

DATE IN 5.23.05	RECEIVED SUSPENSE	ENGINEER Jones	LOGGED 5.23.05	TYPE DHC-3767
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MAY 23 2005

ABOVE THIS LINE FOR DIVISION USE ONLY

OIL CONSERVATION  
DIVISION

NEW MEXICO OIL CONSERVATION DIVISION  
- Engineering Bureau -

Psemo514349734

## 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 #17

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 #17, API #30-025-25356. The #17 is located 330' FSL 757' FEL, Unit P, Section 16, T-22S, R-37E, Lea County, NM.

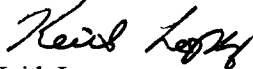
The RE Cole A #17 was drilled as a Montoya producer in 1977. It was then plugged back to the McCormick Silurian, then the Drinkard in 77', then the Blinbry in 83', and later to the San Andres in 01'. Chevron Corporation proposes to complete the Grayburg interval and DHC with the current producing San Andres.

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. Both wells lie on the same 40 acres, giving a good view of the production allocations. The RE Cole A #1 is to be plugged and the Grayburg interval in the #17 should recover the remaining reserves on the 40. Also, included is a proposed well schematic diagram for the RE Cole A #17, well tests, C107A, a C102 for each zone, a lease plat, and supporting production data from offset completions (RE Cole A #1). 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

Chevron Corporation  
Operator

15 Smith Road, Midland TX 79705  
Address

RE Cole A  
Lease

#17

P-16-22S-37E

United States

Well No.

Unit Letter-Section-Township-Range

County

OGRID No. 4323 Property Code 2597 API No. 30-025-25356 Lease Type: ☐ Federal ☒ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Penrose Skelly - GRBS oil		Eunice San Andres Southwest OIL
Pool Code	50350		24180
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	3650'-3750'		3774'-3892'
Method of Production (Flowing or Artificial Lift)	Artificial Lift, pending OCD approval		Artificial Lift
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 18.18% Gas 66.66%

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones?  
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?

Yes ☒ No ☐  
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

OIL CONSERVATION  
DIVISION

PATRICK H. LYONS  
COMMISSIONER



*State of New Mexico*  
*Commissioner of Public Lands*

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

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. 17  
Unit Letter P, 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. 17 located in Unit Letter P, 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

f OCD--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 #17  
330' FSL & 757' FEL, Unit P  
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 #17**

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

**Perforated Intervals**

Penrose Skelly (3650'-3750') Pending Approval  
Eunice San Andres Southwest (3774'-3898')

**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
<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.

☐ **AMENDED REPORT**

# WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number <b>30-025-25356</b>	<sup>2</sup> Pool Code <b>50350</b>	<sup>3</sup> Pool Name <b>Penrose Skelly; Grayburg</b>	
<sup>4</sup> Property Code <b>2597</b>	<sup>5</sup> Property Name <b>RE Cole A</b>		<sup>6</sup> Well Number <b>17</b>
<sup>7</sup> OGRID No. <b>4323</b>	<sup>8</sup> Operator Name <b>Chevron Corporation</b>		<sup>9</sup> Elevation <b>3378'</b>

<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
P	16	22S	37E		330'	South	757'	East	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**

