

7VX8A-191204-C-107B 928

Revised March 23, 2017

RECEIVED: 12/4/19	REVIEWER:	TYPE: CTB	APP NO: pDM1935354569
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ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Geological & Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505

**ADMINISTRATIVE APPLICATION CHECKLIST**

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND
 REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Applicant: Apache Corporation **OGRID Number:** 873
Well Name: PALMILLO 10 STATE and PALMILLO 3 STATE **API:** VARIOUS
Pool: PALMILLO;BONE SPRINGS, SOUTHWEST **Pool Code:** 96413

**SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION
 INDICATED BELOW**

1) TYPE OF APPLICATION: Check those which apply for [A]

A. Location – Spacing Unit – Simultaneous Dedication

☐ NSL ☐ NSP (PROJECT AREA) ☐ NSP (PRORATION UNIT) ☐ SD

B. Check one only for [I] or [II]

[I] Commingling – Storage – Measurement

☐ DHC ☒ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[II] Injection – Disposal – Pressure Increase – Enhanced Oil Recovery

☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR
2) NOTIFICATION REQUIRED TO: Check those which apply.

- A. ☐ Offset operators or lease holders
 B. ☒ Royalty, overriding royalty owners, revenue owners
 C. ☐ Application requires published notice
 D. ☒ Notification and/or concurrent approval by SLO
 E. ☐ Notification and/or concurrent approval by BLM
 F. ☐ Surface owner
 G. ☐ For all of the above, proof of notification or publication is attached, and/or,
 H. ☐ No notice required

FOR OCD ONLY

- ☐ Notice Complete
☐ Application Content Complete

- 3) CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Alicia Fulton

Print or Type Name

Date432-818-1088

Phone Number

Signaturealicia.fulton@apachecorp.com

e-mail Address

District I
1625 N. French Drive, Hobbs, NM 88240
District II
811 S. First St., 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-107-B
Revised August 1, 2011

OIL CONSERVATION DIVISION
1220 S. St Francis Drive
Santa Fe, New Mexico 87505

Submit the original
application to the Santa Fe
office with one copy to the
appropriate District Office.

APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP)

OPERATOR NAME: APACHE CORPORATION
OPERATOR ADDRESS: 303 VETERANS AIRPARK LANE MIDLAND ,TX 79705
APPLICATION TYPE:

☐ Pool Commingling ☒ Lease Commingling ☐ Pool and Lease Commingling ☐ Off-Lease Storage and Measurement (Only if not Surface Commingled)

LEASE TYPE: ☐ Fee ☒ State ☐ Federal Palmillo 10 State and Palmillo 3 State

Is this an Amendment to existing Order? ☐ Yes ☒ No If "Yes", please include the appropriate Order No. _____
Have the Bureau of Land Management (BLM) and State Land office (SLO) been notified in writing of the proposed commingling
☒ Yes ☐ No

(A) POOL COMMINGLING

Please attach sheets with the following information

(1) Pool Names and Codes	Gravities / BTU of Non-Commingled Production	Calculated Gravities / BTU of Commingled Production		Calculated Value of Commingled Production	Volumes

- (2) Are any wells producing at top allowables? ☐ Yes ☐ No
(3) Has all interest owners been notified by certified mail of the proposed commingling? ☒ Yes ☐ No.
(4) Measurement type: ☐ Metering ☐ Other (Specify)
(5) Will commingling decrease the value of production? ☐ Yes ☐ No If "yes", describe why commingling should be approved

(B) LEASE COMMINGLING

Please attach sheets with the following information

- (1) Pool Name and Code. Palmillo; Bone Spring, Southwest (96413)
(2) Is all production from same source of supply? ☒ Yes ☐ No
(3) Has all interest owners been notified by certified mail of the proposed commingling? ☒ Yes ☐ No
(4) Measurement type: ☒ Metering ☐ Other (Specify)

(C) POOL and LEASE COMMINGLING

Please attach sheets with the following information

- (1) Complete Sections A and E.

(D) OFF-LEASE STORAGE and MEASUREMENT

Please attached sheets with the following information

- (1) Is all production from same source of supply? ☐ Yes ☐ No
(2) Include proof of notice to all interest owners.

(E) ADDITIONAL INFORMATION (for all application types)

Please attach sheets with the following information

- (1) A schematic diagram of facility, including legal location.
(2) A plat with lease boundaries showing all well and facility locations. Include lease numbers if Federal or State lands are involved.
(3) Lease Names, Lease and Well Numbers, and API Numbers.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE: alicia fulton TITLE: REG. TECH DATE: _____

TYPE OR PRINT NAME ALICIA FULTON TELEPHONE NO.: 432-818-1088

E-MAIL ADDRESS: alicia.fulton@apachecorp.com



12/2/2019

Dean McClure
New Mexico Oil Conservation Division
811 South First St.
Artesia, NM 88210

RE: Request to Administratively for Surface Commingling Authority
Palmillo 3 & 10 State Central Tank Battery
Eddy County, New Mexico

Mr. McClure:

Apache respectfully requests administrative approval to surface commingle at the Palmillo 3 & 10 State Central Tank Battery.

Proposal:

Apache proposes to allocate production between the following wells based on frequent and periodic well tests:

Section 10:

- | | |
|------------------------------|-------------------|
| • Palmillo 10 State COM 231H | API: 30-015-45790 |
| • Palmillo 10 State 232H | API: 30-015-45785 |
| • Palmillo 10 State 233H | API: 30-015-45791 |
| • Palmillo 10 State COM 234H | API: 30-015-45792 |
| • Palmillo 10 State COM 332H | API: 30-015-45807 |
| • Palmillo 10 State 333H | API: 30-015-45808 |
| • Palmillo 10 State 334H | API: 30-015-45809 |
| • Palmillo 10 State COM 335H | API: 30-015-45795 |

Section 3:

- | | |
|-----------------------------|-------------------|
| • Palmillo 3 State COM 241H | API: 30-015-45799 |
| • Palmillo 3 State 242H | API: 30-015-45800 |
| • Palmillo 3 State COM 243H | API: 30-015-45801 |
| • Palmillo 3 State COM 244H | API: 30-015-45802 |

This commingling request is the most effective, economic means of producing the reserves and will not result in reduced royalty or improper measurement of production. The proposed commingling will reduce operating expenses by utilizing existing facilities as well as reduce the surface facility footprint associated with constructing a new battery.

Measurement:

The Palmillo 3 & 10 State central tank battery is located in Sec 3, T19S, R29E. There are five different interests producing into this battery. The interest groups are listed below:

- WI Group 1: Palmillo 10 State 234H, 233H, 335H, 334H
- WI Group 2: Palmillo 10 State 232H, 231H, 333H, 332H
- WI Group 3: Palmillo 3 State 244H, 243H
- WI Group 4: Palmillo 3 State 242H
- WI Group 5: Palmillo 3 State 241H

WI Group 1 will flow through three (3) dedicated vessels. One (1) three phase metering separator (to test cumulative production) or two (2) three phase metering tester (to test wells individually) will be utilized to test each well's production separately to fairly allocate oil and gas production on a pro-rata share.

WI Group 2 will flow through three (3) dedicated vessels. One (1) three phase metering separator (to test cumulative production) or two (2) three phase metering tester (to test wells individually) will be utilized to test each well's production separately to fairly allocate oil and gas production on a pro-rata share.

WI Group 3 will flow through three (3) dedicated vessels. One (1) three phase metering separator (to test cumulative production) or two (2) three phase metering tester (to test wells individually) will be utilized to test each well's production separately to fairly allocate oil and gas production on a pro-rata share.

WI Group 4 will flow through three (2) dedicated vessels. Two (2) dedicated three phase metering tester (to test wells individually) will be utilized to test each well's production.

WI Group 5 will flow through three (2) dedicated vessels. Two (2) dedicated three phase metering tester (to test wells individually) will be utilized to test each well's production.

Wells will be rotated through the metering tester(s) a regular basis. The aforementioned separator(s) and tester(s) will be equipped with a coriolis meter for oil measurement, magnetic flow meter for water measurement, and a differential pressure/orifice plate meter for gas measurement. VRU gas volumes will be measured with a differential pressure/orifice plate meter and volumes will be allocated back to each well utilizing a percentage of each wells monthly oil production.

Please find the proposed Facility layout attached and a map view of the different working interest groups.

Notification:

The working, royalty, and overriding royalty interests differ slightly between the groups. However, the State of New Mexico has a consistent royalty interest across all leases.

Please advise if this request is acceptable. If additional information is required please contact Alicia Fulton, Regulatory Analyst, at (432) 818-1088 or alicia.fulton@apachecorp.com or me at (432) 818-1845 or davidr.cummings@apachecorp.com.

Sincerely,

A handwritten signature in dark ink, appearing to read "David Cummings". The signature is fluid and cursive, with the first name "David" being more prominent than the last name "Cummings".

