

DATE IN 2/6/06	SUSPENSE	ENGINEER WILL	LOGGED 2/6/06	TYPE PTDSOL03749211
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -

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

2006 FEB 6 PM 1 00

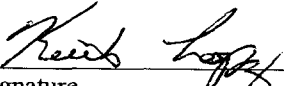
[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply

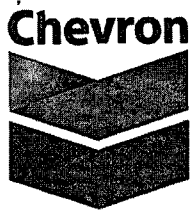
- [A] Working, Royalty or Overriding Royalty Interest Owners
- [B] Offset Operators, Leaseholders or Surface Owner
- [C] Application is One Which Requires Published Legal Notice
- [D] ☒ Notification and/or Concurrent Approval by BLM or SLO
 U.S. Bureau of Land Management - Commissioner of Public Lands, 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		Petro. Engineer	1/11/2006
Print or Type Name	Signature	Title	Date



Keith Lopez
Petroleum Engineer
Permian Basin

Mid-Continent Business Unit
Chevron U.S.A. Inc.
15 Smith Rd.
Midland, Texas 79705
Tel 432-687-7120
Fax 432-687-7871
lopk@chevron.com

January 30, 2006

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 #15

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 #15, API #30-025-24763. The #15 is located 1980' FSL 825' FWL, Unit L, Section 16, T-22S, R-37E, Lea County, NM.

The RE Cole A #15 was drilled as a Drinkard producer in 1974. It was then plugged back to the Blinbry in 81', and then plugged back to the San Andres in 99'. Chevron 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. Also, included is a proposed well schematic diagram for the RE Cole A #15, well tests, C107A, a C102 for each zone, a lease plat, and supporting production data from offset completions (RE Cole A #17 & 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@CHEVRON.COM.

Sincerely,

A handwritten signature in black ink that reads "Keith Lopez". The signature is written in a cursive, flowing style.

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 15 Smith Road, Midland TX 79705
Operator Address

RE Cole A #15 L-16-22S-37E United States
Lease Well No. Unit Letter-Section-Township-Range County

OGRID No. 4323 Property Code 2597 API No. 30-025-24763 Lease Type: ☐ Federal ☒ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Penrose Skelly - CRIST BURG		Eunice San Andres Southwest
Pool Code	50350		24180
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	3650'-3766'		3766'-3924'
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 Gas 81.82% 33.33%	Oil Gas % %	Oil Gas 18.18% 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 1/11/2006

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

E-MAIL ADDRESS lopk@chevron.com

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 #15
1980' FSL & 825' FWL, Unit L
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 #15

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

Perforated Intervals

Penrose Skelly (3650'-3766') Pending Approval
Eunice San Andres Southwest (3766'-3924')

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
Totals	11	20	42	

<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.
Totals	100.00	100.00	99.99	

Ownership

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

State / Federal Land Notification

Well is on a state lease.

Well: **R. E. Cole (NCT-A) # 15**

Field: **Eunice; San Andres, SW**

Reservoir: **San Andres**

Location:

1980' FSL & 825' FWL

Section: 16

Township: 22S

Range: 37E

County: Lea State: NM

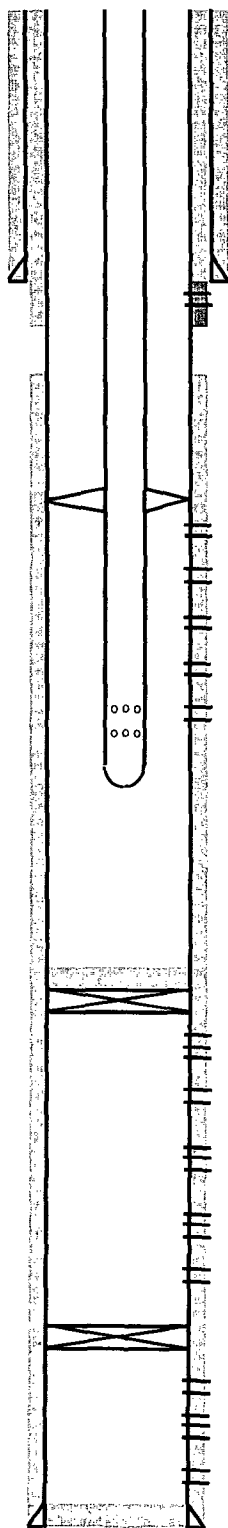
Elevations:

