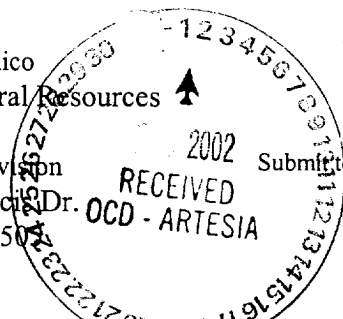


District I
1625 N. French Dr., Hobbs, NM 88240
District II **XX**
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
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

¹ Operator Name and Address Newfield Exploration MC Inc. 110 West 7th Street, Suite 1300 Tulsa, OK 74119		² OGRID Number 193805
³ Property Code 29/89	⁵ Property Name South Carlsbad	³ API Number 30 - 015 - 32190
		⁶ Well No. #6

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
F	27	23S	26E		1,976'	North	1,455'	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

⁹ Proposed Pool 1 Carlsbad Morrow South	¹⁰ Proposed Pool 2 Black River North Atoka
--	---

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary Rotary	¹⁴ Lease Type Code L-1048	¹⁵ Ground Level Elevation 3,301'
¹⁶ Multiple N	¹⁷ Proposed Depth 12,000'	¹⁸ Formation Morrow	¹⁹ Contractor Patterson - UTI	²⁰ Spud Date 3/11/02

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
24"	20"	94	80'	120	Surface
17 1/2"	13 3/8"	48	500'	460	Surface
12 1/4"	9 5/8"	40	2,000'	870	Surface
8 3/4"	5 1/2"	17	12,000'	465	9,500'

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 1/2" hole w/ a 8.9# spud mud. Cement w/ 460 sk of Class "C" + 2% CaCl to surface. Drill a 12 1/4" hole to 2000' w/ a 10# Brine water. Cement w/ 870 sx 50/50 + 4% Gel to surface. Drill a 8 3/4" hole to 9200' w/ a 9.0# cutbrine water. Drill a 7 7/8" hole to 12,000' w/ a Brine water (weight depending on pressure). Cement w/ 465 sx Class "H" to 9,500'. Perforate and test the Morrow Sand. Frac the Morrow w/ a 70Q X-link foam w/ approximately 100,000# 20/40 sand. Run 2 7/8" tbg.**

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

Signature:

Jim B. Lollar
Jim B. Lollar

Printed name:

Title: **Drilling Engineer**

Date:

January 28, 2002

Phone:

918-582-2690

OIL CONSERVATION DIVISION

Approved by:

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

Title:

Approval Date:

