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Aubrey Dunn
COMMISSIONER

State of New Mexico
Commissioner of Public Lands

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

2016 MAR 25 6:00 PM
COMMISSIONER'S OFFICE
Phone (505) 827-5760
Fax (505) 827-5766
www.nmstatelands.org

February 25, 2016

MRC Delaware Resources, LLC
500 North Main Street
Suite One
Roswell, New Mexico 88202-1936

Attn: Ms. Melissa Randle

Re: 2015 Plan of Development
Richardson Unit
Lea County, New Mexico

Dear Ms. Randle:

The Commissioner of Public Lands has, of this date, approved the referenced Plan of Development. Our approval is subject to like approval by all other appropriate agencies. The possibility of drainage by wells outside the unit area, and the need for further development of the unit may exist; therefore, we may contact you at a later date regarding these possibilities.

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

Very truly yours,

A handwritten signature in black ink, appearing to read "Aubrey Dunn", is written over the typed name and title.

AUBREY DUNN
COMMISSIONER OF PUBLIC LANDS

AD/sk
xc: Reader File
OCD-Daniel Sanchez
BLM Farmington – Cynthia Marquez



Aubrey Dunn
COMMISSIONER

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March 17, 2015

Nadel and Gussman Heyco, LLC
PO Box 1933
Roswell, NM 88202
Attn: Melissa Randle

RE: Richardson Unit

Attn: Ms. Melissa Randle

Dear Ms. Randle:

This office is in the process of reviewing all oil and gas units that contain New Mexico State Trust Lands. Our records reflect Nadel and Gussman Heyco, LLC is the current operator for the Richardson Unit, and it has come to our attention that, in some cases, we are not receiving required unit information including current Plans of Development. Many 2015 Plans of Development are due to the OCD, the BLM, and this office in the near future, we would like to take this opportunity to remind you to submit them on a timely basis. Please refer to your Unit Agreement regarding the due dates for submittal of Plans of Development.

Your Unit Agreement may state that Plans of Development are to be filed from "time to time", or whenever a change in the current Plan of Development is necessary. If your Unit falls under this category please submit a current Plan of Development to this office by April 15, 2015.

In order to help you put together your 2015 Plan of Development, we have included a list of the information to be submitted to this office. We recognize the time involved in putting together the Unit Plans of Development and appreciate your cooperation in this matter.

Plans of Development

Please include the following when submitting current Plans of Development.

- 1.) A summary of the 2014 unit activities including new wells drilled, wells completed, wells shut in, dry holes, and wells converted to injection.
- 2.) If you have not submitted a Plan of Development within the past 12 months, please include a summary of unit activities since your last Plan of Development was approved by the Commissioner of Public Lands.
- 3.) A summary of the anticipated unit activity for 2015 including the wells to be drilled, worked over, shut in or converted to injection wells.
- 4.) A list of the wells in the unit indicating which ones are currently producing, shut in, or are injection wells. Please identify which wells are unit wells and which produce on a lease basis and the formation and pool from which they produce.
- 5.) The monthly production history of each well in the unit for the past two years. This may be a production decline graph or it may be in tabular form.

W: 6981
C: 7567

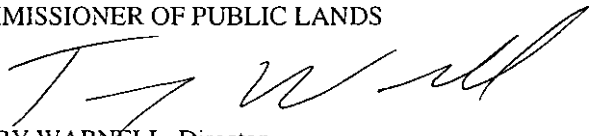
RECEIVED OCD
2015 MAR 23 P 2:29

- 6.) Current copies of Exhibits A and B to the Unit Agreement and current maps of existing participating areas.

If you have any questions, please contact Mr. Pete Martinez at (505)-827-5791.

Very truly yours,

AUBREY DUNN
COMMISSIONER OF PUBLIC LANDS

BY: 
TERRY WARNELL, Director
Oil, Gas and Minerals Division

AD/TW/sk
xc: Reader File
OCD-Daniel Martinez
BLM – Attn: Ed Fernandez



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www.nmstatelands.org

March 6, 2015

BOPCO, LP
201 Main Street, Suite 2700
Fort Worth, TX 76102

366

Attn: Mr. Andy Morrison

Re: 2015 Plan of Development
Poker Lake Unit
Eddy County, New Mexico

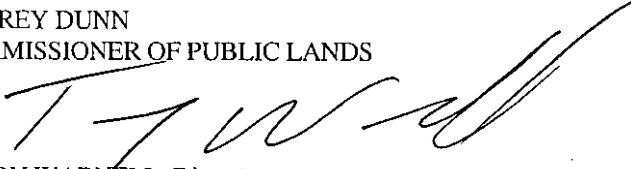
Dear Mr. Morrison:

The Commissioner of Public Lands has, of this date, approved the referenced Plan of Development. Our approval is subject to like approval by all other appropriate agencies. The possibility of drainage by wells outside the unit area, and the need for further development of the unit may exist; therefore, we may contact you at a later date regarding these possibilities.

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

Very truly yours,

AUBREY DUNN
COMMISSIONER OF PUBLIC LANDS

BY: 
TERRY WARNELL, Director
Oil, Gas and Minerals Division
AD/TW/sk
xc: Reader File
OCD-Daniel Sanchez
BLM Carlsbad - Ed Fernandez

MRC Delaware Resources, LLC

500 North Main Street, Suite One, Roswell, New Mexico 88201
Mailing Address: P.O. Box 1936, Roswell, New Mexico 88202-1936
Voice 575-623-6601 • Fax 575-627-2427
mrandle@matadorresources.com

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2016 MAR -3 P 2:33

Melissa Randle
Senior Landman, Permian Basin

March 2, 2016

Oil Conservation Division
1220 S. St Francis Drive
Santa Fe, New Mexico 87505

Attention: David Catanach
Division Director

R! 6981
C! 7567

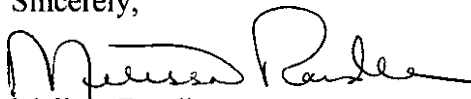
Re: 2016 PLAN OF DEVELOPMENT
AND OPERATIONS
RICHARDSON UNIT
T-13 & 14S, R-36E, N.M.P.M.
Lea County, New Mexico

Ladies & Gentlemen:

Attached is a copy of the 2016 Plan of Development and Operations for the Richardson Unit, with pertinent enclosures, which has been submitted to the Commissioner of Public Lands for approval.

Matador Production Company respectfully requests your approval of this 2016 Plan of Development.

Sincerely,



Melissa Randle
Senior Landman, Permian Basin

Matador Production Company

500 North Main Street, Suite One, Roswell, New Mexico 88201
Mailing Address: P.O. Box 1936, Roswell, New Mexico 88202-1936
Voice 575.627.2430 • Fax 972.629.2168
mrandle@matadorresources.com

Melissa Randle
Senior Landman

February 29, 2016

Commissioner of Public Lands
P.O. Box 1148
Santa Fe, New Mexico 87501

Attention: Pete Martinez
Units Manager

Re: 2016 PLAN OF DEVELOPMENT
RICHARDSON UNIT
T-13 & 14S, R-36E, N.M.P.M.
Lea County, New Mexico (the "Unit")

Dear Mr. Martinez:

As prescribed by Section 9 of the Richardson Unit Agreement, Matador Production Company (Matador) as successor operator to Harvey E. Yates Company (HEYCO), hereby submits this 2016 Plan of Development.

There is one (1) producing well in the Unit, being the Richardson Unit #1 located at 660' FSL and 660' FWL of Sec. 32, T13S-R36E. Matador has prepared and attached hereto, the 2014 & 2015 production reports for this well, a production plot for the well and a plat of the Unit indicating the Unit boundary and the location of the active well.

HISTORY OF THE RICHARDSON UNIT

The Richardson Unit #1 well (the "Well") was spud in May of 1982 and was completed from a plugged back depth of 13,393 ft as a producing gas well from the Upper Mississippian Austin formation on November 10, 1982 (Perforated interval from 13,360 ft to 13,405 ft) and brought on line in late 1984. The Well is still active and producing (see the attached 2014-2015 production report and graph). This initial Unit Well was, at the time, a direct offset to the Richardson Fee #1 well, a Mississippian Austin well completed in February of 1982. Two other wells were drilled in the immediate area, the Richardson Fee #2 which was drilled later in 1982 as a SE offset to the unit and later converted to a SWD well in 1983, and the Richardson Fee #3, a shallower Pennsylvanian test completed from a plugged back depth of 10,445 ft as a Bough "C" well and is now plugged. The Unit contracted to its current boundary in 1994.

