

DATE <b>5.23.05</b>	SUSPENSE	ENGINEER <b>Jones</b>	LOGGED <del>5/23/05</del>	TYPE <b>DHC-3462</b>
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5.2305

RECEIVED

ABOVE THIS LINE FOR DIVISION USE ONLY

PSEM0514349558

MAY 23 2005

NEW MEXICO OIL CONSERVATION DIVISION  
- Engineering Bureau -

OIL CONSERVATION DIVISION

**ADMINISTRATIVE APPLICATION COVERSHEET**

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS

**Application Acronyms:**

- [NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]
- [DD-Directional Drilling] [SD-Simultaneous Dedication]
- [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
- [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
- [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
- [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
- [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]

- [A] Location - Spacing Unit - Directional Drilling  
 NSL      NSP      DD      SD

Check One Only for [B] and [C]

- [B] Commingling - Storage - Measurement  
 DHC      CTB      PLC      PC      OLS      OLM

- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
 WFX      PMX      SWD      IPI      EOR      PPR

[2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply

- [A] Working, Royalty or Overriding Royalty Interest Owners
- [B] Offset Operators, Leaseholders or Surface Owner
- [C] Application is One Which Requires Published Legal Notice
- [D]  Notification and/or Concurrent Approval by BLM or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] Waivers are Attached

[3] **INFORMATION / DATA SUBMITTED IS COMPLETE** - Statement of Understanding

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with supervisory capacity.

Keith Lopez	<i>Keith Lopez</i>	Petro. Engineer	5/17/2005
Print or Type Name	Signature	Title	Date

**Mid Continent Business Unit  
North America Upstream**

15 Smith Road  
Midland, Texas 79705  
Tel (432) 687 7120  
LOPK@chevrontexaco.com

May 18, 2005

**Chevrontexaco**

State of New Mexico  
Energy, Minerals, & Natural Resources Dept.  
Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505

Re: Request to DHC the RE Cole A #8

Attn: Oil & Gas Regulatory Department

Chevron Corporation respectfully requests administrative approval to Downhole Commingle the Penrose Skelly and the Eunice San Andres Southwest in the RE Cole A #8, API #30-025-22109. The #8 is located 2130' FSL 2130' FWL, Unit K, Section 16, T-22S, R-37E, Lea County, NM.

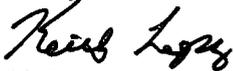
The RE Cole A #8 was drilled as a Montoya producer in 1967. It was then plugged back to the Drinkard in 72' and later to the Blinebry in 84' before it was plugged in 94'. Chevron Corporation proposes to re-enter and complete the Grayburg and San Andres interval as a DHC.

Attached in support of this request is San Andres production from the RE Cole A #17 and Grayburg production from the RE Cole A #1. These two wells are located two 40 acres spacings SE of the #8 on the same lease. Both wells lie on the same 40 acres, giving a good view of the production allocations. Also, included is a proposed well schematic diagram for the RE Cole A #8, C107A, a C102 for each zone, a lease plat, and supporting production data from offset completions (RE Cole A #1 & #17). As can be seen on the table, the value of the production will not be significantly impacted by the proposed action.

Chevron Corporation is the operator of these wells with 100% working interest, and the Royalty Interest Owners are the same on each lease. The RE Cole A facility will test monthly for allocation of production to the well.

If you have any questions concerning this application, please contact Keith Lopez at (432)-687-7120 or by email at LOPK@CHEVRONTEXACO.COM.

Sincerely,



Keith Lopez  
Petroleum Engineer

Attachments

cc: NMOCD District 1 – Hobbs, NM  
Keith Lopez  
Well File  
Nathan Mouser  
Vicki Duncan/Denise Pinkerton  
State of New Mexico Commissioner of Public Lands

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 June 10, 2003

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

DHC-3462

Chevron Corporation 15 Smith Road, Midland TX 79705  
Operator Address

RE Cole A #8 K-16-22S-37E United States  
Lease Well No. Unit Letter-Section-Township-Range County

OGRID No. 4323 Property Code 2597 API No. 30-025-22109 Lease Type:  Federal  State  Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Penrose Skelly <del>GFE</del> <i>oil</i>		Eunice San Andres Southwest <i>oil</i>
Pool Code	50350		24180
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	3660'-3721'		3748'-3913'
Method of Production (Flowing or Artificial Lift)	Artificial Lift, pending OCD approval		Artificial Lift, pending OCD approval
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)	1140 PSI, estimated from fluid levels on the CP Falby A #1 (1 section NW)		899 PSI, Pressure Buildup Test (offset)
Oil Gravity or Gas BTU (Degree API or Gas BTU)	31.2°		33.8° (offset)
Producing, Shut-In or New Zone	New Zone		New Zone
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: Rates:	Date: Rates:	Date: Rates:
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil 81.82% Gas 33.33%	Oil % Gas %	Oil 18.18% Gas 66.66%

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 Keith Lopez TITLE Petroleum Engineer DATE 5/17/2005

