

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

Operator	Address		
SOUTH CARLSBAD	#6	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: <input type="checkbox"/> Federal <input checked="" type="checkbox"/> State <input type="checkbox"/> 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  %

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.

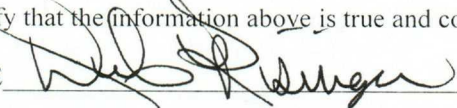
PRE-APPROVED POOLS

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



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**

<sup>1</sup> Operator Name and Address NEWFIELD EXPLORATION MID CONTINENT INC 110 WEST 7TH, SUITE 1300, TULSA, OKLAHOMA 74119		<sup>2</sup> OGRID Number 193805
		<sup>3</sup> API Number 30 - 015-32190
<sup>4</sup> Property Code 29189	<sup>5</sup> Property Name SOUTH CARLSBAD	<sup>6</sup> Well No. #6

<sup>7</sup> 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

<sup>8</sup> 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 CARLSBAD MORROW SOUTH						<sup>10</sup> Proposed Pool 2 BLACK RIVER NORTH ATOKA			

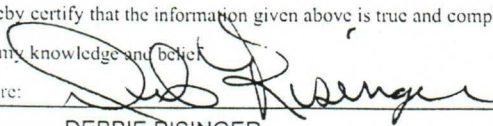
<sup>11</sup> Work Type Code A	<sup>12</sup> Well Type Code M	<sup>13</sup> Cable Rotary	<sup>14</sup> Lease Type Code L-1048	<sup>15</sup> Ground Level Elevation 3,301'
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth PBD 11,885'	<sup>18</sup> Formation MORROW/ATOKA	<sup>19</sup> Contractor	<sup>20</sup> Spud Date JANUARY 2003

<sup>21</sup> 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

<sup>22</sup> 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.

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



# Current Completion

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 5/8" 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

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

TD = 11,990'

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

PROPOSED

### 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<sup>3</sup>/<sub>8</sub>" 48# H-40 @ 515' w/ 452 sx

TOC @ surface

12<sup>1</sup>/<sub>4</sub>" hole

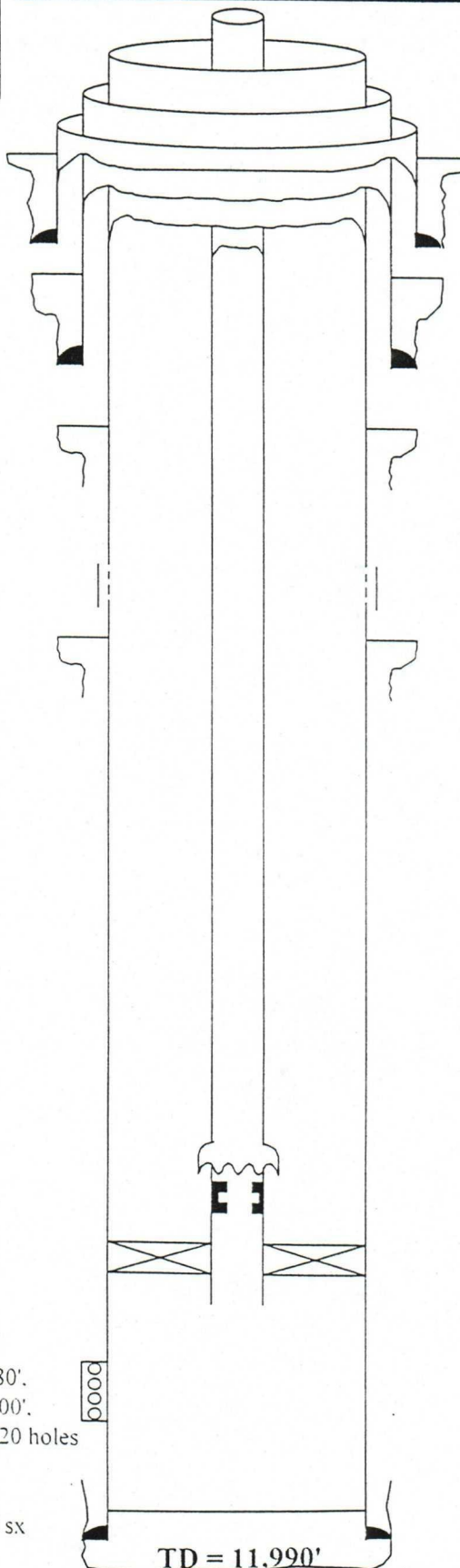
9<sup>3</sup>/<sub>8</sub>" 40# J-55 @ 2025' w/ 550 sx