ANTICIPATED DEVELOPMENT

Summary of Activity

The most recent HEYCO activities in the Unit area have had some degree of success; a Mississippian Austin workover in the Austin Montieth Com #1 and a Wolfcamp/Bough carbonate workover completion in the Richardson Fee #1. No new Unit activities were undertaken by Matador in 2015, as additional studies are being planned in this area of the basin.

Development Plan

Matador is interested in and currently evaluating the potential for additional Tatum Basin horizontal potential in the unit acreage. Recent drilling activity nearby the Unit targeted oil and porosity development in the Upper Wolfcamp Hueco/Abo transition zone. Matador also believes possible deeper horizontal potential exists targeting Lower Wolfcamp & Upper Pennsylvanian unconventional reservoirs for oil and deeper Mississippian and Devonian source rocks for gas. For 2016, Matador is currently evaluating these options for the Unit acreage. Furthermore, Upper Mississippian Austin production will continue to be maintained from the existing Well.

Since Matador has taken over operations of the Richardson Unit, we have assigned a technical team to conduct regional studies using 3D seismic, petrophysical data and historical production and completion information. This team is exploring the viability of new cased hole logging technology that can be used to identify behind pipe pay in old wellbores. Additionally, in late 2015, Matador permitted and drilled the Olivine 05 16 37 TL State #001, about 12 miles southeast of the Richardson Unit. The technical team is currently evaluating whole core and open-hole logs taken from this well in an effort to determine the viability of future horizontal well development in the area and plans to drill a horizontal well later this year. If economically successful, Matador will consider drilling a test well in the Richardson Unit in 2016 or 2017.

Matador Production Company respectfully requests the Commissioner of Public Lands approve this proposed 2016 Plan of Development.

Sincerely,
MATADOR PRODUCTION COMPANY



Melissa Randle
Senior Landman, Permian Basin

✓ cc: Oil Conservation Division (w/enclosures)
1220 S. St Francis Drive
Santa Fe, New Mexico 87505

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McDONALD, 80

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AUSTIN, 57

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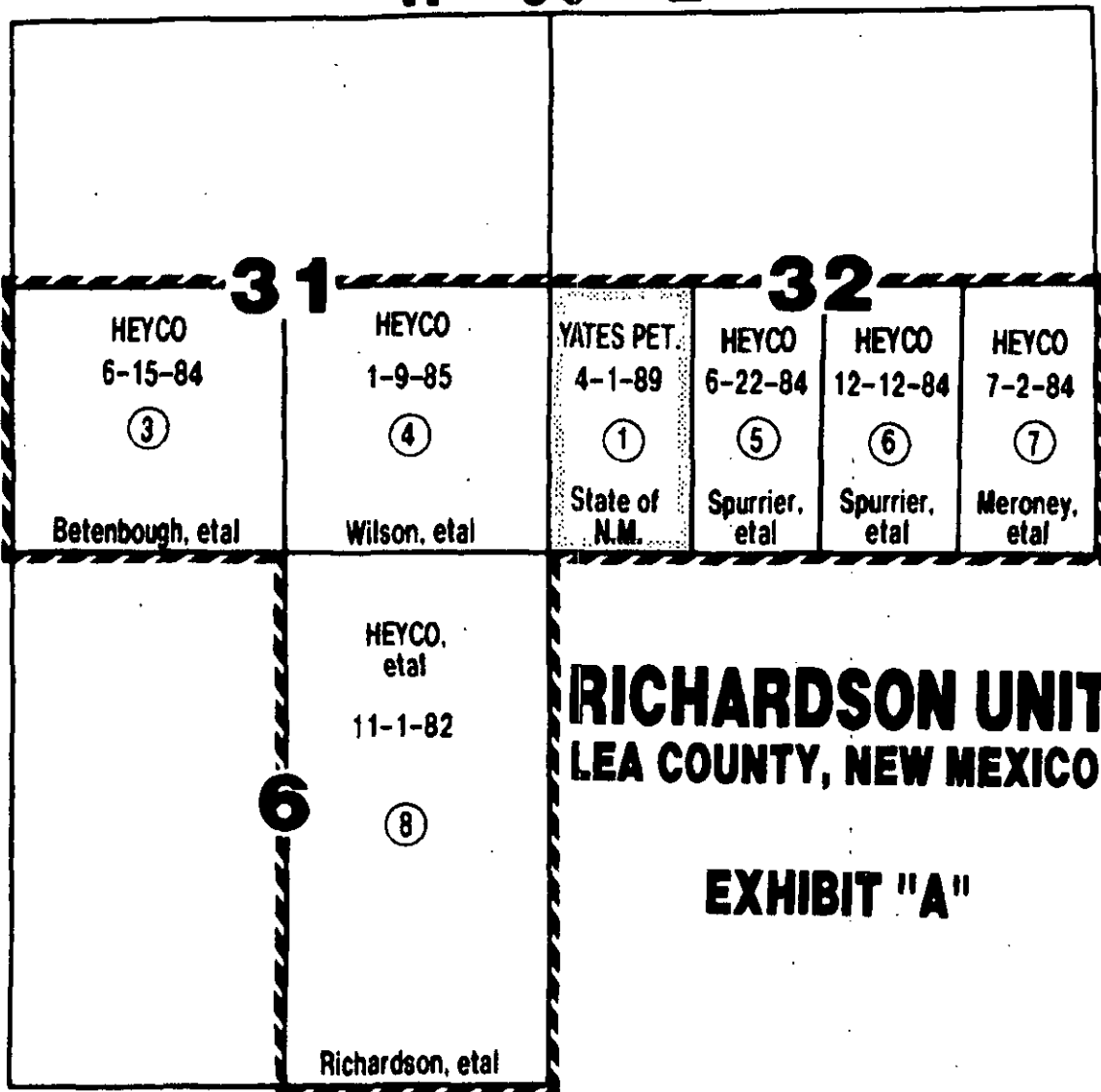
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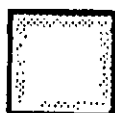
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RICHARDSON UNIT LEA COUNTY, NEW MEXICO

EXHIBIT "A"



STATE OF NEW MEXICO LANDS:
80.0 ACRES, 8.324489% OF UNIT AREA



PATENTED (FEE) LANDS:
881.02 ACRES, 91.675511% OF UNIT AREA

 UNIT OUTLINE

(6) TRACT NUMBER

961.02 REMAINING UNIT ACRES. (7 TRACTS)

RICHARDSON UNIT #1 (Only Well Active in Richardson Unit)