GL: 3400'

KB: 3412'

DF: 3411'

**Current
Wellbore Diagram**



Well ID Info:

Chevno: EO0014

API No: 30-025-24763

L5/L6: LB10100

Spud Date: 7/6/74

Compl. Date: 8/2/74

Surface Csg: 8 5/8", 24#, K-55

Set: @ 1144' w/ 600 sks

Hole Size: 12 1/4"

Circ: Yes **TOC:** Surface

TOC By: Circulated

Blk Sqz Perfs @ 1175'

(Sqzd w/ 300 sks on 7/13/81.

Cmt circ to surface.)

Perfs:

3766-72'

3784-86'

3795-99'

3809-11'

3820-23'

3843-45'

3855-57'

3863-65'

3870-74'

3892-93'

3903-05'

3915-17'

3922-24'

Status:

San Andres - Open

San Andres - Open

San Andres - Open

San Andres - Open

San Andres - Open

San Andres - Open

San Andres - Open

San Andres - Open

San Andres - Open

San Andres - Open

San Andres - Open

San Andres - Open

San Andres - Open

5459-61'

Blinebry - Below CIBP

5472-74'

Blinebry - Below CIBP

5488-90'

Blinebry - Below CIBP

5501-03'

Blinebry - Below CIBP

5516-18'

Blinebry - Below CIBP

5528-30'

Blinebry - Below CIBP

5546-48'

Blinebry - Below CIBP

5580-82'

Blinebry - Below CIBP

6398-6400'

Drinkard - Below CIBP

6467-69'

Drinkard - Below CIBP

6494-96'

Drinkard - Below CIBP

6520-22'

Drinkard - Below CIBP

6548-50'

Drinkard - Below CIBP

6570-72'

Drinkard - Below CIBP

Prod. Csg: 5 1/2", 14#, 15.5#, & 17#, K-55 & N-80

Set: @ 6700' w/ 750 sks

Hole Size: 7 7/8"

Circ: No **TOC:** 2330'

TOC By: Temperature Survey

CIBP @ 5376'
(24' cmt on top)

CIBP @ 6340'

COTD: 5352'

PBTD: 5352'

TD: 6700'

Updated: 4/27/2000

By: A. M. Howell

Well: **R. E. Cole (NCT-A) # 15**

Field: **Eunice; San Andres, SW/Penrose Skell** Reservoir: **Grayburg/San Andre**

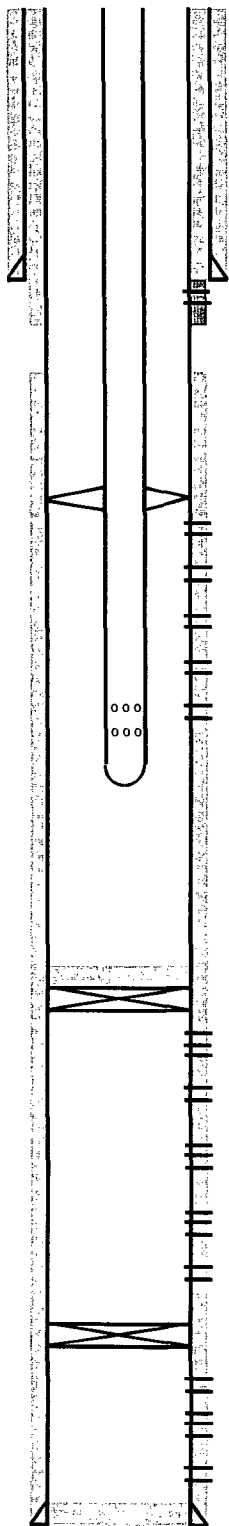
Location:

1980' FSL & 825' FWL
Section: 16
Township: 22S
Range: 37E
County: Lea State: NM

Elevations:

GL: 3400'
KB: 3412'
DF: 3411'

**Proposed
Wellbore Diagram**



Well ID Info:

Chevno: EO0014
API No: 30-025-24763
L5/L6: LB10100
Spud Date: 7/6/74
Compl. Date: 8/2/74

Surface Csg: 8 5/8", 24#, K-55
Set: @ 1144' w/ 600 sks
Hole Size: 12 1/4"
Circ: Yes **TOC:** Surface
TOC By: Circulated

Blk Sqz Perfs @ 1175'
(Sqzd w/ 300 sks on 7/13/81.
Cmt circ to surface.)

Perfs:	Status:
3624'-3762'	Grayburg - Open
3766-3922'	San Andres - Open

CIBP @ 5376'
(24' cmt on top)

5459-61'	Blinebry - Below CIBP
5472-74'	Blinebry - Below CIBP
5488-90'	Blinebry - Below CIBP
5501-03'	Blinebry - Below CIBP
5516-18'	Blinebry - Below CIBP
5528-30'	Blinebry - Below CIBP
5546-48'	Blinebry - Below CIBP
5580-82'	Blinebry - Below CIBP

CIBP @ 6340'

6398-6400'	Drinkard - Below CIBP
6467-69'	Drinkard - Below CIBP
6494-96'	Drinkard - Below CIBP
6520-22'	Drinkard - Below CIBP
6548-50'	Drinkard - Below CIBP
6570-72'	Drinkard - Below CIBP

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Circ: No **TOC:** 2330'
TOC By: Temperature Survey

Updated: 1/11/2006

By: Keith Lopez

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

¹ API Number 30-025-24763	² Pool Code 24180	³ Pool Name Eunice San Andres Southwest
⁴ Property Code 2597	⁵ Property Name RE Cole A	⁶ Well Number 15
⁷ OGRID No. 4323	⁸ Operator Name Chevron Corporation	⁹ Elevation 3400'

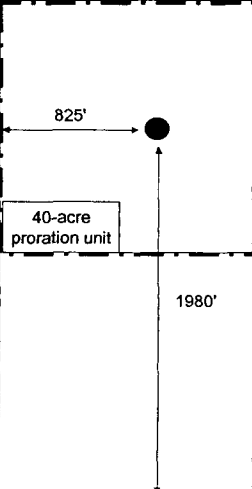
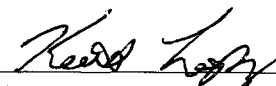
¹⁰ Surface Location

UL or Lot No. L	Section 16	Township 22S	Range 37E	Lot Idn	Feet from the 1980'	North/South line South	Feet from the 825'	East/West line West	County Lea
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¹¹ 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
¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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

16 	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature Printed Name Keith Lopez Petr. Engineer Title January 11, 2006
	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

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
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-24763	² Pool Code 50350	³ Pool Name Penrose Skelly; Grayburg
⁴ Property Code 2597	⁵ Property Name RE Cole A	⁶ Well Number 15
⁷ OGRID No. 4323	⁸ Operator Name Chevron Corporation	⁹ Elevation 3400'

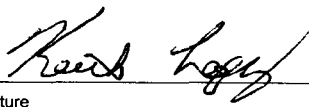
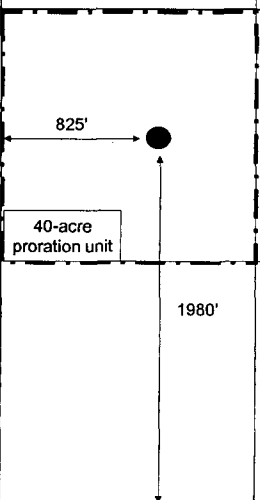
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					18 SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i> Signature and Seal of Professional Surveyor: Certificate Number