David Cummings
Production Engineer
Permian Region

Enclosure / Enclosures (2)



December 4, 2019

New Mexico Oil Conservation Division

RE: Notice of Intent to Surface Commingle Production from the
Palmillo 3 State Com 241H, 243H, 244H, Palmillo 3 State 242H, Palmillo 10 State Com
231H, 234H, Palmillo 10 State 232H, 233H, Palmillo 10 State Com 332H, 335H and the
Palmillo 10 State 333H, 334H
Sections 3 and 10, Township 19 South, Range 28 East
Eddy County, New Mexico

Dear Dean McClure,

Apache Corporation ("Apache") hereby requests your approval to surface commingle production from the following existing wells:

- Palmillo 3 State Com 241H: API 30-015-45799, a horizontal well located at 692' FSL and 180' FEL, UL P, Section 3, T-19-S, R-28-E, to produce from the Palmillo Bone Spring Southwest pool.
- Palmillo 3 State 242H: API 30-015-45800, a horizontal well located at 1898' FSL and 180' FEL, UL I, Section 3, T-19-S, R-28-E, to produce from the Palmillo Bone Spring Southwest pool.
- Palmillo 3 State Com 243H: API 30-015-45801, a horizontal well located at 2080' FNL and 180' FEL, UL H, Section 3, T-19-S, R-28-E, to produce from the Palmillo Bone Spring Southwest pool.
- Palmillo 3 State Com 244H: API 30-015-45802, a horizontal well located at 2050' FNL and 180' FEL, UL H, Section 3, T-19-S, R-28-E, to produce from the Palmillo Bone Spring Southwest pool.
- Palmillo 10 State Com 231H: API 30-015-45790, a horizontal well located at 990' FSL and 180' FEL, UL P, Section 10, T-19-S, R-28-E, to produce from the Palmillo Bone Spring Southwest pool.
- Palmillo 10 State 232H: API 30-015-45785, a horizontal well located at 2390' FSL and 180' FEL, UL I, Section 10, T-19-S, R-28-E, to produce from the Palmillo Bone Spring Southwest pool.
- Palmillo 10 State 233H: API 30-015-45791, a horizontal well located at 1960' FNL and 180' FEL, UL H, Section 10, T-19-S, R-28-E, to produce from the Palmillo Bone Spring Southwest pool.
- Palmillo 10 State Com 234H: API 30-015-45792, a horizontal well located at 850' FNL and 180' FEL, UL A, Section 10, T-19-S, R-28-E, to produce from the Palmillo Bone Spring Southwest pool.

Letter dated November 21, 2019
Notice of Intent to Surface Commingle
Page 2

- Palmillo 10 State Com 332H: API 30-015-45807, a horizontal well located at 1030' FSL and 180' FEL, UL P, Section 10, T-19-S, R-28-E, to produce from the Palmillo Bone Spring Southwest pool.
- Palmillo 10 State 333H: API 30-015-45808, a horizontal well located at 2430' FSL and 180' FEL, UL I, Section 10, T-19-S, R-28-E, to produce from the Palmillo Bone Spring Southwest pool.
- Palmillo 10 State 334H: API 30-015-45809, a horizontal well located at 2000' FNL and 180' FEL, UL H, Section 10, T-19-S, R-28-E, to produce from the Palmillo Bone Spring Southwest pool.
- Palmillo 10 State Com 335H: API 30-015-45795, a horizontal well located at 890' FNL and 180' FEL, UL A, Section 10, T-19-S, R-28-E, to produce from the Palmillo Bone Spring Southwest pool.

Please be aware that the working interest ownership and overriding royalty interest of the Palmillo 3 State Com 243H and 244H is exactly the same.

The working interest ownership and overriding royalty interest is exactly the same in the Palmillo 10 State Com 231H, 332H and the Palmillo 10 State 232H and 333H.

The working interest ownership and overriding royalty interest is exactly the same in the Palmillo 10 State 233H, 334H and the Palmillo 10 State Com 234H and 335H.

The working interest ownership and overriding royalty interest is unique in the Palmillo 3 State Com 241H.

The working interest ownership and overriding royalty interest is unique in the Palmillo 3 State 242H.

Notice has been provided to all interest owners of this application for surface commingling of additional wells in accordance with Division Rule 19.15.12.10 C (4) NMAC as of 12/4/2019.

In order to commingle production at the surface, production from each of the wells the wells must be metered as outlined below at the wellhead to account for the difference in ownership:

- Palmillo 3 State Com 243H and 244H will be metered together
- Palmillo 3 State Com 241H will be metered separately
- Palmillo 3 State 242H will be metered separately
- Palmillo 10 State Com 231H, 332H and the Palmillo 10 State 232H and 333H will be metered together
- Palmillo 10 State 233H, 334H and the Palmillo 10 State Com 234H and 335H will be metered together

Letter dated November 21, 2019
Notice of Intent to Surface Commingle
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For future additions of wells, leases, and pools to this commingling operation, notice shall only be given to those interest owners in the wells, leases, or pools to be added, in accordance with Division Rule 19.15.12.10 C (4) (g) NMAC.

Sincerely,

APACHE CORPORATION

A handwritten signature in blue ink, appearing to read "B. Johnson", with a stylized flourish at the end.

Blake Johnson
Landman
blake.johnson@apachecorp.com
432-818-1698 (office)
432-818-1197 (fax)

Exhibit "A" WELLS FOR SURFACE COMMINGLING

Palmillo 10 State 233H API 30-015-45791					
Working Interest Owners					
Owner	WI	NRI	Type	Address	
Apache Corporation	0.49839410	0.40988682	WI	Apache Corporation 303 Veterans Airpark Lane Suite 1000 Midland, Texas 79795-4561	
ZPZ Delaware I LLC	0.33125000	0.28796875	WI	ZPZ Delaware I LLC c/o Apache Corporation 303 Veterans Airpark Lane Suite 1000 Midland, Texas 79795-4561	
Andersen-Malone, LLC	0.00260417	0.00223456	WI	Andersen-Malone, LLC PO Box 87 Roswell, NM 88202	
Bean Family Limited Company	0.00781250	0.00670369	WI	Bean Family Limited Company P.O. Box 45750 Rio Rancho, NM 87174	
Charles F. Malone, Jr	0.00086806	0.00074485	WI	Charles F. Malone, Jr. 2701 Chrysler Dr Roswell, NM 88201	
Cheryl W Derrick, ssp and msu	0.00651042	0.00558641	WI	Cheryl W Derrick 6006 Balcones #20 El Paso, TX 79912-3340	
Collie Limited Partnership	0.00195313	0.00167592	WI	Coille Limited Partnership LP Attn: Patricia K. Kyle 1508 Wilmington Richmond, Virginia 23227	
Devon Energy Production Company, L.P.	0.06076389	0.05316840	WI	Devon Energy Production Co, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	
Fortuna III Permian, LLC	0.01041667	0.00911458	WI	Fortuna III Permian LLC 2 Greenway Plaza, Suite 240 Houston, Texas 77046	
Gilbert J Eaton, ssp	0.00260417	0.00223456	WI	Gilbert J Eaton 48 Arizona State Dr Newark, DE 19713	
Harvard Petroleum Company, LLC	0.01562500	0.01340739	WI	Harvard Petroleum Company, LLC P.O. Box 936 Roswell, NM 88202	
James R Gebel Revocable Living Tst	0.00065104	0.00055864	WI	James R Gebel Revocable Living Trust 58 Road 2335 Aztec, NM 87410	
Joseph J Kelly	0.00195313	0.00167592	WI	Joseph J. Kelly 3955 S Spring Loop Roswell, NM 88203	
Mary Ann Twitty	0.00195313	0.00167592	WI	Mary Ann Twitty 26989 Sea Vista Dr. Malibu, CA 90265	
New Mexico Western Minerals	0.01562500	0.01340739	WI	New Mexico Western Minerals, Inc. Attn: Sandra Carrica P.O. Box 45750 Rio Rancho, NM 87174	
NonDarcy Oil & Gas, Inc.	0.00195313	0.00167592	WI	NonDarcy Oil & Gas Inc. Attn: J. Michael Kelly PO Box 1116 Roswell, NM 88202-1116	
Read & Stevens, Inc.	0.00390625	0.00335185	WI	Read & Stevens, Inc. PO Box 1518 Roswell, NM 88202	
Roy Barton Jr, Tee	0.00390625	0.00335185	WI	Roy Barton Jr, Trustee 1919 Turner St. Hobbs, NM 88240	
Slash Exploration et al.	0.00781250	0.00670369	WI	Slash Exploration P.O. Box 1973 Roswell, NM 88202	
V-F Petroleum, Inc.	0.02343750	0.01757813	WI	V-F Petroleum, Inc. Attn: Sandra K. Lawlis P.O. Box 1889 Midland, TX 79702	
Royalty Interest Owner				State of NM	
State of NM	0.00000000	0.12500000	RI	PO Box 1148 Santa Fe, NM 87504	
Overriding Roalty Interest Owners				Yates Brothers	
Yates Brothers	0.00000000	0.01692708	ORRI	PO Box 1394 Artesia, NM 88211	
Hanaco LLC (ORRI)	0.00000000	0.00401052	ORRI	Hanaco LLC Attn: Rob Hanagan PO Box 746	
Hanagan Investment LLC	0.00000000	0.00401052	ORRI	Big Horn, WY 82833 Hanagan Investments, LLC PO Box 1737	
Nestegg Energy Corp	0.00000000	0.00312500	ORRI	Roswell, NM 88202 Nestegg Energy Corporation 2308 Sierra Vista Rd.	
Zia Royalty LLC	0.00000000	0.00086121	ORRI	Artesia, NM 88210 Zia Royalty LLC PO Box 2160	
Constance Ann White	0.00000000	0.00057339	ORRI	Hobbs, NM 88241 Constance Ann White 7007 Lawler Ridge	
Elizabeth White Kanaly	0.00000000	0.00057339	ORRI	Houston, TX 77055 Elizabeth White Kanaly 1022 Potomac Drive	
J Phelps White IV	0.00000000	0.00057339	ORRI	Houston, TX 77057 J Phelps White IV PO Box 1433	
LRW Corporation	0.00000000	0.00054036	ORRI	Roswell, NM 88201 LRW Corporation 20540 Hwy 46W, #115-621	
J Phelps White III	0.00000000	0.00034403	ORRI	Spring Branch, TX 78070 J Phelps White III 8883 SW 94th Ln, Unit F	
The Beveridge Company	0.00000000	0.00028707	ORRI	Ocala, FL 34481 The Beveridge Company 4305 North Garfield, Suite 235	
Duck Creek Resources	0.00000000	0.00023438	ORRI	Midland, TX 79705 Duck Creek Resources, LLC 2302 Stanolind Ave Midland, Texas 79705	