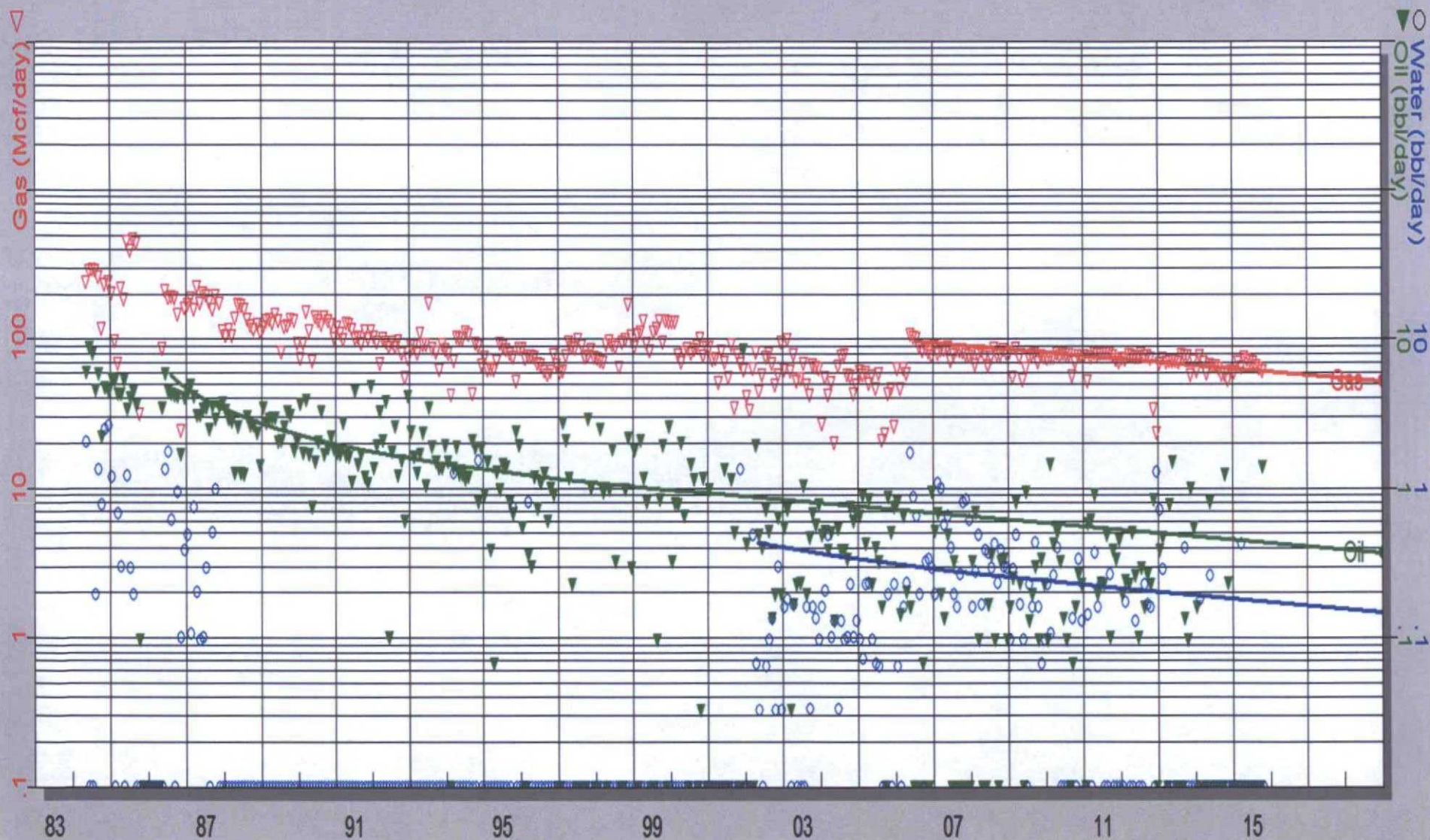
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AUSTIN; MISSISSIPPIAN (GAS) (70840) Lea County, New Mexico

Year	Pool	Production					
		Month	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days P/I	
2014	[70840] AUSTIN;MISSISSIPPIAN (GAS)	Jan	5	1898	0	31	
2014	[70840] AUSTIN;MISSISSIPPIAN (GAS)	Feb	0	2127	5	28	
2014	[70840] AUSTIN;MISSISSIPPIAN (GAS)	Mar	0	2144	0	31	
2014	[70840] AUSTIN;MISSISSIPPIAN (GAS)	Apr	0	1751	0	30	
2014	[70840] AUSTIN;MISSISSIPPIAN (GAS)	May	25	2075	8	31	
2014	[70840] AUSTIN;MISSISSIPPIAN (GAS)	Jun	0	1972	0	30	
2014	[70840] AUSTIN;MISSISSIPPIAN (GAS)	Jul	0	2047	0	31	
2014	[70840] AUSTIN;MISSISSIPPIAN (GAS)	Aug	0	1971	0	31	
2014	[70840] AUSTIN;MISSISSIPPIAN (GAS)	Sep	0	1706	0	30	
2014	[70840] AUSTIN;MISSISSIPPIAN (GAS)	Oct	38	1777	0	31	
2014	[70840] AUSTIN;MISSISSIPPIAN (GAS)	Nov	7	1579	0	30	
2014	[70840] AUSTIN;MISSISSIPPIAN (GAS)	Dec	0	1876	0	31	
2015	[70840] AUSTIN;MISSISSIPPIAN (GAS)	Jan	26	1850	0	24	
2015	[70840] AUSTIN;MISSISSIPPIAN (GAS)	Feb	0	1965	0	26	
2015	[70840] AUSTIN;MISSISSIPPIAN (GAS)	Mar	15	1992	13	25	
2015	[70840] AUSTIN;MISSISSIPPIAN (GAS)	Apr	0	2248	0	30	
2015	[70840] AUSTIN;MISSISSIPPIAN (GAS)	May	0	2178	0	31	
2015	[70840] AUSTIN;MISSISSIPPIAN (GAS)	Jun	0	2108	0	30	
2015	[70840] AUSTIN;MISSISSIPPIAN (GAS)	Jul	0	2069	0	31	
2015	[70840] AUSTIN;MISSISSIPPIAN (GAS)	Aug	0	2018	0	31	
2015	[70840] AUSTIN;MISSISSIPPIAN (GAS)	Sep	0	1908	0	30	
2015	[70840] AUSTIN;MISSISSIPPIAN (GAS)	Oct	43	1883	0	31	
2015	[70840] AUSTIN;MISSISSIPPIAN (GAS)	Nov	0	1626	23	3	
2015	[70840] AUSTIN;MISSISSIPPIAN (GAS)	Dec	40	1591	0	31	

RICHARDSON UNIT 1
MATADOR PRODUCTION CO.
Proved Producing

MISSISSIPPIAN





Aubrey Dunn
COMMISSIONER

State of New Mexico
Commissioner of Public Lands

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COMMISSIONER'S OFFICE

Phone (505) 827-5760

Fax (505) 827-5766

www.nmstatelands.org

October 30, 2015

Devon Energy Corporation
333 W. Sheridan Ave.
Oklahoma City, OK 73102-5010

Attn: Mr. Ryan Cloer

Re: 2015 Plan of Development
Cotton Draw Unit
Eddy and Lea County, New Mexico

Dear Mr. Cloer:

The Commissioner of Public Lands has, of this date, approved the referenced Plan of Development. Our approval is subject to like approval by all other appropriate agencies. The possibility of drainage by wells outside the unit area, and the need for further development of the unit may exist; therefore, we may contact you at a later date regarding these possibilities.

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

Very truly yours,

A handwritten signature in dark ink, appearing to read "Aubrey Dunn", is written over the typed name.

AUBREY DUNN
COMMISSIONER OF PUBLIC LANDS

AD/sk

xc: Reader File

OCD-Daniel Sanchez

BLM Farmington – Cynthia Marquez



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Aubrey Dunn
COMMISSIONER

2015 NOV -4 F *State of New Mexico*
Commissioner of Public Lands

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www.nmstatelands.org

October 30, 2015

Devon Energy Corporation
333 W. Sheridan Ave.
Oklahoma City, OK 73102-5010

Attn: Ms. Kathy F. Blick

Re: 2015 Plan of Development Revised
Thistle Unit
Lea County, New Mexico

Dear Ms. Blick:

The Commissioner of Public Lands has, of this date, approved the referenced Plan of Development. Our approval is subject to like approval by all other appropriate agencies. The possibility of drainage by wells outside the unit area, and the need for further development of the unit may exist; therefore, we may contact you at a later date regarding these possibilities.

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

Very truly yours,

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AUBREY DUNN
COMMISSIONER OF PUBLIC LANDS

BY:

TERRY WARNELL, Director
Oil, Gas and Minerals Division
AD/TW/sk

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OCD-Daniel Sanchez
BLM Carlsbad - Ed Fernandez



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2015 NOV -4 *State of New Mexico*
Commissioner of Public Lands

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October 30, 2015

Devon Energy Corporation
333 W. Sheridan Ave.
Oklahoma City, OK 73102-5010

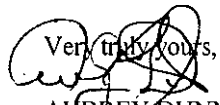
Attn: Ms. Meg Muhlinghause

Re: 2015 Plan of Development
Parkway West Unit
Lea County, New Mexico

Dear Ms. Muhlinghause:

The Commissioner of Public Lands has, of this date, approved the referenced Plan of Development. Our approval is subject to like approval by all other appropriate agencies. The possibility of drainage by wells outside the unit area, and the need for further development of the unit may exist; therefore, we may contact you at a later date regarding these possibilities.