WELL TEST REPORT

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

Field: **EUNICE, SOUTHWEST**

Reservoir: **SAN ANDRES**

Well: **15**

Field Code: **LB1**

Resv Code: **0000009011**

Unique Code: **UCLB10100**

Battery: **COLE-A #5**

Wellbore: **044893**

API No: **300252476300**

Test Date	BOPD	BWPD	MCFPD	Tbg PSI	GOR	% Oil	Comp No.	Status	Remarks	Fluid Level	Fid Lvl Date	BTFPD
6/9/02	7	79	169	50	24899	7.9	02	PR		2939	5/24/02	86
6/8/02	7	80	147	50	21978	7.7	02	PR		2939	5/24/02	87
6/8/02	7	80	147	50	21978	7.7	02	PR		2939	5/24/02	87
5/24/02	7	75	90	50	12568	8.7	02	PR		2939	5/24/02	82
4/28/02	6	63	99	50	16422	8.7	02	PR		3317	4/27/02	69
4/27/02	6	70	97	50	16225	7.9	02	PR		3317	4/27/02	76
4/16/02	6	72	103	50	17480	7.6	02	PR		3950	3/24/02	78
3/24/02	4	56	128	50	32108	6.7	02	PR		3950	3/24/02	60
1/11/02	5	72	104	50	20784	6.5	02	PR		4206	10/10/01	77
11/10/01	3	120	108	50	35947	2.4	02	PR		4206	10/10/01	123
10/17/01	2	120	98	50	49020	1.6	02	PR		4206	10/10/01	122
9/4/01	4	125	88	50	22058	3.1	02	PR		4206	7/11/01	129
7/11/01	2	150	113	50	56370	1.3	02	PR		4206	7/11/01	152
6/4/01	2	200	123	50	61275	1.0	02	PR		2500	5/23/01	202
5/23/2001	3	100	98	50	32680	2.9	02	PR		2500	5/23/2001	103
5/7/2001	7	75	88	50	12604	8.5	02	PR		3500	4/3/2001	82
4/3/2001	8	156	93	50	11641	4.9	02	PR		3500	4/3/2001	164
3/30/2001	4	205	103	50	25735	1.9	02	PR		3500	3/6/2001	209
3/7/2001	15	156	118	50	7843	8.8	02	PR		3500	3/6/2001	171
12/3/2000	4	52	47	50	11765	7.1	02	PR		3950	8/29/2000	56
11/19/2000	4	60	64	50	15930	6.3	02	PR		3950	8/29/2000	64
10/6/2000	12	82	86	50	7189	12.8	02	PR		3950	8/29/2000	94
9/3/2000	7	84	88	50	12604	7.7	02	PR		3950	8/29/2000	91
9/3/2000	7	84	88	50	12604	7.7	02	PR		3950	8/29/2000	91
8/31/2000	5	81	85	50	17058	5.8	02	PR		3950	8/29/2000	86
8/31/2000	5	81	85	50	17058	5.8	02	PR		3950	8/29/2000	86
7/16/2000	27	135	162	30	5991	16.7	02	PR		2800	4/7/2000	162
7/16/2000	27	135	162	30	5991	16.7	02	PR		2800	4/7/2000	162
7/13/2000	27	150	165	30	6100	15.3	02	PR		2800	4/7/2000	177
7/13/2000	27	150	165	30	6100	15.3	02	PR		2800	4/7/2000	177
6/16/2000	6	90	83	20	13888	6.3	02	PR		2800	4/7/2000	96
6/16/2000	6	90	83	20	13888	6.3	02	PR		2800	4/7/2000	96
6/15/2000	7	84	33	20	4761	7.7	02	PR		2800	4/7/2000	91
6/15/2000	7	84	33	20	4761	7.7	02	PR		2800	4/7/2000	91
1/13/2000	1	18	5		4900	5.3	02	PR			1/19/2000	19
1/13/2000	1	18	5		4900	5.3	02	PR			1/19/2000	19
3/10/1993	1	308	15		15000	0.3	01	FL			1/1/1985	309
2/11/1993	1	310	15		15000	0.3	01	FL			1/1/1985	311
1/10/1993	1	308	15		15000	0.3	01	FL			1/1/1985	309
12/10/199	1	308	12		12000	0.3	01	FL			1/1/1985	309
11/10/199	1	310	12		12000	0.3	01	FL			1/1/1985	311
10/10/199	2	308	14		7000	0.6	01	FL			1/1/1985	310
					#VALUE!	#####						
					#VALUE!	#####						

