

ABOVE THIS LINE FOR DIVISION USE ONLY

**NEW MEXICO OIL CONSERVATION DIVISION**  
 - 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

**Application Acronyms:**

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

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

- [A] Location - Spacing Unit - Simultaneous Dedication  
 NSL  NSP  SD

Check One Only for [B] or [C]

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

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

- [D] Other: Specify \_\_\_\_\_

*CTB OPERATING - 22487*  
 Passion 1 Fed Com 5H 30-015-42410  
 Passion 1 Fed Com 26H API Pending  
 Churchmouse 1 Fed Com 18H 30-015-42917  
 Churchmouse 1 Fed Com 27H API Pending

*Pool*  
*- Empire*  
*Glorieta - yes,*  
*96610.*

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

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

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **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.**

Kanicia Castillo

*KC*

Lead Regulatory Analyst

04/09/15

Print or Type Name

Signature

Title

Date

kcastillo@concho.com  
 e-mail Address



March 9, 2015

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

RECEIVED OGD

2015 APR 10 P 2:31

**RE: Request for Surface Commingle and Off Lease Measurement of Gas**

Mr. McMillan,

COG Operating LLC respectfully requests approval for Surface Commingle on our Passion 1 Federal Com #5H Central Tank Battery:

Passion 1 Federal Com #5H  
Eddy County, NM  
1910' FSL & 180' FEL  
Sec. 1, T17S, R29E, Unit I  
Empire;Glorieta-Yeso, East 96610  
API# 30-015-42410

Passion 1 Federal Com #26H  
Eddy County, NM  
1650' FSL & 150' FEL  
Sec. 1, T17S, R29E, Unit I  
Empire;Glorieta-Yeso, East 96610  
API# Pending

Churchmouse 1 Federal Com #18H  
Eddy County, NM  
350' FSL & 180' FEL  
Sec. 1, T17S, R29E, Unit P  
Empire;Glorieta-Yeso, East 96610  
API# 30-015-42917

Churchmouse 1 Federal Com #27H  
Eddy County, NM  
860' FSL & 30' FEL  
Sec. 1, T17S, R29E, Unit P  
Empire;Glorieta-Yeso, East 96610  
API# Pending

Consolidating our battery facilities will extend the economic life for these wells and lessen surface disturbance. Three of these wells will have their own test separators and the fourth well will allocate using the subtraction method. Commingling will not reduce the value of production.

We are also requesting off lease sales of our gas for this battery. We are waiting for DCP to run a line to our facility. Until then, we will run our own line to the Twelve Pack facility and tie into the DCP line there. We are currently flaring gas at this location.

I have attached 6 months of production data on the well that is currently producing, a diagram of the battery facility, a map showing the well locations, and the location of the CTB, admin checklist, and notice to all interest owners.

Please contact me at 432-685-4332 should you have any questions.

Sincerely,

Kanicia Castillo  
432.685.4332  
Lead Regulatory Analyst  
COG Operating LLC

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: COG Operating LLC

OPERATOR ADDRESS: One Concho Center, 600 West Illinois Ave, Midland, Texas 79701

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

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. Empire;Glorieta-Yeso, East, 96610  
(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) Subtraction Method

**(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: K C TITLE: Lead Regulatory Analyst DATE: 03/18/15

TYPE OR PRINT NAME Kanicia Castillo TELEPHONE NO.: 432-685-4332

E-MAIL ADDRESS: kcastillo@concho.com

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
NMNM7752

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
COG OPERATING LLC  
Contact: KANICIA CASTILLO  
E-Mail: kcastillo@concho.com

3a. Address  
ONE CONCHO CENTER 600 W ILLINOIS AVE  
MIDLAND, TX 79701

3b. Phone No. (include area code)  
Ph: 432-685-4332

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 1 T17S R29E Mer NMP 1910FSL 180FEL

8. Well Name and No.  
PASSION 1 FEDERAL COM 5H

9. API Well No.  
30-015-42410

10. Field and Pool, or Exploratory  
EMPIRE;GLORIETA-YESO,EAST

11. County or Parish, and State  
EDDY COUNTY, NM

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Surface Commingling
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

COG Operating LLC respectfully requests approval for surface commingle and off lease sales of gas on the following wells:

The three 3-phase horizontal test separators and associated metering devices have been sized for the expected range of fluid rates from the production wells. The sizing and calibration of this equipment ensures accurate measurement of produced fluids from a well in test. Separate meters are used for measuring oil, water and gas. After fluids are separated, oil and water flow rates are measured using turbine meters (Tester #1: (PO) #430413, Tester #2: (PO) #429468, Tester #3: TBP) and the gas flow rate is measured using an orifice meter (Tester #1: (PG) #D-240219, Tester #2: (PG) #D-200205, Tester #3: TBP). After measurement the fluids are recombined with the main production stream and routed to the 2-phase separator for processing.

14. I hereby certify that the foregoing is true and correct.  
**Electronic Submission #297721 verified by the BLM Well Information System  
For COG OPERATING LLC, sent to the Carlsbad**

Name (Printed/Typed) KANICIA CASTILLO Title PREPARER

Signature (Electronic Submission) Date 04/09/2015

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Office \_\_\_\_\_

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

## Additional data for EC transaction #297721 that would not fit on the form

### 32. Additional remarks, continued

Monthly gas and oil production will be allocated based on the percentage of each wells contribution as determined through well tests. This battery is able to handle a total of 8 horizontal wells. Each well will be tested at least once a month and the duration of each test will be a minimum of three days. Using the subtraction method for a four well facility, three wells will be continuously metered through test separators and one well will be produced into the 2-phase separator. A producing well that has different ownership than other wells at the battery will be continuously metered separately through a test separator prior to commingling production together into the 2-phase separator. Wells with common ownership will be produced into either the test separator or production separator. The production for the well not being metered will be determined by taking the total production from the battery and subtracting the metered volumes from the test separators. The oil test meters will be proven as per API, NMOCD, and BLM specifications, when installed, once per month for the first 3 months (to establish a consistent repeatability factor), and then quarterly thereafter. The factor obtained will be used to allocate the production volumes. The gas test meters will be calibrated on a regular basis per API, NMOCD and BLM specifications.

Consolidating production to one battery will extend the economic life for these wells and lessen surface disturbance.

Commingling will not reduce value of production.

All interest owners have been notified.

COG Operating LLC takes full responsibility for the OLM gas line that we plan to lay to our Twelve Pack battery.

Please see attachments.

Passion 1 Federal Com 5H

NMNM16786

CA NMNM125611

NMNM7752

CA NMNM133058

API 30-015-42410

Sec 1 T17S R29E NESE 1910FSL 180FEL

Passion 1 Federal Com 26H

NMNM16786

CA NMNM125611

NMNM7752

CA NMNM133058

API Pending

Sec 1 T17S R29E NESE 1650FSL 150FEL

Churchmouse 1 Federal Com 18H

NMNM7754

NMNM7752

CA NMNM133058

API 30-015-42917

Sec 1 T17S R29E SESE 350FSL 180FEL

Churchmouse 1 Federal Com 27H

NMNM7754

NMNM7752

CA NMNM133058

API Pending

Sec 1 T17S R29E SESE 860FSL 30FEL

# APPLICATION FOR COMMINGLE AND OFF LEASE MEASUREMENT AT A COMMON CENTRAL TANK BATTERY

## Proposal for the Passion 1 Federal Com & Churchmouse 1 Federal Com Wells:

COG Operating, LLC is requesting approval for the Central Tank Battery, Lease Commingle, Off Lease Measurement, Sales, & Storage for the following wells:

### Federal Lease NMNM16786 Royalty Rate (12.5 – 25% Sch D)

CA NMNM125611

NMNM7752 Royalty Step Rate (12.5 - 32%)

CA NMNM133058

Well Name	Location	API #	Pool 96610	Oil			
				BOPD	Gravities	MCFPD	BTU
Passion 1 Federal Com 5H	NENE Sec. 1-T17S-R29E-I	30-015-42410	Empire;Glorieta Yeso, East	137	37.2	122	1394
Passion 1 Federal Com 26H	NENE Sec. 1-T17S-R29E-I	Pending	Empire;Glorieta Yeso, East	137*	37.2*	122*	1394*

### Federal Lease: NMNM7754 Royalty Step Rate (12.5 – 32%)

NMNM7752 Royalty Step Rate (12.5 – 32%)

CA NMNM133058

Well Name	Location	API #	Pool 96610	Oil			
				BOPD	Gravities	MCFPD	BTU
Churchmouse 1 Federal Com 18H	NWNW Sec. 1-T17S-R29E-P	30-015-42917	Empire;Glorieta Yeso, East	137*	37.2*	122*	1394*
Churchmouse 1 Federal Com 27H	NWNW Sec. 1-T17S-R29E-P	Pending	Empire;Glorieta Yeso, East	137*	37.2*	122*	1394*

\*These are proposed totals for these wells; once these wells are drilled the production information will be amended. I will submit BOPD & MCFPD for the Passion 1 Federal Com 26H, Churchmouse 1 Federal Com #18H and Churchmouse 1 Federal Com #27H upon receipt.

Attached map displays the federal leases and well locations in Section 1, T17S-R29E.

The BLM's interest in all four wells is different. Waste is not induced and no correlative rights are impaired.

### Oil & Gas metering:

The central tank battery is located on the pad for the Passion 1 Federal Com #5H well located in NESE, Sec. 1-T17S-R29E on federal lease NMNM 16786 in Eddy County, New Mexico. Flowlines from producing wells terminate into the test/production header which serves as the inlet to the tank battery. From the header, three wells can be put in test and the remaining well is produced into the 2-phase production separator.

The three 3-phase horizontal test separators and associated metering devices have been sized for the expected range of fluid rates from the production wells. The sizing and calibration of this equipment ensures accurate measurement of produced fluids from a well in test. Separate meters are used for measuring oil, water and gas. After fluids are separated, oil and water flow rates are measured using turbine meters (Tester #1: (PO) #430413, Tester #2: (PO) #429468, Tester #3: TBP) and the gas flow rate is measured using an orifice meter (Tester #1: (PG) #D-240219, Tester #2: (PG) #D-200205, Tester #3: TBP). After measurement the fluids are recombined with the main production stream and routed to the 2-phase separator for processing.

Monthly gas and oil production will be allocated based on the percentage of each wells contribution as determined through well tests. This battery is able to handle a total of 8 horizontal wells. Each well will be tested at least once a month and the duration of each test will be a minimum of three days. Using the subtraction method for a four well facility, three wells will be continuously metered through test separators and one well will be produced into the 2-phase separator. A producing well that has different ownership than

other wells at the battery will be continuously metered separately through a test separator prior to commingling production together into the 2-phase separator. Wells with common ownership will be produced into either the test separator or production separator. The production for the well not being metered will be determined by taking the total production from the battery and subtracting the metered volumes from the test separators. The oil test meters will be proven as per API, NMOCD, and BLM specifications, when installed, once per month for the first 3 months (to establish a consistent repeatability factor), and then quarterly thereafter. The factor obtained will be used to allocate the production volumes. The gas test meters will be calibrated on a regular basis per API, NMOCD and BLM specifications.

Combined fluids from the production header and test separators will be routed to a 2-phase separator where gas and liquids are separated. Gas separated at this point is sent to the DCP Midstream CDP meter #TBP which is located in SWNW, Sec. 6-T17S-R30E. Liquids from this separator are routed to additional vessels for processing before being sent to the oil and water storage tanks. Any gas that flashes off during the additional processing stages is tied directly into the gas sales system upstream of the DCP Midstream CDP meter. This meter will be calibrated on a regular basis per API, NMOCD and BLM specifications.

The Passion 1 Federal Com #5H battery will have three 500 BBL oil tanks that all wells will utilize. These oil tanks have a common delivery point on the northwest side of the location where oil is hauled via trucking by Holly Transportation. Oil sales volume is determined by gauging of sealed tanks before and after the truck is loaded in accordance with applicable API, NMOCD, and BLM specifications.

Water from all producing wells will be separated through the use of a FWKO and heater-treater prior to being routed to the two 500 BBL water tanks. Water will then be transferred out of the tanks and tied into a Company owned SWD system. Bulk water leaving the facility is measured using a turbine meter.

Passion 1 Federal Com PDK #5H production will flow into the test/production header and is routed through the process as described above. No other unique metering devices are included on this individual well.

Passion 1 Federal Com #26H production will flow into the test/production header and is routed through the process as described above. No other unique metering devices are included on this individual well.

Churchmouse 1 Federal Com #18H production flows into the test/production header and is routed through the process as described above. No other unique metering devices are included on this individual well.

Churchmouse 1 Federal Com #27H production flows into the test/production header and is routed through the process as described above. No other unique metering devices are included on this individual well.

The BLM and OCD will be notified of any future changes in the facilities.