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

Very truly yours,


AUBREY DUNN
COMMISSIONER OF PUBLIC LANDS

BY:
TERRY WARNELL, Director
Oil, Gas and Minerals Division
AD/TW/sk
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BLM Carlsbad - Ed Fernandez



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

October 30, 2015

Thompson Engineering & Production
7415 East Main
Farmington, NM 87402

Attn: Mr. Paul C. Thompson

Re: 2015 Plan of Development Revised
PGA Unit
San Juan County, New Mexico

Dear Mr. Thompson:

The Commissioner of Public Lands has, of this date, approved the referenced Plan of Development. Our approval is subject to like approval by all other appropriate agencies. The possibility of drainage by wells outside the unit area, and the need for further development of the unit may exist; therefore, we may contact you at a later date regarding these possibilities.

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

Very truly yours,

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AUBREY DUNN
COMMISSIONER OF PUBLIC LANDS

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OCD-Daniel Sanchez
BLM Farmington – Cynthia Marquez



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Aubrey Dunn
COMMISSIONER

2015 NO *State of New Mexico*
Commissioner of Public Lands

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October 29, 2015

Nadel and Gussman Permian LLC
3200 First national Tower
Tulsa, OK 74103

Attn: Mr. Joel Martin

Re: 2015 Plan of Development
South Tobac Unit
Chaves County, New Mexico

Dear Mr. Martin:

The Commissioner of Public Lands has, of this date, approved the referenced Plan of Development. Our approval is subject to like approval by all other appropriate agencies. The possibility of drainage by wells outside the unit area, and the need for further development of the unit may exist; therefore, we may contact you at a later date regarding these possibilities.

Please be advised that this unit is scheduled to contract to 40 acres on 06/03/2016. Please submit revised Exhibits "A" and "B" should you allow the contraction to occur.

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

Very truly yours,

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AUBREY DUNN
COMMISSIONER OF PUBLIC LANDS

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Aubrey Dunn
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www.nmstatelands.org

October 29, 2015

Conoco Phillips
San Juan Business Unit
PO Box 4289
Farmington, NM 87499-4289

Attn: Ms. Ashley E. Manning-Dyke

Re: 2015 Plan of Development
Maljamar Cooperative Unit
Lea County, New Mexico

Dear Ms. Manning-Dyke:

The Commissioner of Public Lands has, of this date, approved the referenced Plan of Development. Our approval is subject to like approval by all other appropriate agencies. The possibility of drainage by wells outside the unit area, and the need for further development of the unit may exist; therefore, we may contact you at a later date regarding these possibilities.

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

Very truly yours,

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AUBREY DUNN
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MRC Delaware Resources, LLC

500 North Main Street, Suite One, Roswell, New Mexico 88201
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mrandle@matadorresources.com

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OCT 26 P 3:07

Melissa Randle
Senior Landman, Permian Basin

October 23, 2015

Oil Conservation Division (w/enclosures)
1220 S. St Francis Drive
Santa Fe, New Mexico 87505

Attn. Daniel Martinez

216981
C17567


Re: 2015 PLAN OF DEVELOPMENT
AND OPERATIONS
RICHARDSON UNIT
T-13 & 14S, R-36E, N.M.P.M.
Lea County, New Mexico

Ladies & Gentlemen:

Attached is a copy of the 2015 Plan of Development and Operations for the Richardson Unit, with pertinent enclosures, which has been submitted to the Commissioner of Public Lands for approval.

Matador Production Company respectfully requests your approval of this 2015 Plan of Development.

Sincerely,



Melissa Randle
Senior Landman, Permian Basin

MRC Delaware Resources, LLC

500 North Main Street, Suite One, Roswell, New Mexico 88201
Mailing Address: P.O. Box 1936, Roswell, New Mexico 88202-1936
Voice 575-623-6601 • Fax 575-627-2427
mrandle@matadorresources.com

Melissa Randle
Senior Landman, Permian Basin

October 23, 2015

New Mexico Commissioner of Public Lands
P. O. Box 1148
Santa Fe, New Mexico
Attention: Aubrey Dunn
Terry Warnell: Director O&G Division

Re: 2015 PLAN OF DEVELOPMENT
AND OPERATIONS
RICHARDSON UNIT
T-13 & 14S, R-36E, N.M.P.M.
Lea County, New Mexico

Ladies & Gentlemen:

As prescribed by Section 9 of the Richardson Unit Agreement, Matador Production Company (MPC) as successor operator to Harvey E. Yates Company (HEYCO), hereby submits this 2015 Plan of Development and Operations, in triplicate. MPC appreciates your flexibility on timing for submission of the Plan of Development, as the February 27, 2015 merger of HEYCO and MRC Delaware Resources, LLC slowed the process for the combined technical teams to complete the following evaluation of the Richardson Unit.

There is one (1) producing well in the Unit, being the Richardson Unit #1 located at 660' FSL and 660' FWL of Sec. 32, T13S-R36E. No new unit activities were undertaken by the operator in 2014. MPC has prepared and attached hereto, the 2013 & 2014 production reports for this well, a cumulative production plot for the well and a plat of the Unit indicating the unit boundary and the location of the active well.

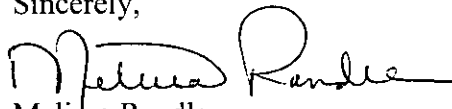
Unit History: The Richardson Unit #1 well which was spud in May of 1982, was completed from a plugged back depth of 13,393' as a producing gas well from the Upper Mississippian Austin Formation on November 10, 1982 (Perf'd interval from 13,360' to 13,405'). Brought on line in late 1984, this well is still active and producing (see the attached 2014 production report). This initial Unit well was at the time a direct offset to the Richardson Fee #1 well, a Austin

Mississippian well completed in February of 1982, Two other wells were drilled in the immediate area, the unsuccessful Richardson Fee #2 which was drilled later in 1982 as a SE offset to the Unit, a well that was later converted into a SWD well in 1983, and the Richardson Fee #3, a shallower Pennsylvanian test completed from a plugged back depth of 10,445' as a Bough "C" well which is now plugged. The Richardson Unit contracted to its current boundary in 1994.

The most recent HEYCO activities in the unit area have had some degree of success; an Austin Mississippian workover in the MPC Austin Montieth Com #1 and a Wolfcamp/Bough carbonate workover completion in the Richardson Fee #1. Both of these targets are now thought to be of minimal further interest in the unit, but MPC is interested in and currently evaluating the potential for additional Tatum Basin horizontal potential in the unit acreage. Recent drilling activity has approached the Unit targeting oil and porosity development in the Upper Wolfcamp Hueco/Abo transition zone from the west (COG had at one time proposed a horizontal well just north of the unit, the Doowop 28 State #1). Possible deeper horizontal potential also exists targeting Lower Wolfcamp & Upper Pennsylvanian unconventional reservoirs for oil and deeper Mississippian and Devonian source rocks for gas. For 2015, MPC is currently further evaluating these options for the unit acreage. Furthermore, Austin Mississippian production will continue to be maintained from the existing well.

Based on the information submitted herewith, MPC respectfully requests that the Commissioner of Public Lands approve this 2015 Plan of Development and Operation.