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	Fid Lvl Date	BTFPD
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

WELL TEST REPORT

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

Field: **EUNICE, SOUTHWEST**

Reservoir: **SAN ANDRES**

Well: **17**

Field Code: **LB1**

Resv Code: **0000009011**

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
5/13/05	2	13	30	150	15000	13.3	03	PR		4199	5/20/05	15
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
4/20/2004	2	19	39	150	19500	9.5	03	PR		4188	3/25/2004	21
3/10/2004	2	15	38	150	18095	12.3	03	PR		4188	3/25/2004	17
2/27/2004	2	16	42	150	17500	13.0	03	PR		4174	1/20/2004	18
1/16/2004	2	15	40	150	20000	11.8	03	PR		4174	1/20/2004	17
12/2/2003	2	13	38	150	19000	13.3	03	PR		4184	10/13/2003	15
11/11/2003	2	15	40	150	20000	11.8	03	PR		4184	10/13/2003	17
10/9/2003	1	8	37	150	74000	5.9	03	PR		4184	10/13/2003	9
9/14/2003	2	15	45	150	22500	11.8	03	PR		4172	9/30/2003	17
8/1/2003	2	15	50	150	25000	11.8	03	PR		3815	7/19/2003	17
7/10/2003	2	15	51	150	24286	12.7	03	PR		3815	7/19/2003	17
6/10/2003	2	16	46	150	23000	11.1	03	PR		3784	6/11/2003	18
5/22/2003	2	16	56	150	28000	11.1	03	PR		4175	5/22/2003	18
4/21/2003	3	15	75	150	22059	18.5	03	PR		4210	4/30/2003	18
3/12/2003	2	20	73	150	36500	9.1	03	PR		4219	3/14/2003	22
2/12/2003	3	22	80	150	26667	12.0	03	PR		4212	1/16/2003	25
1/20/2003	3	20	82	150	27333	13.0	03	PR		4212	1/16/2003	23
11/11/2002	3	30	84	150	28000	9.1	03	PR		3229	11/11/2002	33
11/11/2002	3	30	84	150	28000	9.1	03	PR		3229	11/11/2002	33
10/10/2002	3	20	80	150	30769	11.5	03	PR		4187	8/14/2002	23
9/1/2002	3	19	83	150	27627	13.6	03	PR		4187	8/14/2002	22
8/13/2002	3	19	83	150	27627	13.6	03	PR		4187	8/14/2002	22
7/15/2002	1	24	84	150	83850	4.0	03	PR		4198	7/21/2002	25
6/11/2002	4	77	83	200	20285	5.1	03	PR		3799	6/11/2002	81
6/11/2002	4	77	83	200	20285	5.1	03	PR		3799	6/11/2002	81
5/1/2002	4	22	61	75	14440	16.0	03	PR		3689	5/1/2002	26
3/12/2002	7	43	73	200	10447	14.0	03	PR		3720	3/12/2002	50
1/3/2002	2	26	59	200	29250	7.1	03	PR		4160	10/10/2001	28
11/13/2001	3	65	98	200	32500	4.4	03	PR		4160	10/10/2001	68
10/17/2001	3	90	146	200	48753	3.2	03	PR		4160	10/10/2001	93
9/4/2001	5	120	122	200	24376	4.0	03	PR		4160	7/11/2001	125

[illegible]