FEB 04 2002

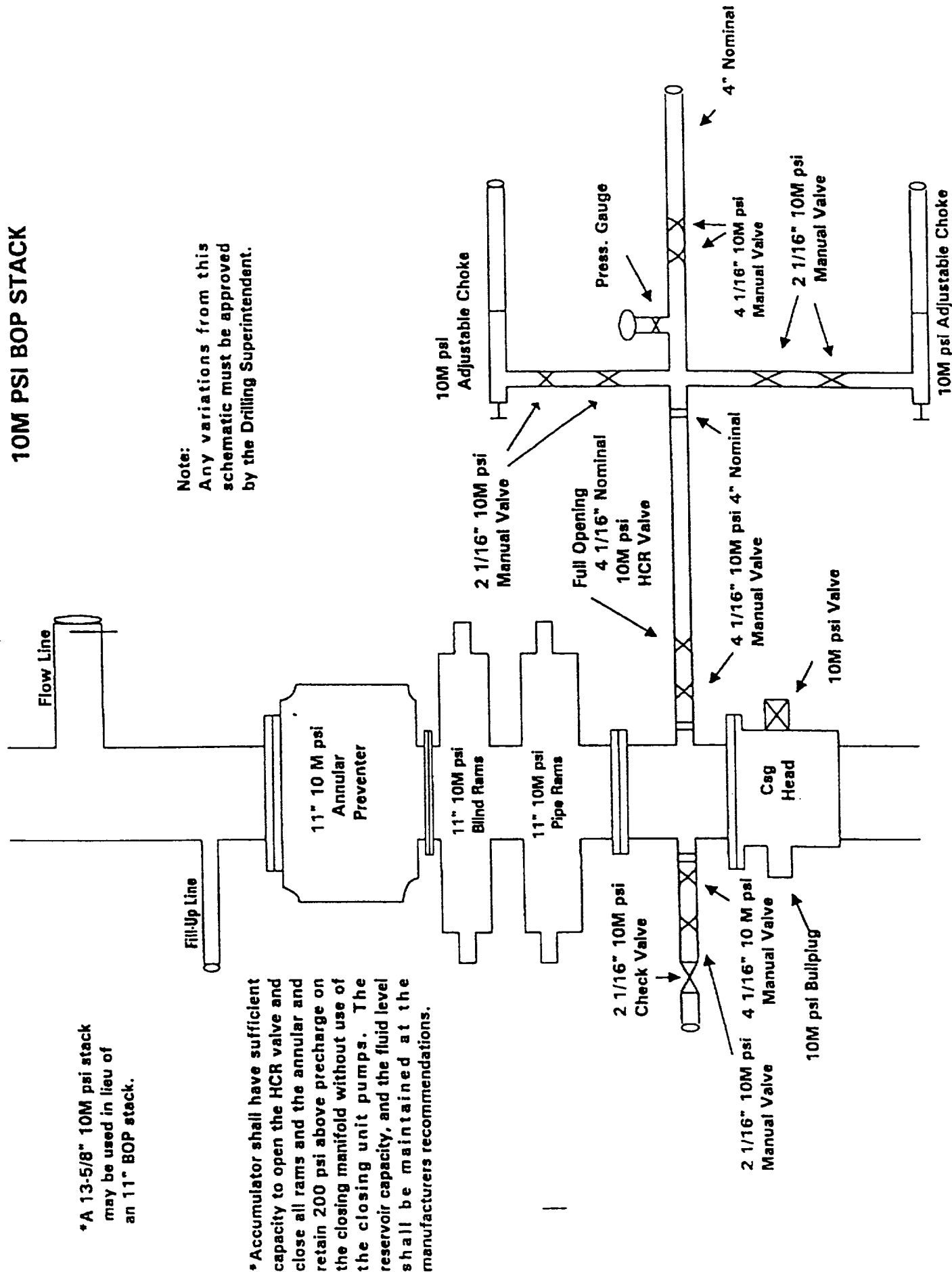
Expiration Date:

FEB 04 2003

Conditions of Approval:

Attached ☐

BOP REQUIREMENTS 10M PSI BOP STACK



*A 13-5/8" 10M psi stack may be used in lieu of an 11" BOP stack.

*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 reservoir capacity, and the fluid level shall be maintained at the manufacturers recommendations.