Sincerely,


Melissa Randle
Senior Landman, Permian Basin

GKY & MVR/vw
Enclosures
Richardson Unit 2015 POD.doc/Land:Richardson

Xc: Oil Conservation Division (w/enclosures)
1220 S. St Francis Drive
Santa Fe, New Mexico 87505
Attn. Daniel Martinez

RICHARDSON UNIT #1 (Only Well Active in Richardson Unit)

API #: 30025277830000 Sec. 32, T13S-R36E

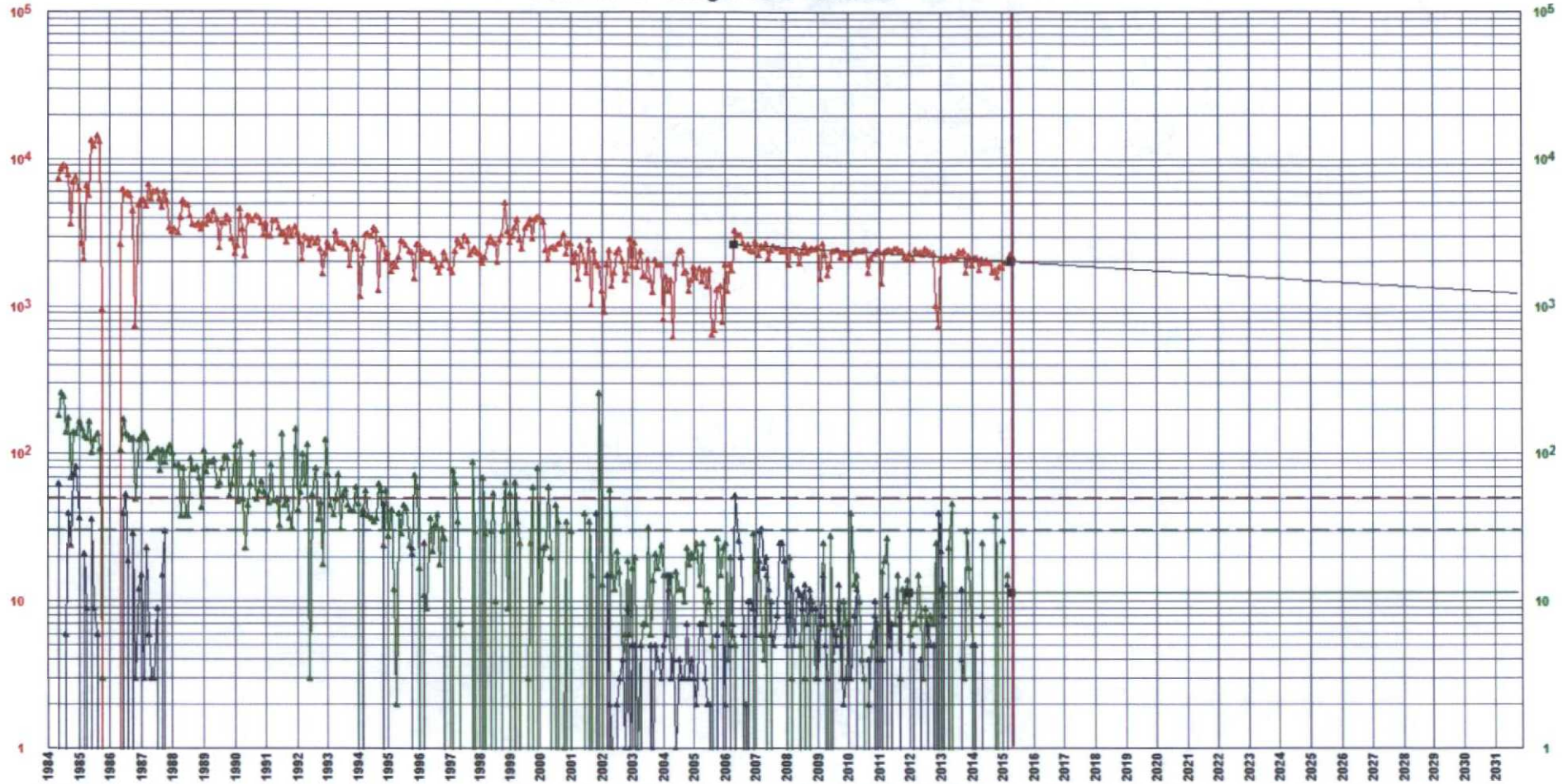
AUSTIN; MISSISSIPPIAN (GAS) (70840) Lea County, New Mexico

2013 MONTH	OIL/COND	GAS	WATER	DAYS
Jan	12	2101	22	31
Feb	13	2065	8	28
Mar	0	2169	0	31
Apr	23	2108	0	30
May	46	2210	0	31
Jun	0	2111	0	30
Jul	0	2146	0	31
Aug	0	2399	0	31
Sep	4	2293	12	30
Oct	3	2393	0	31
Nov	30	1704	0	30
Dec	17	2207	0	31
2013 Total:	148	25906	42	365

2014 MONTH	OIL/COND	GAS	WATER	DAYS
Jan	5	1898	0	31
Feb	0	2127	5	28
Mar	0	2144	0	31
Apr	0	1751	0	30
May	25	2075	8	31
Jun	0	1972	0	30
Jul	0	2047	0	31
Aug	0	1971	0	31
Sep	0	1706	0	30
Oct	38	1777	0	31
Nov	7	1579	0	30
Dec	0	1876	0	31
2014 Total:	75	22923	13	365
Cum to 1/1/2015	14,051	1,052,160	1750	7895