Palmillo 10 State 234H API 30-015-45792					
Working Interest Owners					
Owner	WI	NRI	Type	Address	
Apache Corporation	0.49839410	0.40988682	WI	Apache Corporation 303 Veterans Airpark Lane Suite 1000 Midland, Texas 79795-4561	
ZPZ Delaware I LLC	0.33125000	0.28796875	WI	ZPZ Delaware I LLC c/o Apache Corporation 303 Veterans Airpark Lane Suite 1000 Midland, Texas 79795-4561	
Anderson-Malone, LLC	0.00260417	0.00223456	WI	Andersen-Malone, LLC PO Box 87 Roswell, NM 88202	
Bean Family Limited Company	0.00781250	0.00670369	WI	Bean Family Limited Company P.O. Box 45750 Rio Rancho, NM 87174	
Charles F. Malone, Jr.,	0.00086806	0.00074485	WI	Charles F. Malone, Jr. 2701 Chrysler Dr Roswell, NM 88201	
Cheryl W Derrick	0.00651042	0.00558641	WI	Cheryl W Derrick 6006 Balcones #20 El Paso, TX 79912-3340	
Collie Limited Partnership	0.00195313	0.00167592	WI	Coille Limited Partnership LP Attn: Patricia K. Kyle 1508 Wilmington Richmond, Virginia 23227	
Devon Energy Production Company, L.P.	0.06076389	0.05316840	WI	Devon Energy Production Co, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	
Fortuna III Permian, LLC	0.01041667	0.00911458	WI	Fortuna III Permian LLC 2 Greenway Plaza, Suite 240 Houston, Texas 77046	
Gilbert J Eaton	0.00260417	0.00223456	WI	Gilbert J Eaton 48 Arizona State Dr Newark, DE 19713	
Harvard Petroleum Company, LLC	0.01562500	0.01340739	WI	Harvard Petroleum Company, LLC P.O. Box 936 Roswell, NM 88202	
James R Gebel Revocable Living Tst	0.00065104	0.00055864	WI	James R Gebel Revocable Living Trust 58 Road 2335 Aztec, NM 87410	
Joseph J Kelly	0.00195313	0.00167592	WI	Joseph J. Kelly 3955 S Spring Loop Roswell, NM 88203	
Mary Ann Twitty	0.00195313	0.00167592	WI	Mary Ann Twitty 26989 Sea Vista Dr. Malibu, CA 90265	
New Mexico Western Minerals	0.01562500	0.01340739	WI	New Mexico Western Minerals, Inc. Attn: Sandra Carrica P.O. Box 45750 Rio Rancho, NM 87174	
NonDarcy Oil & Gas, Inc.	0.00195313	0.00167592	WI	NonDarcy Oil & Gas Inc. Attn: J. Michael Kelly PO Box 1116 Roswell, NM 88202-1116	
Read & Stevens, Inc.	0.00390625	0.00335185	WI	Read & Stevens, Inc. PO Box 1518 Roswell, NM 88202	
Roy Barton Jr, Tee	0.00390625	0.00335185	WI	Roy Barton Jr, Trustee 1919 Turner St. Hobbs, NM 88240	
Slash Exploration et al.	0.00781250	0.00670369	WI	Slash Exploration P.O. Box 1973 Roswell, NM 88202	
V-F Petroleum, Inc.	0.02343750	0.01757813	WI	V-F Petroleum, Inc. Attn: Sandra K. Lawlis P.O. Box 1889 Midland, TX 79702	
Royalty Interest Owner				State of NM	
State of NM	0.00000000	0.12500000	RI	PO Box 1148 Santa Fe, NM 87504	
Overriding Roalty Interest Owners				Yates Brothers	
Yates Brothers	0.00000000	0.01692708	ORRI	PO Box 1394 Artesia, NM 88211	
Hanaco LLC (ORRI)	0.00000000	0.00401052	ORRI	Hanaco LLC Attn: Rob Hanagan PO Box 746	
Hanagan Investment LLC	0.00000000	0.00401052	ORRI	Big Horn, WY 82833 Hanagan Investments, LLC PO Box 1737	
Nestegg Energy Corp	0.00000000	0.00312500	ORRI	Roswell, NM 88202 Nestegg Energy Corporation 2308 Sierra Vista Rd.	
Zia Royalty LLC	0.00000000	0.00086121	ORRI	Artesia, NM 88210 Zia Royalty LLC PO Box 2160	
Constance Ann White	0.00000000	0.00057339	ORRI	Hobbs, NM 88241 Constance Ann White 7007 Lawler Ridge	
Elizabeth White Kanaly	0.00000000	0.00057339	ORRI	Houston, TX 77055 Elizabeth White Kanaly 1022 Potomac Drive	
J Phelps White IV	0.00000000	0.00057339	ORRI	Houston, TX 77057 J Phelps White IV PO Box 1433	
LRW Corporation	0.00000000	0.00054036	ORRI	Roswell, NM 88201 LRW Corporation 20540 Hwy 46W, #115-621	
J Phelps White III	0.00000000	0.00034403	ORRI	Spring Branch, TX 78070 J Phelps White III 8883 SW 94th Ln, Unit F	
The Beveridge Company	0.00000000	0.00028707	ORRI	Ocala, FL 34481 The Beveridge Company 4305 North Garfield, Suite 235	
Duck Creek Resources	0.00000000	0.00023438	ORRI	Midland, TX 79705 Duck Creek Resources, LLC 2302 Stanolind Ave Midland, Texas 79705	

Premier Land Resources	0.00000000	0.00011719	ORRI	Premier Land Resources LLC 20 Loma Verde Lane Roswell, NM 88203 Ramiro Medellin 121 S Hinson Rd
Ramiro Medellin	0.00000000	0.00011719	ORRI	Lovington, NM 88260-8759
Totals:	1.00000000	1.00000000		

Premier Land Resources	0.00000000	0.00011719	ORRI	Premier Land Resources LLC 20 Loma Verde Lane Roswell, NM 88203 Ramiro Medellin 121 S Hinson Rd
Ramiro Medellin	0.00000000	0.00011719	ORRI	Lovington, NM 88260-8759
Totals:	1.00000000	1.00000000		

Palmillo 10 State 334H API 30-015-45809				
Owner	Working Interest Owners			Address
	WI	NRI	Type	
Apache Corporation	0.49839410	0.40988682	WI	Apache Corporation 303 Veterans Airpark Lane Suite 1000 Midland, Texas 79795-4561
ZPZ Delaware I LLC	0.33125000	0.28796875	WI	ZPZ Delaware I LLC c/o Apache Corporation 303 Veterans Airpark Lane Suite 1000 Midland, Texas 79795-4561
Anderson-Malone, LLC	0.00260417	0.00223456	WI	Andersen-Malone, LLC PO Box 87 Roswell, NM 88202
Bean Family Limited Company	0.00781250	0.00670369	WI	Bean Family Limited Company P.O. Box 45750 Rio Rancho, NM 87174
Charles F. Malone, Jr.,	0.00086806	0.00074485	WI	Charles F. Malone, Jr. 2701 Chrysler Dr Roswell, NM 88201
Cheryl W Derrick	0.00651042	0.00558641	WI	Cheryl W Derrick 6006 Balcones #20 El Paso, TX 79912-3340
Collie Limited Partnership	0.00195313	0.00167592	WI	Coille Limited Partnership LP Attn: Patricia K. Kyle 1508 Wilmington Richmond, Virginia 23227
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Fortuna III Permian, LLC	0.01041667	0.00911458	WI	Fortuna III Permian LLC 2 Greenway Plaza, Suite 240 Houston, Texas 77046
Gilbert J Eaton	0.00260417	0.00223456	WI	Gilbert J Eaton 48 Arizona State Dr Newark, DE 19713
Harvard Petroleum Company, LLC	0.01562500	0.01340739	WI	Harvard Petroleum Company, LLC P.O. Box 936 Roswell, NM 88202
James R Gebel Revocable Living Tst	0.00065104	0.00055864	WI	James R Gebel Revocable Living Trust 58 Road 2335 Aztec, NM 87410
Joseph J Kelly	0.00195313	0.00167592	WI	Joseph J. Kelly 3955 S Spring Loop Roswell, NM 88203
Mary Ann Twitty	0.00195313	0.00167592	WI	Mary Ann Twitty 26989 Sea Vista Dr. Malibu, CA 90265
New Mexico Western Minerals	0.01562500	0.01340739	WI	New Mexico Western Minerals, Inc. Attn: Sandra Carrica P.O. Box 45750 Rio Rancho, NM 87174
NonDarcy Oil & Gas, Inc.	0.00195313	0.00167592	WI	NonDarcy Oil & Gas Inc. Attn: J. Michael Kelly PO Box 1116 Roswell, NM 88202-1116
Read & Stevens, Inc.	0.00390625	0.00335185	WI	Read & Stevens, Inc. PO Box 1518 Roswell, NM 88202
Roy Barton Jr, Tee	0.00390625	0.00335185	WI	Roy Barton Jr, Trustee 1919 Turner St. Hobbs, NM 88240
Slash Exploration et al.	0.00781250	0.00670369	WI	Slash Exploration P.O. Box 1973 Roswell, NM 88202
V-F Petroleum, Inc.	0.02343750	0.01757813	WI	V-F Petroleum, Inc. Attn: Sandra K. Lawlis P.O. Box 1889 Midland, TX 79702
Royalty Interest Owner				
State of NM	0.00000000	0.12500000	RI	State of NM PO Box 1148 Santa Fe, NM 87504
Overriding Roalty Interest Owners				
Yates Brothers	0.00000000	0.01692708	ORRI	Yates Brothers PO Box 1394 Artesia, NM 88211
Hanaco LLC (ORRI)	0.00000000	0.00401052	ORRI	Hanaco LLC Attn: Rob Hanagan PO Box 746 Big Horn, WY 82833
Hanagan Investment LLC	0.00000000	0.00401052	ORRI	Hanagan Investments, LLC PO Box 1737 Roswell, NM 88202
Nestegg Energy Corp	0.00000000	0.00312500	ORRI	Nestegg Energy Corporation 2308 Sierra Vista Rd. Artesia, NM 88210
Zia Royalty LLC	0.00000000	0.00086121	ORRI	Zia Royalty LLC PO Box 2160 Hobbs, NM 88241
Constance Ann White	0.00000000	0.00057339	ORRI	Constance Ann White 7007 Lawler Ridge Houston, TX 77055
Elizabeth White Kanaly	0.00000000	0.00057339	ORRI	Elizabeth White Kanaly 1022 Potomac Drive Houston, TX 77057
J Phelps White IV	0.00000000	0.00057339	ORRI	J Phelps White IV PO Box 1433 Roswell, NM 88201
LRW Corporation	0.00000000	0.00054036	ORRI	LRW Corporation 20540 Hwy 46W, #115-621 Spring Branch, TX 78070
J Phelps White III	0.00000000	0.00034403	ORRI	J Phelps White III 8883 SW 94th Ln, Unit F Ocala, FL 34481