7<sup>7</sup>/<sub>8</sub>" 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<sup>1</sup>/<sub>2</sub>" 17# P-110 HC @ 11/990' w/ 1040 sx

TD = 11,990'

CURRENT



## State of New Mexico

Energy, Minerals and Natural Resources Department

## DISTRICT I

P.O. Box 1000, Hobbs, NM 88240-1000

## DISTRICT II

P.O. Box 2000, Santa Fe, NM 87501-2000

## DISTRICT III

P.O. Box 2000, Santa Fe, NM 87501-2000

## DISTRICT IV

P.O. Box 2000, Santa Fe, NM 87501-2000

## 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

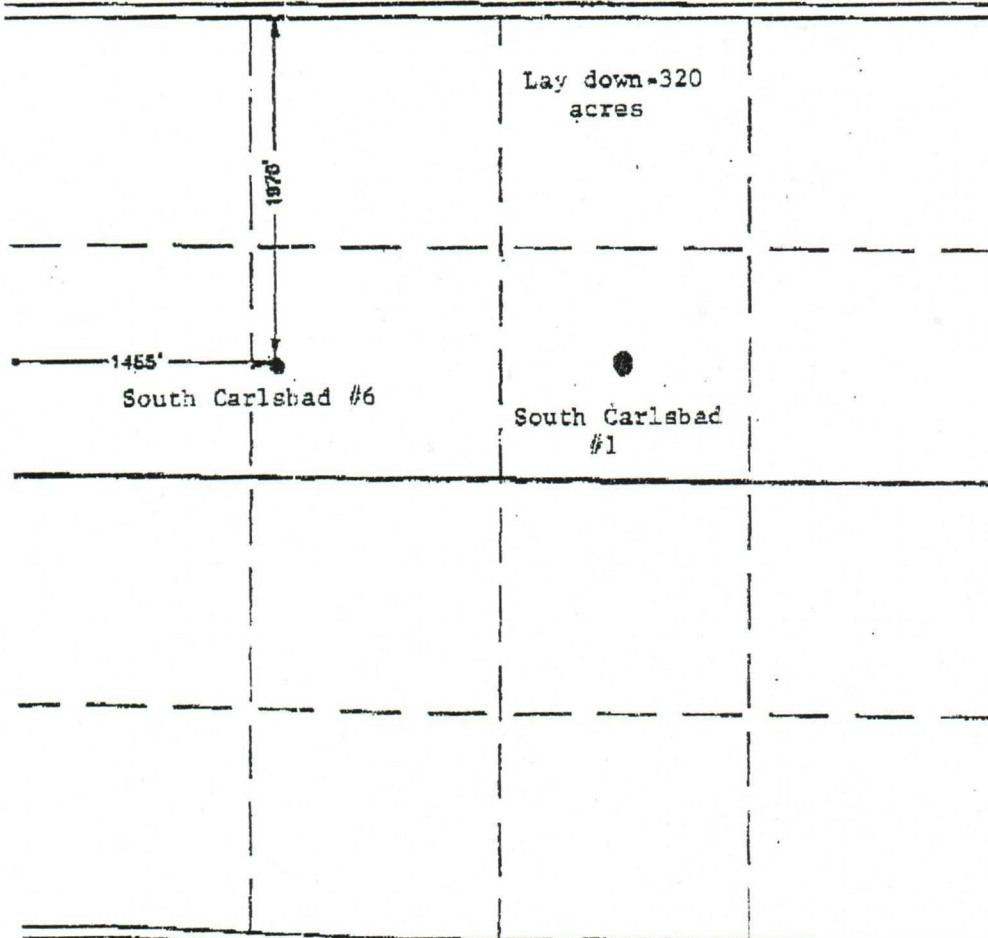
Fee Lease - 3 Copies

## WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number		Pool Code		Pool Name					
Property Code		Property Name SOUTH CARLSBAD COM.						Well Number 6	
OGRD 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 data 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 Surveyor  
Professional Seal of Surveyor

NEW MEXICO  
Professional Seal of Surveyor

02-11-0053  
Professional Seal of Surveyor

02-11-0053  
Professional Seal of Surveyor

02-11-0053  
Professional Seal of Surveyor

02-11-0053  
Professional Seal of Surveyor

02-11-0053  
Professional Seal of Surveyor

TOTAL P.02

Lease : CARLSBAD SOUTH GAS 4-1

District : ELK CITY

Operator : NEWFIELD EXPLORATION

Field :