#### **Process and Flow Descriptions:**

The flow of produced fluids is shown in detail on the enclosed facility diagram, along with a map which shows the lease boundaries, communization agreement boundaries, and location of wells, facility, and gas sales meter. The proposed commingling is appropriate based on the BLM's guidance in IM 2013-152. The proposed commingling will maximize the ultimate recovery of oil and/or gas from the federal leases and will reduce environmental impacts by minimizing surface disturbance, reduce the surface facility footprint and overall emissions. The proposed commingling is the most effective economical means of producing the reserves and will reduce operating expenses, as well as, not adversely affect federal royalty income, production accountability, or the distribution of royalty.

COG Operating, LLC understands the requested approval will not constitute the granting of any right-of-way or construction rights not granted by the lease instrument.

Working, royalty, and overriding interest owners have been notified of this proposal via certified mail (see attached).

Signed:   
Printed Name: Kanicia Castillo  
Title: Lead Regulatory Analyst  
Date: 04/09/2015

**PASSION 1 FEDERAL COM 5H BATTERY**  
 NESE SECTION 1, T17S, R29E, UNIT 1  
 EDDY COUNTY, NM

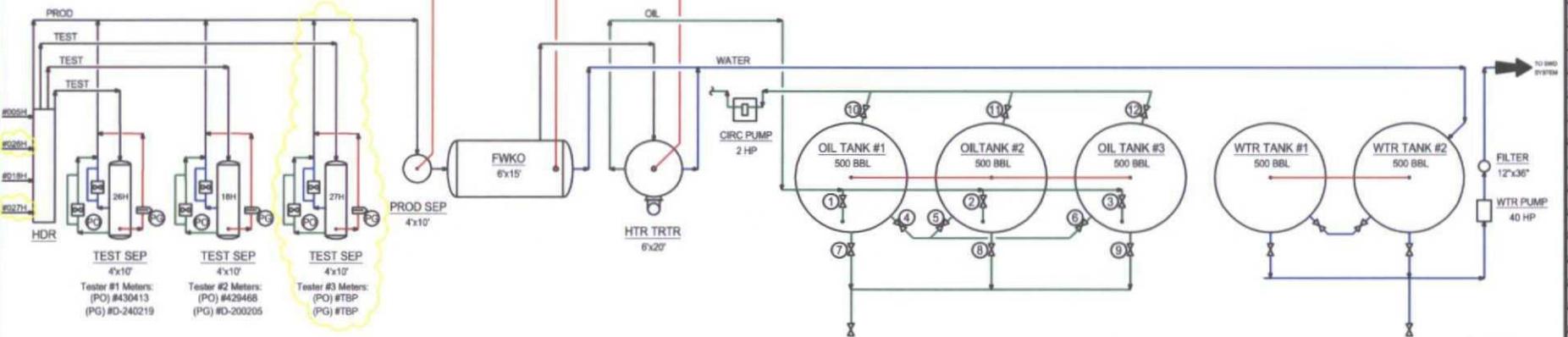
**WELLS:**  
 PASSION 1 FEDERAL COM PDK #005H: 30-015-42410  
 PASSION 1 FEDERAL COM #026H: TBP  
 CHURCHMOUSE 1 FEDERAL COM #018H: 30-015-42917  
 CHURCHMOUSE 1 FEDERAL COM #027H: TBP

**Production Phase - Oil Tank #1**  
 - Valve 1 open  
 - Valves 2 and 3 closed  
 - Valves 4, 5, and 6 open  
 - Valves 7, 8, and 9 closed  
 - Valves 10, 11, and 12 closed

**Sales Phase - Oil Tank #1**  
 - Valve 1 closed  
 - Valves 2 or 3 open  
 - Valve 4 closed  
 - Valves 5 and 6 open  
 - Valve 7 open  
 - Valves 8 and 9 closed  
 - Valves 10, 11, and 12 closed

DCP Gas Sales Line Meter: #TBP  
 (LOCATED OFF LEASE)

TO TIE-IN FROM FEDERAL COM #018H/TBP  
 \*TIE-IN FROM FEDERAL COM #018H/TBP  
 FEDERAL LEASE SEC # 188H-01018H  
 00000 SECTION 1, T17S, R29E, UNIT 1



Tester #1 Meters:  
 (PG) #430413  
 (PG) #D-240219

Tester #2 Meters:  
 (PG) #429468  
 (PG) #D-200205

Tester #3 Meters:  
 (PG) #TBP  
 (PG) #TBP

COG Operating LLC  
 Site Security Plans Located At:  
 One Concho Center  
 600 W. Illinois Ave.  
 Midland, TX 79701



**Ledger for Site Diagram**  
 Produced Fluid: —  
 Produced Oil: —  
 Produced Gas: —  
 Produced Water: —  
 Future: —

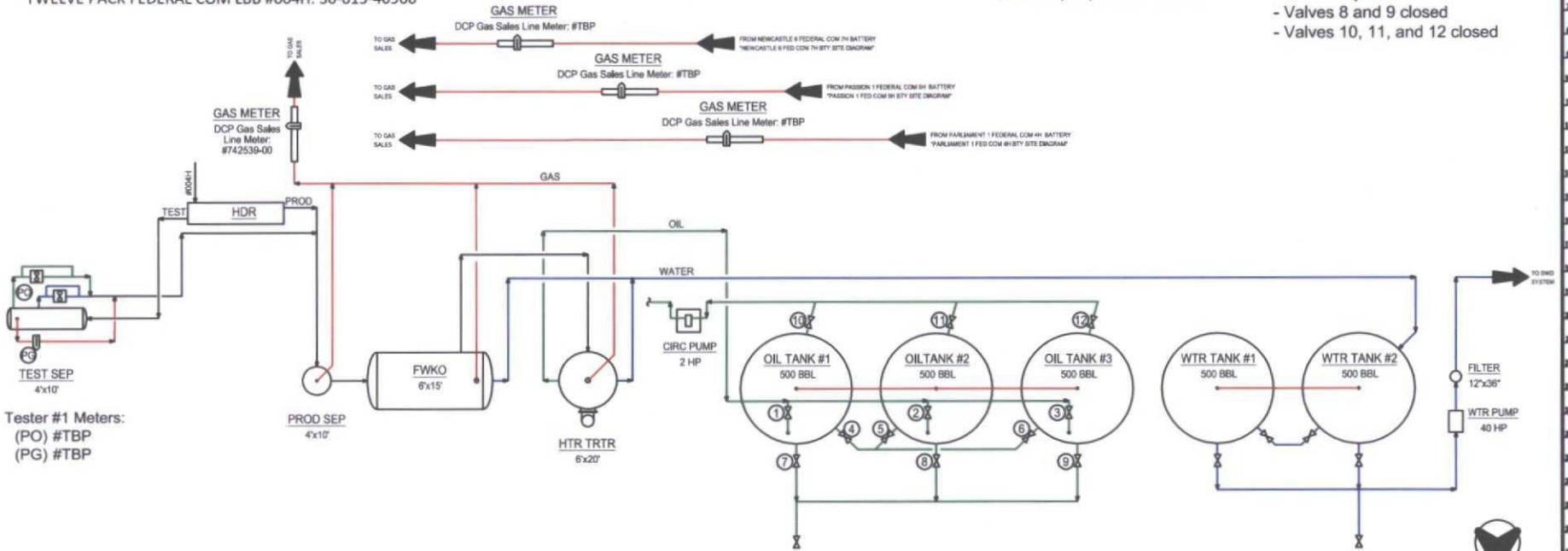
NOTES:		CONFIDENTIALITY NOTICE		REFERENCE DRAWS				REVISIONS				ENGINEERING RECORD			
Type of Lease: Federal Federal Lease #: SHL: NMNM - 0016786 Property Code: 313307 OGRID #: 229137		THIS DRAWING IS PROPERTY OF COG OPERATING LLC AND IS LOANED TO THE BORROWER FOR CONSTRUCTION USE ONLY AND IS SUBJECT TO RECALL UPON REQUEST AND SHALL NOT BE REPRODUCED, COPIED, LENT OR OTHERWISE DISSEMINATED OR USED FOR ANY PURPOSE OTHER THAN THAT WHICH IT IS SPECIFICALLY PROVIDED.		NO.	TITLE	NO.	DATE	DESCRIPTION	BY	CHK.	APP.	REV.	BY	DATE	
								A	06/01/13	ISSUE FOR SITE PERMITTING	CHS				CHS
				B	2/2/18	UPDATED FOR PASSION 1 FED BY BYT	CHS				CHS	CHS	06/01/13		
				COG OPERATING LLC 800 WEST ELGIN AVENUE MIDLAND, TEXAS 79701				SCALE: NONE				<p>NEW MEXICO SHELF ASSET                  PRODUCTION FACILITIES                  SITE FACILITY DIAGRAM                  PASSION 1 FEDERAL COM 5H BATTERY                  EDDY COUNTY NEW MEXICO                  DWG NO. D-1700-BI-005                  REV B</p>			

**TWELVE PACK FEDERAL COM 4H BATTERY**  
 SWNW SECTION 6, T17S, R30E, UNIT E  
 EDDY COUNTY, NM

WELLS:  
 TWELVE PACK FEDERAL COM LBB #004H: 30-015-40966

**Production Phase - Oil Tank #1**  
 - Valve 1 open  
 - Valves 2 and 3 closed  
 - Valves 4, 5, and 6 open  
 - Valves 7, 8, and 9 closed  
 - Valves 10, 11, and 12 closed

**Sales Phase - Oil Tank #1**  
 - Valve 1 closed  
 - Valves 2 or 3 open  
 - Valve 4 closed  
 - Valves 5 and 6 open  
 - Valve 7 open  
 - Valves 8 and 9 closed  
 - Valves 10, 11, and 12 closed



Tester #1 Meters:  
 (PO) #TBP  
 (PG) #TBP

COG Operating LLC  
 Site Security Plans Located At:  
 One Concho Center  
 600 W. Illinois Ave.  
 Midland, TX 79701



**Ledger for Site Diagram**  
 Produced Fluid: —  
 Produced Oil: —  
 Produced Gas: —  
 Produced Water: —

**NOTES**

Type of Lease: Federal  
 Federal Lease #: SHL: NMNM - 0013814  
 Property Code: 39906  
 OGRID #: 229137

**CONFIDENTIALITY NOTICE**  
 THIS DRAWING IS PROPERTY OF COG OPERATING LLC AND IS LOANED TO THE BORROWER FOR CONFIDENTIAL USE ONLY AND IS SUBJECT TO RETURN UPON REQUEST AND SHALL NOT BE REPRODUCED, COPIED, LENT OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY, AND SHALL FOR ANY PURPOSE CARRY THE NAME THAT WOULD BE SPECIALLY FURNISHED.

REFERENCE DRAWINGS		REVISIONS			ENGINEERING RECORD			
NO.	TITLE	NO.	DATE	DESCRIPTION	BY	CHK.	APP.	DATE
A		01	08/01/12	ISSUE FOR SITE PERMITTING	CMS			08/01/12
B		02	3/10/15	UPDATED FOR TWELVE PACK FED 4H BTY	CMS			08/01/12

COG OPERATING LLC  
 600 WEST ILLINOIS AVENUE  
 MIDLAND, TEXAS 79701

**CONCHO**  
 NEW MIDCOO SHELF ASSET  
 PRODUCTION FACILITIES  
 SITE FACILITY DIAGRAM  
 TWELVE PACK FEDERAL COM 4H BATTERY  
 EDDY COUNTY NEW MIDCOO  
 SHELF ASSET  
 SHEET NO. D-1700-81-005  
 REV B