Palmillo 10 State 335H API 30-015-45795				
Owner	Working Interest Owners			Address
	WI	NRI	Type	
Apache Corporation	0.49839410	0.40988682	WI	Apache Corporation 303 Veterans Airpark Lane Suite 1000 Midland, Texas 79795-4561
ZPZ Delaware I LLC	0.33125000	0.28796875	WI	ZPZ Delaware I LLC c/o Apache Corporation 303 Veterans Airpark Lane Suite 1000 Midland, Texas 79795-4561
Anderson-Malone, LLC	0.00260417	0.00223456	WI	Andersen-Malone, LLC PO Box 87 Roswell, NM 88202
Bean Family Limited Company	0.00781250	0.00670369	WI	Bean Family Limited Company P.O. Box 45750 Rio Rancho, NM 87174
Charles F. Malone, Jr	0.00086806	0.00074485	WI	Charles F. Malone, Jr. 2701 Chrysler Dr Roswell, NM 88201
Cheryl W Derrick	0.00651042	0.00558641	WI	Cheryl W Derrick 6006 Balcones #20 El Paso, TX 79912-3340
Collie Limited Partnership	0.00195313	0.00167592	WI	Coille Limited Partnership LP Attn: Patricia K. Kyle 1508 Wilmington Richmond, Virginia 23227
Devon Energy Production Company, L.P.	0.06076389	0.05316840	WI	Devon Energy Production Co, LP 333 West Sheridan Ave. Oklahoma City, OK 73102
Fortuna III Permian, LLC	0.01041667	0.00911458	WI	Fortuna III Permian LLC 2 Greenway Plaza, Suite 240 Houston, Texas 77046
Gilbert J Eaton	0.00260417	0.00223456	WI	Gilbert J Eaton 48 Arizona State Dr Newark, DE 19713
Harvard Petroleum Company, LLC	0.01562500	0.01340739	WI	Harvard Petroleum Company, LLC P.O. Box 936 Roswell, NM 88202
James R Gebel Revocable Living Tst	0.00065104	0.00055864	WI	James R Gebel Revocable Living Trust 58 Road 2335 Aztec, NM 87410
Joseph J Kelly	0.00195313	0.00167592	WI	Joseph J. Kelly 3955 S Spring Loop Roswell, NM 88203
Mary Ann Twitty	0.00195313	0.00167592	WI	Mary Ann Twitty 26989 Sea Vista Dr. Malibu, CA 90265
New Mexico Western Minerals	0.01562500	0.01340739	WI	New Mexico Western Minerals, Inc. Attn: Sandra Carrica P.O. Box 45750 Rio Rancho, NM 87174
NonDarcy Oil & Gas, Inc.	0.00195313	0.00167592	WI	NonDarcy Oil & Gas Inc. Attn: J. Michael Kelly PO Box 1116 Roswell, NM 88202-1116
Read & Stevens, Inc.	0.00390625	0.00335185	WI	Read & Stevens, Inc. PO Box 1518 Roswell, NM 88202
Roy Barton Jr, Tee	0.00390625	0.00335185	WI	Roy Barton Jr, Trustee 1919 Turner St. Hobbs, NM 88240
Slash Exploration et al.	0.00781250	0.00670369	WI	Slash Exploration P.O. Box 1973 Roswell, NM 88202
V-F Petroleum, Inc.	0.02343750	0.01757813	WI	V-F Petroleum, Inc. Attn: Sandra K. Lawlis P.O. Box 1889 Midland, TX 79702
Royalty Interest Owner				
State of NM	0.00000000	0.12500000	RI	State of NM PO Box 1148 Santa Fe, NM 87504
Overriding Roalty Interest Owners				
Yates Brothers	0.00000000	0.01692708	ORRI	Yates Brothers PO Box 1394 Artesia, NM 88211
Hanaco LLC (ORRI)	0.00000000	0.00401052	ORRI	Hanaco LLC Attn: Rob Hanagan PO Box 746 Big Horn, WY 82833
Hanagan Investment LLC	0.00000000	0.00401052	ORRI	Hanagan Investments, LLC PO Box 1737 Roswell, NM 88202
Nestegg Energy Corp	0.00000000	0.00312500	ORRI	Nestegg Energy Corporation 2308 Sierra Vista Rd. Artesia, NM 88210
Zia Royalty LLC	0.00000000	0.00086121	ORRI	Zia Royalty LLC PO Box 2160 Hobbs, NM 88241
Constance Ann White	0.00000000	0.00057339	ORRI	Constance Ann White 7007 Lawler Ridge Houston, TX 77055
Elizabeth White Kanaly	0.00000000	0.00057339	ORRI	Elizabeth White Kanaly 1022 Potomac Drive Houston, TX 77057
J Phelps White IV	0.00000000	0.00057339	ORRI	J Phelps White IV PO Box 1433 Roswell, NM 88201
LRW Corporation	0.00000000	0.00054036	ORRI	LRW Corporation 20540 Hwy 46W, #115-621 Spring Branch, TX 78070
J Phelps White III	0.00000000	0.00034403	ORRI	J Phelps White III 8883 SW 94th Ln, Unit F Ocala, FL 34481

The Beveridge Company	0.00000000	0.00028707	ORRI	The Beveridge Company 4305 North Garfield, Suite 235 Midland, TX 79705
Duck Creek Resources	0.00000000	0.00023438	ORRI	Duck Creek Resources, LLC 2302 Stanolind Ave Midland, Texas 79705
Premier Land Resources	0.00000000	0.00011719	ORRI	Premier Land Resources LLC 20 Loma Verde Lane Roswell, NM 88203
Ramiro Medellin	0.00000000	0.00011719	ORRI	Ramiro Medellin 121 S Hinson Rd Lovington, NM 88260-8759
Totals:	1.00000000	1.00000000		

The Beveridge Company	0.00000000	0.00028707	ORRI	The Beveridge Company 4305 North Garfield, Suite 235 Midland, TX 79705
Duck Creek Resources	0.00000000	0.00023438	ORRI	Duck Creek Resources, LLC 2302 Stanolind Ave Midland, Texas 79705
Premier Land Resources	0.00000000	0.00011719	ORRI	Premier Land Resources LLC 20 Loma Verde Lane Roswell, NM 88203
Ramiro Medellin	0.00000000	0.00011719	ORRI	Ramiro Medellin 121 S Hinson Rd Lovington, NM 88260-8759
Totals:	1.00000000	1.00000000		

Palmillo 10 State 332H API 30-015-45807				
Workign Interest Owners				
Owner	WI	NRI	Type	Address
Apache Corporation	0.63958333	0.52732639	WI	Apache Corporation 303 Veterans Airpark Lane Suite 1000 Midland, Texas 79795-4561
ZPZ Delaware I LLC	0.22500000	0.19312500	WI	ZPZ Delaware I LLC c/o Apache Corporation 303 Veterans Airpark Lane Suite 1000 Midland, Texas 79795-4561
Devon Energy Production Company, L.P.	0.12152778	0.10633681	WI	Devon Energy Production Co, LP 333 West Sheridan Ave. Oklahoma City, OK 73102
Fortuna III Permian, LLC	0.01388889	0.01215278	WI	Fortuna III Permian LLC 2 Greenway Plaza, Suite 240 Houston, Texas 77046
Royalty Interest Owners				
State of NM	0.00000000	0.12500000	RI	State of NM PO Box 1148 Santa Fe, NM 87504
Overriding Roalty Interest Owners				
Marathon Oil Company	0.00000000	0.00598958	ORRI	Marathon Oil Company 5555 San Felipe St. Houston, TX 77056
Nestegg Energy Corp	0.00000000	0.00750000	ORRI	Nestegg Energy Corporation 2308 Sierra Vista Rd. Artesia, NM 88210
Yates Brothers	0.00000000	0.02256944	ORRI	Yates Brothers PO Box 1394 Artesia, NM 88211
Totals	1.00000000	1.00000000		