TYPE OR PRINT NAME Keith Lopez TELEPHONE NO. ( 432 ) 687-7120

E-MAIL ADDRESS lopk@chevrontexaco.com

RECEIVED

MAY 27 2005



State of New Mexico  
Commissioner of Public Lands

310 OLD SANTA FE TRAIL  
P.O. BOX 1148  
SANTA FE, NEW MEXICO 87504-1148

PATRICK H. LYONS  
COMMISSIONER

OIL CONSERVATION  
DIVISION

COMMISSIONER'S OFFICE

Phone (505) 827-5760  
Fax (505) 827-5766  
www.nmstatelands.org

Mary 25, 2005

ChevronTexaco  
15 Smith Road  
Midland, Texas 79705

Attn: Mr. Keith Lopez

Re: Downhole Commingling Application  
RE Cole A Well No. 8  
Unit Letter K, Section 16-22S-37E  
Penrose Skelly and Eunice San Andres Southwest Pools  
Lea County, New Mexico

Dear Mr. Lopez:

Your application to downhole commingle the production from within the wellbore of the above-captioned well was received on May 24, 2005. Your application requests our approval to downhole commingle the Penrose Skelly and Eunice San Andres Southwest production within the wellbore of the RE Cole A Well No. 8 located in Unit Letter Unit Letter K, Section 16-22S-37E, Lea County, New Mexico.

It is our understanding that production from the subject well will be allocated as follows:

<u>POOL</u>	<u>ALLOCATION</u>	
	<u>Oil %</u>	<u>Gas %</u>
Penrose Skelly	81.82%	33.34%
San Andres Southwest	18.18%	66.66%
	-----	-----
	100%	100%

Since it appears that all the New Mexico Oil Conservation Division's rules and regulations have been complied with, and there will be no loss of revenue to the State of New Mexico as a result of your proposed operation, your request for downhole commingling the production from the above-mentioned well is hereby approved. Any deviation from the substance of your request will be sufficient grounds for rescinding our approval. Our approval is subject to like approval by the New Mexico Oil Conservation Division.

-State Land Office Beneficiaries -

Carrie Tingley Hospital • Charitable Penal & Reform • Common Schools • Eastern NM University • Rio Grande Improvement • Miners' Hospital of NM • NM Boys School • NM Highlands University • NM Institute of Mining & Technology • New Mexico Military Institute • NM School for the Deaf • NM School for the Visually Handicapped • NM State Hospital • New Mexico State University • Northern NM Community College • Penitentiary of New Mexico • Public Buildings at Capital • State Park Commission • University of New Mexico • UNM Salina Lands & Water Resources • Western New Mexico University

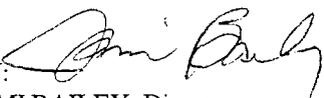
ChevronTexaco  
May 25, 2005  
Page 2

Please submit your filing fee in the amount of \$30.00.

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

PATRICK H. LYONS  
COMMISSIONER OF PUBLIC LANDS

BY: 

JAMI BAILEY, Director  
Oil, Gas and Minerals Division  
(505) 827-5744

PL/JB/cpm

Enclosure

xc: Reader File

OC--Attention: David Catanach

**REQUEST FOR EXCEPTION TO RULE 303-A**  
**FOR WELLS LOCATED IN PRE-APPROVED POOLS OR AREAS**

**Operator**

Chevron Corporation  
15 Smith Road  
Midland, TX 79705

**Lease Name and Well Number**

RE Cole A #8  
2130' FSL & 2130' FWL, Unit K  
Section 16, T22S, R37E  
Lea County, New Mexico

**Division Order**

Pre-approved pools or area established by Division Order No. R-11363.

**Pools To Be Commingled In RE Cole A #8**

(50350) Penrose Skelly  
(24180) Eunice San Andres Southwest

**Perforated Intervals**

Penrose Skelly (3660'-3721') Pending Approval  
Eunice San Andres Southwest (3748'-3913') Pending Approval

**Location Plat**

Attached

**Well Test Report & Production Plots**

Attached.

**Product Characteristics And Value**

Analysis of the produced fluids by Chevron shows that the fluids are compatible and commingling will not cause formation damage or producing problems. Also, the price received by Chevron for products from these zones is very similar, so value will not be adversely affected.

**Production Allocation**

<u>Pool</u>	<u>BOPD</u>	<u>BWPD</u>	<u>MCFPD</u>	<u>Estimation Method</u>
Penrose Skelly	9	6	14	3/3/05 Well Test of offset Cole A #1 (same 40 acre as #17)
Eunice San Andres SW	2	14	28	4/8/05 Well Test of offset Cole A #17 (same 40 acre as #1)
<b>Totals</b>	<b>11</b>	<b>20</b>	<b>42</b>	

<u>Allocated %</u>	<u>Oil %</u>	<u>Water %</u>	<u>Gas %</u>	<u>Remarks</u>
Penrose Skelly	81.82	30.00	33.33	Calculated using above production volumes.
Eunice San Andres SW	18.18	70.00	66.66	Calculated using above production volumes.
<b>Totals</b>	<b>100.00</b>	<b>100.00</b>	<b>99.99</b>	

**Ownership**

Ownership of all zones is identical so correlative rights will not be compromised.