NMNM - 0013814

Parliament 1 Fed Com 4H Battery

Twelve Pack Fed Com 4H Battery

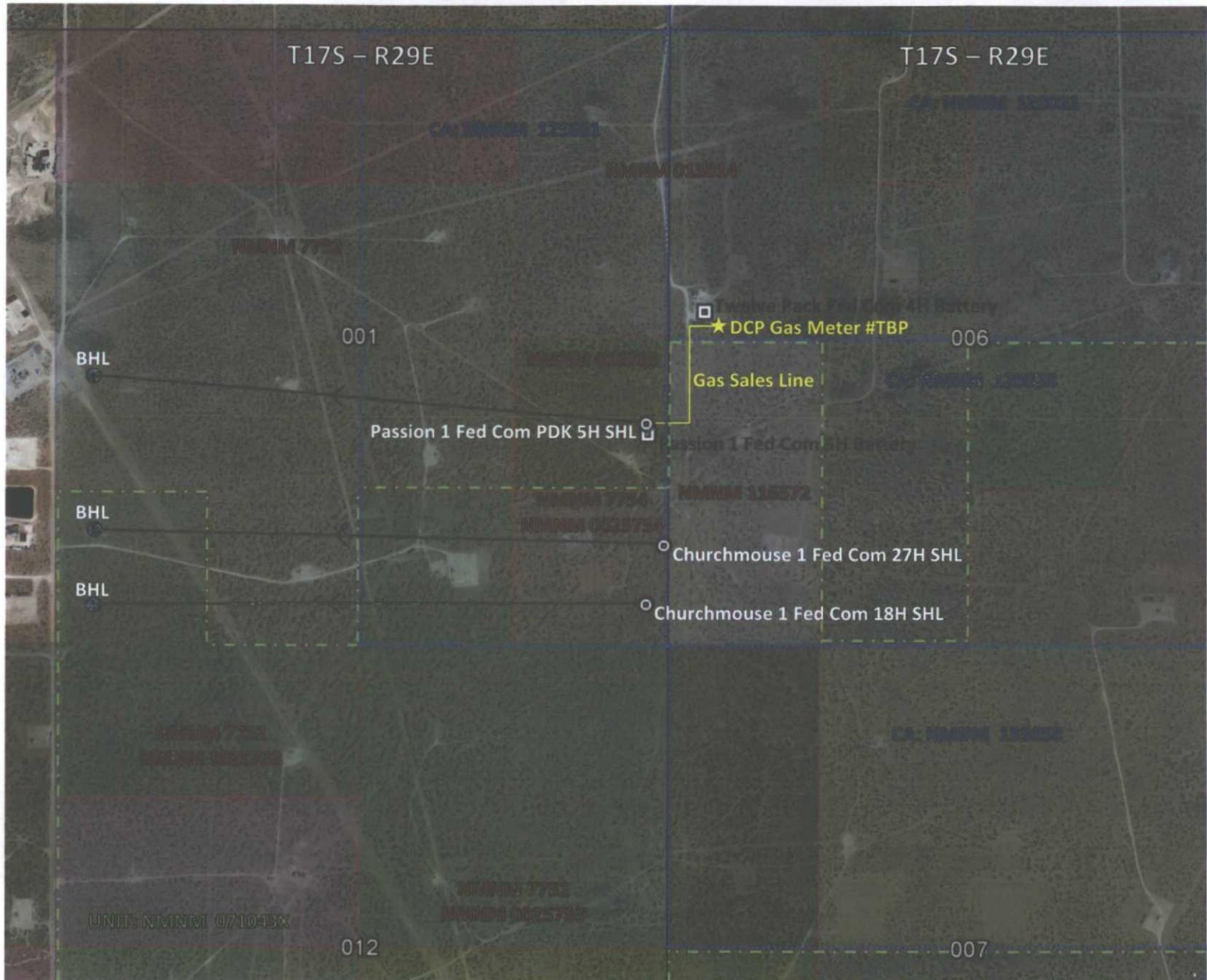
DCP Sales Meters:  
Twelve Pack: 742539-00  
Parliament: TBD  
Passion: TBD

Passion Allocation Meters:  
Tester 1: (O) 430413  
          (G) D-240219  
Tester 2: (O) 429468  
          (G) D-200205  
Tester 3: TBD

NMNM - 116572

NMNM - 0016786

Passion 1 Fed Com 5H Battery



NOTE: Passion 1 Fed Com 26H: SHL, BHL & Wellbore Path TBP

Ch 184/27H

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01 02-25-1920;041STAT0437;30USC226

Total Acres

Serial Number

Case Type 310771: O&G EXCHANGE LEASE - PD

40.000

NMNM-- - 007754

Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED

Serial Number: NMNM-- - 007754

Name & Address			Int Rel	% Interest
BLACK STONE ENERGY CO LLC	1001 FANNIN ST STE 2020	HOUSTON TX 770026715	OPERATING RIGHTS	0.000000000
BREWER THOMAS J	2101 W RUNYAN AVE	ARTESIA NM 882102573	OPERATING RIGHTS	0.000000000
BUCKHORN ENTERPRISES	2101 W RUNYAN AVE	ARTESIA NM 88210	OPERATING RIGHTS	0.000000000
CHASE BILLY W	PO BOX 515	ARTESIA NM 882110515	OPERATING RIGHTS	0.000000000
CHASE OIL CORP	PO BOX 1767	ARTESIA NM 882111767	OPERATING RIGHTS	0.000000000
CHASE RICHARD L	505 S BOLTON RD	ARTESIA NM 88210	OPERATING RIGHTS	0.000000000
CHASE ROBERT C	2306 SIERRA VISTA DR	ARTESIA NM 88210	OPERATING RIGHTS	0.000000000
COG OPERATING LLC	600 W ILLINOIS AVE	MIDLAND TX 797014882	LESSEE	31.673000000
CONCHO OIL & GAS LLC	600 W ILLINOIS AVE, ONE CONCHO CENTE	MIDLAND TX 797014882	LESSEE	1.667000000
CROUCH GERENE D C	PO BOX 693	ARTESIA NM 88211	OPERATING RIGHTS	0.000000000
EOG RESOURCES INC	PO BOX 4362	HOUSTON TX 772104362	OPERATING RIGHTS	0.000000000
MACK C CHASE TRUSTEE	PO BOX 693	ARTESIA NM 88210	OPERATING RIGHTS	0.000000000
MEWBOURNE OIL CO	PO BOX 7698	TYLER TX 757117698	LESSEE	66.660000000

Serial Number: NMNM-- - 007754

Mer Twp	Rng	Sec	.STyp	SNr SUFF	Subdivision	District/Field Office	County	Mgmt Agency
23	0170S	0290E	001	ALIQ	SESE;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0170S	0290E	001	FF	01 ALL FORMATIONS EXCEPT;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0170S	0290E	001	FF	02 GRAYBURG FORM AS DEFINED;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0170S	0290E	001	FF	03 BY SEC 2F OF THE UNIT;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0170S	0290E	001	FF	04 AGREEMENT;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Serial Number: NMNM-- - 007754

Act Date	Code	Action	Action Remark	Pending Office
12/31/1938	387	CASE ESTABLISHED		
12/31/1938	496	FUND CODE	05;145003	
12/31/1938	533	RLTY STEP 12.5-32%		
12/31/1938	868	EFFECTIVE DATE		
08/01/1968	209	CASE CREATED BY SEGR	OUT OF NMLC025734;	
08/01/1968	648	EXT BY PROD ON ASSOC LSE	NM LC 025734	
12/31/1968	315	RENTAL RATE DET/ADJ	\$1.00;	
02/01/1971	140	ASGN FILED	KEWANEE/NEARBURG ETAL	
02/25/1971	139	ASGN APPROVED	EFF 03/01/71;	
11/08/1984	111	RENTAL RECEIVED	\$0;84-85	
11/12/1985	111	RENTAL RECEIVED	\$0;85-86	
07/14/1986	140	ASGN FILED	PETRO CORP/P C LTD	
11/06/1986	111	RENTAL RECEIVED	\$0;86-87	
11/17/1986	140	ASGN FILED	PETRO CORP/P C LTD	
11/19/1986	139	ASGN APPROVED	EFF 08/01/86;	
11/26/1986	963	CASE MICROFILMED	CNUM 559,598 GLC	
01/14/1987	269	ASGN DENIED	PETRO CORP/P C LTD	
11/06/1987	111	RENTAL RECEIVED	\$40.00;1YR/87-88	
11/20/1987	974	AUTOMATED RECORD VERIF	BTM/LR	
07/25/1988	140	ASGN FILED	T INGRAM/MARBOB ENE	
08/16/1988	139	ASGN APPROVED	EFF 08/01/88;	
08/16/1988	974	AUTOMATED RECORD VERIF	MCS/JR	
09/28/1988	140	ASGN FILED	NEARBURG/MARBOB ENE	
09/28/1988	932	TRF OPER RGTS FILED		

NO WARRANTY IS MADE BY BLM FOR USE OF THE DATA FOR PURPOSES NOT INTENDED BY BLM

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10/26/1988	139	ASGN APPROVED	EFF 10/01/88;	
10/26/1988	974	AUTOMATED RECORD VERIF		MCS/MT
10/31/1988	933	TRF OPER RGTS APPROVED	EFF 10/01/88;	
10/31/1988	974	AUTOMATED RECORD VERIF		RAO/JR
11/07/1988	111	RENTAL RECEIVED	\$40.00;1YR/88-89	
11/15/1988	932	TRF OPER RGTS FILED		
12/09/1988	933	TRF OPER RGTS APPROVED	EFF 12/01/88;	
12/09/1988	974	AUTOMATED RECORD VERIF		GLC/MT
03/10/1989	575	APD FILED	SUN EXPL & PROD	CJ
03/23/1989	576	APD APPROVED	CHINA CAT FED NO 1	
11/06/1989	111	RENTAL RECEIVED	\$40.00;21/32032	
11/06/1990	111	RENTAL RECEIVED	\$40.00;21/33482	
11/08/1991	111	RENTAL RECEIVED	\$40.00;21/34508	
07/13/1992	974	AUTOMATED RECORD VERIF		LO/MV
11/09/1992	111	RENTAL RECEIVED	\$40.00;21/35675	
12/07/1992	932	TRF OPER RGTS FILED	MARBOB/CHASE OIL CORP	
02/02/1993	933	TRF OPER RGTS APPROVED	EFF 01/01/93;	
02/02/1993	974	AUTOMATED RECORD VERIF		ANN/JS
11/08/1993	111	RENTAL RECEIVED	\$40.00;21/36721	
11/07/1994	111	RENTAL RECEIVED	\$40.00;21/0000000376	
12/09/1994	932	TRF OPER RGTS FILED	CHASE OIL/CHASE OIL	
03/20/1995	933	TRF OPER RGTS APPROVED	EFF 01/01/95;	
03/20/1995	974	AUTOMATED RECORD VERIF	JLV	
11/06/1995	084	RENTAL RECEIVED BY ONRR	\$40.00;21/0000000385	
06/03/1996	932	TRF OPER RGTS FILED	BREWER/BUCKHORN	
09/25/1996	933	TRF OPER RGTS APPROVED	EFF 07/01/96;	
09/25/1996	974	AUTOMATED RECORD VERIF	JLV	
11/04/1996	084	RENTAL RECEIVED BY ONRR	\$40.00;21/0000000391	
12/13/1996	932	TRF OPER RGTS FILED	J M HUBER/ENRON	
01/13/1997	933	TRF OPER RGTS APPROVED	EFF 01/01/97;	
01/13/1997	974	AUTOMATED RECORD VERIF	JLV	
11/10/1997	084	RENTAL RECEIVED BY ONRR	\$40.00;21/0005000078	
11/12/1998	084	RENTAL RECEIVED BY ONRR	\$40.00;21/0000000770	
08/30/1999	817	MERGER RECOGNIZED	EOG RES/ENRON O&G CO	
08/30/1999	940	NAME CHANGE RECOGNIZED	ENRON O&G CO/EOG RES	
11/05/1999	084	RENTAL RECEIVED BY ONRR	\$40.00;21/5000083	
11/05/1999	084	RENTAL RECEIVED BY ONRR	\$40.00;23/5000083	
12/10/1999	084	RENTAL RECEIVED BY ONRR	\$40.00;21/1000000	
11/06/2000	084	RENTAL RECEIVED BY ONRR	\$40.00;21/5000087	
04/17/2001	817	MERGER RECOGNIZED	BULLDOG/CHASE OIL	
02/15/2010	246	LEASE COMMITTED TO CA	NMNM125611;	
03/13/2010	651	HELD BY PROD - ALLOCATED	/1/	
06/28/2010	140	ASGN FILED	PC/MEWBOURNE OIL;1	
07/22/2010	139	ASGN APPROVED	EFF 07/01/10;	
07/22/2010	974	AUTOMATED RECORD VERIF	ANN	
11/01/2010	643	PRODUCTION DETERMINATION	/1/	
11/01/2010	660	MEMO OF 1ST PROD-ALLOC	/1/NMNM125611;	
09/02/2011	932	TRF OPER RGTS FILED	J M HUBER/BLACK STO;1	
12/16/2011	933	TRF OPER RGTS APPROVED	EFF 10/01/11;	
12/16/2011	974	AUTOMATED RECORD VERIF	ANN	
01/01/2012	817	MERGER RECOGNIZED	BLK STN IV/BLK STN MI	
07/12/2012	932	TRF OPER RGTS FILED	BLACK STO/BLACK STO;1	
08/14/2012	933	TRF OPER RGTS APPROVED	EFF 08/01/12;	
08/14/2012	974	AUTOMATED RECORD VERIF	DME	
04/11/2014	140	ASGN FILED	MARBOB EN/COG OPERA;1	

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05/14/2014	139	ASGN APPROVED	EFF 05/01/14;
05/14/2014	974	AUTOMATED RECORD VERIF	EMR

Line Nr	Remarks	Serial Number: NMNM-- - 007754
0002	SECTION 2(F) GRAYBURG FORMATION SHALL MEAN THE	
0003	ESTABLISHED UNDERGROUND RESERVOIR, THE TOP OF WHICH	
0004	IS FOUND AT 2416 FEET, AND THE BASE OF WHICH IS	
0005	FOUND AT 2710 FEET, ON THE GAMMA RAY-NEUTRON LOG OF	
0006	THE KEWANEE OIL COMPANY NUMBER 10 BEDINGFIELD WELL,	
0007	LOCATED IN THE SWSE OF SEC 1, T 17 S, R 29 E, NMPM.	
0008	RENTAL PAID 12/13/2009 PER MMS	
0009	RENTAL PAID 12//16/2011 PER ONNR	
0010	08/14/2012 BLACK STONE ENERGY CO BONDED ESB000200 NW	

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01 02-25-1920;041STAT0437;30USC226

Case Type 310771: O&G EXCHANGE LEASE - PD

Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED

Total Acres
1,154.530

Serial Number
NMNM-- - 007752

Serial Number: NMNM-- - 007752

Table with columns: Name & Address, Int Rel, % Interest. Lists various entities like BETHEL VIRGINIA LEE, BLACK STONE ENERGY CO LLC, BREWER MARK T, etc., along with their addresses and interest percentages.

