

NEWFIELD



Newfield Exploration Mid-Continent Inc.

106 Panel Road

Elk City, OK 73644

P.O. Box 843

Elk City, OK 73648

580-243-4101

DATE: January 16, 2003

TO: State of New Mexico
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

FROM: Debbie Risinger
Production Analyst

RE: South Carlsbad #6



In regard to the recompletion of the above listed well, please find enclosed the following items.

Form C-107A Application for Downhole Commingling
Form C-101 Application for Permit to Drill, Re-enter, Deepen, Plugback, or Add a Zone
Wellbore Schematics for Current and Proposed Completion
Copy of Form C-102 Well Location and Acreage Dedication Plat
Production Curve for each zone.

We plan to add Atoka perforations and additional Morrow perforations to the existing wellbore. The spacing unit and acreage dedication is the same for both zones. The production estimates for the Morrow are from the existing production and the production estimates from the Atoka are from the Carlsbad #4. The Carlsbad #4 (Section 27, T23S-R26E) is a well Newfield Exploration Mid-Continent Inc. operates in the adjacent $\frac{1}{4}$ section that produces from the Atoka. The production curve for the Morrow zone is for seven months as that is the length of time from first sales for the Carlsbad #6 well and the only available data for the Morrow zone.

If you require additional information or have any questions, please contact this office at the above listed number, or you may contact Steve Gillett, Drilling Engineer at 918-582-2690 in Newfield Exploration Mid-Continent Inc.'s Tulsa, Oklahoma office.

Enclosures

Cc: State of New Mexico Oil Conservation Division District II office
Mr. Pete Martinez – Commissioner of Public Lands
Teresa Hardesty
Field Office File

District I
1625 N. French Drive Hobbs, NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107A
Revised May 15, 2000

District II
1301 W. Grand Avenue Artesia, NM 88210

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

APPLICATION TYPE
 Single Well
 Establish Pre-Approved Pools
EXISTING WELLBORE
 Yes No

District III
1009 D. Brazos Road, Aztec, NM 87410

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

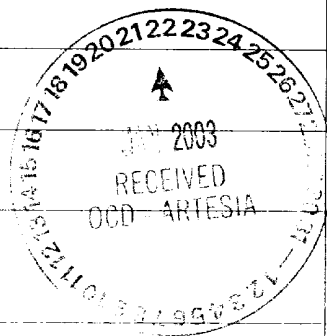
APPLICATION FOR DOWNHOLE COMMINGLING

Newfield Exploration Mid-Continent Inc., 110 West 7th. Suite 1300, Tulsa, Oklahoma 74119

Operator **SOUTH CARLSBAD** #6 Address **F SECTION 27, T23S - R26E** **EDDY COUNTY**

Lease Well No. Unit Letter-Section-Township-Range County
OGRID No 193805 Property Code 29189 API No. 30-015-32190 Lease Type: Federal State Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	BLACK RIVER NORTH ATOKA		CARLSBAD MORROW SOUTH
Pool Code	72155		73960
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	10,802' TO 10,809'		10,886' TO 11,018' 11,330' TO 11,390' 11,464' TO 11,668'
Method of Production (Flowing or Artificial Lift)	FLOWING		FLOWING
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	2290		2290
Oil Gravity or Gas BTU (Degree API or Gas BTU)	1.43686178		1.00098294
Producing, Shut-In or New Zone	NEW ZONE		PRODUCING
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: 1-13-03 Rates: 143 mcf/0 oil/0 water	Date: Rates:	Date: 1-13-03 Rates: 33mcf/0 oil/ 2 water
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil 1% Gas 99%	Oil % Gas %	Oil 1% Gas 99%



ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes No
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes No

Are all produced fluids from all commingled zones compatible with each other? Yes No

Will commingling decrease the value of production? Yes No

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application? Yes No

NMOCD Reference Case No. applicable to this well: _____

Attachments:

- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- Production curve for each zone for at least one year. (If not available, attach explanation.)
- For zones with no production history, estimated production rates and supporting data.
- Data to support allocation method or formula.
- Notification list of working, royalty and overriding royalty interests for uncommon interest cases.
- Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

- List of other orders approving downhole commingling within the proposed Pre-Approved Pools
- List of all operators within the proposed Pre-Approved Pools
- Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
- Bottomhole pressure data.