RICHARDSON UNIT 1 (30025277830000, MSSP)
TWP: 13 S - Range: 36 E - Sec. 32

GAS MCF/MONTH



OIL & WATER BBL/MONTH

36

31

32

33

34

35

McDONALD, 80

1

6

5

4

3

2

12

7

8

9

10

11

AUSTIN, 57

13

18

17

16

15

14

14S/36E

11800
13650

14790

13405

11385

14814

10626
14730

11000

13524

10600

11475

14892

13047

11015

13530

10699

15115

13509

12090

13960

14000

13670

10800

10603

13830

13428

13830

13832

13875

13770

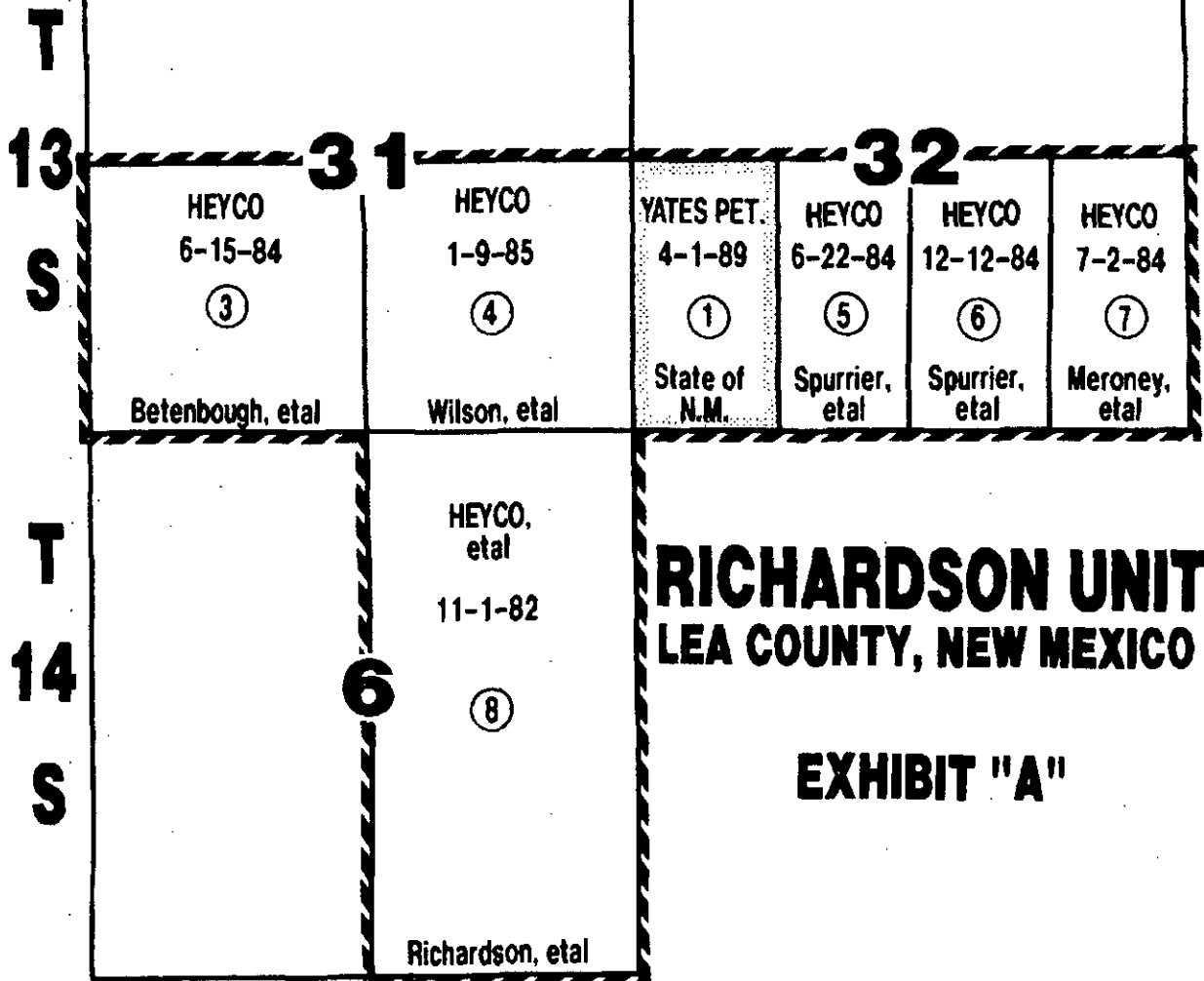
14796

15425

880

2700

R - 36 - E



STATE OF NEW MEXICO LANDS:
80.0 ACRES, 8.324489% OF UNIT AREA



PATENTED (FEE) LANDS:
881.02 ACRES, 91.675511% OF UNIT AREA



UNIT OUTLINE



TRACT NUMBER

961.02 REMAINING UNIT ACRES. (7 TRACTS)

RHUNEXB.XLS

EXHIBIT "B"

RICHARDSON UNIT LEA COUNTY, NEW MEXICO											
TRACT NO.	TRACT DESCRIPTION	TRACT ACRES	SERIAL NO. EXPIR. DATE	ROYALTY OWNER	ROYALTY %	LESSEE OF RECORD	% OWNED	OVERRIDING ROYALTY OWNER	% OWNED	WORKING INTEREST OWNER	% OWNED
1	SEC. 32: W/2 SW/4 T-13S/R-36E	80.00	LG-6476 4-1-89	ST OF NEW MEXICO	12.50	YATES PETROLEUM	100%	HARVEY E. YATES CO	.00220000	YATES PETROLEUM	.12500000
								SPIRAL INC	.00010000	YATES DRILLING CO	.12500000
								EXPLORERS PETROLEUM	.00010000	MYCO INDUSTRIES	.12500000
								HEYCO EMPLOYEES, LTD	.00010000	ABO PETROLEUM	.12500000
								CORBETT PETROLEUM	.00375000	SPIRAL INC	.02198375
								RANDOLPH SMITH	.00062500	EXPLORERS PETROLEUM	.02198375
								CHARLOTTE SMITH	.00062500	HARVEY E YATES CO	.21028491
								W A WILSON	.00125000	YATES ENERGY CORP	.08001250
										JALAPENO CORP	.03815672
										PRIME ENERGY	.04310080
										RUTTER/WILBANKS	.03448064
										WARFIELD ASSOC.	.03448064
										PETROYATES, INC	.00862016
										NATIONAL ENERGY GRP	.00699613
TOTAL STATE OF NEW MEXICO LAND: 80.0 NET ACRES - 8.324489% OF UNIT ACRES											
3	SEC. 31: LOTS 3, 4, E/2 SW/4 T-13S/R-36E	160.99		F L HEIDEL ESTATE A M SWARTHOUT	UNLEASED UNLEASED						
			6-15-84	RONALD BETENBOUGH (3/4) LENA BETENBOUGH (1/4)	18.75	HARVEY E. YATES CO	100%	HARVEY E. YATES CO	.00420000	SPIRAL INC	.04396749
								EXPLORERS PETROLEUM	.00020000	EXPLORERS PETROLEUM	.04396749
								SPIRAL INC	.00020000	HARVEY E. YATES CO	.42056982
								HEYCO EMPLOYEES, LTD	.00020000	YATES ENERGY CORP	.16002500
								CORBETT PETROLEUM	.00750000	JALAPENO CORP	.07631345
								RANDOLPH SMITH	.00125000	PRIME ENERGY	.08620161
								CHARLOTTE SMITH	.00125000	RUTTER WILBANKS	.06896128
								W A WILSON	.00250000	WARFIELD ASSOCIATES	.06896128
										PETROYATES, INC	.01724032
										NATIONAL ENERGY GRP	.01379226

RICHARDSON UNIT LEA COUNTY, NEW MEXICO											
TRACT NO.	TRACT DESCRIPTION	TRACT ACRES	SERIAL NO. EXPIR. DATE	ROYALTY OWNER	ROYALTY %	LESSEE OF RECORD	% OWNED	OVERRIDING ROYALTY OWNER	% OWNED	WORKING INTEREST OWNER	% OWNED
4	SEC. 31: SE 1/4 T-13S/R-36E	160.00	1-9-85	EFFIE WILSON (1/2) ANN MERONEY ROBINSON (1/2)	18.75	HARVEY E. YATES CO.	100%	HARVEY E. YATES CO	.00420000	SPIRAL INC	.04396749
								EXPLORERS PETROLEUM	.00020000	EXPLORERS PETROLEUM	.04396749
								SPIRAL INC	.00020000	HARVEY E. YATES CO	.42056982
								HEYCO EMPLOYEES, LTD	.00020000	YATES ENERGY CORP	.16002500
								CORBETT PETROLEUM	.00750000	JALAPENO CORP	.07631345
								RANDOLPH SMITH	.00125000	PRIME ENERGY	.08620161
								CHARLOTTE SMITH	.00125000	RUTTER WILBANKS	.06896128
								W A WILSON	.00250000	WARFIELD ASSOCIATES	.06896128
										PETROYATES INC	.01724032
										NATIONAL ENERGY GRP	.01379226
4			1-9-85	THELMA GORNEY (5/8) BARBARA YOUNG (1/8) GARY JOINER (1/8) J N JOINER (1/8)	18.75	HARVEY E. YATES CO	100%	HARVEY E. YATES CO	.00420000	SPIRAL, INC.	.04396749
								EXPLORERS PETROLEUM	.00020000	EXPLORERS PETROLEUM	.04396749
								SPIRAL INC	.00020000	HARVEY E. YATES CO	.42056982
								HEYCO EMPLOYEES, LTD	.00020000	YATES ENERGY CORP	.16002500
								CORBETT PETROLEUM	.00750000	JALAPENO CORP	.07631345
								RANDOLPH SMITH	.00125000	PRIME ENERGY	.08620161
								CHARLOTTE SMITH	.00125000	RUTTER WILBANKS	.06896128
								W A WILSON	.00250000	WARFIELD ASSOCIATES	.06896128
										PETROYATES INC	.01724032
										NATIONAL ENERGY GRP	.01379226
5	SEC. 32: E/2 SW/4 T-13S/R-36E	80.00	1-9-85	EFFIE WILSON (1/2) ANN MERONEY ROBINSON (1/2)	18.75	HARVEY E. YATES CO	100%	HARVEY E. YATES CO	.00420000	SPIRAL INC	.04396749
								EXPLORERS PETROLEUM	.00020000	EXPLORERS PETROLEUM	.04396749
								SPIRAL INC	.00020000	HARVEY E. YATES CO	.42056982
								HEYCO EMPLOYEES, LTD	.00020000	YATES ENERGY CORP	.16002500
								CORBETT PETROLEUM	.00750000	JALAPENO CORP	.07631345
								RANDOLPH SMITH	.00125000	PRIME ENERGY	.08620161
								CHARLOTTE SMITH	.00125000	RUTTER WILBANKS	.06896128
								W A WILSON	.00250000	WARFIELD ASSOCIATES	.06896128
										PETROYATES INC	.01724032
										NATIONAL ENERGY GRP	.01379226
5			6-22-84	LOUELLA SPURRIER	18.75	HARVEY E. YATES CO	100%	HARVEY E. YATES CO	.00420000	SPIRAL INC	.04396749
								EXPLORERS PETROLEUM	.00020000	EXPLORERS PETROLEUM	.04396749