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Table with columns: Mer Twp, Rng, Sec, STyp, SNr Suff, Subdivision, District/Field Office, County, Mgmt Agency. Lists land parcels with their respective details and management agencies.

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23 0170S 0300E 007	FF	02	L 1,2,ALL FORMS EXCEPT;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23 0170S 0300E 007	FF	03	GRAYBURG FORM AS DEFINED;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23 0170S 0300E 007	FF	04	BY SEC 2F OF THE UNIT;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23 0170S 0300E 007	FF	05	AGREEMENT;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23 0170S 0300E 008	FF		NWNW,ALL FORMATIONS;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Serial Number: NMNM-- - 007752

Act Date	Code	Action	Action Remark	Pending Office
12/31/1938	387	CASE ESTABLISHED		
12/31/1938	496	FUND CODE	05;145003	
12/31/1938	533	RLTY STEP 12.5-32%		
12/31/1938	868	EFFECTIVE DATE		
08/01/1968	209	CASE CREATED BY SEGR	OUT OF NMNM025733;	
08/01/1968	650	HELD BY PROD - ACTUAL		
08/01/1968	658	MEMO OF 1ST PROD-ACTUAL		
01/18/1974	932	TRF OPER RGTS FILED		
04/16/1974	932	TRF OPER RGTS FILED		
09/19/1975	940	NAME CHANGE RECOGNIZED	KEWANEE OIL CO/IND	
08/07/1977	932	TRF OPER RGTS FILED		
11/23/1977	932	TRF OPER RGTS FILED		
07/03/1978	932	TRF OPER RGTS FILED	(1)	
07/03/1978	932	TRF OPER RGTS FILED	(2)	
07/01/1982	963	CASE MICROFILMED	CNUM 103,138	GLC
01/30/1985	932	TRF OPER RGTS FILED		
03/28/1985	932	TRF OPER RGTS FILED		
05/28/1986	933	TRF OPER RGTS APPROVED	EFF 02/01/85;	
05/28/1986	933	TRF OPER RGTS APPROVED	EFF 04/01/85;	
05/05/1987	933	TRF OPER RGTS APPROVED	(1)EFF 08/01/78;	
05/05/1987	933	TRF OPER RGTS APPROVED	(2)EFF 08/01/78;	
05/05/1987	933	TRF OPER RGTS APPROVED	EFF 02/01/74;	
05/05/1987	933	TRF OPER RGTS APPROVED	EFF 05/01/74;	
05/05/1987	933	TRF OPER RGTS APPROVED	EFF 09/01/77;	
05/08/1987	963	CASE MICROFILMED	CNUM 103,138	RW
05/27/1988	933	TRF OPER RGTS APPROVED	EFF 12/01/77;	
05/27/1988	974	AUTOMATED RECORD VERIF		HKG/HKG
07/25/1988	932	TRF OPER RGTS FILED		
08/22/1988	933	TRF OPER RGTS APPROVED	EFF 08/01/88;	
08/22/1988	974	AUTOMATED RECORD VERIF		BTM/MT
09/28/1988	932	TRF OPER RGTS FILED		
10/31/1988	933	TRF OPER RGTS APPROVED	EFF 10/01/88;	
10/31/1988	974	AUTOMATED RECORD VERIF		RAO/JR
11/15/1988	932	TRF OPER RGTS FILED		
12/09/1988	933	TRF OPER RGTS APPROVED	EFF 12/01/88;	
12/09/1988	974	AUTOMATED RECORD VERIF		GLC/MT
01/19/1989	932	TRF OPER RGTS FILED	(1)	
01/19/1989	932	TRF OPER RGTS FILED	(2)	
02/14/1989	933	TRF OPER RGTS APPROVED	(1)EFF 02/01/89;	
02/14/1989	933	TRF OPER RGTS APPROVED	(2)EFF 02/01/89;	
02/14/1989	974	AUTOMATED RECORD VERIF		DGT/MT
02/17/1989	932	TRF OPER RGTS FILED		
03/21/1989	933	TRF OPER RGTS APPROVED	EFF 03/01/89;	
03/21/1989	974	AUTOMATED RECORD VERIF		RAO/MT

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12/26/1989	932	TRF OPER RGTS FILED	LOWERY J J/PACIFIC
03/05/1990	933	TRF OPER RGTS APPROVED	EFF 01/01/90;
03/05/1990	974	AUTOMATED RECORD VERIF	TF/MT
03/16/1990	932	TRF OPER RGTS FILED	R MEYERS/PACIFIC
03/26/1990	932	TRF OPER RGTS FILED	D R CARSON/PACIFIC
03/26/1990	932	TRF OPER RGTS FILED	E L CARSON/PACIFIC
03/26/1990	932	TRF OPER RGTS FILED	V L BETHEL/PACIFIC
04/23/1990	932	TRF OPER RGTS FILED	NM BAPTIST/PACIFIC
05/21/1990	933	TRF OPER RGTS APPROVED	(1)EFF 04/01/90;
05/21/1990	933	TRF OPER RGTS APPROVED	(2)EFF 04/01/90;
05/21/1990	933	TRF OPER RGTS APPROVED	(3)EFF 04/01/90;
05/21/1990	933	TRF OPER RGTS APPROVED	(4)EFF 04/01/90;
05/21/1990	933	TRF OPER RGTS APPROVED	EFF 05/01/90;
05/21/1990	974	AUTOMATED RECORD VERIF	BTM/MT
05/25/1990	932	TRF OPER RGTS FILED	(1)AMCO PROD/MACK ENE
05/25/1990	932	TRF OPER RGTS FILED	(2)AMCO PROD/MACK ENE
07/23/1990	933	TRF OPER RGTS APPROVED	(1)EFF 06/01/90;
07/23/1990	933	TRF OPER RGTS APPROVED	(2)EFF 06/01/90;
07/23/1990	974	AUTOMATED RECORD VERIF	TF/MT
08/27/1990	932	TRF OPER RGTS FILED	PHILLIPS/SW RLTYs
09/04/1990	932	TRF OPER RGTS FILED	DOUBLE/MARBOB
09/04/1990	932	TRF OPER RGTS FILED	PHILLIPS/DOUBLE
09/27/1990	933	TRF OPER RGTS APPROVED	(1)EFF 10/01/90;
09/27/1990	933	TRF OPER RGTS APPROVED	(2)EFF 10/01/90;
09/27/1990	933	TRF OPER RGTS APPROVED	EFF 09/01/90;
09/27/1990	974	AUTOMATED RECORD VERIF	GLC/MT
11/13/1990	932	TRF OPER RGTS FILED	AMCO/MACK ENERGY CORP
12/03/1990	932	TRF OPER RGTS FILED	AMCO PROD/MACK ENERGY
01/17/1991	932	TRF OPER RGTS FILED	BETHEL/CARSON ET AL
01/19/1991	957	TRF OPER RGTS DENIED	BETHAL/CARSON ET AL
01/19/1991	974	AUTOMATED RECORD VERIF	BTM/JG
01/22/1991	933	TRF OPER RGTS APPROVED	EFF 12/01/90;
01/22/1991	974	AUTOMATED RECORD VERIF	CM/DG
02/04/1991	140	ASGN FILED	DORCHESTER/DORCHESTER
02/04/1991	932	TRF OPER RGTS FILED	DORCHESTER/DORCHESTER
02/19/1991	932	TRF OPER RGTS FILED	A KECK/DAMSON OIL
03/14/1991	933	TRF OPER RGTS APPROVED	EFF 01/01/91;
03/14/1991	974	AUTOMATED RECORD VERIF	CM/MT
03/21/1991	974	AUTOMATED RECORD VERIF	RAYO/RAYO
03/26/1991	575	APD FILED	MARBOB ENERGY CE
04/02/1991	932	TRF OPER RGTS FILED	MCKIM ETAL/BISSETT ET
04/08/1991	139	ASGN APPROVED	EFF 03/01/91;
04/08/1991	933	TRF OPER RGTS APPROVED	(1)EFF 03/01/91;
04/08/1991	933	TRF OPER RGTS APPROVED	(2)EFF 03/01/91;
04/08/1991	933	TRF OPER RGTS APPROVED	EFF 05/01/91;
04/08/1991	974	AUTOMATED RECORD VERIF	GLC/MT
04/15/1991	576	APD APPROVED	RANDALL FED NO 2
06/03/1991	909	BOND ACCEPTED	EFF 06/03/91;MT0741
09/18/1991	140	ASGN FILED	DORCHESTER/PARKER
09/18/1991	932	TRF OPER RGTS FILED	(1)DORCHESTER/P&P
09/18/1991	932	TRF OPER RGTS FILED	(2)DORCHESTER/P&P
11/07/1991	909	BOND ACCEPTED	EFF 10/28/91;NM1936
11/25/1991	139	ASGN APPROVED	EFF 10/01/91;
11/25/1991	933	TRF OPER RGTS APPROVED	(1)EFF 10/01/91;
11/25/1991	933	TRF OPER RGTS APPROVED	(2)EFF 10/01/91;

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11/25/1991	974	AUTOMATED RECORD VERIF	AR/JLV
04/09/1992	140	ASGN FILED	DAMSON/P&P DEV CO
04/09/1992	932	TRF OPER RGTS FILED	(1)DAMSON/P&P DEV CO
04/09/1992	932	TRF OPER RGTS FILED	(2)DAMSON/P&P DEV CO
06/16/1992	139	ASGN APPROVED	EFF 05/01/92;
06/16/1992	933	TRF OPER RGTS APPROVED	(1)EFF 05/01/92;
06/16/1992	933	TRF OPER RGTS APPROVED	(2)EFF 05/01/92;
06/16/1992	974	AUTOMATED RECORD VERIF	SSP/JS
10/01/1992	621	RLTY RED-STRIPPER WELL	1.3%;/1/
10/01/1992	621	RLTY RED-STRIPPER WELL	1.3%;/3/
12/07/1992	932	TRF OPER RGTS FILED	MARBOB/CHASE OIL CORP
01/01/1993	621	RLTY RED-STRIPPER WELL	2.1%;/2/
01/25/1993	625	RLTY REDUCTION APPV	/3/
02/02/1993	933	TRF OPER RGTS APPROVED	EFF 01/01/93;
02/02/1993	974	AUTOMATED RECORD VERIF	ANN/JS
02/05/1993	932	TRF OPER RGTS FILED	PAC ENTER/NM BAPT
02/11/1993	932	TRF OPER RGTS FILED	(1)PAC ENTER/NM BAPT
02/11/1993	932	TRF OPER RGTS FILED	(2)PAC ENTER/NM BAPT
02/22/1993	932	TRF OPER RGTS FILED	PAC ENTER/CARSON
02/22/1993	932	TRF OPER RGTS FILED	PAC ENTER/MYERS
03/29/1993	932	TRF OPER RGTS FILED	HAWES/P&P DEV CO
04/02/1993	932	TRF OPER RGTS FILED	PAC ENTER/J J LOWERY
04/07/1993	909	BOND ACCEPTED	EFF 04/05/93;NM2151
04/15/1993	933	TRF OPER RGTS APPROVED	(1)EFF 03/01/93;
04/15/1993	933	TRF OPER RGTS APPROVED	(1)EFF 04/01/93;
04/15/1993	933	TRF OPER RGTS APPROVED	(1)EFF 05/01/93;
04/15/1993	933	TRF OPER RGTS APPROVED	(2)EFF 03/01/93;
04/15/1993	933	TRF OPER RGTS APPROVED	(3)EFF 03/01/93;
04/15/1993	933	TRF OPER RGTS APPROVED	(4)EFF 03/01/93;
04/15/1993	933	TRF OPER RGTS APPROVED	EFF 05/01/93;
04/15/1993	974	AUTOMATED RECORD VERIF	SSP/KRP
04/30/1993	625	RLTY REDUCTION APPV	/4/
06/29/1993	933	TRF OPER RGTS APPROVED	(2)EFF 04/01/90;
06/29/1993	974	AUTOMATED RECORD VERIF	BCO/MV
08/11/1993	625	RLTY REDUCTION APPV	/4/
12/01/1993	621	RLTY RED-STRIPPER WELL	0.5%;/5/
01/13/1994	974	AUTOMATED RECORD VERIF	VHG
02/17/1994	974	AUTOMATED RECORD VERIF	VHG
02/25/1994	909	BOND ACCEPTED	EFF 02/04/94;NM2285
03/04/1994	932	TRF OPER RGTS FILED	MACK ENE/CHASE TRUST
03/08/1994	974	AUTOMATED RECORD VERIF	LR
05/09/1994	933	TRF OPER RGTS APPROVED	EFF 04/01/94;
05/09/1994	974	AUTOMATED RECORD VERIF	JLV
05/23/1994	932	TRF OPER RGTS FILED	CHASE/WEBB OIL CO
05/25/1994	575	APD FILED	POGO PROD CO
06/13/1994	575	APD FILED	POGO PROD CO
07/18/1994	933	TRF OPER RGTS APPROVED	EFF 06/01/94;
07/18/1994	974	AUTOMATED RECORD VERIF	ANN
12/02/1994	625	RLTY REDUCTION APPV	/5/
12/09/1994	932	TRF OPER RGTS FILED	CHASE OIL/CHASE OIL
12/27/1994	817	MERGER RECOGNIZED	PARKER&PARSLEY/MIDPAR
02/01/1995	621	RLTY RED-STRIPPER WELL	0.5%;/6/
03/20/1995	933	TRF OPER RGTS APPROVED	EFF 01/01/95;
03/20/1995	974	AUTOMATED RECORD VERIF	JLV
11/06/1995	625	RLTY REDUCTION APPV	/6/