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

SIGNATURE Debbie Risinger TITLE PRODUCTION ANALYST DATE 1-16-03

TYPE OR PRINT NAME DEBBIE RISINGER TELEPHONE NO. (580) 243-4101

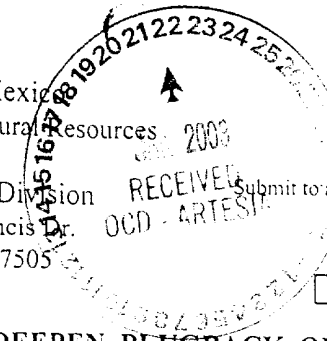
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 S. 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 MID CONTINENT INC 110 WEST 7TH, SUITE 1300, TULSA, OKLAHOMA 74119		² OGRID Number 193805
⁴ Property Code 29189		³ Property Name SOUTH CARLSBAD
		⁵ 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
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¹¹ Work Type Code A	¹² Well Type Code M	¹³ Casing Rotary	¹⁴ Lease Type Code L-1048	¹⁵ Ground Level Elevation 3,301'
¹⁶ Multiple N	¹⁷ Proposed Depth PBD 11,885'	¹⁸ Formation MORROW/ATOKA	¹⁹ Comments	²⁰ Spud Date JANUARY 2003

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17"	13 3/8"	48#	515'	452 SX	SURFACE
12 1/4"	9 5/8"	40#	2,025'	550 SX	SURFACE
7 7/8"	5 1/2"	17#	11,990'	1040 SX	4,666' BY CBL

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.

WELL IS CURRENTLY PRODUCING FROM MORROW PERFORATIONS @ 11,464' TO 11,668'. PLAN TO ADD ADDITIONAL MORROW PERFORATIONS AS FOLLOWS: 10, 886' TO 11,018' & 11,330' TO 11,390'. PLAN TO ADD ATOKA PERFORATIONS AS FOLLOWS: 10,802' TO 10,809' AND COMMINGLE BOTH ZONES.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.	OIL CONSERVATION DIVISION
Signature:	Approved by:
Printed name: DEBBIE RISINGER	Title:
Title: PRODUCTION ANALYST	Approval Date: _____ Expiration Date: _____
Date: 01/13/03	Conditions of Approval:
Phone: 580-243-4101	Attached <input type="checkbox"/>

KB: 3320.0'
DF: 3319.0'
GL: 3301.0'
Datum: 19.0' above GL

South Carlsbad # (

Steve Gillett 7/29/02
API # 30-015-32190
1980' FNL & 1320' FWL
Sec 27-T23S-R26E
Eddy Co. New Mexico