Palmillo 10 State 333H 30-015-45808				
Workign Interest Owners				
Owner	WI	NRI	Type	Address
Apache Corporation	0.63958333	0.52732639	WI	Apache Corporation 303 Veterans Airpark Lane Suite 1000 Midland, Texas 79795-4561
ZPZ Delaware I LLC	0.22500000	0.19312500	WI	ZPZ Delaware I LLC c/o Apache Corporation 303 Veterans Airpark Lane Suite 1000 Midland, Texas 79795-4561
Devon Energy Production Company, L.P.	0.12152778	0.10633681	WI	Devon Energy Production Co, LP 333 West Sheridan Ave. Oklahoma City, OK 73102
Fortuna III Permian, LLC	0.01388889	0.01215278	WI	Fortuna III Permian LLC 2 Greenway Plaza, Suite 240 Houston, Texas 77046
Royalty Interest Owners				
State of NM	0.00000000	0.12500000	RI	State of NM PO Box 1148 Santa Fe, NM 87504
Overriding Roalty Interest Owners				
Marathon Oil Company	0.00000000	0.00598958	ORRI	Marathon Oil Company 5555 San Felipe St. Houston, TX 77056
Nestegg Energy Corp	0.00000000	0.00750000	ORRI	Nestegg Energy Corporation 2308 Sierra Vista Rd. Artesia, NM 88210
Yates Brothers	0.00000000	0.02256944	ORRI	Yates Brothers PO Box 1394 Artesia, NM 88211
Totals	1.00000000	1.00000000		

Palmillo 10 State 231H API 30-015-45790				
Workign Interest Owners				
Owner	WI	NRI	Type	Address
Apache Corporation	0.63958333	0.52732639	WI	Apache Corporation 303 Veterans Airpark Lane Suite 1000 Midland, Texas 79795-4561
ZPZ Delaware I LLC	0.22500000	0.19312500	WI	ZPZ Delaware I LLC c/o Apache Corporation 303 Veterans Airpark Lane Suite 1000 Midland, Texas 79795-4561
Devon Energy Production Company, L.P.	0.12152778	0.10633681	WI	Devon Energy Production Co, LP 333 West Sheridan Ave. Oklahoma City, OK 73102
Fortuna III Permian, LLC	0.01388889	0.01215278	WI	Fortuna III Permian LLC 2 Greenway Plaza, Suite 240 Houston, Texas 77046
Royalty Interest Owners				
State of NM	0.00000000	0.12500000	RI	State of NM PO Box 1148 Santa Fe, NM 87504
Overriding Roalty Interest Owners				
Marathon Oil Company	0.00000000	0.00598958	ORRI	Marathon Oil Company 5555 San Felipe St. Houston, TX 77056
Nestegg Energy Corp	0.00000000	0.00750000	ORRI	Nestegg Energy Corporation 2308 Sierra Vista Rd. Artesia, NM 88210
Yates Brothers	0.00000000	0.02256944	ORRI	Yates Brothers PO Box 1394 Artesia, NM 88211
Totals	1.00000000	1.00000000		
Palmillo 3 State Com #243 API 30-015-45801				
Working Interest Owners				
Owner	Unit WI	Unit NRI	Type	Address
Apache Corporation	0.64873638	0.51350978	WI	Apache Corporation 303 Veterans Airpark Lane Suite 1000 Midland, Texas 79795-4561
ZPZ Delaware I LLC	0.24993783	0.21869560	WI	ZPZ Delaware I LLC c/o Apache Corporation 303 Veterans Airpark Lane Suite 1000 Midland, Texas 79795-4561
Andersen-Malone, LLC	0.00260481	0.00227921	WI	Andersen-Malone, LLC PO Box 87 Roswell, NM 88202
EOG Resources, Inc.	0.09025533	0.06769150	WI	EOG Resources, Inc. 5509 Champions Dr. Midland, TX 79706-2843
James R Gebel Revocable Living Tst	0.00065120	0.00056980	WI	James R Gebel Revocable Living Trust 58 Road 2335 Aztec, NM 87410
Read & Stevens, Inc.	0.3907222%	0.00341882	WI	Read & Stevens, Inc. PO Box 1518 Roswell, NM 88202

Palmillo 10 State 232H API 30-015-45785				
Workign Interest Owners				
Owner	WI	NRI	Type	Address
Apache Corporation	0.63958333	0.52732639	WI	Apache Corporation 303 Veterans Airpark Lane Suite 1000 Midland, Texas 79795-4561
ZPZ Delaware I LLC	0.22500000	0.19312500	WI	ZPZ Delaware I LLC c/o Apache Corporation 303 Veterans Airpark Lane Suite 1000 Midland, Texas 79795-4561
Devon Energy Production Company, L.P.	0.12152778	0.10633681	WI	Devon Energy Production Co, LP 333 West Sheridan Ave. Oklahoma City, OK 73102
Fortuna III Permian, LLC	0.01388889	0.01215278	WI	Fortuna III Permian LLC 2 Greenway Plaza, Suite 240 Houston, Texas 77046
Royalty Interest Owners				
State of NM	0.00000000	0.12500000	RI	State of NM PO Box 1148 Santa Fe, NM 87504
Overriding Roalty Interest Owners				
Marathon Oil Company	0.00000000	0.00598958	ORRI	Marathon Oil Company 5555 San Felipe St. Houston, TX 77056
Nestegg Energy Corp	0.00000000	0.00750000	ORRI	Nestegg Energy Corporation 2308 Sierra Vista Rd. Artesia, NM 88210
Yates Brothers	0.00000000	0.02256944	ORRI	Yates Brothers PO Box 1394 Artesia, NM 88211
Totals	1.00000000	1.00000000		
Palmillo 3 State Com #244 API 30-015-45802				
Working Interest Owners				
Owner	Unit WI	Unit NRI	Type	Address
Apache Corporation	64.873638%	0.51350978	WI	Apache Corporation 303 Veterans Airpark Lane Suite 1000 Midland, Texas 79795-4561
ZPZ Delaware I LLC	24.993783%	0.21869560	WI	ZPZ Delaware I LLC c/o Apache Corporation 303 Veterans Airpark Lane Suite 1000 Midland, Texas 79795-4561
Andersen-Malone, LLC	0.260481%	0.00227921	WI	Andersen-Malone, LLC PO Box 87 Roswell, NM 88202
EOG Resources, Inc.	9.025533%	0.06769150	WI	EOG Resources, Inc. 5509 Champions Dr. Midland, TX 79706-2843
James R Gebel Revocable Living Tst	0.065120%	0.00056980	WI	James R Gebel Revocable Living Trust 58 Road 2335 Aztec, NM 87410
Read & Stevens, Inc.	0.3907222%	0.00341882	WI	Read & Stevens, Inc. PO Box 1518 Roswell, NM 88202