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12/12/1995	940	NAME CHANGE RECOGNIZED	MIDPAR/PARKER&PARSLEY
04/01/1996	621	RLTY RED-STRIPPER WELL	0.5%;/7/
06/03/1996	932	TRF OPER RGTS FILED	BREWER/BUCKHORN
09/09/1996	932	TRF OPER RGTS FILED	CHASE TTEE/R B WEBB
09/25/1996	933	TRF OPER RGTS APPROVED	EFF 07/01/96;
09/25/1996	974	AUTOMATED RECORD VERIF	JLV
11/06/1996	625	RLTY REDUCTION APPV	/7/
11/15/1996	932	TRF OPER RGTS FILED	PARKER&PARSLEY/ENRON
12/03/1996	933	TRF OPER RGTS APPROVED	EFF 10/01/96;
12/03/1996	974	AUTOMATED RECORD VERIF	LR
12/13/1996	932	TRF OPER RGTS FILED	J M HUBER/ENRON
01/07/1997	933	TRF OPER RGTS APPROVED	EFF 12/01/96;
01/07/1997	974	AUTOMATED RECORD VERIF	LR
01/13/1997	933	TRF OPER RGTS APPROVED	EFF 01/01/97;
01/13/1997	974	AUTOMATED RECORD VERIF	JLV
03/24/1997	932	TRF OPER RGTS FILED	PACIFIC/HUNT OIL
04/02/1997	933	TRF OPER RGTS APPROVED	EFF 04/01/97;
04/02/1997	974	AUTOMATED RECORD VERIF	ANN
06/05/1997	932	TRF OPER RGTS FILED	LOWERY/ENRON O&G CO
06/09/1997	932	TRF OPER RGTS FILED	BETHEL/ENRON
06/09/1997	932	TRF OPER RGTS FILED	CARSON ETAL/ENRON
06/18/1997	932	TRF OPER RGTS FILED	CARPENTER/ENRON O&G
06/18/1997	932	TRF OPER RGTS FILED	MEYERS/ENRON O&G
08/07/1997	933	TRF OPER RGTS APPROVED	(1)EFF 07/01/97;
08/07/1997	933	TRF OPER RGTS APPROVED	(2)EFF 07/01/97;
08/07/1997	933	TRF OPER RGTS APPROVED	(3)EFF 07/01/97;
08/07/1997	933	TRF OPER RGTS APPROVED	(4)EFF 07/01/97;
08/07/1997	933	TRF OPER RGTS APPROVED	(5)EFF 07/01/97;
08/07/1997	974	AUTOMATED RECORD VERIF	LR
10/03/1997	817	MERGER RECOGNIZED	MESA OPER/PIONNER
10/03/1997	817	MERGER RECOGNIZED	PARKR&PARSLEY/PIONEER
02/05/1998	932	TRF OPER RGTS FILED	MACK/CHASE TRUST
03/04/1998	933	TRF OPER RGTS APPROVED	EFF 03/01/98;
03/04/1998	974	AUTOMATED RECORD VERIF	ANN
08/01/1998	625	RLTY REDUCTION APPV	/8/
11/23/1998	932	TRF OPER RGTS FILED	WAGNER/SAMSON
12/30/1998	933	TRF OPER RGTS APPROVED	EFF 12/01/98;
12/30/1998	974	AUTOMATED RECORD VERIF	JLV
01/14/1999	932	TRF OPER RGTS FILED	CHASE/CHASE ETAL
02/25/1999	933	TRF OPER RGTS APPROVED	EFF 02/01/99;
02/25/1999	974	AUTOMATED RECORD VERIF	LR
08/13/1999	932	TRF OPER RGTS FILED	RHODES/HENDERSON
08/27/1999	621	RLTY RED-STRIPPER WELL	0.5%;/8/
08/30/1999	817	MERGER RECOGNIZED	EOG RES/ENRON O&G CO
08/30/1999	940	NAME CHANGE RECOGNIZED	ENRON O&G CO/EOG RES
09/01/1999	621	RLTY RED-STRIPPER WELL	0.5%;/9/
11/03/1999	933	TRF OPER RGTS APPROVED	EFF 09/01/99;
11/03/1999	974	AUTOMATED RECORD VERIF	MV/MV
11/09/1999	625	RLTY REDUCTION APPV	/9/
10/25/2000	940	NAME CHANGE RECOGNIZED	PACIFIC/PACIFIC ABC
11/01/2000	621	RLTY RED-STRIPPER WELL	0.5%;/10/
12/01/2000	621	RLTY RED-STRIPPER WELL	1.3%;/11/
04/17/2001	817	MERGER RECOGNIZED	BULLDOG/CHASE OIL
04/23/2001	140	ASGN FILED	PIONEER NATURAL RES;1
05/15/2001	625	RLTY REDUCTION APPV	/10/

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05/30/2001	269	ASGN DENIED	04/23/01 ASGN;
05/30/2001	974	AUTOMATED RECORD VERIF	MV
07/17/2001	625	RLTY REDUCTION APPV	/11/
08/14/2001	932	TRF OPER RGTS FILED	WT HOWARD/L DREYFUS
08/22/2001	932	TRF OPER RGTS FILED	L DREYFUS/MARBOB
10/29/2001	933	TRF OPER RGTS APPROVED	01EFF 09/01/01;
10/29/2001	933	TRF OPER RGTS APPROVED	02EFF 09/01/01;
10/29/2001	974	AUTOMATED RECORD VERIF	MV
12/12/2001	817	MERGER RECOGNIZED	L DREYFUS/DOMINION
01/24/2002	932	TRF OPER RGTS FILED	EOG RESOURCES INC;1
01/24/2002	932	TRF OPER RGTS FILED	EOG RESOURCES INC;2
01/24/2002	932	TRF OPER RGTS FILED	EOG RESOURCES INC;3
02/13/2002	393	DEC ISSUED	VACATE 10/25/2000
02/13/2002	940	NAME CHANGE RECOGNIZED	PAC ENTPR USA/PAC ABC
03/05/2002	974	AUTOMATED RECORD VERIF	MCS
03/19/2002	933	TRF OPER RGTS APPROVED	01EFF 02/01/02;
03/19/2002	933	TRF OPER RGTS APPROVED	02EFF 02/01/02;
03/19/2002	933	TRF OPER RGTS APPROVED	03EFF 02/01/02;
03/19/2002	974	AUTOMATED RECORD VERIF	JLV
01/01/2003	621	RLTY RED-STRIPPER WELL	0.5%;/12/
02/09/2003	625	RLTY REDUCTION APPV	/12/
03/01/2004	621	RLTY RED-STRIPPER WELL	0.5%;/13/
04/01/2005	621	RLTY RED-STRIPPER WELL	0.5%;/4/
05/03/2005	932	TRF OPER RGTS FILED	WEBB ETAL/LOTHIAN O;1
05/03/2005	932	TRF OPER RGTS FILED	WEBB ETAL/LOTHIAN O;2
06/17/2005	933	TRF OPER RGTS APPROVED	(1)EFF 06/01/05;
06/17/2005	933	TRF OPER RGTS APPROVED	(2)EFF 06/01/05;
06/17/2005	974	AUTOMATED RECORD VERIF	ANN
07/07/2005	625	RLTY REDUCTION APPV	/13/
08/30/2005	974	AUTOMATED RECORD VERIF	ANN
05/23/2006	932	TRF OPER RGTS FILED	CHASE OIL/COG OIL &;1
07/21/2006	933	TRF OPER RGTS APPROVED	EFF 06/01/06;
07/21/2006	974	AUTOMATED RECORD VERIF	ANN
09/22/2006	625	RLTY REDUCTION APPV	/14/
11/15/2006	974	AUTOMATED RECORD VERIF	ANN
01/04/2007	932	TRF OPER RGTS FILED	DOMINION/LOBOS ENE;1
05/08/2007	933	TRF OPER RGTS APPROVED	EFF 02/01/07;
05/08/2007	974	AUTOMATED RECORD VERIF	ANN
01/15/2008	246	LEASE COMMITTED TO CA	NMNM120021;
04/01/2008	246	LEASE COMMITTED TO CA	NMNM120828;
10/06/2008	932	TRF OPER RGTS FILED	EOG RESOU/CHI ENERG;1
03/24/2009	933	TRF OPER RGTS APPROVED	EFF 11/01/08
03/24/2009	974	AUTOMATED RECORD VERIF	MV
02/15/2010	246	LEASE COMMITTED TO CA	NMNM125611;
03/17/2010	940	NAME CHANGE RECOGNIZED	COG O&G/COG OPER
11/01/2010	658	MEMO OF 1ST PROD-ACTUAL	/15/SKYHAWK 1 FED COM
04/18/2011	932	TRF OPER RGTS FILED	MARBOB E/COG OPERA;1
04/18/2011	932	TRF OPER RGTS FILED	MARBOB E/COG OPERA;2
04/18/2011	932	TRF OPER RGTS FILED	MARBOB EN/COG OPERA;1
04/18/2011	932	TRF OPER RGTS FILED	MARBOB EN/COG OPERA;2
04/18/2011	932	TRF OPER RGTS FILED	MARBOB EN/COG OPERA;3
04/18/2011	932	TRF OPER RGTS FILED	MARBOB EN/COG OPERA;4
06/24/2011	933	TRF OPER RGTS APPROVED	EFF: 05/01/2011;1
06/24/2011	933	TRF OPER RGTS APPROVED	EFF: 05/01/2011;2
06/24/2011	933	TRF OPER RGTS APPROVED	EFF: 05/01/2011;3

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06/24/2011	933	TRF OPER RGTS APPROVED	EFF: 05/01/2011;4
06/24/2011	974	AUTOMATED RECORD VERIF	MJD
07/12/2011	933	TRF OPER RGTS APPROVED	01 EFF 05/01/11;
07/12/2011	933	TRF OPER RGTS APPROVED	02 EFF 05/01/11;
07/12/2011	974	AUTOMATED RECORD VERIF	MV
09/02/2011	932	TRF OPER RGTS FILED	J M HUBER/BLACK STO;1
12/16/2011	933	TRF OPER RGTS APPROVED	EFF 10/01/11;
12/27/2011	974	AUTOMATED RECORD VERIF	ANN
01/01/2012	817	MERGER RECOGNIZED	BLK STN IV/BLK STN MI
07/12/2012	932	TRF OPER RGTS FILED	BLACK STO/BLACK STO;1
08/14/2012	933	TRF OPER RGTS APPROVED	EFF 08/01/12;
08/14/2012	974	AUTOMATED RECORD VERIF	DME
10/25/2013	140	ASGN FILED	PIONEER N/COG OPERA;1
12/02/2013	139	ASGN APPROVED	11/01/13;
12/02/2013	974	AUTOMATED RECORD VERIF	LBO
01/01/2014	246	LEASE COMMITTED TO CA	/1/NMNM133058;
05/30/2014	658	MEMO OF 1ST PROD-ACTUAL	/1/NMNM133058;
08/05/2014	643	PRODUCTION DETERMINATION	/1/

Serial Number: NMNM-- - 007752

Line Nr	Remarks
0002	SECTION 2(F) GRAYBURG FORMATION SHALL MEAN THE
0003	ESTABLISHED UNDERGROUND RESERVOIR,THE TOP OF WHICH
0004	IS FOUND AT 2416 FEET, AND THE BASE OF WHICH IS
0005	FOUND AT 2710 FEET, ON THE GAMMA RAY-NEUTRON LOG OF
0006	THE KEWANEE OIL COMPANY NUMBER 10 BEDINGFIELD WELL,
0007	LOCATED IN THE SWSE OF SEC 1, T 17 S, R 29 E,NMPM,
0008	INSOFAR AS THE SAME LIES WITHIN THE UNIT AREA
0009	LOC REQUESTED FROM DSC 3/4/91.
0010	3/18/91 - LOC RECEIVED FROM DSC
0011	3/21/91 - LOC RETURNED TO FINANCIAL INSTITUTION
0013	06/24/2011 - COG OPERATING
0015	12/16/2011 - TANDEM ENERGY CORP - NMB000563 - S/W;
0016	08/14/2012 BLACK STONE ENERGY CO BONDED ESB000200 NW
0017	COG OPERATING LLC NMB000740 S/W CFO ONLY;