RICHARDSON UNIT LEA COUNTY, NEW MEXICO											
TRACT NO.	TRACT DESCRIPTION	TRACT ACRES	SERIAL NO. EXPIR. DATE	ROYALTY OWNER	ROYALTY %	LESSEE OF RECORD	% OWNED	OVERRIDING ROYALTY OWNER	% OWNED	WORKING INTEREST OWNER	% OWNED
5	SEC 32: E/2 S/W/4 T-13S/R-36E							SPIRAL INC	.00020000	HARVEY E. YATES CO	.42056982
								HEYCO EMPLOYEES, LTD	.00020000	YATES ENERGY CORP	.16002500
								CORBETT PETROLEUM	.00750000	JALAPENO CORP	.07631345
								RANDOLPH SMITH	.00125000	PRIME ENERGY	.08620161
								CHARLOTTE SMITH	.00125000	RUTTER WILBANKS	.06896128
								W A WILSON	.00250000	WARFIELD ASSOCIATES	.06896128
										PETROYATES INC	.01724032
										NATIONAL ENERGY GRP	.01379226
5			1-9-85	THELMA GORNEY (5/8) BARBARA YOUNG (1/8) GARY JOINER (1/8) J N JOINER (1/8)	18.75	HARVEY E. YATES CO	100%	HARVEY E. YATES CO	.00420000	SPIRAL INC	.04396749
								EXPLORERS PETROLEUM	.00020000	EXPLORERS PETROLEUM	.04396749
								SPIRAL, INC	.00020000	HARVEY E. YATES CO	.42056982
								HEYCO EMPLOYEES, LTD	.00020000	YATES ENERGY CORP	.16002500
								CORBETT PETROLEUM	.00750000	JALAPENO CORP	.07631345
								RANDOLPH SMITH	.00125000	PRIME ENERGY	.08620161
								CHARLOTTE SMITH	.00125000	RUTTER WILBANKS	.06896128
								W A WILSON	.00250000	WARFIELD ASSOCIATES	.06896128
										PETROYATES INC	.01724032
										NATIONAL ENERGY GRP	.01379226
5			12-13-84	GORDON REYNOLDS (1/2) EVELYN SCRIVENER EST (1/2)	18.75	HARVEY E. YATES CO	100%	HARVEY E. YATES CO	.00420000	SPIRAL INC	.04396749
								EXPLORERS PETROLEUM	.00020000	EXPLORERS PETROLEUM	.04396749
								SPIRAL, INC	.00020000	HARVEY E. YATES CO	.42056982
								HEYCO EMPLOYEES, LTD	.00020000	YATES ENERGY CORP	.16002500
								CORBETT PETROLEUM	.00750000	JALAPENO CORP	.07631345
								RANDOLPH SMITH	.00125000	PRIME ENERGY	.08620161
								CHARLOTTE SMITH	.00125000	RUTTER WILBANKS	.06896128
								W A WILSON	.00250000	WARFIELD ASSOCIATES	.06896128
										PETROYATES INC	.01724032
										NATIONAL ENERGY GRP	.01379226
6	SEC. 32: W/2 SE/4 T-13S/R-36E	80.00	1-9-85	EFFIE WILSON (1/2) ANN MERONEY ROBINSON (1/2)	18.75	HARVEY E. YATES CO	100%	HARVEY E. YATES CO	.00420000	SPIRAL INC	.04396749
								EXPLORERS PETROLEUM	.00020000	EXPLORERS PETROLEUM	.04396749
								SPIRAL, INC	.00020000	HARVEY E. YATES CO	.42056982

RICHARDSON UNIT LEA COUNTY, NEW MEXICO											
TRACT NO.	TRACT DESCRIPTION	TRACT ACRES	SERIAL NO. EXPIR. DATE	ROYALTY OWNER	ROYALTY %	LESSEE OF RECORD	% OWNED	OVERRIDING ROYALTY OWNER	% OWNED	WORKING INTEREST OWNER	% OWNED
6	SEC. 32 W/2 SE/4 T-13S/R-36E							HEYCO EMPLOYEES, LTD	.00020000	YATES ENERGY CORP	.16002500
								CORBETT PETROLEUM	.00750000	JALAPENO CORP	.07631345
								RANDOLPH SMITH	.00125000	PRIME ENERGY	.08620161
								CHARLOTTE SMITH	.00125000	RUTTER WILBANKS	.06896128
								W A WILSON	.00250000	WARFIELD ASSOCIATES	.06896128
										PETROYATES INC	.01724032
										NATIONAL ENERGY GRP	.01379226
6			12-13-84	LOUELLA SPURRIER	18.75	HARVEY E. YATES CO	100%	HARVEY E. YATES CO	.00420000	SPIRAL INC	.04396749
								EXPLORERS PETROLEUM	.00020000	EXPLORERS PETROLEUM	.04396749
								SPIRAL, INC	.00020000	HARVEY E. YATES CO	.42056982
								HEYCO EMPLOYEES, LTD	.00020000	YATES ENERGY CORP	.16002500
								CORBETT PETROLEUM	.00750000	JALAPENO CORP	.07631345
								RANDOLPH SMITH	.00125000	PRIME ENERGY	.08620161
								CHARLOTTE SMITH	.00125000	RUTTER WILBANKS	.06896128
								W A WILSON	.00250000	WARFIELD ASSOCIATES	.06896128
										PETROYATES INC	.01724032
										NATIONAL ENERGY GRP	.01379226
6			1-9-85	THELMA GORNEY (5/8) BARBARA YOUNG (1/8) GARY JOINER (1/8) J N JOINER (1/8)	18.75	HARVEY E. YATES CO	100%	HARVEY E. YATES CO	.00420000	SPIRAL INC	.04396749
								EXPLORERS PETROLEUM	.00020000	EXPLORERS PETROLEUM	.04396749
								SPIRAL, INC	.00020000	HARVEY E. YATES CO	.42056982
								HEYCO EMPLOYEES, LTD	.00020000	YATES ENERGY CORP	.16002500
								CORBETT PETROLEUM	.00750000	JALAPENO CORP	.07631345
								RANDOLPH SMITH	.00125000	PRIME ENERGY	.08620161
								CHARLOTTE SMITH	.00125000	RUTTER WILBANKS	.06896128
								W A WILSON	.00250000	WARFIELD ASSOCIATES	.06896128
										PETROYATES INC	.01724032
										NATIONAL ENERGY GRP	.01379226
6			12-13-84	GORDON REYNOLDS (1/2) EVELYN SCRIVENER EST (1/2)	18.75	HARVEY E. YATES CO	100%	HARVEY E. YATES CO	.00420000	SPIRAL INC	.04396749
								EXPLORERS PETROLEUM	.00020000	EXPLORERS PETROLEUM	.04396749
								SPIRAL, INC	.00020000	HARVEY E. YATES CO	.42056982
								HEYCO EMPLOYEES, LTD	.00020000	YATES ENERGY CORP	.16002500
								CORBETT PETROLEUM	.00750000	JALAPENO CORP	.07631345