State of New Mexico

Energy, Minerals and Natural Resources Department

DISTRICT I

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

DISTRICT II

P.O. Box 2088, Artesia, NM 88211-0719

DISTRICT III

1000 Rio Brazos Rd., Artesia, 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

Form C-102

Revised February 10, 1994

Submit to Appropriate District Office

State Lease - 4 Copies

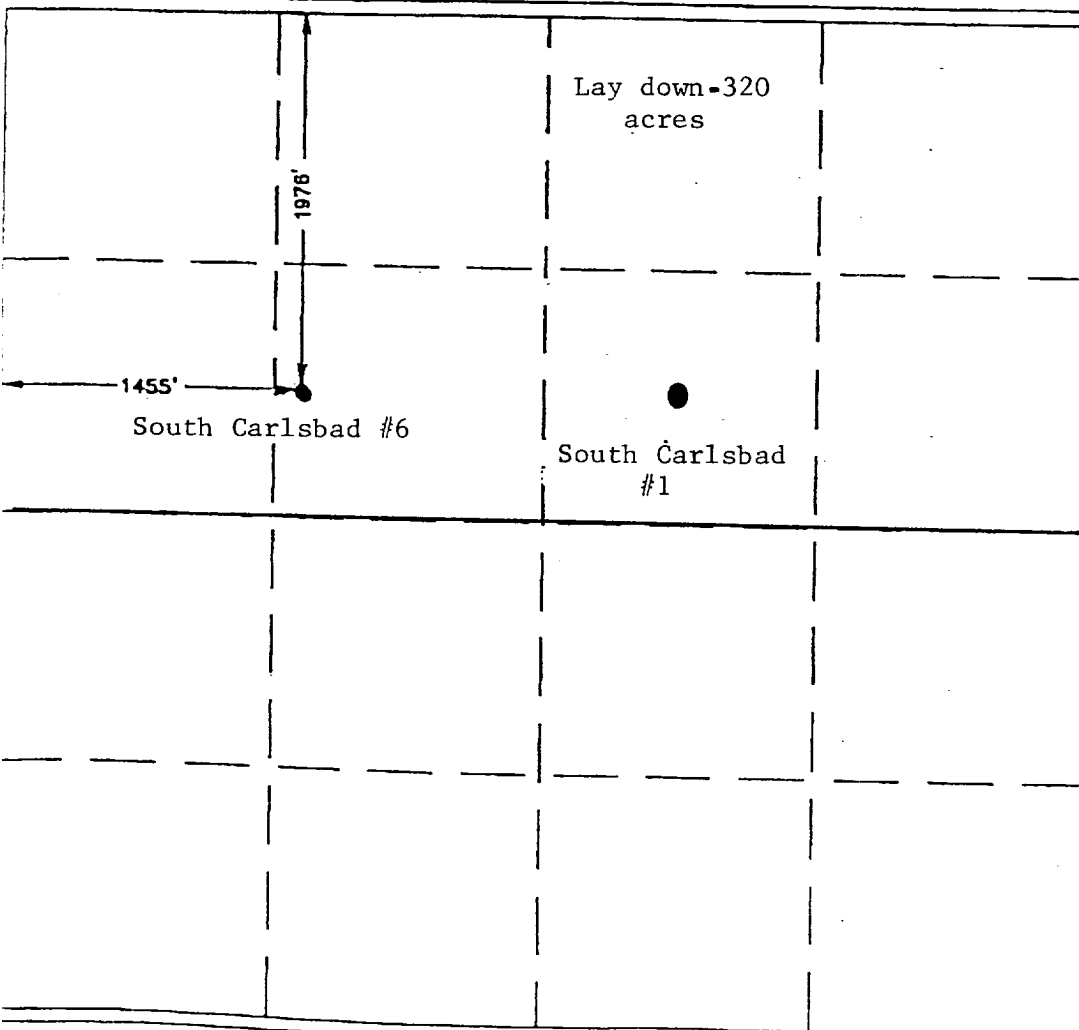
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number		Pool Code		Pool Name					
Property Code		Property Name SOUTH CARLSBAD COM.						Well Number 6	
OGRID No.		Operator Name NEWFIELD EXPLORATION MID-CONTINENT, INC						Elevation 3301'	
Surface Location									
UL or lot No. F	Section 27	Township 23-S	Range 26-E	Lot Idn	Feet from the 1976	North/South line NORTH	Feet from the 1455	East/West line WEST	County 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
Dedicated Acres		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.