<div style="border: 1px solid black; height: 100%; position: relative;"><div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; border: 1px solid black; border-style: dashed;"></div><div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); font-size: 2em; font-weight: bold;">16</div></div>	<div style="border: 1px solid black; padding: 5px;"><h3 style="text-align: center; margin: 0;">OPERATOR CERTIFICATION</h3><p style="margin: 5px 0;"><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="margin-top: 20px;"><div style="border-bottom: 1px solid black; text-align: center; margin-bottom: 5px;"></div><div style="display: flex; justify-content: space-between;"><div>Signature</div><div><b>Keith Lopez</b></div></div><div style="display: flex; justify-content: space-between; margin-top: 5px;"><div>Printed Name</div><div><b>Petr. Engineer</b></div></div><div style="display: flex; justify-content: space-between; margin-top: 5px;"><div>Title</div><div><b>May 18, 2005</b></div></div></div></div>
<div style="border: 1px solid black; height: 100%; position: relative;"><div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; border: 1px solid black; border-style: dashed;"></div><div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); font-size: 2em; font-weight: bold;">16</div></div>	<div style="border: 1px solid black; padding: 5px;"><div style="border: 1px solid black; height: 100%; position: relative;"><div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; border: 1px solid black; border-style: dashed;"></div><div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); font-size: 2em; font-weight: bold;">18</div></div><div style="margin-top: 10px;"><h3 style="text-align: center; margin: 0;">SURVEYOR CERTIFICATION</h3><p style="margin: 5px 0;"><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><div style="margin-top: 20px;"><div style="border-bottom: 1px solid black; text-align: center; margin-bottom: 5px;"></div><div>Signature and Seal of Professional Surveyor:</div></div><div style="margin-top: 20px; text-align: center;"><div style="border-bottom: 1px solid black; width: 100%;"></div><div>Certificate Number</div></div></div></div>

40-acre proration unit







Field: Eunice San Andres SW/Penrose Skel Reservoir: Grayburg/San Andru

<b>Perfs:</b>	<b>Status:</b>
3650'-3750'	Grayburg - Open
<b>Perfs:</b>	<b>Status:</b>
3774'	San Andres - Open
3782'	San Andres - Open
3796'	San Andres - Open
3802-04'	San Andres - Open
3812'	San Andres - Open
3854'	San Andres - Open
3862-64'	San Andres - Open
3874'	San Andres - Open
3882-86'	San Andres - Open
3892-98'	San Andres - Open
5509-11'	Blinebry - Below CIBP
5523-25'	Blinebry - Below CIBP
5573-75'	Blinebry - Below CIBP
5610-12'	Blinebry - Below CIBP
5653-55'	Blinebry - Below CIBP
5680-82'	Blinebry - Below CIBP
5705-07'	Blinebry - Below CIBP
5742-44'	Blinebry - Below CIBP
6308-10'	Drinkard - Below CIBP
6354-56'	Drinkard - Below CIBP
6399-6401'	Drinkard - Below CIBP
6426-28'	Drinkard - Below CIBP
6470-72'	Drinkard - Below CIBP
6515-17'	Drinkard - Below CIBP
7049-51'	Silurian - Below CIBP
7078-80'	Silurian - Below CIBP
7096-98'	Silurian - Below CIBP
7124-26'	Silurian - Below CIBP
7184-86'	Montoya - Below CIBP
7232-34'	Montoya - Below CIBP
7267-69'	Montoya - Below CIBP
7313-15'	Montoya - Below CIBP
<b>Prod. Csg: 7", 23# &amp; 26#, K-55 &amp; N-80</b>	
<b>Set: @ 7337' w/ 1525 sks</b>	
<b>Hole Size: 8 3/4"</b>	
<b>Circ: Yes    TOC: Surface</b>	
<b>TOC By: Circulated</b>	