**State / Federal Land Notification**

Well is on a state lease.

**District I**  
1625 N. French Dr., Hobbs, NM 88240

**District II**  
811 South First, Artesia, NM 88210

**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410

**District IV**  
2040 South Pacheco, Santa Fe, NM 87505

**State of New Mexico**  
**Energy, Minerals & Natural Resources Department**

**Form C-102**  
**Revised March 17, 1999**

**OIL CONSERVATION DIVISION**  
**2040 South Pacheco**  
**Santa Fe, NM 87505**

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number 30-025-22109	<sup>2</sup> Pool Code 50350	<sup>3</sup> Pool Name Penrose Skelly; Grayburg
<sup>4</sup> Property Code 2597	<sup>5</sup> Property Name RE Cole A	<sup>6</sup> Well Number 8
<sup>7</sup> OGRID No. 4323	<sup>8</sup> Operator Name Chevron Corporation	<sup>9</sup> Elevation 3392'

<sup>10</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
K	16	22S	37E		2130'	South	2130'	West	Lea

<sup>11</sup> 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>12</sup> Dedicated Acres 40	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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**

<div style="position: relative; height: 200px;"> <span style="position: absolute; top: 0; left: 0;">16</span> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); border: 1px dashed black; width: 100px; height: 100px; display: flex; align-items: center; justify-content: center;"> <span style="font-size: 2em;">16</span> </div> <div style="position: absolute; top: 20%; left: 20%; width: 100px; height: 100px; border: 1px solid black; display: flex; align-items: center; justify-content: center;"> <span style="font-size: 0.8em;">40-acre proration unit</span> </div> <div style="position: absolute; top: 70%; left: 20%; width: 100px; height: 100px; border: 1px solid black; display: flex; align-items: center; justify-content: center;"> <span style="font-size: 0.8em;">2130'</span> </div> <div style="position: absolute; top: 70%; left: 20%; width: 100px; height: 100px; border: 1px solid black; display: flex; align-items: center; justify-content: center;"> <span style="font-size: 0.8em;">2130'</span> </div> </div>	<p align="center"><b>OPERATOR CERTIFICATION</b></p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <div style="text-align: right; margin-top: 20px;"> </div> <p>Signature _____</p> <p align="center"><b>Keith Lopez</b></p> <p>Printed Name _____</p> <p align="center"><b>Petr. Engineer</b></p> <p>Title _____</p> <p align="center"><b>May 17, 2005</b></p>
	<p align="center"><b>SURVEYOR CERTIFICATION</b></p> <p><i>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.</i></p> <p>Signature and Seal of Professional Surveyor: _____</p> <p align="right">Certificate Number _____</p>

District I  
1625 N. French Dr., Hobbs, NM 88240

District II  
811 South First, Artesia, NM 88210

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised March 17, 1999

OIL CONSERVATION DIVISION

2040 South Pacheco  
Santa Fe, NM 87505

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-22109		<sup>2</sup> Pool Code 24180		<sup>3</sup> Pool Name Eunice San Andres Southwest	
<sup>4</sup> Property Code 2597		<sup>5</sup> Property Name RE Cole A			<sup>6</sup> Well Number 8
<sup>7</sup> OGRID No. 4323		<sup>8</sup> Operator Name Chevron Corporation			<sup>9</sup> Elevation 3392'

