" hole to 6000' w/ a 8.6# brine water. Cement w/ 300 sks Class "H" to 4,500'. Perforate and test the Bones Springs formation. Acid frac the Bones Springs w/ +/- 3,000 gals 15% HCL.**

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

Signature: *James B. Lollar*  
Printed name: **James B. Lollar**

Title: **Drilling Engineer**

Date:  
**September 17, 2002**

Phone:  
**918-582-2690**

OIL CONSERVATION DIVISION

Approved by:

**ORIGINAL SIGNED BY TIM W. GUM  
DISTRICT II SUPERVISOR**

Title:

Approval Date: **SEP 25 2002**

Expiration Date: **SEP 25 2003**

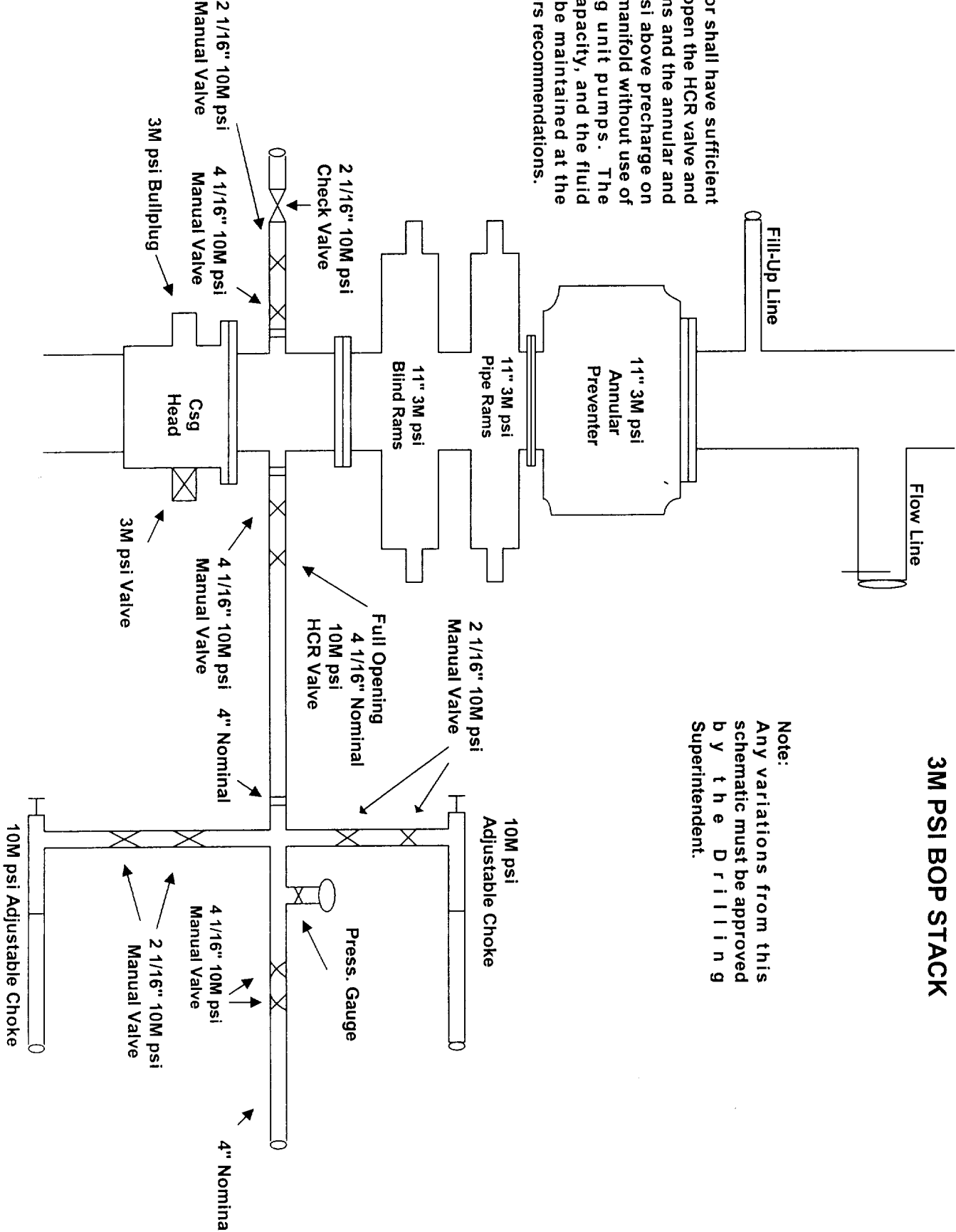
Conditions of Approval:

Attached ☐

# **BOP REQUIREMENTS** **3M PSI BOP STACK**

**Note:**  
Any variations from this schematic must be approved by the Drilling Superintendent.

\*Accumulator shall have sufficient capacity to open the HCR valve and close all rams and the annular and retain 200 psi above precharge on the closing manifold without use of the closing unit pumps. The reservoir capacity, and the fluid level shall be maintained at the manufacturers recommendations.