TOC @ surface
17" hole
13 3/8" 48# H-40 @ 515' w/ 452 sx

TOC @ surface
12 1/4" hole
9 3/4" 40# J-55 @ 2025' w/ 550 sx

7 3/8" hole
TOC @ 4666' by CBL

DV tool @ 7017' w/ 830 sx

TOC @ 9030' by CBL

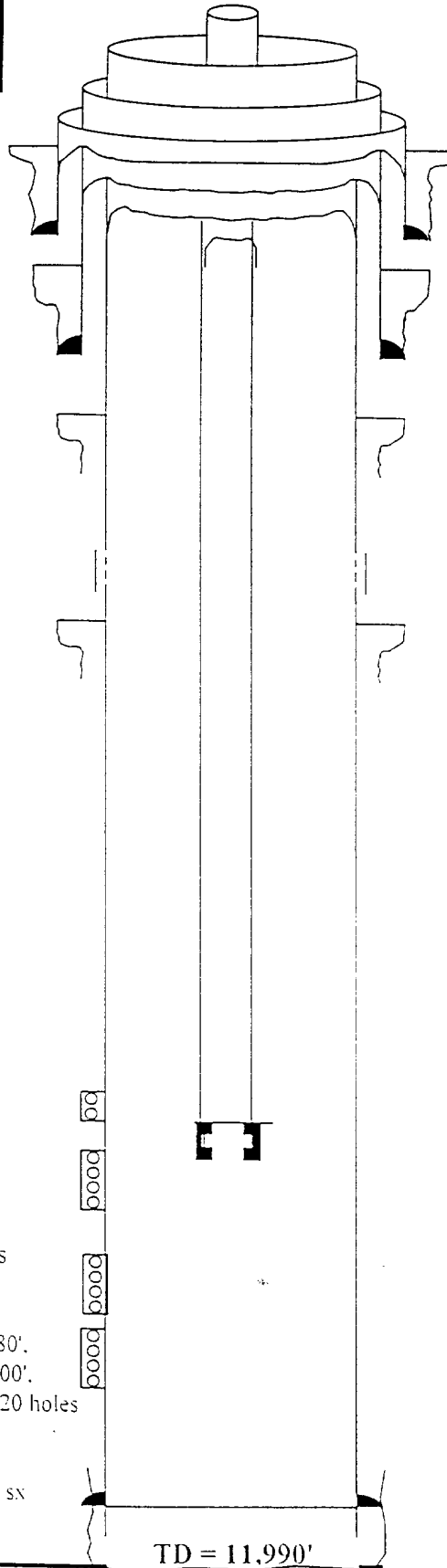
10802'-09'. 4jspf. 28 holes

10886'-92'. 10940'-46'. 92'-94'
11010'-18'. 4jspf. 88 holes

11330'-36'. 66'-90'. 4jspf. 120 holes

Morrow perfs 11464'-66'. 69'-76'. 78'-80'.
11524'-34'. 45'-49'. 53'-62'. 96'-11600'.
11603'-06'. 34'-42'. 62'-68'. 4jspf. 220 holes

PBTD = 11,885'
5 1/2" 17# P-110 HC @ 11,990' w/ 1040 sx



2 7/8" 6.5# N-80 SET @ 11,850'

On Off tool w 2.313" X nipple
4' sub w WL re-entry guide

TD = 11,990'

Handwritten signature or initials

Current Completion

KB: 3320.0'
DF: 3319.0'
GL: 3301.0'
Datum: 19.0' above GL

South Carlsbad # 6

Steve Gillett 7/29/02

API # 30-015-32190

1980' FNL & 1320' FWL

Sec 27-T23S-R26E

Eddy Co. New Mexico

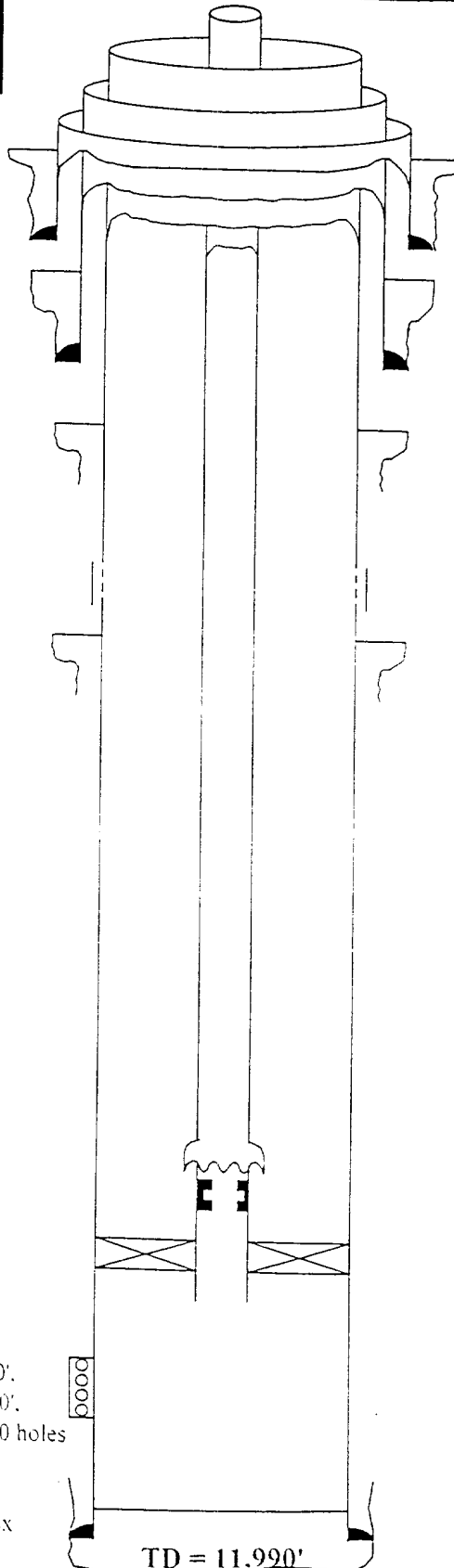
TOC @ surface
17" hole
13 1/8" 48# H-40 @ 515' w/ 452 sx