<sup>10</sup> Surface Location

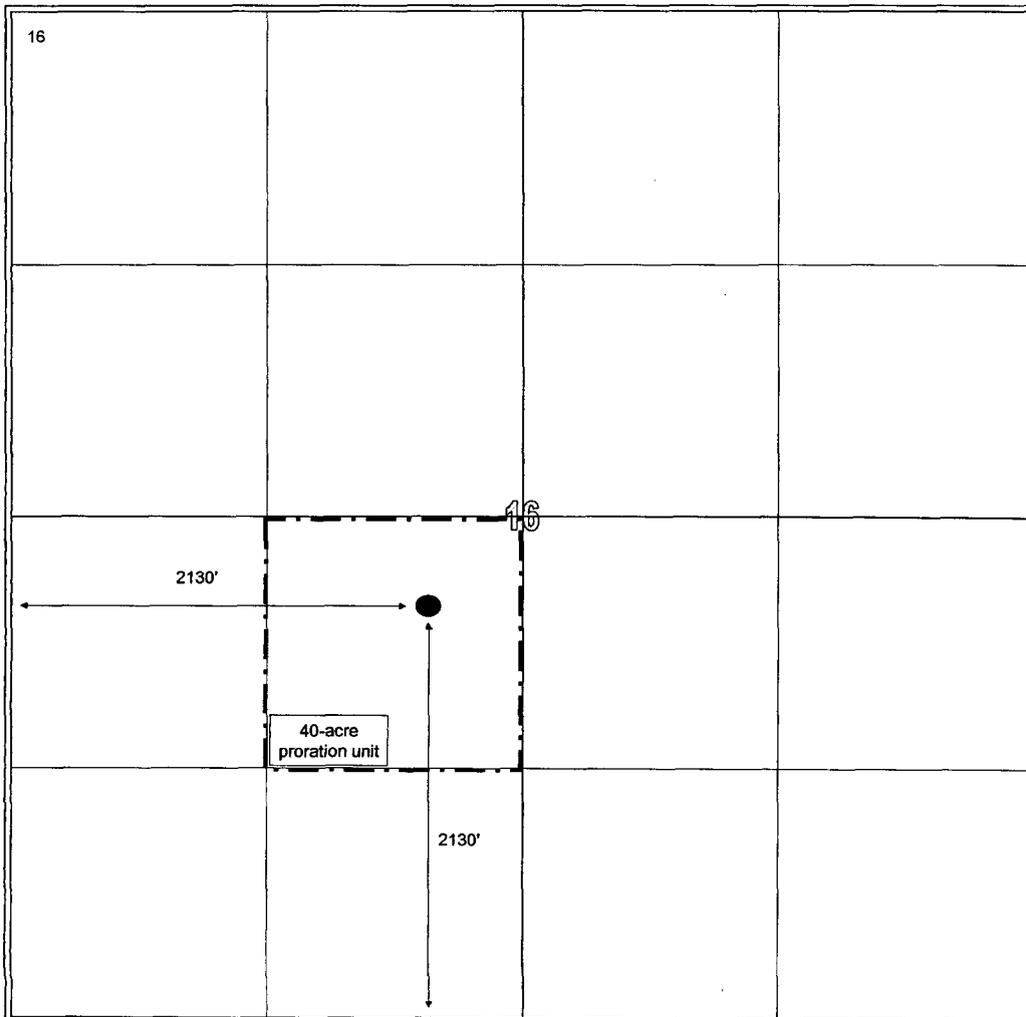
UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	16	22S	37E		2130'	South	2130'	West	Lea

<sup>11</sup> 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>12</sup> Dedicated Acres 40	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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.

*Keith Lodez*  
 Signature  
**Keith Lodez**  
 Printed Name  
**Petr. Engineer**  
 Title  
**May 17, 2005**

18 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.

Signature and Seal of Professional Surveyor:  
 \_\_\_\_\_  
 Certificate Number

**CURRENT WELL DATA SHEET**

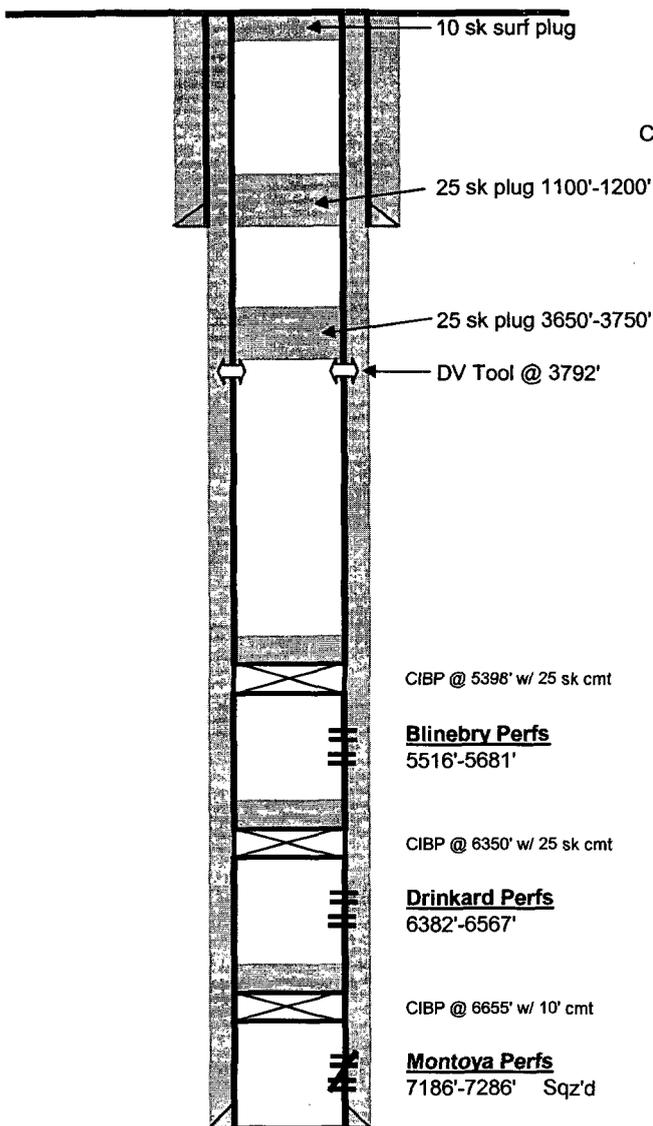
**Field:** \_\_\_\_\_  
**Location:** 2130' FSL & 2130' FWL  
**County:** Lea **St:** New Mexico  
**Current Status:** PA'd  
**Current Producing Formation(s):** \_\_\_\_\_  
**Initial Producing Formation(s):** Montoya/Silurian

**Well Name:** RE Cole A #8 **Lease Type:** State  
**Sec:** 16 **Township:** 22S **Range:** 37E  
**Refno:** FG0268 **API:** 30-025-22109 **Cost Center:** \_\_\_\_\_  
**Anchor Test Date:** \_\_\_\_\_  
PA'd  
Montoya/Silurian