Jim B. Lollar
Signature

Jim B. Lollar
Printed Name

Drilling Engineer
Title

January 28, 2002
Date

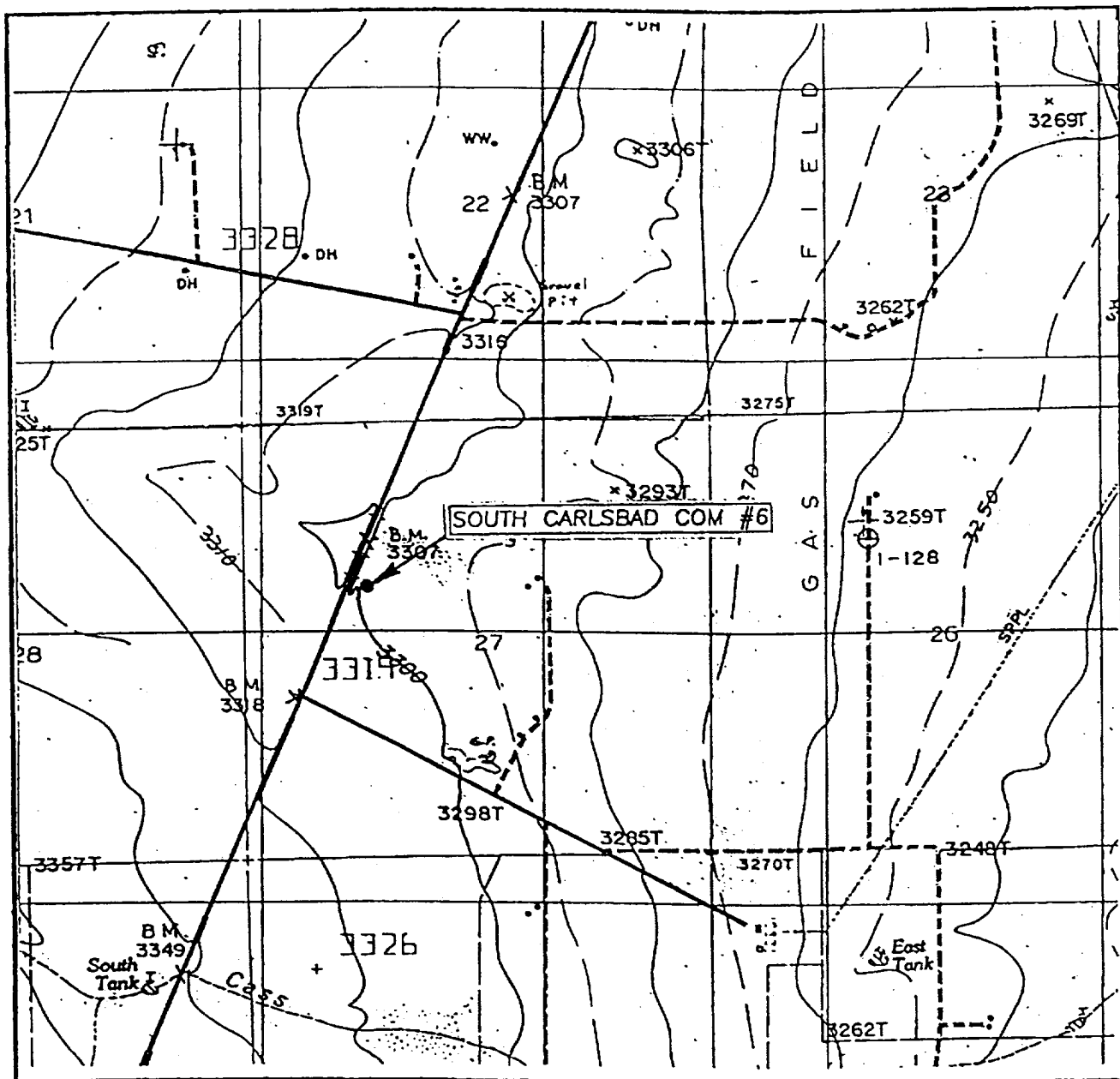
SURVEYOR CERTIFICATION

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.

JANUARY 22, 2002

Date Surveyed
Signature of Seal of Professional Surveyor
RONALD J. EIDSON
02-11-0053
Certified Professional Surveyor
3239
12641

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: 10'

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

KITCHEN COVE

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 1976' FNL & 1455' FWL

ELEVATION 3301'