## 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 I

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

## DISTRICT II

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

## DISTRICT III

1000 Rio Brazos Rd., Aztec, 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

## WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Name
Property Code	Property Name SOUTH CARLSBAD COM.	Well Number 8
OGRID No.	Operator Name NEWFIELD EXPLORATION MID-CONTINENT, INC	Elevation 3302'

## Surface Location

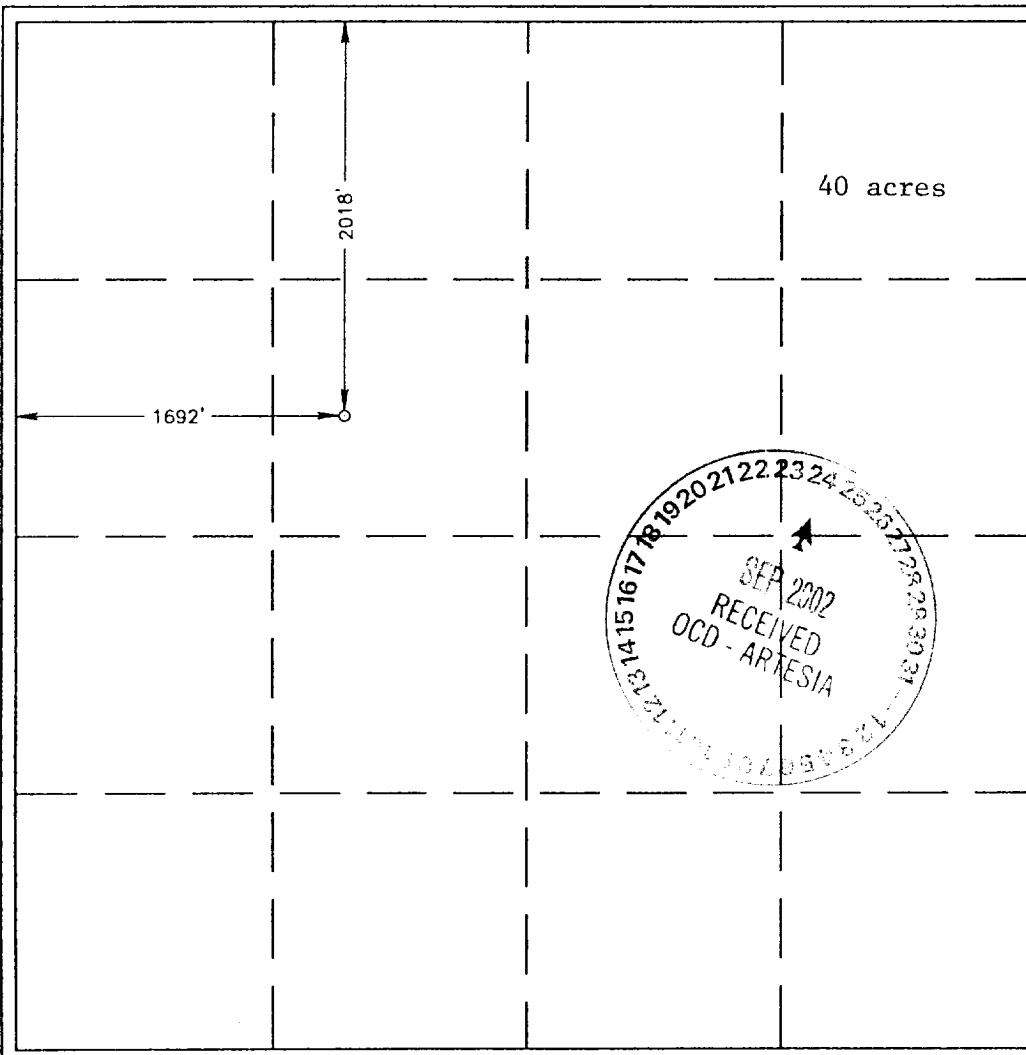
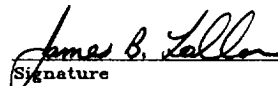
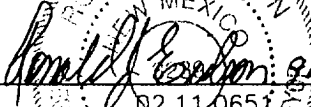
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	27	23-S	26-E		2018'	NORTH	1692'	WEST	EDDY