**Surface Csg.**

Size: 9-5/8"  
 Wt.: 36#  
 Set @: 1159'  
 Sxs cmt: 425  
 Circ: Yes  
 TOC: Surface  
 Hole Size: 12-1/4"

KB: 3404'  
 DF: \_\_\_\_\_  
 GL: 3392'  
 Spud Date: 5/5/1967  
 Compl. Date: \_\_\_\_\_



**Production Csg.**

Size: 7"  
 Wt.: 23# & 26#  
 Set @: 7302'  
 Sxs Cmt: \_\_\_\_\_  
 Circ: Circ 2nd stage  
 TOC: Surface  
 Hole Size: 8 3/4"

COTD: \_\_\_\_\_  
 PBSD: \_\_\_\_\_  
 TD: 7302'

**Remarks:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Prepared by: LOPK  
 Date: 3/22/2005  
 Updated by: \_\_\_\_\_

**PROPOSED WELL DATA SHEET**

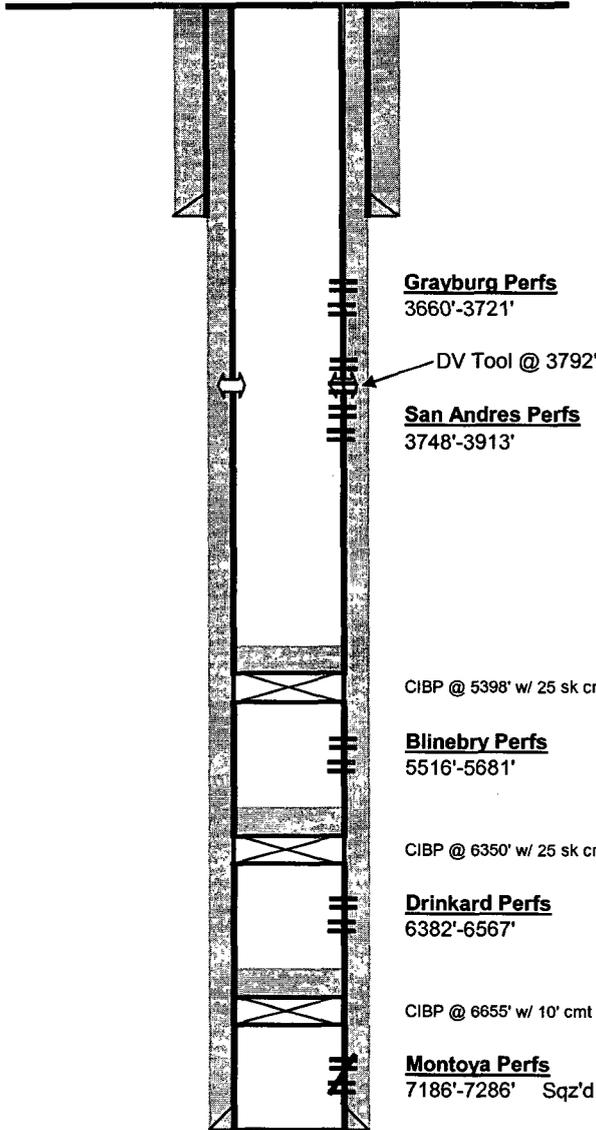
Field: Eunice San Andres SW  
 Location: 2130' FSL & 2130' FWL  
 County: Lea St: New Mexico  
 Current Status: PR  
 Current Producing Formation(s):  
 Initial Producing Formation(s):

Well Name: RE Cole A #8 Lease Type: State  
 Sec: 16 Township: 22S Range: 37E  
 Refno: FG0268 API: 30-025-22109 Cost Center: LB10100  
 Anchor Test Date:  
San Andres  
Montoya/Silurian

**Surface Csg.**

Size: 9-5/8"  
 Wt.: 36#  
 Set @: 1159'  
 Sxs cmt: 425  
 Circ: Yes  
 TOC: Surface  
 Hole Size: 12-1/4"

KB: 3404'  
 DF: \_\_\_\_\_  
 GL: 3392'  
 Spud Date: 5/5/1967  
 Compl. Date: \_\_\_\_\_



**Production Csg.**

Size: 7"  
 Wt.: 23# & 26#  
 Set @: 7302'  
 Sxs Cmt: \_\_\_\_\_  
 Circ: Circ 2nd stage  
 TOC: Surface  
 Hole Size: 8 3/4"

COTD: \_\_\_\_\_  
 PBSD: 5298'  
 TD: 7302'

Remarks: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Prepared by: LOPK  
 Date: 3/22/2005  
 Updated by: \_\_\_\_\_