TOC @ surface
12 1/4" hole
9 1/2" 40# J-55 @ 2025' w/ 550 sx

7 7/8" hole
TOC @ 4666' by CBL

DV tool @ 7017' w/ 880 sx

TOC @ 9030' by CBL



2 7/8" 6.5# N-80

On Off tool w/ 2.313" X nipple
Baker 10K pkr @ 11,420'
4' sub w/ WL re-entry guide below pkr

Morrow perms 11464'-66', 69'-76', 78'-80',
11524'-34', 45'-49', 53'-62', 96'-11600',
11603'-06', 34'-42', 62'-68', 4jspf, 220 holes

PBTD = 11,885'
5 1/2" 17# P-110 HC @ 11,990' w/ 1040 sx

TD = 11,990'

CAPIT

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

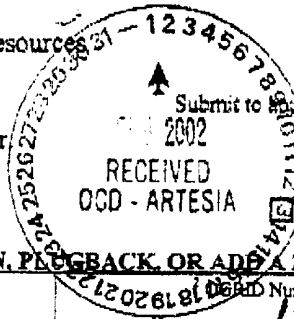
District IV

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 O-101
Revised March 1, 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 7 th Street, Suite 1300 Tulsa, OK 74119		² District Number 193805
³ Property Code 29189	⁴ Property Name South Carlsbad	⁵ API Number 30-015-32190

⁶ Well No. #6

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot / in	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 / in	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 1/2"	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 59/50 + 4% Gel to surface. Drill a 8 1/2" hole to 9200' w/ a 9.0# eatbrine 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.

²² I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Jim B. Lollar*

Printed name: **Jim B. Lollar**

Title: **Drilling Engineer**

Date: **January 28, 2002**

Phone: **918-582-2690**

OIL CONSERVATION DIVISION

Approved by: **ORIGINAL SIGNED BY TIM W. JUM**

Title: **DISTRICT II SUPERVISOR**

Approval Date: **FEB 04 2002**

Expiration Date: **FEB 04 2003**

Conditions of Approval:

Attached

State of New Mexico

Energy, Minerals and Natural Resources Department

DISTRICT I

P.O. Box 1888, Albuquerque, NM 87101-1888

DISTRICT II

A. Weaver Bldg., Artesia, NM 88211-4710

DISTRICT III

600 N. Brazos Bldg., 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

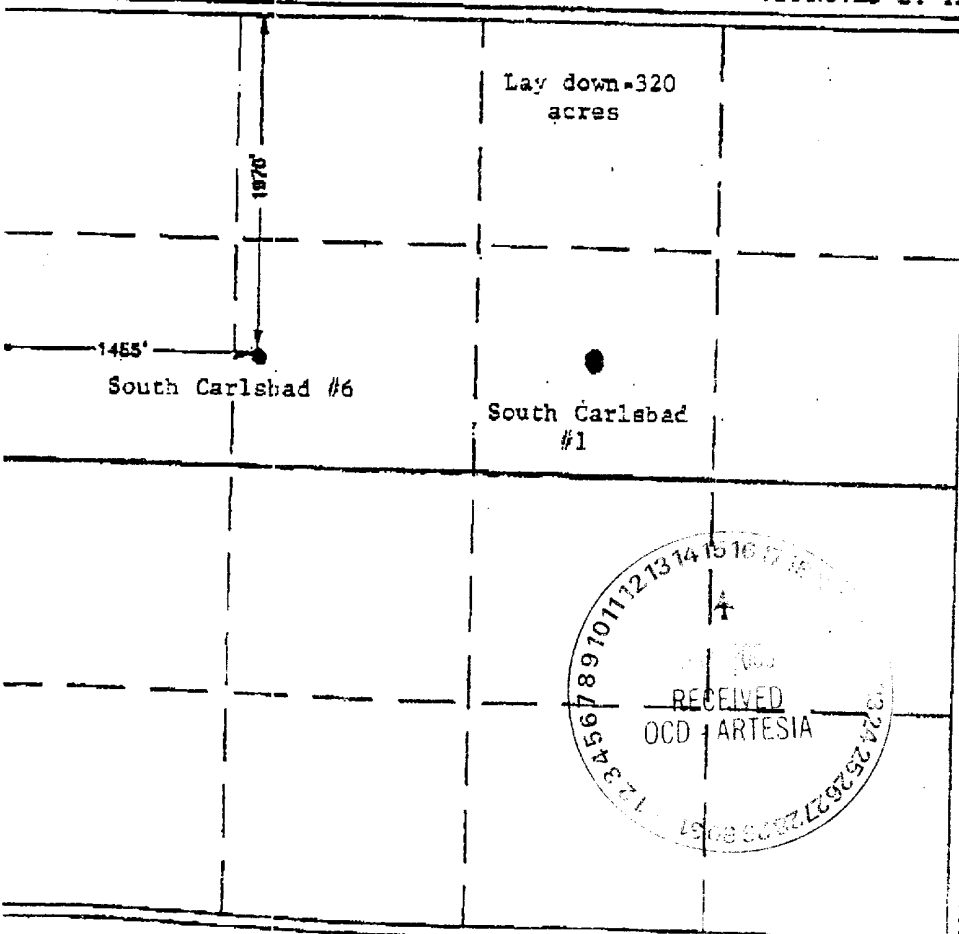
API Number	Pool Code	Pool Name
Property Code	Property Name SOUTH CARLSBAD COM.	Well Number 6
OCRD No.	Operator Name NEWFIELD EXPLORATION MID-CONTINENT, INC	Elevation 3301'