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01 02-25-1920;041STAT0437;30USC181

Case Type 318310: O&G COMMUNITIZATION AGRMT

Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED

Total Acres  
314.750

Serial Number  
NMNM-- - 133058

Serial Number: NMNM-- - 133058

Name & Address			Int Rel	% Interest
BLM CARLSBAD FO COG PRODUCTION LLC	620 E GREENE ST 600 W ILLINOIS AVE. ONE CONCHO CENTE	CARLSBAD NM 88220 MIDLAND TX 79701	OFFICE OF RECORD OPERATOR	0.00000000 100.00000000

Serial Number: NMNM-- - 133058

Mer Twp	Rng	Sec	S Typ	SNr Suff	Subdivision	District/Field Office	County	Mgmt Agency
23	0170S	0300E	007	ALIQ	N2;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Serial Number: NMNM-- - 133058

Act Date	Code	Action	Action Remark	Pending Office
01/01/2014	387	CASE ESTABLISHED		
01/01/2014	516	FORMATION	YESO	
01/01/2014	525	ACRES-NONFEDERAL	0	
01/01/2014	526	ACRES-FED INT 100%	100	
01/01/2014	868	EFFECTIVE DATE	3001541815	
05/30/2014	654	AGRMT PRODUCING	/1/	
08/05/2014	643	PRODUCTION DETERMINATION	/1/	
08/05/2014	658	MEMO OF 1ST PROD-ACTUAL	/1/	

Serial Number: NMNM-- - 133058

Line Nr	Remarks			
	TOTAL	314.75	100.0	
0001	RECAPITULATION EFFECTIVE 01/01/2014			
0002	TR# LEASE# AC COMMITTED % INT			
0003	1A NM7752	74.75	10.92454329	
0004	1B NM7752	74.75	12.82446386	
0005	2 NM117122	240.00	76.25099285	

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**01 02-25-1920;041STAT0437;30USC181ETSEQ**  
**Case Type 312011: O&G LSE COMP PUBLIC**  
**Commodity 459: OIL & GAS**  
**Case Disposition: AUTHORIZED**

**Total Acres 40.000**  
**Serial Number NMNM-- 0 016786**

**Serial Number: NMNM-- 0 016786**

Name & Address			Int Rel	% Interest
BETTIS BROTHERS INC	500 W TEXAS #830	MIDLAND TX 79701	OPERATING RIGHTS	0.00000000
CHASE OIL CORP	PO BOX 1767	ARTESIA NM 882111767	OPERATING RIGHTS	0.00000000
COG OPERATING LLC	600 W ILLINOIS AVE	MIDLAND TX 797014882	LESSEE	95.00000000
COG OPERATING LLC	600 W ILLINOIS AVE	MIDLAND TX 797014882	OPERATING RIGHTS	0.00000000
CONCHO OIL & GAS LLC	600 W ILLINOIS AVE, ONE CONCHO CENTE	MIDLAND TX 797014882	LESSEE	5.00000000
CONCHO OIL & GAS LLC	600 W ILLINOIS AVE, ONE CONCHO CENTE	MIDLAND TX 797014882	OPERATING RIGHTS	0.00000000
MARBOB ENERGY CORP	PO BOX 227	ARTESIA NM 882110227	OPERATING RIGHTS	0.00000000
MILLER RAYE	2308 SIERRA VISTA RD	ARTESIA NM 88210	OPERATING RIGHTS	0.00000000
PITCH ENE CORP	PO BOX 227	ARTESIA NM 88211	OPERATING RIGHTS	0.00000000
PXP PRODUCING CO LLC	717 TEXAS ST STE 2100	HOUSTON TX 770022753	OPERATING RIGHTS	0.00000000

**Serial Number: NMNM-- 0 016786**

Mer Twp Rng Sec	STyp	SNr Suff	Subdivision	District/Field Office	County	Mgmt Agency
23 0170S 0290E 001	ALIQ		NESE;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

**Relinquished/Withdrawn Lands**

**Serial Number: NMNM-- 0 016786**

23 0170S 0290E 711	FF		NE;SEGR	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
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**Serial Number: NMNM-- 0 016786**

Act Date	Code	Action	Action Remark	Pending Office
10/15/1954	387	CASE ESTABLISHED		
10/15/1954	500	GEOGRAPHIC NAME	ANDERSON FLD;	
11/18/1954	196	BID ACCEPTED		
01/11/1955	237	LEASE ISSUED		
02/01/1955	496	FUND CODE	05;145003	
02/01/1955	532	RLTY RATE 12.5-25% SCH B		
02/01/1955	868	EFFECTIVE DATE		KG
04/01/1957	940	NAME CHANGE RECOGNIZED	STANOLIND/PAN AMER	
08/14/1958	650	HELD BY PROD - ACTUAL		
11/17/1958	102	NOTICE SENT-PROD STATUS		
03/19/1971	940	NAME CHANGE RECOGNIZED	PAN AMER PETRO/AMOCO	
11/13/1986	932	TRF OPER RGTS FILED		
02/04/1987	933	TRF OPER RGTS APPROVED	EFF 12/01/86;	
03/12/1987	963	CASE MICROFILMED	CNUM 103,725	RW
03/30/1987	932	TRF OPER RGTS FILED	AMOCO/MARBOB	
04/01/1987	933	TRF OPER RGTS APPROVED	EFF 04/01/87;	
08/24/1987	104	ADDTL INFO RQSTD	COPY OF LOST ASGN	
09/08/1987	103	ADDTL INFO RECD	AMOCO/MARBOB	
10/07/1987	974	AUTOMATED RECORD VERIF		MLM
12/14/1987	932	TRF OPER RGTS FILED	AMOCO/MARBOB	
01/01/1988	933	TRF OPER RGTS APPROVED	EFF 01/01/88;	
04/28/1988	974	AUTOMATED RECORD VERIF		MCS/JR
03/15/1991	974	AUTOMATED RECORD VERIF		MRR/MT
05/23/1991	932	TRF OPER RGTS FILED	H KERSEY/MARBOB ENE	
08/01/1991	933	TRF OPER RGTS APPROVED	EFF 06/01/91;	
08/01/1991	974	AUTOMATED RECORD VERIF		MRR/AMR
08/11/1992	909	BOND ACCEPTED	EFF 08/10/92;NM2056	
10/01/1992	621	RLTY RED-STRIPPER WELL	2.1%; /1/	
10/01/1992	621	RLTY RED-STRIPPER WELL	2.1%; /2/	

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10/01/1992	621	RLTY RED-STRIPPER WELL	6.1%;/1/	
12/07/1992	932	TRF OPER RGTS FILED	MARBOB/CHASE OIL CORP	
12/11/1992	625	RLTY REDUCTION APPV	/1/	
02/10/1993	933	TRF OPER RGTS APPROVED	EFF 01/01/93;	
02/10/1993	974	AUTOMATED RECORD VERIF		SSP/KRP
04/07/1993	909	BOND ACCEPTED	EFF 04/05/93;NM2151	
07/01/1993	625	RLTY REDUCTION APPV	/2/	
07/13/1993	625	RLTY REDUCTION APPV	/1/	
08/19/1993	974	AUTOMATED RECORD VERIF		BMR
09/28/1993	140	ASGN FILED	AMOCO/MARBOB ENE	
10/01/1993	626	RLTY REDUCTION DENIED	/A/	
10/14/1993	974	AUTOMATED RECORD VERIF		JS
11/03/1993	974	AUTOMATED RECORD VERIF		ANN
11/29/1993	139	ASGN APPROVED	EFF 10/01/93;	
11/29/1993	974	AUTOMATED RECORD VERIF		BTM/KRP
02/10/1994	974	AUTOMATED RECORD VERIF		JLV
02/14/1994	575	APD FILED	POGO PROD CO	
03/07/1994	576	APD APPROVED	1 SABER FED	
04/22/1994	932	TRF OPER RGTS FILED	MARBOB/BETTIS	
05/03/1994	932	TRF OPER RGTS FILED	BETTIS/POGO PRODUCING	
05/23/1994	933	TRF OPER RGTS APPROVED	EFF 05/01/94;	
05/23/1994	974	AUTOMATED RECORD VERIF		KRP
08/11/1994	933	TRF OPER RGTS APPROVED	EFF 06/01/94;	
08/11/1994	974	AUTOMATED RECORD VERIF		LBO
03/01/2000	621	RLTY RED-STRIPPER WELL	2.1%;/3/	
10/27/2000	625	RLTY REDUCTION APPV	/3/	
02/01/2001	621	RLTY RED-STRIPPER WELL	0.5%;	
05/01/2001	621	RLTY RED-STRIPPER WELL	2.1%;/4/	
06/14/2001	625	RLTY REDUCTION APPV	/4/	
07/03/2001	625	RLTY REDUCTION APPV		
04/01/2002	621	RLTY RED-STRIPPER WELL	0.5%;/5/	
06/01/2003	621	RLTY RED-STRIPPER WELL	0.5%;/6/	
06/01/2004	621	RLTY RED-STRIPPER WELL	1/3%;/8/	
08/01/2004	621	RLTY RED-STRIPPER WELL	0.5%;/7/	
09/07/2004	899	TRF OF ORR FILED	1	
09/07/2004	932	TRF OPER RGTS FILED	MARBOB ENE/PITCH ENE	
10/15/2004	933	TRF OPER RGTS APPROVED	EFF 10/01/04;	
10/15/2004	974	AUTOMATED RECORD VERIF	JLV	
10/21/2004	625	RLTY REDUCTION APPV	/5/	
12/23/2004	974	AUTOMATED RECORD VERIF	BCO	
12/28/2004	625	RLTY REDUCTION APPV	/6/	
01/01/2005	621	RLTY RED-STRIPPER WELL	1.3%;/10/	
01/01/2005	700	LEASE SEGREGATED	INTO NMNM125007;	
01/04/2005	974	AUTOMATED RECORD VERIF	BCO	
01/27/2005	625	RLTY REDUCTION APPV	/7/	
02/01/2005	974	AUTOMATED RECORD VERIF	BCO	
03/28/2005	626	RLTY REDUCTION DENIED		
06/01/2005	621	RLTY RED-STRIPPER WELL	2.1%;/11/	
09/12/2006	974	AUTOMATED RECORD VERIF	ANN	
02/12/2008	817	MERGER RECOGNIZED	POGO PROD/PXP ACQ;	
02/12/2008	940	NAME CHANGE RECOGNIZED	PXP ACQ/POGO LLC;	
03/08/2008	974	AUTOMATED RECORD VERIF	BTM	
03/25/2008	625	RLTY REDUCTION APPV	/8/	
03/25/2008	626	RLTY REDUCTION DENIED	02/01/2006;/9/	
04/18/2008	974	AUTOMATED RECORD VERIF	LR	

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06/01/2009	246	LEASE COMMITTED TO CA	NMNM123608;
11/10/2009	625	RLTY REDUCTION APPV	/10/
11/10/2009	625	RLTY REDUCTION APPV	/11/
02/15/2010	246	LEASE COMMITTED TO CA	CA NM125611
06/28/2010	974	AUTOMATED RECORD VERIF	SSP
04/18/2011	140	ASGN FILED	MARBOB EN/COG OPERA;1
04/18/2011	932	TRF OPER RGTS FILED	MARBOB EN/COG OPERA;1
04/18/2011	932	TRF OPER RGTS FILED	MARBOB EN/COG OPERA;2
04/18/2011	932	TRF OPER RGTS FILED	MILLER RA/MARBOB EN;1
06/12/2011	933	TRF OPER RGTS APPROVED	EFF 05/01/11;
07/12/2011	139	ASGN APPROVED	EFF 05/01/11;
07/12/2011	933	TRF OPER RGTS APPROVED	EFF 05/01/11;
07/12/2011	974	AUTOMATED RECORD VERIF	MV
07/29/2011	933	TRF OPER RGTS APPROVED	EFF 05/01/11;
07/29/2011	974	AUTOMATED RECORD VERIF	RAYO
06/19/2012	940	NAME CHANGE RECOGNIZED	POGO/PXP

Serial Number: NMNM-- 0 016786

Line Nr	Remarks
0002	/A/ THE OPERATOR MUST USE THE PRODUCTION HISTORY
0003	FROM THE 1ST CLAIM YEAR IN ORDER TO CALCULATE A
0004	SUBSEQUENT REDUCTION IN THE ESTABLISHED STRIPPER
0005	REDUCED ROYALTY RATE TO BE USED DURING THE 2ND CLAIM
0006	YEAR.
0007	BONDED OPERATOR(S): 08/11/1994
0008	POGO PROD CO WY0405 NW;
0009	MACK ENERGY CORP NM2151 SW;
0010	MARBOB ENERGY CORP NM1133 SW;
0011	07/12/11 COG BONDED TRANSFEREE NMB000740/SW

