

District I
1625 N. French Drive, 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. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107A
Revised May 15, 2000

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

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

NMOCDC Reference Case No. applicable to this well: _____

Attachments:

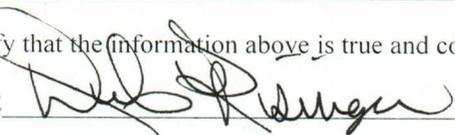
- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- Production curve for each zone for at least one year. (If not available, attach explanation.)
- Data to support no production history, estimated production rates and supporting data.
- Data to support allocation 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

Form C-101
Revised March 17, 1999

Oil Conservation Division
1220 S. 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, 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
		³ API Number 30 - 015-32190
⁴ Property Code 29189	⁵ Property Name SOUTH CARLSBAD	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 A	¹² Well Type Code M	¹³ Cable: Rotary	¹⁴ Lease Type Code L-1048	¹⁵ Ground Level Elevation 3,301'
¹⁶ Multiple N	¹⁷ Proposed Depth PBTD 11,885'	¹⁸ Formation MORROW/ATOKA	¹⁹ Contractor	²⁰ Spud Date JANUARY 2003

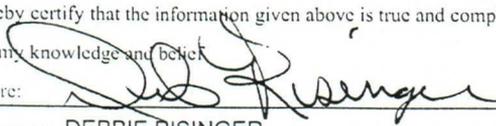
²¹ Proposed Casing and Cement Program

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.

Signature: 
Printed name: DEBBIE RISINGER

Title: PRODUCTION ANALYST

Date: 01/13/03

Phone: 580-243-4101

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Expiration Date:

Conditions of Approval:

Attached

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

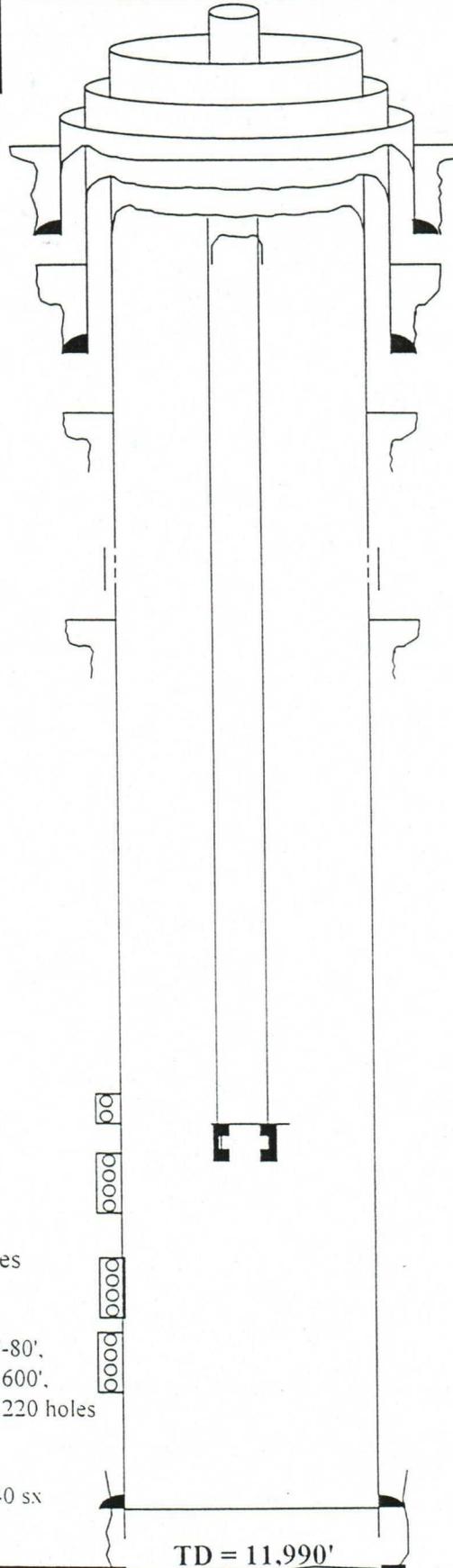
TOC @ surface
17" hole
13 3/8" 48# H-40 @ 515' w/ 452 sx

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 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'