## Bottom Hole Location If Different From Surface

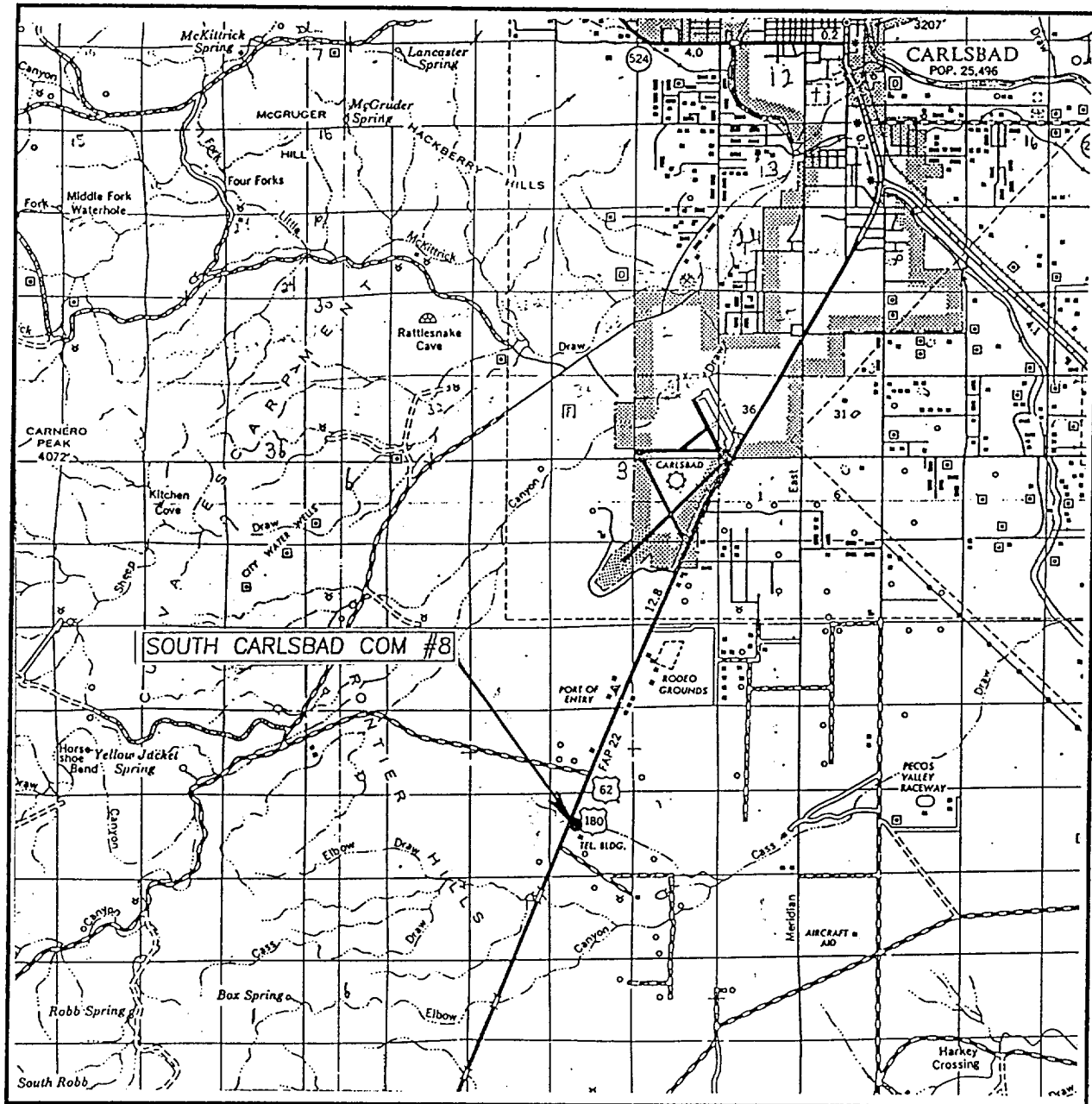
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<b>OPERATOR CERTIFICATION</b>  I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.   Signature  James B. Lollar Printed Name  Drilling Engineer Title  September 17, 2002 Date
	<b>SURVEYOR CERTIFICATION</b>  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.  SEPTEMBER 09, 2002  Date Surveyed  Signature & Seal of Professional Surveyor  Professional Surveyor  SEPTEMBER 10, 2002 02.11.0651  Certificate No. RONALD J. EDSON 3239 GARY EDSON 12641

# VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 27 TWP. 23-S RGE. 26-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 2018' FNL & 1692' FWL