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Run Date: 02/19/2015

01 02-25-1920;041STAT0437;30USC181

Total Acres  
320.060

Serial Number  
NMNM-- - 125611

Case Type 318310: O&G COMMUNITIZATION AGRMT  
Commodity 410: NATURAL GAS  
Case Disposition: AUTHORIZED

Serial Number: NMNM-- - 125611

Name & Address		Int Rel	% Interest
BLM CARLSBAD FO MEWBOURNE OIL CO	620 E GREENE ST PO BOX 7698	CARLSBAD NM 88220 TYLER TX 757117698	OFFICE OF RECORD OPERATOR 0.00000000 100.00000000

Serial Number: NMNM-- - 125611

Mer Twp	Rng	Sec	STyp	SNr Suff	Subdivision	District/Field Office	County	Mgmt Agency
23	0170S	0290E	001	ALIQ	E2;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Serial Number: NMNM-- - 125611

Act Date	Code	Action	Action Remark	Pending Office
02/15/2010	868	EFFECTIVE DATE		
10/13/2010	387	CASE ESTABLISHED		
10/13/2010	516	FORMATION	MORROW	
10/13/2010	526	ACRES-FED INT 100%	320.06	
10/13/2010	654	AGRMT PRODUCING		
11/01/2010	658	MEMO OF 1ST PROD-ACTUAL		
11/03/2010	334	AGRMT APPROVED		

Serial Number: NMNM-- - 125611

Line Nr	Remarks
0001	/A/ RECAPITULATION EFFECTIVE 02/15/2010
0002	TR#1 LEASE SERIAL# AC ACCOMMITTED %INTEREST
0003	1 NM7752 120.00 37.50
0004	2 NM7754 40.00 12.50
0005	3 LC064222 40.05 12.51
0006	4 NM013814 80.01 24.99
0007	5 NM016786 40.00 12.50
0008	TOTAL 320.06 100.00

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Run Date: 02/13/2015

01 02-25-1920;041STAT0437;30USC226

Total Acres
1,154.530

Serial Number
NMNM-- - 007752

Case Type 310771: O&G EXCHANGE LEASE - PD
Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED

Serial Number: NMNM-- - 007752

Table with columns: Name & Address, Int Rel, % Interest. Lists various landowners and their interests in the property.

Serial Number: NMNM-- - 007752

Table with columns: Mer Twp, Rng, Sec, STyp, SNr Suff, Subdivision, District/Field Office, County, Mgmt Agency. Lists land parcels and their management agencies.

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23 0170S 0300E 007	FF	02	L 1,2,ALL FORMS EXCEPT;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23 0170S 0300E 007	FF	03	GRAYBURG FORM AS DEFINED;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23 0170S 0300E 007	FF	04	BY SEC 2F OF THE UNIT;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23 0170S 0300E 007	FF	05	AGREEMENT;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23 0170S 0300E 008	FF		NWNW,ALL FORMATIONS;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Serial Number: NMNM-- - 007752

Act Date	Code	Action	Action Remark	Pending Office
12/31/1938	387	CASE ESTABLISHED		
12/31/1938	496	FUND CODE	05;145003	
12/31/1938	533	RLTY STEP 12.5-32%		
12/31/1938	868	EFFECTIVE DATE		
08/01/1968	209	CASE CREATED BY SEGR	OUT OF NMNM025733;	
08/01/1968	650	HELD BY PROD - ACTUAL		
08/01/1968	658	MEMO OF 1ST PROD-ACTUAL		
01/18/1974	932	TRF OPER RGTS FILED		
04/16/1974	932	TRF OPER RGTS FILED		
09/19/1975	940	NAME CHANGE RECOGNIZED	KEWANEE OIL CO/IND	
08/07/1977	932	TRF OPER RGTS FILED		
11/23/1977	932	TRF OPER RGTS FILED		
07/03/1978	932	TRF OPER RGTS FILED	(1)	
07/03/1978	932	TRF OPER RGTS FILED	(2)	
07/01/1982	963	CASE MICROFILMED	CNUM 103,138	GLC
01/30/1985	932	TRF OPER RGTS FILED		
03/28/1985	932	TRF OPER RGTS FILED		
05/28/1986	933	TRF OPER RGTS APPROVED	EFF 02/01/85;	
05/28/1986	933	TRF OPER RGTS APPROVED	EFF 04/01/85;	
05/05/1987	933	TRF OPER RGTS APPROVED	(1)EFF 08/01/78;	
05/05/1987	933	TRF OPER RGTS APPROVED	(2)EFF 08/01/78;	
05/05/1987	933	TRF OPER RGTS APPROVED	EFF 02/01/74;	
05/05/1987	933	TRF OPER RGTS APPROVED	EFF 05/01/74;	
05/05/1987	933	TRF OPER RGTS APPROVED	EFF 09/01/77;	
05/08/1987	963	CASE MICROFILMED	CNUM 103,138	RW
05/27/1988	933	TRF OPER RGTS APPROVED	EFF 12/01/77;	
05/27/1988	974	AUTOMATED RECORD VERIF		HKG/HKG
07/25/1988	932	TRF OPER RGTS FILED		
08/22/1988	933	TRF OPER RGTS APPROVED	EFF 08/01/88;	
08/22/1988	974	AUTOMATED RECORD VERIF		BTM/MT
09/28/1988	932	TRF OPER RGTS FILED		
10/31/1988	933	TRF OPER RGTS APPROVED	EFF 10/01/88;	
10/31/1988	974	AUTOMATED RECORD VERIF		RAO/JR
11/15/1988	932	TRF OPER RGTS FILED		
12/09/1988	933	TRF OPER RGTS APPROVED	EFF 12/01/88;	
12/09/1988	974	AUTOMATED RECORD VERIF		GLC/MT
01/19/1989	932	TRF OPER RGTS FILED	(1)	
01/19/1989	932	TRF OPER RGTS FILED	(2)	
02/14/1989	933	TRF OPER RGTS APPROVED	(1)EFF 02/01/89;	
02/14/1989	933	TRF OPER RGTS APPROVED	(2)EFF 02/01/89;	
02/14/1989	974	AUTOMATED RECORD VERIF		DGT/MT
02/17/1989	932	TRF OPER RGTS FILED		
03/21/1989	933	TRF OPER RGTS APPROVED	EFF 03/01/89;	
03/21/1989	974	AUTOMATED RECORD VERIF		RAO/MT

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12/26/1989	932	TRF OPER RGTS FILED	LOWERY J J/PACIFIC
03/05/1990	933	TRF OPER RGTS APPROVED	EFF 01/01/90;
03/05/1990	974	AUTOMATED RECORD VERIF	TF/MT
03/16/1990	932	TRF OPER RGTS FILED	R MEYERS/PACIFIC
03/26/1990	932	TRF OPER RGTS FILED	D R CARSON/PACIFIC
03/26/1990	932	TRF OPER RGTS FILED	E L CARSON/PACIFIC
03/26/1990	932	TRF OPER RGTS FILED	V L BETHEL/PACIFIC
04/23/1990	932	TRF OPER RGTS FILED	NM BAPTIST/PACIFIC
05/21/1990	933	TRF OPER RGTS APPROVED	(1)EFF 04/01/90;
05/21/1990	933	TRF OPER RGTS APPROVED	(2)EFF 04/01/90;
05/21/1990	933	TRF OPER RGTS APPROVED	(3)EFF 04/01/90;
05/21/1990	933	TRF OPER RGTS APPROVED	(4)EFF 04/01/90;
05/21/1990	933	TRF OPER RGTS APPROVED	EFF 05/01/90;
05/21/1990	974	AUTOMATED RECORD VERIF	BTM/MT
05/25/1990	932	TRF OPER RGTS FILED	(1)AMCO PROD/MACK ENE
05/25/1990	932	TRF OPER RGTS FILED	(2)AMCO PROD/MACK ENE
07/23/1990	933	TRF OPER RGTS APPROVED	(1)EFF 06/01/90;
07/23/1990	933	TRF OPER RGTS APPROVED	(2)EFF 06/01/90;
07/23/1990	974	AUTOMATED RECORD VERIF	TF/MT
08/27/1990	932	TRF OPER RGTS FILED	PHILLIPS/SW RLTYs
09/04/1990	932	TRF OPER RGTS FILED	DOUBLE/MARBOB
09/04/1990	932	TRF OPER RGTS FILED	PHILLIPS/DOUBLE
09/27/1990	933	TRF OPER RGTS APPROVED	(1)EFF 10/01/90;
09/27/1990	933	TRF OPER RGTS APPROVED	(2)EFF 10/01/90;
09/27/1990	933	TRF OPER RGTS APPROVED	EFF 09/01/90;
09/27/1990	974	AUTOMATED RECORD VERIF	GLC/MT
11/13/1990	932	TRF OPER RGTS FILED	AMCO/MACK ENERGY CORP
12/03/1990	932	TRF OPER RGTS FILED	AMCO PROD/MACK ENERGY
01/17/1991	932	TRF OPER RGTS FILED	BETHEL/CARSON ET AL
01/19/1991	957	TRF OPER RGTS DENIED	BETHAL/CARSON ET AL
01/19/1991	974	AUTOMATED RECORD VERIF	BTM/JG
01/22/1991	933	TRF OPER RGTS APPROVED	EFF 12/01/90;
01/22/1991	974	AUTOMATED RECORD VERIF	CM/DG
02/04/1991	140	ASGN FILED	DORCHESTER/DORCHESTER
02/04/1991	932	TRF OPER RGTS FILED	DORCHESTER/DORCHESTER
02/19/1991	932	TRF OPER RGTS FILED	A KECK/DAMSON OIL
03/14/1991	933	TRF OPER RGTS APPROVED	EFF 01/01/91;
03/14/1991	974	AUTOMATED RECORD VERIF	CM/MT
03/21/1991	974	AUTOMATED RECORD VERIF	RAYO/RAYO
03/26/1991	575	APD FILED	MARBOB ENERGY CE
04/02/1991	932	TRF OPER RGTS FILED	MCKIM ETAL/BISSETT ET
04/08/1991	139	ASGN APPROVED	EFF 03/01/91;
04/08/1991	933	TRF OPER RGTS APPROVED	(1)EFF 03/01/91;
04/08/1991	933	TRF OPER RGTS APPROVED	(2)EFF 03/01/91;
04/08/1991	933	TRF OPER RGTS APPROVED	EFF 05/01/91;
04/08/1991	974	AUTOMATED RECORD VERIF	GLC/MT
04/15/1991	576	APD APPROVED	RANDALL FED NO 2
06/03/1991	909	BOND ACCEPTED	EFF 06/03/91;MT0741
09/18/1991	140	ASGN FILED	DORCHESTER/PARKER
09/18/1991	932	TRF OPER RGTS FILED	(1)DORCHESTER/P&P
09/18/1991	932	TRF OPER RGTS FILED	(2)DORCHESTER/P&P
11/07/1991	909	BOND ACCEPTED	EFF 10/28/91;NM1936
11/25/1991	139	ASGN APPROVED	EFF 10/01/91;
11/25/1991	933	TRF OPER RGTS APPROVED	(1)EFF 10/01/91;
11/25/1991	933	TRF OPER RGTS APPROVED	(2)EFF 10/01/91;