Roy Barton Jr, Tee	0.00390722	0.00341882	WI	Roy Barton Jr, Trustee 1919 Turner St. Hobbs, NM 88240
Royalty Interest				
State of New Mexico	0.000000%	0.12500000	RI	State of NM PO Box 1148 Santa Fe, NM 87504
Overriding Royalty Interest Owners				
LRF JR, LLC	0.000000%	0.02064583	ORRI	LRF JR, LLC 1010 W. Wall St. Midland, TX 79701
Yates Brothers	0.000000%	0.01128192	ORRI	Yates Brothers PO Box 1394 Artesia, NM 88211
K.M. Jastrow Living Trust dtd 7/10/10	0.000000%	0.00832622	ORRI	K.M. Jastrow Living Trust dtd 7/10/10 P.O. Box 3668 Midland, TX 79702
Hanaco LLC	0.000000%	0.00389745	ORRI	Hanaco LLC Attn: Rob Hanagan PO Box 746 Big Horn, WY 82833
Hanagan Investment, LLC	0.000000%	0.00389745	ORRI	Hanagan Investments, LLC PO Box 1737 Roswell, NM 88202
EOG Resources, Inc.	0.000000%	0.00287181	ORRI	EOG Resources, Inc. 5509 Champions Dr. Midland, TX 79706-2843
Harvard Petroleum Company, LLC	0.000000%	0.00164103	ORRI	Harvard Petroleum Company, LLC P.O. Box 936 Roswell, NM 88202
Cornerstone Family Trust	0.000000%	0.00164103	ORRI	Cornerstone Family Trust P.O. Box 558 Peyton, CO 80831
Zia Royalty, LLC	0.000000%	0.00097920	ORRI	Zia Royalty LLC PO Box 2160 Hobbs, NM 88241
Bean Family Limited Company	0.000000%	0.00082052	ORRI	Bean Family Limited Company P.O. Box 45750 Rio Rancho, NM 87174
New Mexico Western Minerals	0.000000%	0.00082052	ORRI	New Mexico Western Minerals, Inc. Attn: Sandra Carrica P.O. Box 45750 Rio Rancho, NM 87174
Slash Exploration Limited Partnership	0.000000%	0.00082052	ORRI	Slash Exploration P.O. Box 1973 Roswell, NM 88202
Theodore P White et ux	0.000000%	0.00082052	ORRI	Theodore P White PO Box 533 Roswell, NM 88202
Cheryl W Derrick	0.000000%	0.00068376	ORRI	Cheryl W Derrick 6006 Balcones #20 El Paso, TX 79912-3340
Constance White Loyd	0.000000%	0.00068376	ORRI	Constance White Loyd fka Constance Ann White 7007 Lawler Ridge Houston, TX 77055
Elizabeth White Nelson	0.000000%	0.00068376	ORRI	Elizabeth White Kanaly 1022 Potomac Drive Houston, TX 77057
J Phelps White IV	0.000000%	0.00068376	ORRI	J Phelps White IV PO Box 1433 Roswell, NM 88201
LRW Corporation	0.000000%	0.00061440	ORRI	LRW Corporation 20540 Hwy 46W, #115-621 Spring Branch, TX 78070
DML Revocable Trust	0.000000%	0.00054701	ORRI	DML Revocable Trust Dan Leonard, Trustee PO Box 3422 Midland, TX 79702
Lisa L Durban	0.000000%	0.00054701	ORRI	Lisa L Durban P.O. Box 3194 Boulder, CO 80307
Robert K Leonard	0.000000%	0.00054701	ORRI	Robert (Kelly) K Leonard PO Box 294928 Kerrville, TX 78029
Phelps White aka JP White III	0.000000%	0.00041026	ORRI	J Phelps White III 8883 SW 94th Ln, Unit F Ocala, FL 34481
George M. O'Brien	0.000000%	0.00027351	ORRI	George M. O'Brien P.O. Box 1743 Midland, TX 79702
Natural Gas Services	0.000000%	0.00027351	ORRI	Natural Gas Services P.O. Box 2464 Roswell, NM 88202
Coille Limited Partnership	0.000000%	0.00020513	ORRI	Coille Limited Partnership LP Attn: Patricia K. Kyle 1508 Wilmington Richmond, Virginia 23227
Joseph J Kelly	0.000000%	0.00020513	ORRI	Joseph J. Kelly 3955 S Spring Loop Roswell, NM 88203
NonDarcy Oil & Gas, Inc.	0.000000%	0.00020513	ORRI	NonDarcy Oil & Gas Inc. Attn: J. Michael Kelly PO Box 1116 Roswell, NM 88202-1116
Patricia Kyle	0.000000%	0.00020513	ORRI	Coille Limited Partnership LP Attn: Patricia K. Kyle 1508 Wilmington Richmond, Virginia 23227
Gretchen S White Testamentary Trust	0.000000%	0.00013675	ORRI	Gretchen White Testamentary Trust William J Derrick, Trustee 6006 Balcones #20 El Paso, TX 79912--3340
The Beveridge Company	0.000000%	0.00004743	ORRI	The Beveridge Company 4305 North Garfield, Suite 235 Midland, TX 79705
Totals	100.000000%	1.00000000		

Palmillo 3 State Com #242 API 30-015-45800	
Working Interest Owners	

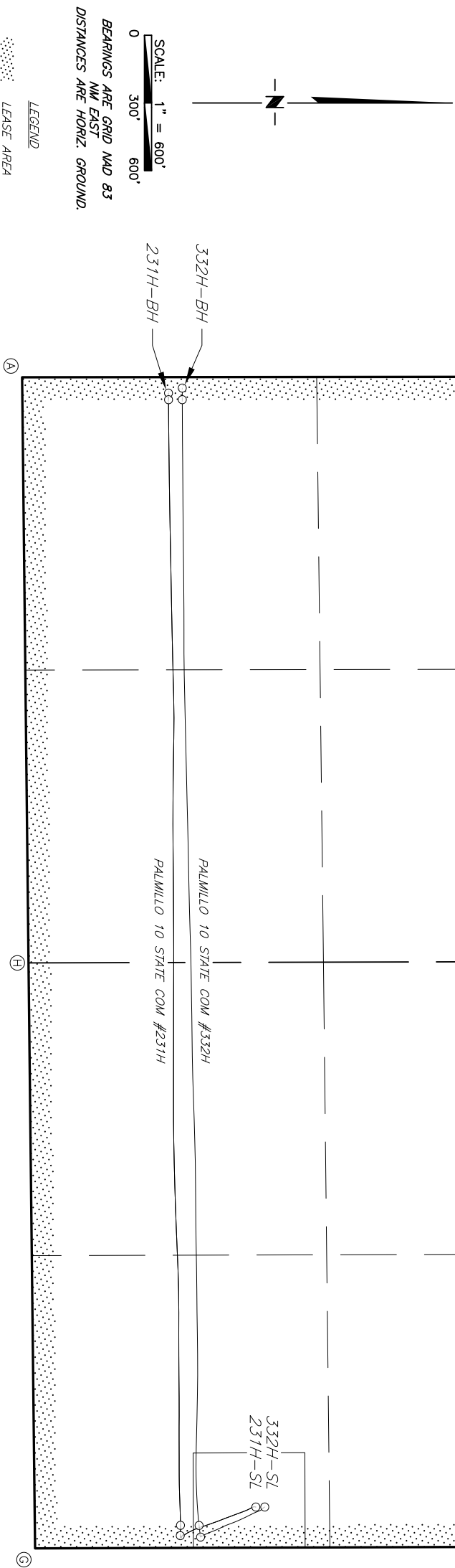
Roy Barton Jr, Tee	0.390722%	0.00341882	WI	Roy Barton Jr, Trustee 1919 Turner St. Hobbs, NM 88240
Royalty Interest				
State of New Mexico	0.000000%	0.12500000	RI	State of NM PO Box 1148 Santa Fe, NM 87504
Overriding Royalty Interest Owners				
LRF JR, LLC	0.000000%	0.02064583	ORRI	LRF JR, LLC 1010 W. Wall St. Midland, TX 79701
Yates Brothers	0.000000%	0.01128192	ORRI	Yates Brothers PO Box 1394 Artesia, NM 88211
K.M. Jastrow Living Trust dtd 7/10/10	0.000000%	0.00832622	ORRI	K.M. Jastrow Living Trust dtd 7/10/10 P.O. Box 3668 Midland, TX 79702
Hanaco LLC	0.000000%	0.00389745	ORRI	Hanaco LLC Attn: Rob Hanagan PO Box 746 Big Horn, WY 82833
Hanagan Investment, LLC	0.000000%	0.00389745	ORRI	Hanagan Investments, LLC PO Box 1737 Roswell, NM 88202
EOG Resources, Inc.	0.000000%	0.00287181	ORRI	EOG Resources, Inc. 5509 Champions Dr. Midland, TX 79706-2843
Harvard Petroleum Company, LLC	0.000000%	0.00164103	ORRI	Harvard Petroleum Company, LLC P.O. Box 936 Roswell, NM 88202
Cornerstone Family Trust	0.000000%	0.00164103	ORRI	Cornerstone Family Trust P.O. Box 558 Peyton, CO 80831
Zia Royalty, LLC	0.000000%	0.00097920	ORRI	Zia Royalty LLC PO Box 2160 Hobbs, NM 88241
Bean Family Limited Company	0.000000%	0.00082052	ORRI	Bean Family Limited Company P.O. Box 45750 Rio Rancho, NM 87174
New Mexico Western Minerals	0.000000%	0.00082052	ORRI	New Mexico Western Minerals, Inc. Attn: Sandra Carrica P.O. Box 45750 Rio Rancho, NM 87174
Slash Exploration Limited Partnership	0.000000%	0.00082052	ORRI	Slash Exploration P.O. Box 1973 Roswell, NM 88202
Theodore P White et ux	0.000000%	0.00082052	ORRI	Theodore P White PO Box 533 Roswell, NM 88202
Cheryl W Derrick	0.000000%	0.00068376	ORRI	Cheryl W Derrick 6006 Balcones #20 El Paso, TX 79912-3340
Constance White Loyd	0.000000%	0.00068376	ORRI	Constance White Loyd fka Constance Ann White 7007 Lawler Ridge Houston, TX 77055
Elizabeth White Nelson	0.000000%	0.00068376	ORRI	Elizabeth White Kanaly 1022 Potomac Drive Houston, TX 77057
J Phelps White IV	0.000000%	0.00068376	ORRI	J Phelps White IV PO Box 1433 Roswell, NM 88201
LRW Corporation	0.000000%	0.00061440	ORRI	LRW Corporation 20540 Hwy 46W, #115-621 Spring Branch, TX 78070
DML Revocable Trust	0.000000%	0.00054701	ORRI	DML Revocable Trust Dan Leonard, Trustee PO Box 3422 Midland, TX 79702
Lisa L Durban	0.000000%	0.00054701	ORRI	Lisa L Durban P.O. Box 3194 Boulder, CO 80307
Robert K Leonard	0.000000%	0.00054701	ORRI	Robert (Kelly) K Leonard PO Box 294928 Kerrville, TX 78029
Phelps White aka JP White III	0.000000%	0.00041026	ORRI	J Phelps White III 8883 SW 94th Ln, Unit F Ocala, FL 34481
George M. O'Brien	0.000000%	0.00027351	ORRI	George M. O'Brien P.O. Box 1743 Midland, TX 79702
Natural Gas Services	0.000000%	0.00027351	ORRI	Natural Gas Services P.O. Box 2464 Roswell, NM 88202
Coille Limited Partnership	0.000000%	0.00020513	ORRI	Coille Limited Partnership LP Attn: Patricia K. Kyle 1508 Wilmington Richmond, Virginia 23227
Joseph J Kelly	0.000000%	0.00020513	ORRI	Joseph J. Kelly 3955 S Spring Loop Roswell, NM 88203
NonDarcy Oil & Gas, Inc.	0.000000%	0.00020513	ORRI	NonDarcy Oil & Gas Inc. Attn: J. Michael Kelly PO Box 1116 Roswell, NM 88202-1116
Patricia Kyle	0.000000%	0.00020513	ORRI	Coille Limited Partnership LP Attn: Patricia K. Kyle 1508 Wilmington Richmond, Virginia 23227
Gretchen S White Testamentary Trust	0.000000%	0.00013675	ORRI	Gretchen White Testamentary Trust William J Derrick, Trustee 6006 Balcones #20 El Paso, TX 79912--3340
The Beveridge Company	0.000000%	0.00004743	ORRI	The Beveridge Company 4305 North Garfield, Suite 235 Midland, TX 79705
Totals	100.000000%	1.00000000		