## WELL TEST REPORT

Lease: **COLE R E /NCT-A/**

Field: **PENROSE SKELLY**

Reservoir: **GRAYBURG**

Well: **1**

Field Code: **U49**

Resv Code: **000006848**

Unique Code: **UCU490600**

Battery: **COLE NCT-A 1**

Wellbore: **044909**

API No: **300251031300**

Test Date	BOPD	BWPD	MCFPD	Tbg PSI	GOR	% Oil	Comp No.	Status	Remarks	Fluid Level	Fld Lvl Date	BTFPD
	0	0	0	30			01	PR		3620	7/10/01	
	0	0	0	18			01	PR				
3/3/05	9	6	14	30	1556	60.0	01	PR		3432	3/9/05	15
2/3/05	8	4	8	30	1000	66.7	01	PR		3571	12/5/04	12
1/5/05	9	6	10	30	1111	62.1	01	PR		3571	12/5/04	15
12/6/04	8	3	20	30	2500	72.7	01	PR		3571	12/5/04	11
11/12/04	8	1	13	30	1585	94.3	01	PR		3275	11/12/04	9
11/12/04	8	1	13	30	1585	94.3	01	PR		3275	11/12/04	9
10/5/04	3	0	10	30	3333	100.0	01	PR		2857	10/24/04	3
9/4/04	8	1	13	30	1625	88.9	01	PR		3275	9/8/04	9
8/16/04	2	1	13	30	6500	66.7	01	PR		3343	7/3/04	3
7/4/04	9	6	14	30	1556	60.0	01	PR		3343	7/3/04	15
6/4/04	3	2	4	30	1167	60.0	01	PR		2850	6/4/04	5
5/4/04	3	2	3	30	1000	60.0	01	PR		2845	5/8/04	5
4/3/04	5	1	10	30	2000	83.3	01	PR		3195	3/25/04	6
3/25/04	5	1	10	30	1887	84.1	01	PR		3195	3/25/04	6
2/17/04	5	3	11	30	2037	64.3	01	PR		3189	1/21/04	8
1/28/04	5	4	11	30	2200	55.6	01	PR		3189	1/21/04	9
12/3/03	5	3	9	30	1840	62.5	01	PR		3275	10/2/03	8
10/28/03	5	3	9	30	1800	62.5	01	PR		3275	10/2/03	8
9/6/03	5	3	8	30	1600	62.5	01	PR		3114	7/18/03	8
8/1/03	3	4	5	30	1667	42.9	01	PR		3114	7/18/03	7
7/17/03	5	3	7	30	1489	61.0	01	PR		3114	7/18/03	8
6/15/03	2	2	4	30	2200	50.0	01	PR		2904	6/20/03	4
5/27/03	6	3	28	30	4667	66.7	01	PR		3022	5/27/03	9
4/8/03	5	5	30	30	6000	50.0	01	PR		3239	4/30/03	10
3/26/03	3	6	30	30	10000	33.3	01	PR		2794	3/14/03	9
1/23/03	3	7	30	30	10000	30.0	01	PR		3126	1/20/03	10
10/17/02	4	8	30	30	7500	33.3	01	PR		3093	9/29/02	12
10/17/02	4	8	30	30	7500	33.3	01	PR		3093	9/29/02	12
9/12/02	3	7	34	30	11377	30.0	01	PR		3093	9/29/02	10
8/6/02	3	8	35	30	11700	27.3	01	PR		2770	8/14/02	11
7/17/02	3	10	44	30	14627	23.1	01	PR		2810	7/22/02	13
6/3/02	4	3	48	30	12300	60.0	01	PR		1147	4/1/02	7
6/3/02	4	3	48	30	12300	60.0	01	PR		1147	4/1/02	7
4/2/02	1	10	48	30	47970	9.2	01	PR		1147	4/1/02	11
4/1/02	1	5	31	30	31400	16.1	01	PR		1147	4/1/02	6
3/13/02	4	10	34	30	8533	28.6	01	PR		3571	3/13/02	14
2/1/02	4	8	15	30	3658	33.3	01	PR		3620	10/3/01	12
1/30/02	4	11	15	30	3658	26.7	01	PR		3620	10/3/01	15
11/2/01	2	3	24	30	12190	40.0	01	PR		3620	10/3/01	5
10/17/01	1	6	21	30	21450	14.3	01	PR		3620	10/3/01	7
9/5/01	2	6	24	30	12190	25.0	01	PR		3620	7/10/01	8
9/5/01	2	6	24	30	12190	25.0	01	PR		3620	7/10/01	8
6/4/01	3	5	20	30	6827	37.5	01	PR		3570	4/25/01	8
5/3/01	4	5	24	30	6095	44.4	01	PR		3570	4/25/01	9
4/5/01	6	5	34	30	5688	54.5	01	PR		3570	3/20/01	11
3/20/01	8	3	34	30	4266	72.7	01	PR		3570	3/20/01	11
12/14/00	6	9	39	30	6500	40.0	01	PR			8/6/99	15
11/3/00	7	11	44	25	6269	38.9	01	PR			8/6/99	18
10/6/00	7	13	47	25	6686	35.0	01	PR			8/6/99	20