County : EDDY

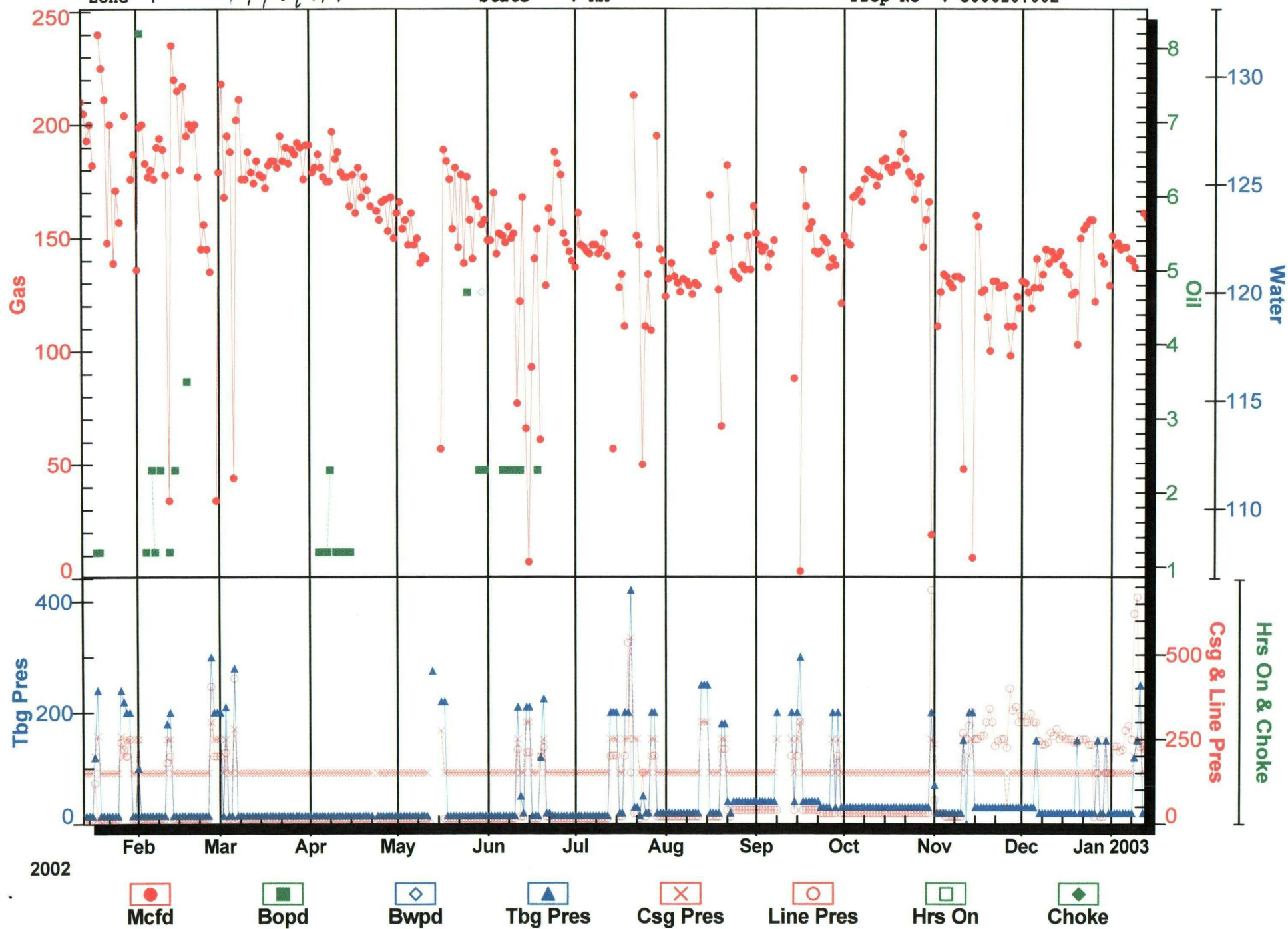
Location :

Zone :

A10KA

State : NM

Prop No : 500610.002





Lease : CARLSBAD SOUTH GAS #6

Field :

Zone :

District : ELK CITY

County : EDDY

State : NM

Operator : NEWFIELD EXPLORATION

Location :

Prop No : 500610-005