RICHARDSON UNIT LEA COUNTY, NEW MEXICO											
TRACT NO.	TRACT DESCRIPTION	TRACT ACRES	SERIAL NO. EXPIR. DATE	ROYALTY OWNER	ROYALTY %	LESSEE OF RECORD	% OWNED	OVERRIDING ROYALTY OWNER	% OWNED	WORKING INTEREST OWNER	% OWNED
6	SEC. 32: W/2 SE/4 T-13S/R-36E							RANDOLPH SMITH CHARLOTTE SMITH W A WILSON	.00125000 .00125000 .00250000	PRIME ENERGY RUTTER WILBANKS WARFIELD ASSOCIATES PETROYATES INC NATIONAL ENERGY GRP	.08620161 .06896128 .06896128 .01724032 .01379226
7	SEC. 32: E/2 SE/4 T-13S/R-36E	80.00		FL HEIDEL ESTATE A M SWARTHOUT	UNLEASED UNLEASED						
7			1-9-85	EFFIE WILSON (1/2) ANN MERONEY ROBINSON (1/2)	18.75	HARVEY E. YATES CO	100%	HARVEY E. YATES CO EXPLORERS PETROLEUM SPIRAL INC HEYCO EMPLOYEES, LTD CORBETT PETROLEUM RANDOLPH SMITH CHARLOTTE SMITH W A WILSON	.00420000 .00020000 .00020000 .00020000 .00750000 .00125000 .00125000 .00250000	SPIRAL INC EXPLORERS PETROLEUM HARVEY E. YATES CO YATES ENERGY CORP JALAPENO CORP PRIME ENERGY RUTTER WILBANKS WARFIELD ASSOCIATES PETROYATES INC NATIONAL ENERGY GRP	.04396749 .04396749 .42056982 .16002500 .07631345 .08620161 .06896128 .06896128 .01724032 .01379226
7			7-2-84	EDGAR MERONEY JR (1/2) PAULINE M BURNETT (1/2)	18.75	HARVEY E. YATES CO	100%	HARVEY E. YATES CO EXPLORERS PETROLEUM SPIRAL INC HEYCO EMPLOYEES, LTD CORBETT PETROLEUM RANDOLPH SMITH CHARLOTTE SMITH W A WILSON	.00420000 .00020000 .00020000 .00020000 .00750000 .00125000 .00125000 .00250000	SPIRAL INC EXPLORERS PETROLEUM HARVEY E. YATES CO YATES ENERGY CORP JALAPENO CORP PRIME ENERGY RUTTER WILBANKS WARFIELD ASSOCIATES PETROYATES INC NATIONAL ENERGY GRP	.04396749 .04396749 .42056982 .16002500 .07631345 .08620161 .06896128 .06896128 .01724032 .01379226
7			7-2-84	THELMA MERONEY	18.75	HARVEY E. YATES CO	100%	HARVEY E. YATES CO EXPLORERS PETROLEUM SPIRAL INC HEYCO EMPLOYEES, LTD	.00420000 .00020000 .00020000 .00020000	SPIRAL INC EXPLORERS PETROLEUM HARVEY E. YATES CO YATES ENERGY CORP	.04396749 .04396749 .42056982 .16002500

RICHARDSON UNIT LEA COUNTY, NEW MEXICO											
TRACT NO.	TRACT DESCRIPTION	TRACT ACRES	SERIAL NO. EXPIR. DATE	ROYALTY OWNER	ROYALTY %	LESSEE OF RECORD	% OWNED	OVERRIDING ROYALTY OWNER	% OWNED	WORKING INTEREST OWNER	% OWNED
7	SEC. 32: E/2 SE/4 T-13S/R-36E							CORBETT PETROLEUM	.00750000	JALAPENO CORP	.07631345
								RANDOLPH SMITH	.00125000	PRIME ENERGY	.08620161
								CHARLOTTE SMITH	.00125000	RUTTER WILBANKS	.06896128
								W A WILSON	.00250000	WARFIELD ASSOCIATES	.06896128
										PETROYATES INC	.01724032
										NATIONAL ENERGY GRP	.01379226
7			8-15-84	EDGAR MERONEY JR	18.75	HARVEY E. YATES CO	100%	HARVEY E. YATES CO	.00420000	SPIRAL INC	.04396749
								EXPLORERS PETROLEUM	.00020000	EXPLORERS PETROLEUM	.04396749
								SPIRAL, INC	.00020000	HARVEY E. YATES CO	.42056982
								HEYCO EMPLOYEES, LTD	.00020000	YATES ENERGY CORP	.16002500
								CORBETT PETROLEUM	.00750000	JALAPENO CORP	.07631345
								RANDOLPH SMITH	.00125000	PRIME ENERGY	.08620161
								CHARLOTTE SMITH	.00125000	RUTTER WILBANKS	.06896128
								W A WILSON	.00250000	WARFIELD ASSOCIATES	.06896128
										PETROYATES INC	.01724032
										NATIONAL ENERGY GRP	.01379226
7			1-10-85	NOEMA B. MERONEY (1/2) LLOYD CECIL MERONEY (1/2)	18.75	HARVEY E. YATES CO	100%	HARVEY E. YATES CO	.00420000	SPIRAL INC	.04396749
								EXPLORERS PETROLEUM	.00020000	EXPLORERS PETROLEUM	.04396749
								SPIRAL, INC	.00020000	HARVEY E. YATES CO	.42056982
								HEYCO EMPLOYEES, LTD	.00020000	YATES ENERGY CORP	.16002500
								CORBETT PETROLEUM	.00750000	JALAPENO CORP	.07631345
								RANDOLPH SMITH	.00125000	PRIME ENERGY	.08620161
								CHARLOTTE SMITH	.00125000	RUTTER WILBANKS	.06896128
								W A WILSON	.00250000	WARFIELD ASSOCIATES	.06896128
										PETROYATES INC	.01724032
										NATIONAL ENERGY GRP	.01379226
7			5-29-85	PAULINE MERONEY BURNETT	18.75	HARVEY E. YATES CO	100%	HARVEY E. YATES CO	.00420000	SPIRAL INC	.04396749
								EXPLORERS PETROLEUM	.00020000	EXPLORERS PETROLEUM	.04396749
								SPIRAL, INC	.00020000	HARVEY E. YATES CO	.42056982
								HEYCO EMPLOYEES, LTD	.00020000	YATES ENERGY CORP	.16002500
								CORBETT PETROLEUM	.00750000	JALAPENO CORP	.07631345
								RANDOLPH SMITH	.00125000	PRIME ENERGY	.08620161

RHUNEXB.XLS

RICHARDSON UNIT LEA COUNTY, NEW MEXICO											
TRACT NO.	TRACT DESCRIPTION	TRACT ACRES	SERIAL NO. EXPIR. DATE	ROYALTY OWNER	ROYALTY %	LESSEE OF RECORD	% OWNED	OVERRIDING ROYALTY OWNER	% OWNED	WORKING INTEREST OWNER	% OWNED
7	SEC. 32 E/2 SE/4 T-13S/R-36E							CHARLOTTE SMITH W A WILSON	.00125000 .00250000	RUTTER WILBANKS WARFIELD ASSOCIATES PETROYATES INC NATIONAL ENERGY GRP	.06896128 .06896128 .01724032 .01379226
8	SEC. 6: LOTS 1, 2, S/2 NE/4, SE/4 T-14S/R-36E	320.03		DEVON ENERGY CORP	UNLEASED						
			11-1-82	MYRTLE DOVIE RICHARDSON	18.75	HARVEY E. YATES CO	100%	HARVEY E YATES CO EXPLORERS PETROLEUM SPIRAL INC HEYCO EMPLOYEES LTD HEYCO, ET AL BRADY PRODUCTION W A WILSON	.00420000 .00020000 .00020000 .00020000 .00750000 .01250000 .00250000	SPIRAL INC EXPLORERS PETROLEUM HARVEY E. YATES CO YATES ENERGY CORP JALAPENO CORP PRIME ENERGY RUTTER WILBANKS WARFIELD ASSOCIATES PETROYATES INC NATIONAL ENERGY GRP	.04396749 .04396749 .42056982 .16002500 .07631345 .08620161 .06896128 .06896128 .01724032 .01379226
8			11-1-82	JAMES RICHARDSON	18.75	HARVEY E. YATES CO	100%	HARVEY E YATES CO EXPLORERS PETROLEUM SPIRAL INC HEYCO EMPLOYEES LTD HEYCO, ET AL BRADY PRODUCTION W A WILSON	.00420000 .00020000 .00020000 .00020000 .00750000 .01250000 .00250000	SPIRAL INC EXPLORERS PETROLEUM HARVEY E. YATES CO YATES ENERGY CORP JALAPENO CORP PRIME ENERGY RUTTER WILBANKS WARFIELD ASSOCIATES PETROYATES INC NATIONAL ENERGY GRP	.04396749 .04396749 .42056982 .16002500 .07631345 .08620161 .06896128 .06896128 .01724032 .01379226
TOTAL PATENTED (FEE) LANDS: 881.02 ACRES - 91.675511% OF UNIT AREA											