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		1976	NORTH	1455	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

Dedicated Acres	Joint or InHH	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



OPERATOR CERTIFICATION

I hereby certify that 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

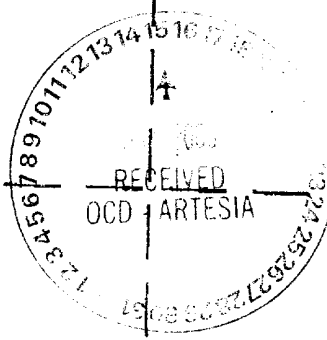
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief.

JANUARY 22, 2002
Date Surveyed

Arnold J. Edson
Signature

ARNOLD J. EDSON
Professional Surveyor
NEW MEXICO
02-11-0053
02-11-0053
Certification No.

3239
12841



Submit 3 Copies To Appropriate District Office
 District I
 1625 N. French Dr., Hobbs, NM 88240
 District II
 1301 W. Grand Avenue, Artesia, NM 88210
 District III
 1000 Rio Brazos Rd., 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-103
 Revised March 25, 1999

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

WELL API NO. 015-32190
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. 193805
7. Lease Name or Unit Agreement Name: SOUTH CARLSBAD
8. Well No. #6
9. Pool name or Wildcat CARLSBAD MORROW SOUTH

SUNDRY NOTICES AND REPORTS ON WELLS
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:
 Oil Well Gas Well Other

2. Name of Operator
 NEWFIELD EXPLORATION MID CONTINENT

3. Address of Operator
 110 WEST 7TH ST SUITE 1300, TULSA, OKLAHOMA 74119

4. Well Location
 Unit Letter F 1976 feet from the NORTH line and 1455 feet from the WEST line
 Section 27 Township 23S Range 26E NMPM EDDY County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)
 3265' GR

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

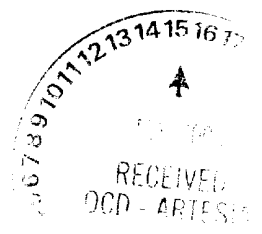
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input checked="" type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

PERFORATE AND STIMULATE ADDITIONAL MORROW ZONES. COMMINGLE ALL MORROW ZONES.

Proposed I 11330'-36', 66'-90', 4jspf, 120 holes
 Proposed II 10886'-92', 10940'-46', 92'-94', 11010'-18', 4jspf, 88 holes
 Proposed III 10802'-09', 4jspf, 28 holes

WORK TO BEGIN AS SOON AS APPROVALS ARE OBTAINED.