Palmillo 3 State Com #241 API 30-015-45799	
Working Interest Owners	Address

Owner	Unit WI	Unit NRI	Type	Address				
				Apache Corporation 303 Veterans Airpark Lane Suite 1000 Midland, Texas 79795-4561	Apache Corporation	0.64865451	0.52496116	WI Midland, Texas 79795-4561
ZPZ Delaware I LLC	0.37500000	0.32812500	WI	ZPZ Delaware I LLC c/o Apache Corporation 303 Veterans Airpark Lane Suite 1000 Midland, Texas 79795-4561	ZPZ Delaware I LLC	0.25000000	0.21875000	WI ZPZ Delaware I LLC c/o Apache Corporation 303 Veterans Airpark Lane Suite 1000 Midland, Texas 79795-4561
Apache Corporation	0.47851563	0.39253495	WI	Andersen-Malone, LLC PO Box 87 Roswell, NM 88202	Andersen-Malone, LLC	0.00260417	0.00221987	WI Roswell, NM 88202
Andersen-Malone, LLC	0.00260417	0.00221987	WI	EOG Resources, Inc. 5509 Champions Dr. Midland, TX 79706-2843	EOG Resources, Inc.	0.09027778	0.06770833	WI EOG Resources, Inc. 5509 Champions Dr. Midland, TX 79706-2843
EOG Resources, Inc.	0.13541667	0.10156250	WI	James R Gebel Revocable Living Trust 58 Road 2335 Aztec, NM 87410	James R Gebel Revocable Living Tst	0.00065104	0.00055497	WI James R Gebel Revocable Living Trust 58 Road 2335 Aztec, NM 87410
James R Gebel Revocable Living Tst	0.00065104	0.00055497	WI	Read & Stevens, Inc. PO Box 1518 Roswell, NM 88202	Read & Stevens, Inc.	0.00390625	0.00332981	WI Read & Stevens, Inc. PO Box 1518 Roswell, NM 88202
Read & Stevens, Inc.	0.00390625	0.00332981	WI	Roy Barton Jr, Trustee 1919 Turner St. Hobbs, NM 88240	Roy Barton Jr, Tee	0.00390625	0.00332981	WI Roy Barton Jr, Trustee 1919 Turner St. Hobbs, NM 88240
Roy Barton Jr, Tee	0.00390625	0.00332981	WI					
Royalty Interest					Royalty Interest			
				State of NM PO Box 1148 Santa Fe, NM 87504				State of NM PO Box 1148 Santa Fe, NM 87504
State of New Mexico	0.00000000	0.12500000	RI		State of New Mexico	0.00000000	0.12500000	RI Santa Fe, NM 87504
Overriding Royalty Interest Owners								
				Yates Brothers PO Box 1394 Artesia, NM 88211				Yates Brothers PO Box 1394 Artesia, NM 88211
Yates Brothers	0.00000000	0.02256944	ORRI	Hanagan Investments, LLC PO Box 1737 Roswell, NM 88202	Yates Brothers	0.00000000	0.01692708	ORRI LRF JR, LLC 1010 W. Wall St. Midland, TX 79701
Hanagan Investment LLC	0.00000000	0.00347772	ORRI	Hanaco LLC Attn: Rob Hanagan PO Box 746 Big Horn, WY 82833	LRF JR	0.00000000	0.01480469	ORRI Hanagan Investments, LLC PO Box 1737 Roswell, NM 88202
Hanaco LLC	0.00000000	0.00347772	ORRI	EOG Resources, Inc. 5509 Champions Dr. Midland, TX 79706-2843	Hanagan Investment LLC	0.00000000	0.00347772	ORRI Hanaco LLC Attn: Rob Hanagan PO Box 746 Big Horn, WY 82833
EOG Resources, Inc.	0.00000000	0.00256253	ORRI	Harvard Petroleum Company, LLC P.O. Box 936 Roswell, NM 88202	Hanaco LLC	0.00000000	0.00347772	ORRI EOG Resources, Inc. 5509 Champions Dr. Midland, TX 79706-2843
Harvard Petroleum Company, LLC	0.00000000	0.00146430	ORRI	Zia Royalty LLC PO Box 2160 Hobbs, NM 88241	EOG Resources, Inc.	0.00000000	0.00256253	ORRI Cornerstone Family Trust P.O. Box 558 Peyton, CO 80831
ZIA Royalty, LLC	0.00000000	0.00087375	ORRI	Bean Family Limited Company P.O. Box 45750 Rio Rancho, NM 87174	Cornerstone Family Trust	0.00000000	0.00164063	ORRI Harvard Petroleum Company, LLC P.O. Box 936 Roswell, NM 88202
Bean Family Limited Company	0.00000000	0.00073215	ORRI	New Mexico Western Minerals, Inc. Attn: Sandra Carrica P.O. Box 45750 Rio Rancho, NM 87174	Harvard Petroleum Company, LLC	0.00000000	0.00146430	ORRI Zia Royalty LLC PO Box 2160 Hobbs, NM 88241
New Mexico Western Minerals	0.00000000	0.00073215	ORRI	Slash Exploration P.O. Box 1973 Roswell, NM 88202	ZIA Royalty, LLC	0.00000000	0.00087375	ORRI Bean Family Limited Company P.O. Box 45750 Rio Rancho, NM 87174
Slash Exploration Limited Partnership	0.00000000	0.00073215	ORRI	Theodore P White PO Box 533 Roswell, NM 88202	Bean Family Limited Company	0.00000000	0.00073215	ORRI New Mexico Western Minerals, Inc. Attn: Sandra Carrica P.O. Box 45750 Rio Rancho, NM 87174
Theodore P White ssp and et ux	0.00000000	0.00073215	ORRI	Cheryl W Derrick 6006 Balcones #20 El Paso, TX 79912-3340	New Mexico Western Minerals	0.00000000	0.00073215	ORRI Slash Exploration P.O. Box 1973 Roswell, NM 88202
Cheryl W Derrick	0.00000000	0.00061013	ORRI	Constance White Loyd fka Constance Ann White 7007 Lawler Ridge Houston, TX 77055	Slash Exploration Limited Partnership	0.00000000	0.00073215	ORRI Theodore P White PO Box 533 Roswell, NM 88202
Constance White Loyd	0.00000000	0.00061013	ORRI	Elizabeth White Kanaly 1022 Potomac Drive Houston, TX 77057	Theodore P White ssp and et ux	0.00000000	0.00073215	ORRI Cheryl W Derrick 6006 Balcones #20 El Paso, TX 79912-3340
Elizabeth White Nelson	0.00000000	0.00061013	ORRI	J Phelps White IV PO Box 1433 Roswell, NM 88201	Cheryl W Derrick	0.00000000	0.00061013	ORRI Constance White Loyd fka Constance Ann White 7007 Lawler Ridge Houston, TX 77055
J Phelps White IV	0.00000000	0.00061013	ORRI	LRW Corporation 20540 Hwy 46W, #115-621 Spring Branch, TX 78070	Constance White Loyd	0.00000000	0.00061013	ORRI Elizabeth White Kanaly 1022 Potomac Drive Houston, TX 77057
LRW Corporation	0.00000000	0.00054823	ORRI	PO box 3422 midland texas Lisa L Durban P.O. Box 3194 Boulder, CO 80307	Elizabeth White Nelson	0.00000000	0.00061013	ORRI J Phelps White IV PO Box 1433 Roswell, NM 88201
DMV Rev Tst	0.00000000	0.00048810	ORRI	Robert (Kelly) K Leonard PO Box 294928 Kerrville, TX 78029	J Phelps White IV	0.00000000	0.00061013	ORRI LRW Corporation 20540 Hwy 46W, #115-621 Spring Branch, TX 78070
Lisa L Durban	0.00000000	0.00048810	ORRI	J Phelps White III 8883 SW 94th Ln, Unit F Ocala, FL 34481	LRW Corporation	0.00000000	0.00054823	ORRI DMV Rev Tst PO box 3422 midland texas Lisa L Durban P.O. Box 3194 Boulder, CO 80307
Robert K Leonard	0.00000000	0.00048810	ORRI	Coille Limited Partnership LP Attn: Patricia K. Kyle 1508 Wilmington Richmond, Virginia 23227	DMV Rev Tst	0.00000000	0.00048810	ORRI Lisa L Durban 0.00000000 0.00048810 ORRI Robert (Kelly) K Leonard PO Box 294928 Kerrville, TX 78029
Phelps White aka JP White III	0.00000000	0.00036608	ORRI	Joseph J. Kelly 3955 S Spring Loop Roswell, NM 88203	Lisa L Durban	0.00000000	0.00048810	ORRI Phelps White aka JP White III 0.00000000 0.00036608 ORRI Coille Limited Partnership LP Attn: Patricia K. Kyle 1508 Wilmington Richmond, Virginia 23227
Coille Limited Partnership	0.00000000	0.00018304	ORRI	Mary Ann Twitty 26989 Sea Vista Dr. Malibu, CA 90265	Robert K Leonard	0.00000000	0.00048810	ORRI Joseph J. Kelly 3955 S Spring Loop Roswell, NM 88203
Joseph J Kelly	0.00000000	0.00018304	ORRI	NonDarcy Oil & Gas Inc. Attn: J. Michael Kelly PO Box 1116 Roswell, NM 88202-1116	Phelps White aka JP White III	0.00000000	0.00036608	ORRI Coille Limited Partnership Attn: Patricia K. Kyle 1508 Wilmington Richmond, Virginia 23227
Mary Ann Twitty	0.00000000	0.00018304	ORRI	George M. O'Brien P.O. Box 1743 Midland, TX 79702	Coille Limited Partnership	0.00000000	0.00018304	ORRI Mary Ann Twitty 26989 Sea Vista Dr. Malibu, CA 90265
NonDarcy Oil & Gas, Inc.	0.00000000	0.00018304	ORRI		Joseph J Kelly	0.00000000	0.00018304	ORRI
George M. O'Brien	0.00000000	0.00013672	ORRI		Mary Ann Twitty	0.00000000	0.00018304	ORRI