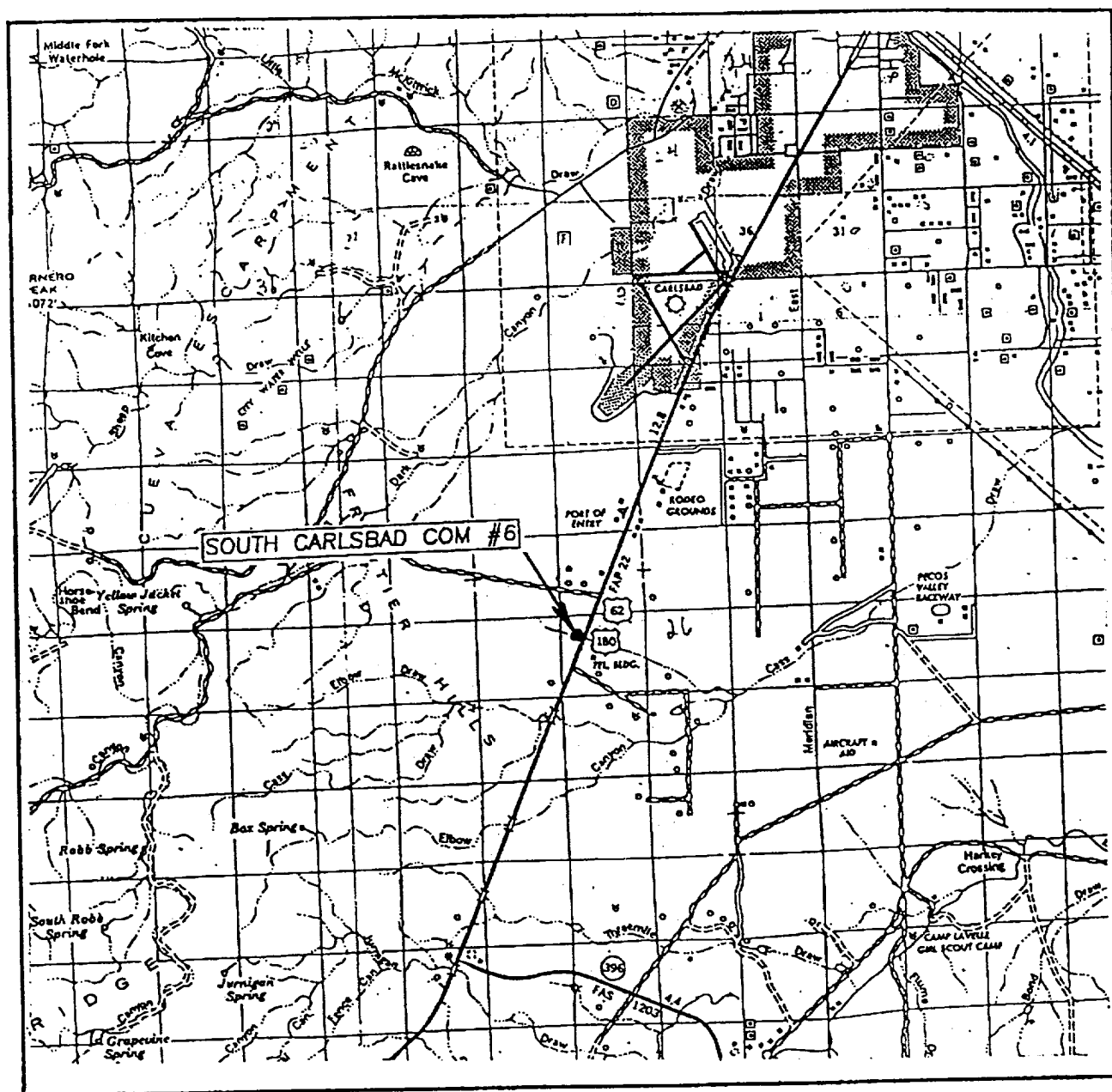
OPERATOR NEWFIELD EXPLORATION MID-CONTINENT, INC. (505) 393-3117

LEASE SOUTH CARLSBAD COM.

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

JOHN WEST SURVEYING
HOBBS, NEW MEXICO

POETRY



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

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 1976' FNL & 1455' FWL

ELEVATION 3301'

OPERATOR NEWFIELD EXPLORATION MID-CONTINENT, INC

LEASE SOUTH CARLSBAD COM.

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