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

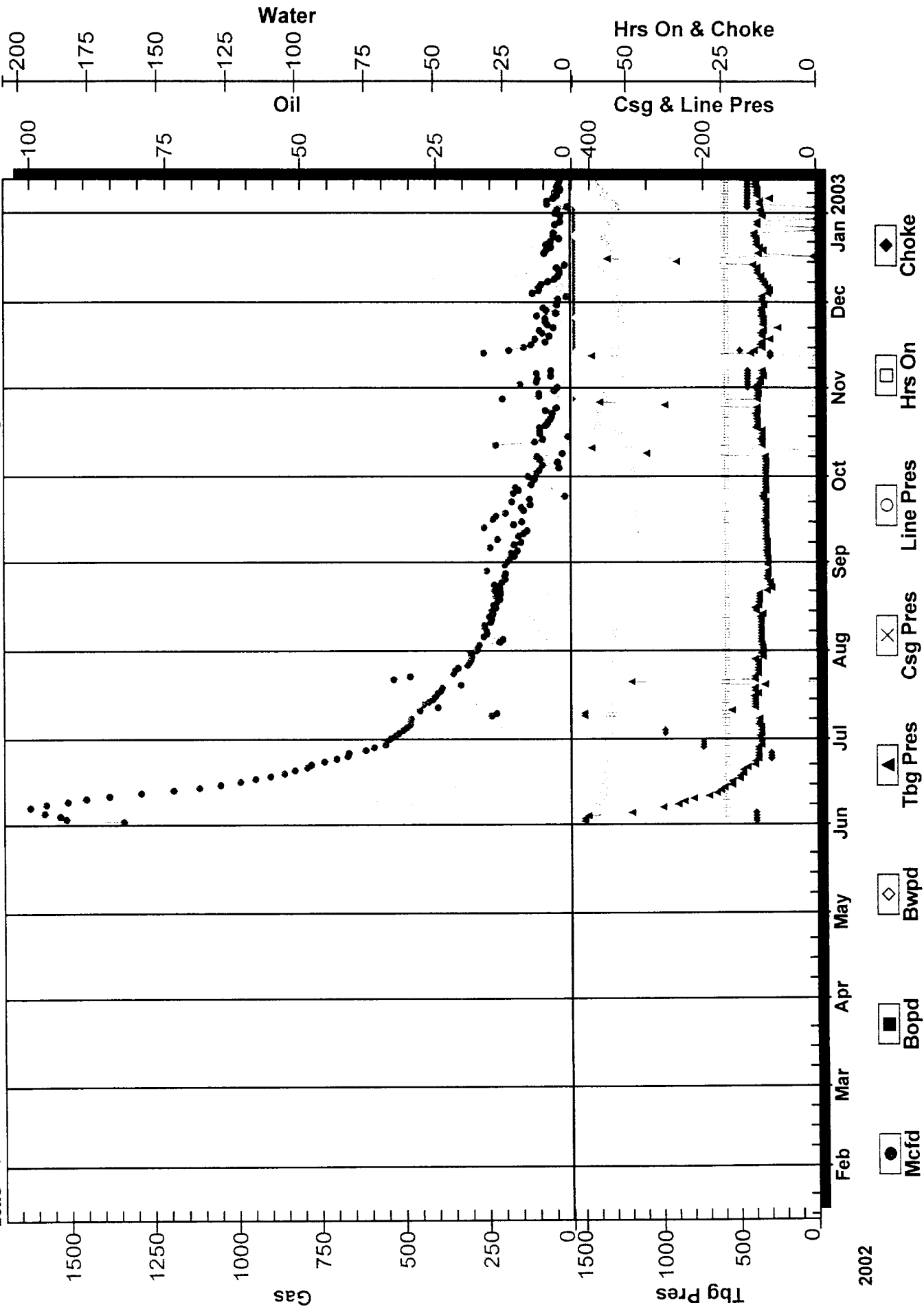
SIGNATURE [Signature] TITLE PRODUCTION ANALYST DATE 10/23/02

Type or print name DEBBIE RISINGER Telephone No. (580) 243-4101
 (This space for State use)

APPROVED BY _____ TITLE _____ DATE _____

Conditions of approval, if any:

Lease : CARLSEAD SOUTH GAS #6
 Field :
 Zone :
 District : ELK CITY
 County : EDDY
 State : NM
 Operator : NEWFIELD EXPLORATION
 Location :
 Prop No : 500610-005



Lease : CARLSBAD SOUTH GAS #6
 Field :
 Zone :
 District : ELK CITY
 County : EDDY
 State : NM
 Operator : NEWFIELD EXPLORATION
 Location :
 Prop No : 500610-005