## WELL TEST REPORT

Lease: **COLE R E /NCT-A/**

Field: **EUNICE, SOUTHWEST**

Reservoir: **SAN ANDRES**

Well: **17**

Field Code: **LB1**

Resv Code: **000009011**

Unique Code: **UCLB10100**

Battery: **COLE-A #5**

Wellbore: **044863**

API No: **300252535600**

Test Date	BOPD	BWPD	MCFPD	Tbg PSI	GOR	% Oil	Comp No.	Status	Remarks	Fluid Level	Fld Lvl Date	BTFPD
4/8/05	2	14	28	150	18667	9.4	03	PR		4219	3/9/05	16
3/9/05	1	13	28	150	23333	8.6	03	PR		4219	3/9/05	14
2/9/05	1	12	29	150	20714	10.1	03	PR		4219	1/15/05	14
1/16/05	1	13	37	150	37000	7.1	03	PR		4219	1/15/05	14
12/21/04	1	13	34	150	34000	7.1	03	PR		3685	12/6/04	14
11/19/04	1	14	32	150	26667	7.9	03	PR		4201	11/19/04	15
11/19/04	1	14	32	150	26667	7.9	03	PR		4201	11/19/04	15
10/2/04	1	15	34	150	34000	6.3	03	PR		4172	9/8/04	16
9/6/04	1	14	32	150	32000	6.9	03	PR		4172	9/8/04	15
8/21/04	1	13	34	150	34000	7.1	03	PR		4188	6/12/04	14
7/14/04	2	16	35	150	20588	9.6	03	PR		4188	6/12/04	18
6/12/04	2	13	36	150	15652	15.0	03	PR		4188	6/12/04	15
5/17/04	2	15	36	150	18000	11.8	03	PR		4219	5/23/04	17
4/20/04	2	19	39	150	19500	9.5	03	PR		4188	3/25/04	21
3/10/04	2	15	38	150	18095	12.3	03	PR		4188	3/25/04	17
2/27/04	2	16	42	150	17500	13.0	03	PR		4174	1/20/04	18
1/16/04	2	15	40	150	20000	11.8	03	PR		4174	1/20/04	17
12/2/03	2	13	38	150	19000	13.3	03	PR		4184	10/13/03	15
11/11/03	2	15	40	150	20000	11.8	03	PR		4184	10/13/03	17
10/9/03	1	8	37	150	74000	5.9	03	PR		4184	10/13/03	9
9/14/03	2	15	45	150	22500	11.8	03	PR		4172	9/30/03	17
8/1/03	2	15	50	150	25000	11.8	03	PR		3815	7/19/03	17
7/10/03	2	15	51	150	24286	12.7	03	PR		3815	7/19/03	17
6/10/03	2	16	46	150	23000	11.1	03	PR		3784	6/11/03	18
5/22/03	2	16	56	150	28000	11.1	03	PR		4175	5/22/03	18
4/21/03	3	15	75	150	22059	18.5	03	PR		4210	4/30/03	18
3/12/03	2	20	73	150	36500	9.1	03	PR		4219	3/14/03	22
2/12/03	3	22	80	150	26667	12.0	03	PR		4212	1/16/03	25
1/20/03	3	20	82	150	27333	13.0	03	PR		4212	1/16/03	23
11/11/02	3	30	84	150	28000	9.1	03	PR		3229	11/11/02	33
11/11/02	3	30	84	150	28000	9.1	03	PR		3229	11/11/02	33
10/10/02	3	20	80	150	30769	11.5	03	PR		4187	8/14/02	23
9/1/02	3	19	83	150	27627	13.6	03	PR		4187	8/14/02	22
8/13/02	3	19	83	150	27627	13.6	03	PR		4187	8/14/02	22
7/15/02	1	24	84	150	83850	4.0	03	PR		4198	7/21/02	25
6/11/02	4	77	83	200	20285	5.1	03	PR		3799	6/11/02	81
6/11/02	4	77	83	200	20285	5.1	03	PR		3799	6/11/02	81
5/1/02	4	22	61	75	14440	16.0	03	PR		3689	5/1/02	26
3/12/02	7	43	73	200	10447	14.0	03	PR		3720	3/12/02	50
1/3/02	2	26	59	200	29250	7.1	03	PR		4160	10/10/01	28
11/13/01	3	65	98	200	32500	4.4	03	PR		4160	10/10/01	68
10/17/01	3	90	146	200	48753	3.2	03	PR		4160	10/10/01	93
9/4/01	5	120	122	200	24376	4.0	03	PR		4160	7/11/01	125
7/11/01	3	75	146	200	48753	3.8	03	PR		4160	7/11/01	78
6/4/01	9	125	156	200	17334	6.7	03	PR		55	5/23/01	134
5/23/01	6	65	78	200	13000	8.5	03	PR		55	5/23/01	71
3/13/01	6	44	99	200	16575	12.0	03	PR		210	3/12/01	50
2/14/2001	16	47	73	200	4571	25.4	03	PR		3151	2/14/2001	63
12/5/2000	5	30	80	200	15990	14.3	03	PR		3151	8/29/2000	35
11/20/2000	7	36	78	200	11143	16.3	03	PR		3151	8/29/2000	43
10/8/2000	14	75	99	250	7104	15.7	03	PR		3151	8/29/2000	89
9/21/2000	14	73	98	250	6964	16.1	03	PR		3151	8/29/2000	87
9/19/2000	14	73	112	250	8009	16.1	03	PR		3151	8/29/2000	87