			Natural Gas Services P.O. Box 2464 Roswell, NM 88202 Gretchen White Testamentary Trust William J Derrick, Trustee 6006 Balcones #20 El Paso, TX 79912--3340 The Beveridge Company 4305 North Garfield, Suite 235 Midland, TX 79705
Natural Gas Services	0.00000000	0.00013672 ORRI	
William J Derrick, Trustee of G White Test Tst	0.00000000	0.00012203 ORRI	
The Beveridge Company	0.00000000	0.00004232 ORRI	
Totals	1.00000000	1.00000000	

			NonDarcy Oil & Gas Inc. Attn: J. Michael Kelly PO Box 1116 Roswell, NM 88202-1116
NonDarcy Oil & Gas, Inc.	0.00000000	0.00018304 ORRI	
George M. O'Brien	0.00000000	0.00013672 ORRI	George M O'Brien P.O. Box 1743 Midland, TX 79702 Natural Gas Services P.O. Box 2464 Roswell, NM 88202 Gretchen White Testamentary Trust William J Derrick, Trustee 6006 Balcones #20 El Paso, TX 79912--3340 The Beveridge Company 4305 North Garfield, Suite 235 Midland, TX 79705
Natural Gas Services	0.00000000	0.00013672 ORRI	
William J Derrick, Trustee of G White Test Tst	0.00000000	0.00012203 ORRI	
The Beveridge Company	0.00000000	0.00004232 ORRI	
Totals	1.00000000	1.00000000	



CORNER DATA
NAD 83 GRID - NM EAST

A: FOUND BRASS CAP "1941"
N 606757.3 - E 590806.4

B: FOUND BRASS CAP "1941"
N 609393.2 - E 590803.6

C: FOUND BRASS CAP "1941"
N 612029.5 - E 590800.8

D: FOUND BRASS CAP "1941"
N 612060.8 - E 593387.2

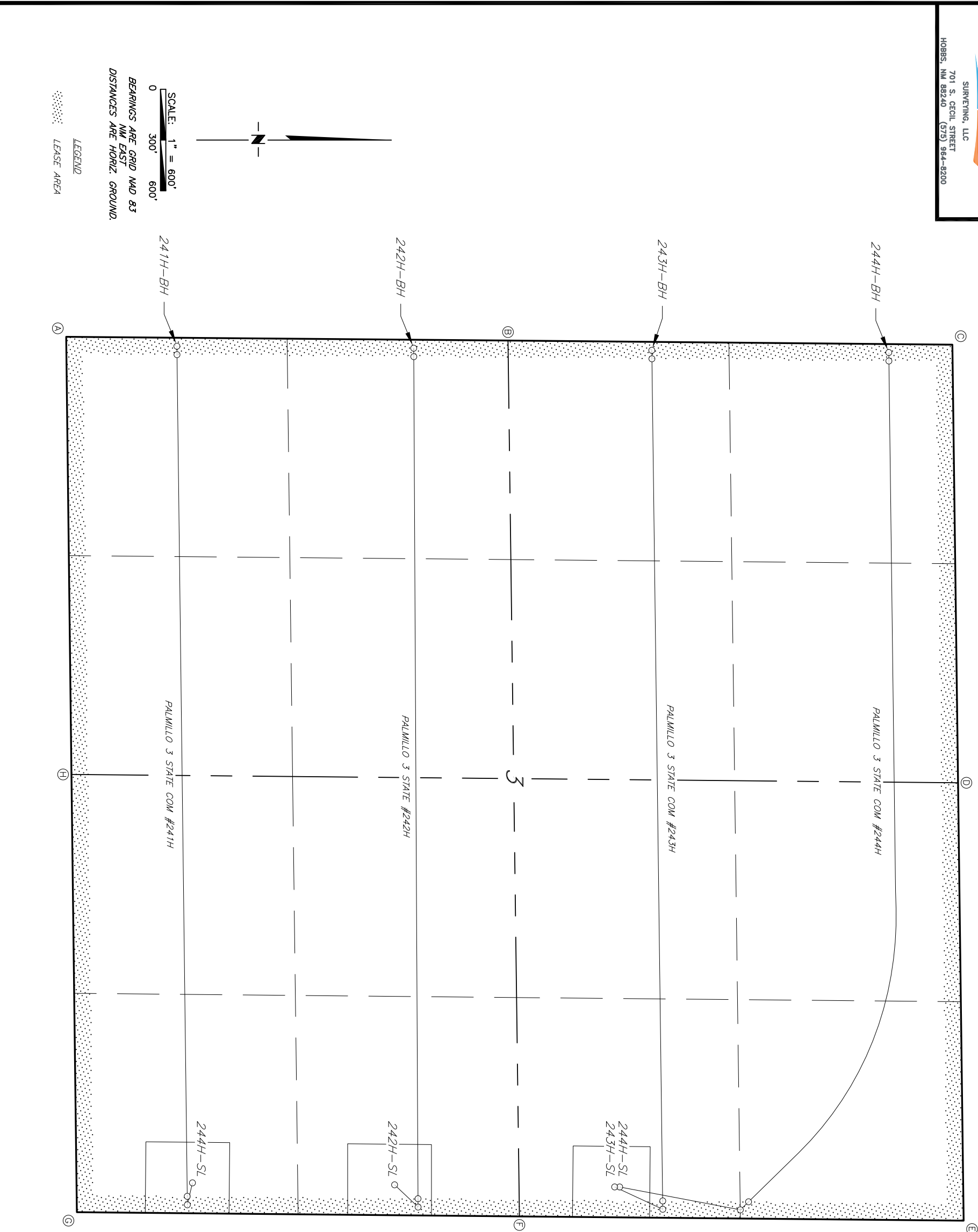
E: FOUND BRASS CAP "1911"
N 612093.1 - E 596974.2

F: FOUND BRASS CAP "1941"
N 609454.0 - E 595984.6

G: FOUND BRASS CAP "1941"
N 606815.2 - E 595993.1

H: FOUND BRASS CAP "1941"
N 606785.9 - E 593400.0

APACHE CORPORATION				
OVERALL LEASE AREA FOR THE PALMILLO 10 STATE COM WELLS 232H-232H-233H-234H-332H-333H-334H-335H SECTION 10, T19S, R28E EDDY COUNTY, NEW MEXICO				
SCALE:	1"=600'	SURVEYED BY:	AB/RU	JOB No.: LS18121354
DATE:	12-04-2018	DRAWN BY:	CAR	DWG: OVERALL LEASE
REV:	01-31-2019	APPROVED BY:	JLF	SHEET: 1 OF 1



APACHE CORPORATION			
OVERALL LEASE AREA FOR THE PALMILLO 3 STATE COM WELLS 241H-242H-243H-244H SECTION 3, T19S, R28E EDDY COUNTY, NEW MEXICO			
SCALE:	1"=600'	SURVEYED BY:	AB/RU
DATE:	01-08-2018	DRAWN BY:	CAR
REV:	12-04-2019	APPROVED BY:	JLF
		JOB No.:	LS18121355
		DWG:	OVERALL LEASE
		SHEET:	1 OF 1

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CORNER DATA
NAD 83 GRID - NM EAST
A: FOUND BRASS CAP "1941"
N 612029.5 - E 590800.8
B: FOUND BRASS CAP "1941"
N 614665.5 - E 590822.7
C: FOUND BRASS CAP "1941"
N 617316.8 - E 590847.2
D: FOUND BRASS CAP "1941"
N 617350.7 - E 593436.5
E: FOUND BRASS CAP "1914"
N 617384.0 - E 596024.3
F: FOUND BRASS CAP "1941"
N 614733.6 - E 595999.8
G: FOUND BRASS CAP "1911"
N 612093.1 - E 595974.2
H: FOUND BRASS CAP "1941"
N 612060.8 - E 593387.2

Apache Corporation
Palmillo 0310
Central Tank Battery
Sec. 3, T19S, R28E
Lat. 32.6837699, Long. -104.1611935