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

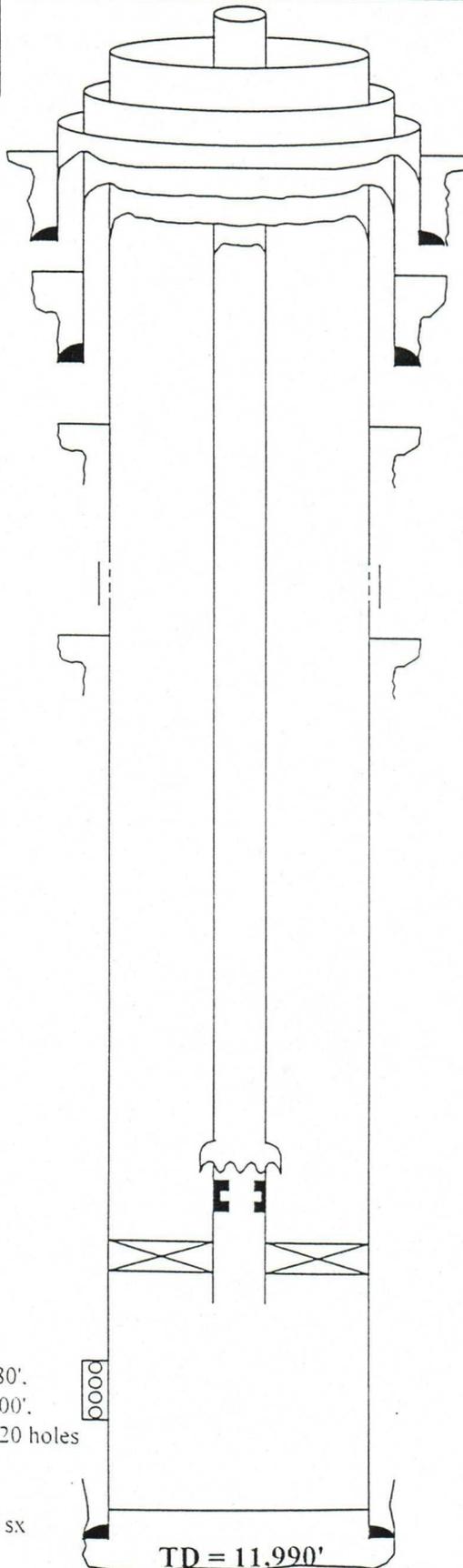
TOC @ surface
17" hole
13 3/8" 48# H-40 @ 515' w' 452 sx

TOC @ surface
12 1/4" hole
9 3/8" 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



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'

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, Lordsburg, NM 88311-0710

DISTRICT III
P.O. Box 2000, Lordsburg, NM 88311-0710

DISTRICT IV
P.O. Box 2000, SANTA FE, N.M. 87501-2000

Form C-102
Revised February 10, 2004
Submit to Appropriate District Office
State Lease -- 4 Copies
Fee Lease -- 3 Copies

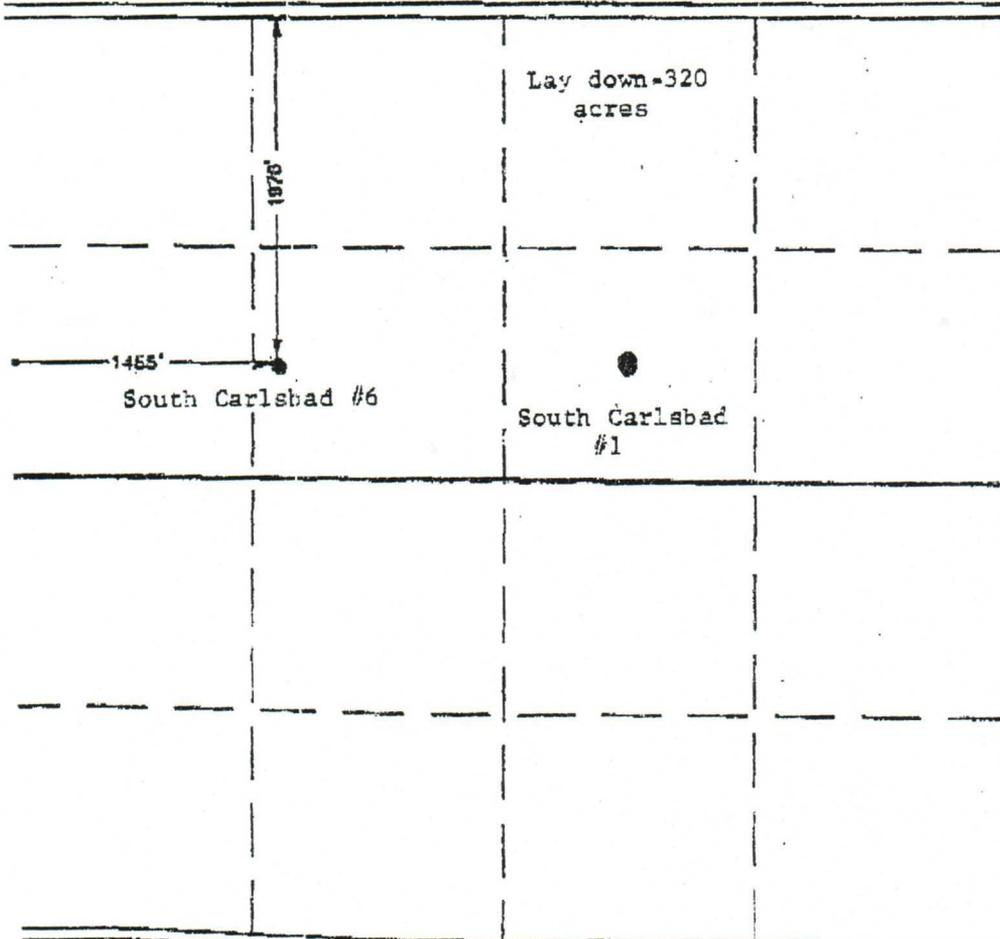
OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number		Pool Code		Pool Name					
Property Code		Property Name SOUTH CARLSBAD COM.						Well Number 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 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 are true and correct to the best of my belief.