# Rate/Time Graph

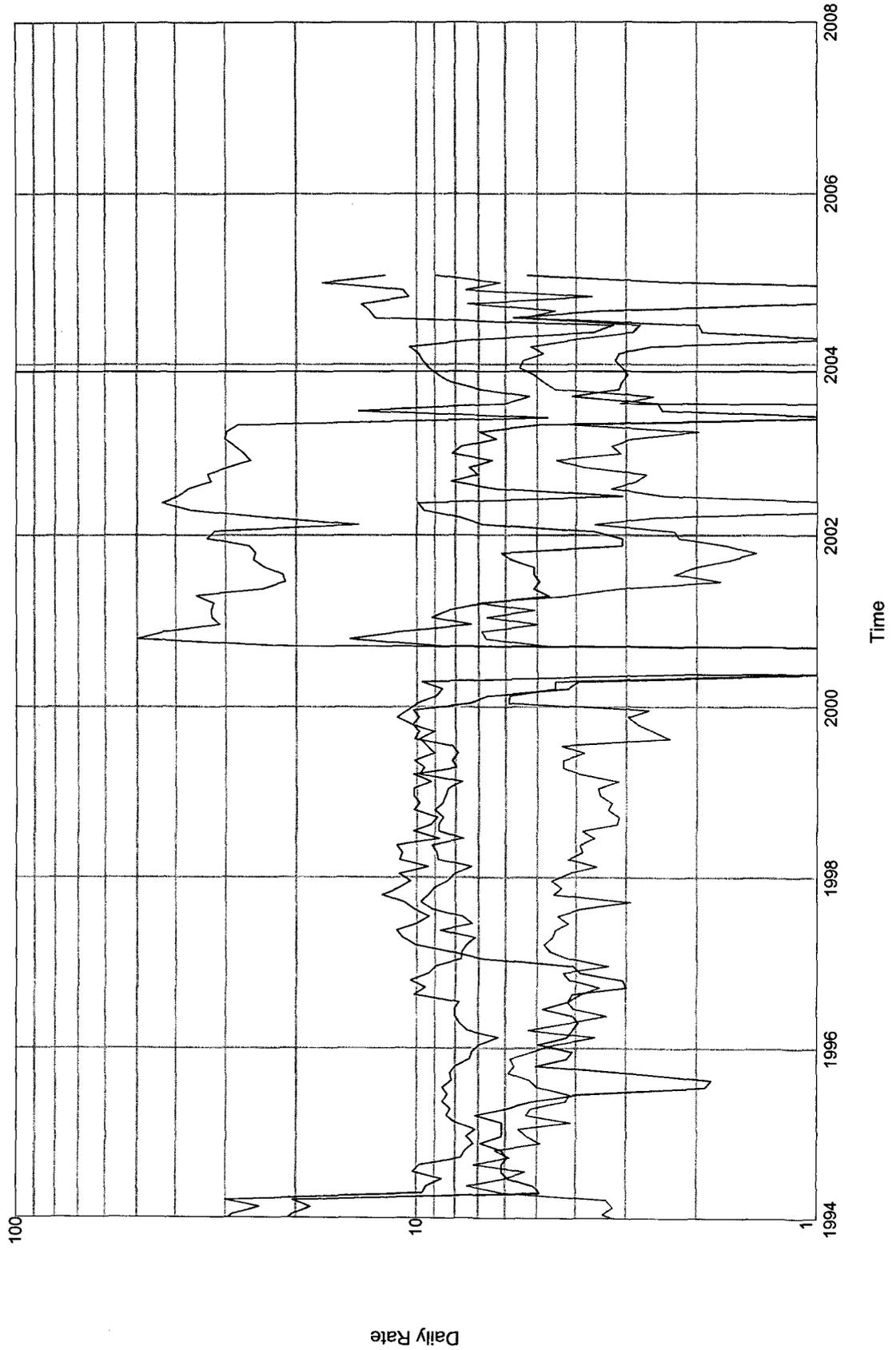
Lease Name: R E COLE NCT A (1)  
County, ST: LEA, NM  
Location: 16P 22S 37E

Project: C:\Program Files\IHS Energy\PowerTools v6.0\keith.mdb

Operator: CHEVRON U S A INCORPORATED  
Field Name: PENROSE-SKELLY

Date: 5/18/2005  
Time: 2:53 PM

PENROSE-SKELLY R E COLE NCT A (1) R E COLE NCT A 376,805 mcf 196,817 bbl



# Rate/Time Graph

Project: C:\Program Files\IHS Energy\PowerTools v6.0\keith.mdb

Date: 5/18/2005  
Time: 2:53 PM

Lease Name: R E COLE NCT A (17)  
County, ST: LEA, NM  
Location: 16P 22S 37E SW SE SE

Operator: CHEVRON U S A INCORPORATED  
Field Name: EUNICE SOUTHWEST

EUNICE SOUTHWEST R E COLE NCT A (17) R E COLE NCT A 108,710 mcf 6,148 bbl