# WELL TEST REPORT

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

Field: **EUNICE, SOUTHWEST**

Reservoir: **SAN AND**

Well: **17**

Field Code: **LB1**

Resv Code: **00000090**

Unique Code: **UCLB10100**

Battery: **COLE-A #**

Wellbore: **044863**

API No: **30025253**

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

# WELL TEST REPORT

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

Field: **PENROSE SKELLY**

Reservoir: **GRAYBURG**

Well: **1**

Field Code: **U49**

Resv Code: **0000006848**

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

# Rate/Time Graph

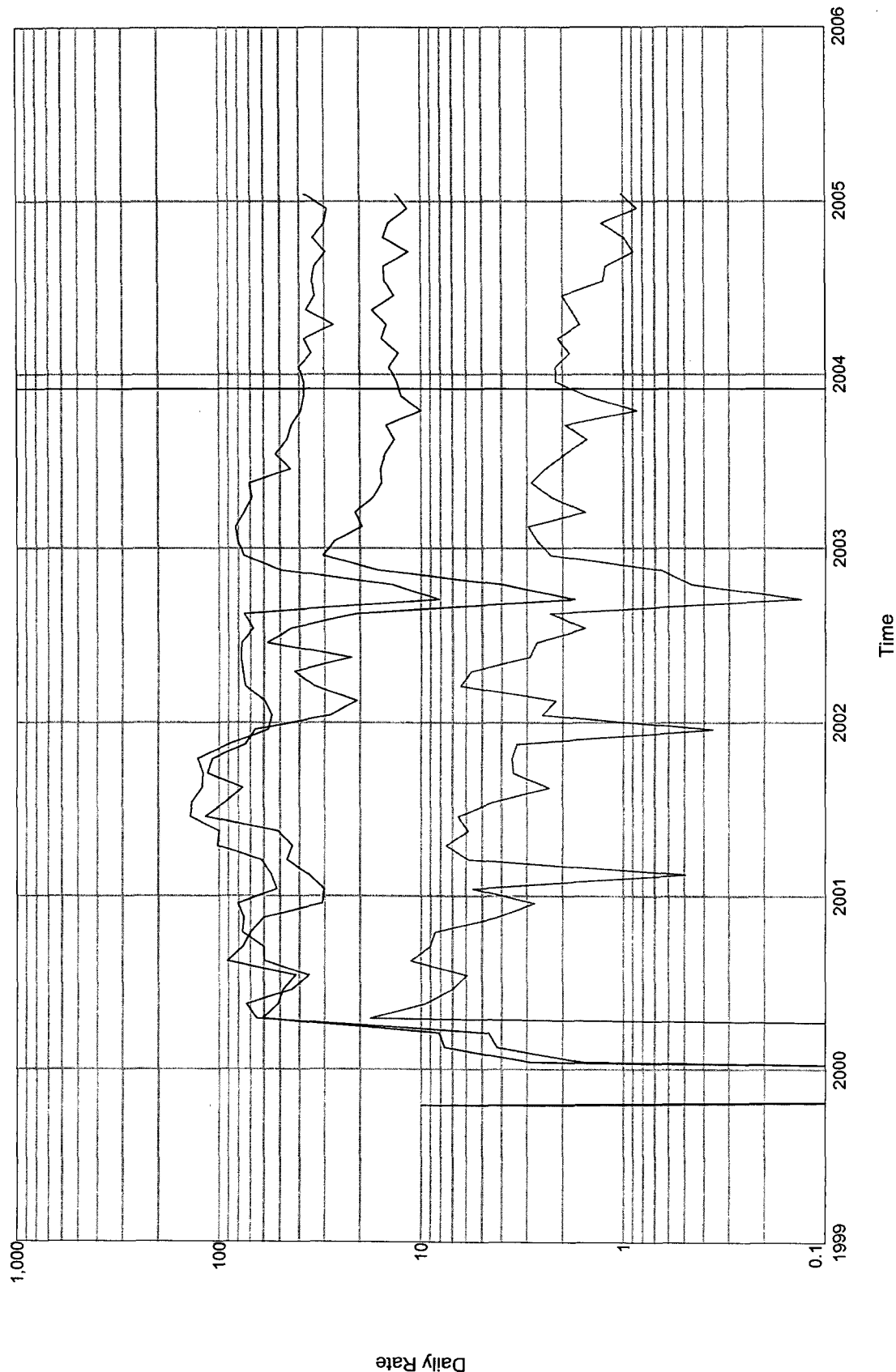
Lease Name: R E COLE NCT A (17)  
County, ST: LEA, NM  
Location: 16P 22S 37E SW SE SE

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

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

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

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



# 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

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

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

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