JANUARY 22, 2002

Date Surveyed

Signature of J. EIDSON
Professional Seal
Professional Seal
Professional Seal

AWB

02-11-0053

Certified by RONALD EIDSON 3239 12841

Lease : CARLSBAD SOUTH GAS 4-1

District : ELK CITY

Operator : NEWFIELD EXPLORATION

Field :

County : EDDY

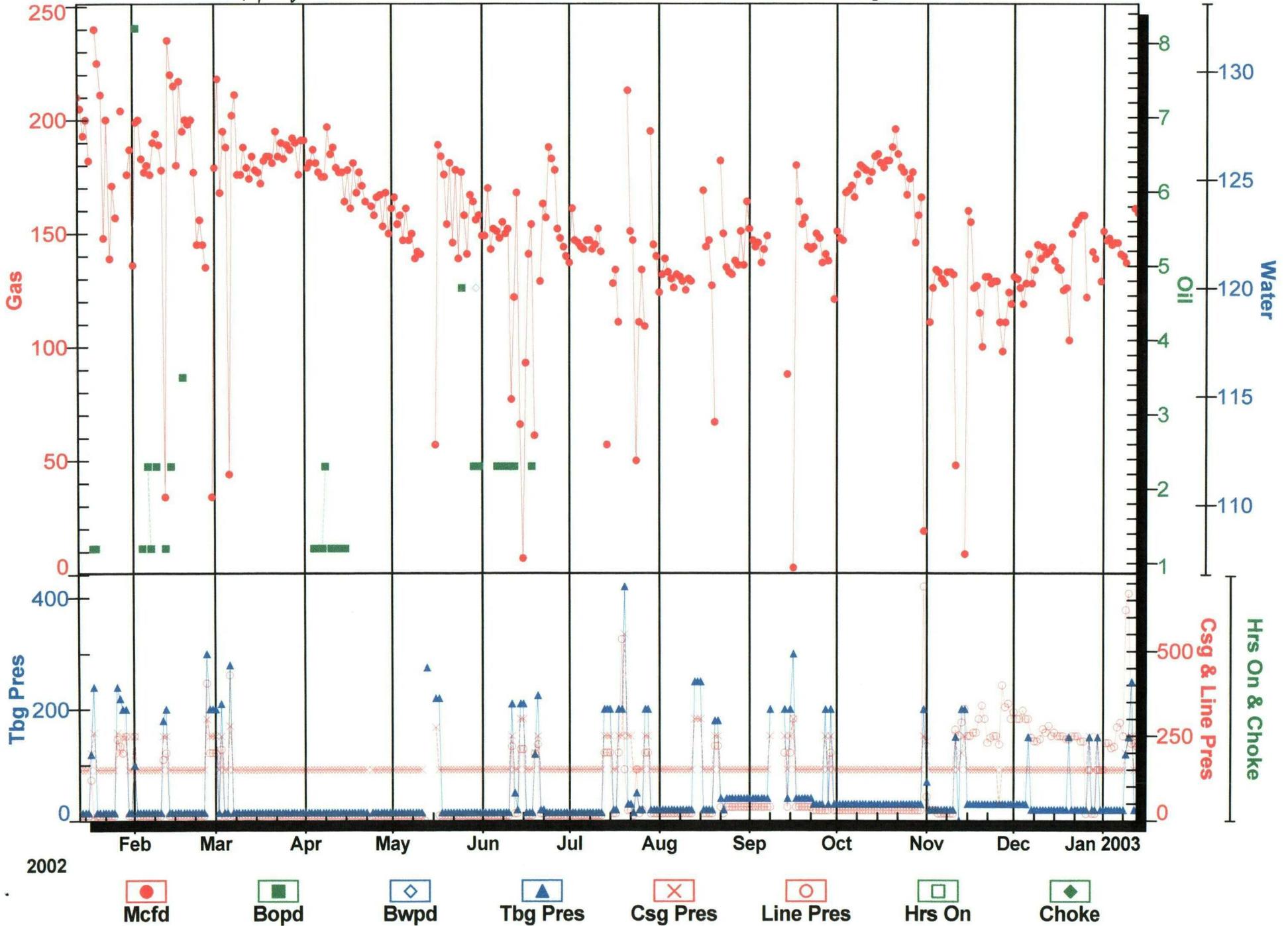
Location :