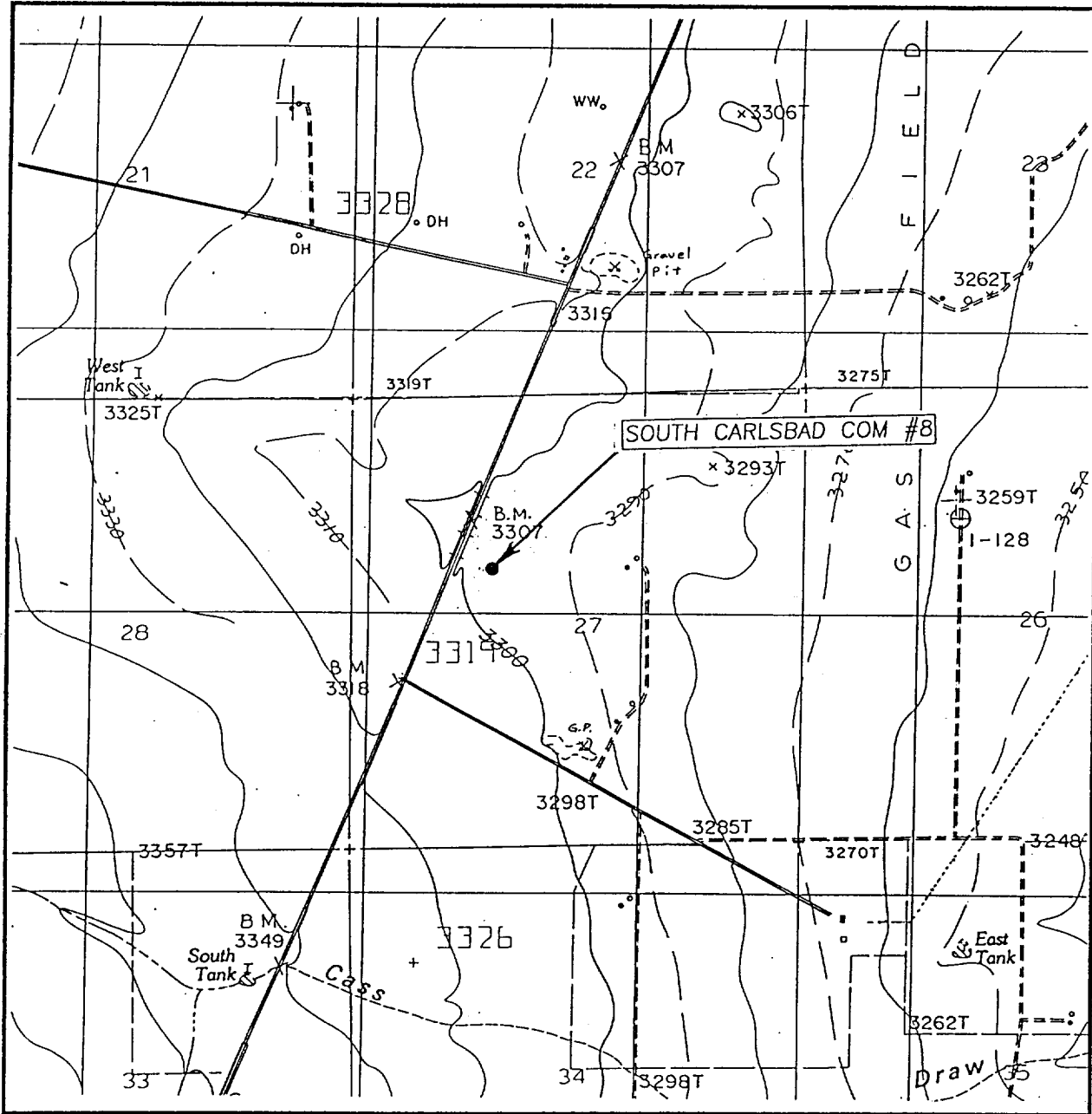
ELEVATION 3302'

OPERATOR NEWFIELD EXPLORATION MID-CONTINENT, INC (505) 393-3117

LEASE SOUTH CARLSBAD COM.

JOHN WEST SURVEYING  
HOBBS, NEW MEXICO

## LOCATION, VERIFICATION, MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: 10'

KITCHEN COVE

SEC. 27 TWP. 23-S RGE. 26-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 2018' FNL & 1692' FWL

ELEVATION 3302'

OPERATOR NEWFIELD EXPLORATION MID-CONTINENT, INC

LEASE SOUTH CARLSBAD COM.

U.S.G.S. TOPOGRAPHIC MAP  
KITCHEN COVE, N.M.

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

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