Zone :

A10KA

State : NM

Prop No : 500610.002



2002

● Mcfd

■ Bopd

◇ Bwpd

▲ Tbgs Pres

× Csg Pres

○ Line Pres

□ Hrs On

◆ Choke

Lease : CARLSBAD SOUTH GAS #6

District : ELK CITY

Operator : NEWFIELD EXPLORATION

Field :

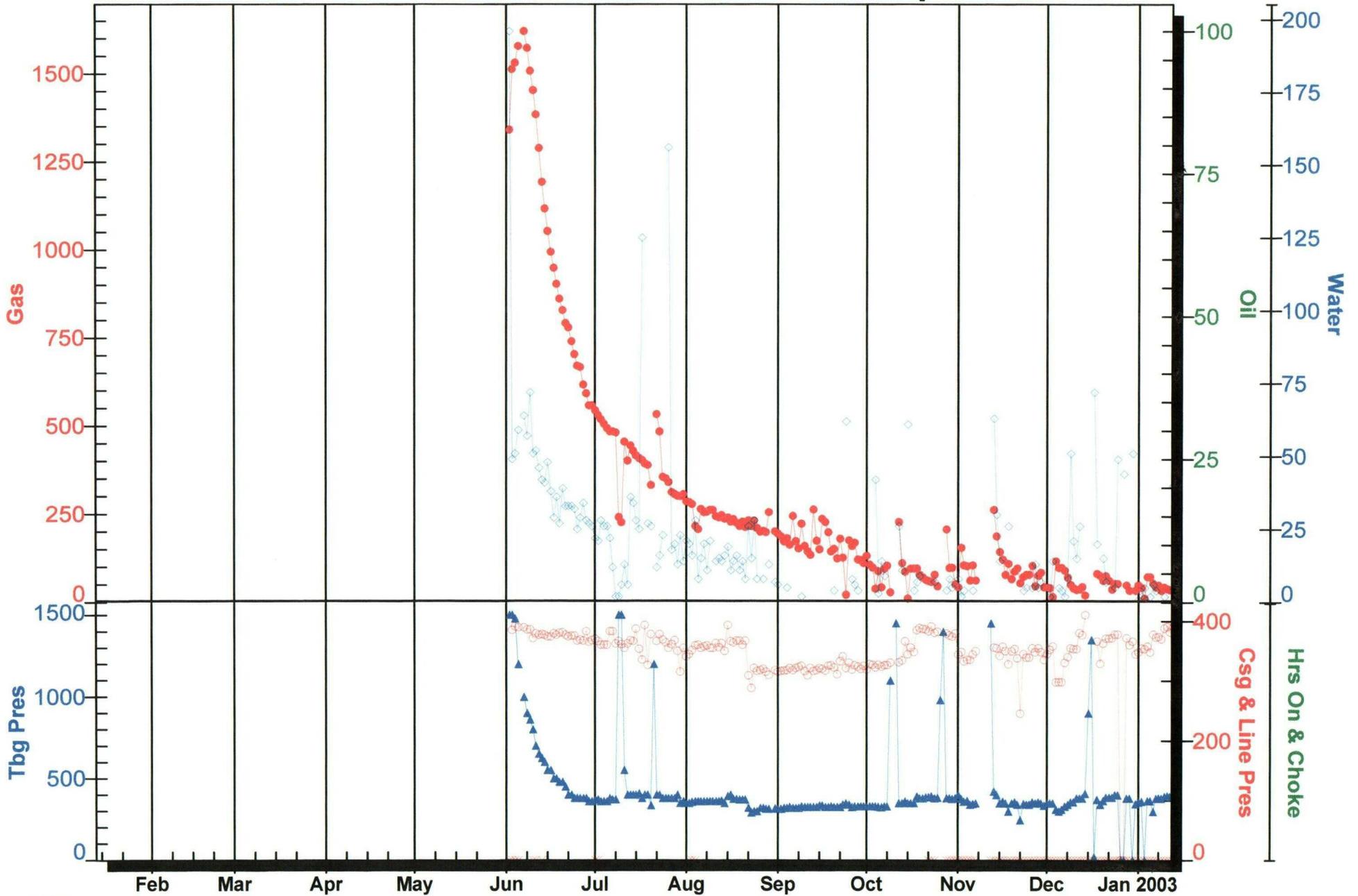
County : EDDY

Location :

Zone :

State : NM

Prop No : 500610-005



2002

● Mcfd

■ Bopd

◇ Bwpd

▲ Tbg Pres

× Csg Pres

○ Line Pres

□ Hrs On

◆ Choke