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11/25/1991	974	AUTOMATED RECORD VERIF	AR/JLV
04/09/1992	140	ASGN FILED	DAMSON/P&P DEV CO
04/09/1992	932	TRF OPER RGTS FILED	(1)DAMSON/P&P DEV CO
04/09/1992	932	TRF OPER RGTS FILED	(2)DAMSON/P&P DEV CO
06/16/1992	139	ASGN APPROVED	EFF 05/01/92;
06/16/1992	933	TRF OPER RGTS APPROVED	(1)EFF 05/01/92;
06/16/1992	933	TRF OPER RGTS APPROVED	(2)EFF 05/01/92;
06/16/1992	974	AUTOMATED RECORD VERIF	SSP/JS
10/01/1992	621	RLTY RED-STRIPPER WELL	1.3%;/1/
10/01/1992	621	RLTY RED-STRIPPER WELL	1.3%;/3/
12/07/1992	932	TRF OPER RGTS FILED	MARBOB/CHASE OIL CORP
01/01/1993	621	RLTY RED-STRIPPER WELL	2.1%;/2/
01/25/1993	625	RLTY REDUCTION APPV	/3/
02/02/1993	933	TRF OPER RGTS APPROVED	EFF 01/01/93;
02/02/1993	974	AUTOMATED RECORD VERIF	ANN/JS
02/05/1993	932	TRF OPER RGTS FILED	PAC ENTER/NM BAPT
02/11/1993	932	TRF OPER RGTS FILED	(1)PAC ENTER/NM BAPT
02/11/1993	932	TRF OPER RGTS FILED	(2)PAC ENTER/NM BAPT
02/22/1993	932	TRF OPER RGTS FILED	PAC ENTER/CARSON
02/22/1993	932	TRF OPER RGTS FILED	PAC ENTER/MYERS
03/29/1993	932	TRF OPER RGTS FILED	HAWES/P&P DEV CO
04/02/1993	932	TRF OPER RGTS FILED	PAC ENTER/J J LOWERY
04/07/1993	909	BOND ACCEPTED	EFF 04/05/93;NM2151
04/15/1993	933	TRF OPER RGTS APPROVED	(1)EFF 03/01/93;
04/15/1993	933	TRF OPER RGTS APPROVED	(1)EFF 04/01/93;
04/15/1993	933	TRF OPER RGTS APPROVED	(1)EFF 05/01/93;
04/15/1993	933	TRF OPER RGTS APPROVED	(2)EFF 03/01/93;
04/15/1993	933	TRF OPER RGTS APPROVED	(3)EFF 03/01/93;
04/15/1993	933	TRF OPER RGTS APPROVED	(4)EFF 03/01/93;
04/15/1993	933	TRF OPER RGTS APPROVED	EFF 05/01/93;
04/15/1993	974	AUTOMATED RECORD VERIF	SSP/KRP
04/30/1993	625	RLTY REDUCTION APPV	/4/
06/29/1993	933	TRF OPER RGTS APPROVED	(2)EFF 04/01/90;
06/29/1993	974	AUTOMATED RECORD VERIF	BCO/MV
08/11/1993	625	RLTY REDUCTION APPV	/4/
12/01/1993	621	RLTY RED-STRIPPER WELL	0.5%;/5/
01/13/1994	974	AUTOMATED RECORD VERIF	VHG
02/17/1994	974	AUTOMATED RECORD VERIF	VHG
02/25/1994	909	BOND ACCEPTED	EFF 02/04/94;NM2285
03/04/1994	932	TRF OPER RGTS FILED	MACK ENE/CHASE TRUST
03/08/1994	974	AUTOMATED RECORD VERIF	LR
05/09/1994	933	TRF OPER RGTS APPROVED	EFF 04/01/94;
05/09/1994	974	AUTOMATED RECORD VERIF	JLV
05/23/1994	932	TRF OPER RGTS FILED	CHASE/WEBB OIL CO
05/25/1994	575	APD FILED	POGO PROD CO
06/13/1994	575	APD FILED	POGO PROD CO
07/18/1994	933	TRF OPER RGTS APPROVED	EFF 06/01/94;
07/18/1994	974	AUTOMATED RECORD VERIF	ANN
12/02/1994	625	RLTY REDUCTION APPV	/5/
12/09/1994	932	TRF OPER RGTS FILED	CHASE OIL/CHASE OIL
12/27/1994	817	MERGER RECOGNIZED	PARKER&PARSLEY/MIDPAR
02/01/1995	621	RLTY RED-STRIPPER WELL	0.5%;/6/
03/20/1995	933	TRF OPER RGTS APPROVED	EFF 01/01/95;
03/20/1995	974	AUTOMATED RECORD VERIF	JLV
11/06/1995	625	RLTY REDUCTION APPV	/6/

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12/12/1995	940	NAME CHANGE RECOGNIZED	MIDPAR/PARKER&PARSLEY
04/01/1996	621	RLTY RED-STRIPPER WELL	0.5%;/7/
06/03/1996	932	TRF OPER RGTS FILED	BREWER/BUCKHORN
09/09/1996	932	TRF OPER RGTS FILED	CHASE TTEE/R B WEBB
09/25/1996	933	TRF OPER RGTS APPROVED	EFF 07/01/96;
09/25/1996	974	AUTOMATED RECORD VERIF	JLV
11/06/1996	625	RLTY REDUCTION APPV	/7/
11/15/1996	932	TRF OPER RGTS FILED	PARKER&PARSLEY/ENRON
12/03/1996	933	TRF OPER RGTS APPROVED	EFF 10/01/96;
12/03/1996	974	AUTOMATED RECORD VERIF	LR
12/13/1996	932	TRF OPER RGTS FILED	J M HUBER/ENRON
01/07/1997	933	TRF OPER RGTS APPROVED	EFF 12/01/96;
01/07/1997	974	AUTOMATED RECORD VERIF	LR
01/13/1997	933	TRF OPER RGTS APPROVED	EFF 01/01/97;
01/13/1997	974	AUTOMATED RECORD VERIF	JLV
03/24/1997	932	TRF OPER RGTS FILED	PACIFIC/HUNT OIL
04/02/1997	933	TRF OPER RGTS APPROVED	EFF 04/01/97;
04/02/1997	974	AUTOMATED RECORD VERIF	ANN
06/05/1997	932	TRF OPER RGTS FILED	LOWERY/ENRON O&G CO
06/09/1997	932	TRF OPER RGTS FILED	BETHEL/ENRON
06/09/1997	932	TRF OPER RGTS FILED	CARSON ETAL/ENRON
06/18/1997	932	TRF OPER RGTS FILED	CARPENTER/ENRON O&G
06/18/1997	932	TRF OPER RGTS FILED	MEYERS/ENRON O&G
08/07/1997	933	TRF OPER RGTS APPROVED	(1)EFF 07/01/97;
08/07/1997	933	TRF OPER RGTS APPROVED	(2)EFF 07/01/97;
08/07/1997	933	TRF OPER RGTS APPROVED	(3)EFF 07/01/97;
08/07/1997	933	TRF OPER RGTS APPROVED	(4)EFF 07/01/97;
08/07/1997	933	TRF OPER RGTS APPROVED	(5)EFF 07/01/97;
08/07/1997	974	AUTOMATED RECORD VERIF	LR
10/03/1997	817	MERGER RECOGNIZED	MESA OPER/PIONNER
10/03/1997	817	MERGER RECOGNIZED	PARKR&PARSLEY/PIONEER
02/05/1998	932	TRF OPER RGTS FILED	MACK/CHASE TRUST
03/04/1998	933	TRF OPER RGTS APPROVED	EFF 03/01/98;
03/04/1998	974	AUTOMATED RECORD VERIF	ANN
08/01/1998	625	RLTY REDUCTION APPV	/8/
11/23/1998	932	TRF OPER RGTS FILED	WAGNER/SAMSON
12/30/1998	933	TRF OPER RGTS APPROVED	EFF 12/01/98;
12/30/1998	974	AUTOMATED RECORD VERIF	JLV
01/14/1999	932	TRF OPER RGTS FILED	CHASE/CHASE ETAL
02/25/1999	933	TRF OPER RGTS APPROVED	EFF 02/01/99;
02/25/1999	974	AUTOMATED RECORD VERIF	LR
08/13/1999	932	TRF OPER RGTS FILED	RHODES/HENDERSON
08/27/1999	621	RLTY RED-STRIPPER WELL	0.5%;/8/
08/30/1999	817	MERGER RECOGNIZED	EOG RES/ENRON O&G CO
08/30/1999	940	NAME CHANGE RECOGNIZED	ENRON O&G CO/EOG RES
09/01/1999	621	RLTY RED-STRIPPER WELL	0.5%;/9/
11/03/1999	933	TRF OPER RGTS APPROVED	EFF 09/01/99;
11/03/1999	974	AUTOMATED RECORD VERIF	MV/MV
11/09/1999	625	RLTY REDUCTION APPV	/9/
10/25/2000	940	NAME CHANGE RECOGNIZED	PACIFIC/PACIFIC ABC
11/01/2000	621	RLTY RED-STRIPPER WELL	0.5%;/10/
12/01/2000	621	RLTY RED-STRIPPER WELL	1.3%;/11/
04/17/2001	817	MERGER RECOGNIZED	BULLDOG/CHASE OIL
04/23/2001	140	ASGN FILED	PIONEER NATURAL RES;1
05/15/2001	625	RLTY REDUCTION APPV	/10/

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05/30/2001	269	ASGN DENIED	04/23/01 ASGN;
05/30/2001	974	AUTOMATED RECORD VERIF	MV
07/17/2001	625	RLTY REDUCTION APPV	/11/
08/14/2001	932	TRF OPER RGTS FILED	WT HOWARD/L DREYFUS
08/22/2001	932	TRF OPER RGTS FILED	L DREYFUS/MARBOB
10/29/2001	933	TRF OPER RGTS APPROVED	01EFF 09/01/01;
10/29/2001	933	TRF OPER RGTS APPROVED	02EFF 09/01/01;
10/29/2001	974	AUTOMATED RECORD VERIF	MV
12/12/2001	817	MERGER RECOGNIZED	L DREYFUS/DOMINION
01/24/2002	932	TRF OPER RGTS FILED	EOG RESOURCES INC;1
01/24/2002	932	TRF OPER RGTS FILED	EOG RESOURCES INC;2
01/24/2002	932	TRF OPER RGTS FILED	EOG RESOURCES INC;3
02/13/2002	393	DEC ISSUED	VACATE 10/25/2000
02/13/2002	940	NAME CHANGE RECOGNIZED	PAC ENTPR USA/PAC ABC
03/05/2002	974	AUTOMATED RECORD VERIF	MCS
03/19/2002	933	TRF OPER RGTS APPROVED	01EFF 02/01/02;
03/19/2002	933	TRF OPER RGTS APPROVED	02EFF 02/01/02;
03/19/2002	933	TRF OPER RGTS APPROVED	03EFF 02/01/02;
03/19/2002	974	AUTOMATED RECORD VERIF	JLV
01/01/2003	621	RLTY RED-STRIPPER WELL	0.5%;/12/
02/09/2003	625	RLTY REDUCTION APPV	/12/
03/01/2004	621	RLTY RED-STRIPPER WELL	0.5%;/13/
04/01/2005	621	RLTY RED-STRIPPER WELL	0.5%;/4/
05/03/2005	932	TRF OPER RGTS FILED	WEBB ETAL/LOTHIAN O;1
05/03/2005	932	TRF OPER RGTS FILED	WEBB ETAL/LOTHIAN O;2
06/17/2005	933	TRF OPER RGTS APPROVED	(1)EFF 06/01/05;
06/17/2005	933	TRF OPER RGTS APPROVED	(2)EFF 06/01/05;
06/17/2005	974	AUTOMATED RECORD VERIF	ANN
07/07/2005	625	RLTY REDUCTION APPV	/13/
08/30/2005	974	AUTOMATED RECORD VERIF	ANN
05/23/2006	932	TRF OPER RGTS FILED	CHASE OIL/COG OIL &;1
07/21/2006	933	TRF OPER RGTS APPROVED	EFF 06/01/06;
07/21/2006	974	AUTOMATED RECORD VERIF	ANN
09/22/2006	625	RLTY REDUCTION APPV	/14/
11/15/2006	974	AUTOMATED RECORD VERIF	ANN
01/04/2007	932	TRF OPER RGTS FILED	DOMINION/LOBOS ENE;1
05/08/2007	933	TRF OPER RGTS APPROVED	EFF 02/01/07;
05/08/2007	974	AUTOMATED RECORD VERIF	ANN
01/15/2008	246	LEASE COMMITTED TO CA	NMNM120021;
04/01/2008	246	LEASE COMMITTED TO CA	NMNM120828;
10/06/2008	932	TRF OPER RGTS FILED	EOG RESOU/CHI ENERG;1
03/24/2009	933	TRF OPER RGTS APPROVED	EFF 11/01/08
03/24/2009	974	AUTOMATED RECORD VERIF	MV
02/15/2010	246	LEASE COMMITTED TO CA	NMNM125611;
03/17/2010	940	NAME CHANGE RECOGNIZED	COG O&G/COG OPER
11/01/2010	658	MEMO OF 1ST PROD-ACTUAL	/15/SKYHAWK 1 FED COM
04/18/2011	932	TRF OPER RGTS FILED	MARBOB E/COG OPERA;1
04/18/2011	932	TRF OPER RGTS FILED	MARBOB E/COG OPERA;2
04/18/2011	932	TRF OPER RGTS FILED	MARBOB EN/COG OPERA;1
04/18/2011	932	TRF OPER RGTS FILED	MARBOB EN/COG OPERA;2
04/18/2011	932	TRF OPER RGTS FILED	MARBOB EN/COG OPERA;3
04/18/2011	932	TRF OPER RGTS FILED	MARBOB EN/COG OPERA;4
06/24/2011	933	TRF OPER RGTS APPROVED	EFF: 05/01/2011;1
06/24/2011	933	TRF OPER RGTS APPROVED	EFF: 05/01/2011;2
06/24/2011	933	TRF OPER RGTS APPROVED	EFF: 05/01/2011;3

Pass 5H/26H

DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
(MASS) Serial Register Page

Run Time: 09:04 AM

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Run Date: 02/13/2015

06/24/2011	933	TRF OPER RGTS APPROVED	EFF: 05/01/2011;4
06/24/2011	974	AUTOMATED RECORD VERIF	MJD
07/12/2011	933	TRF OPER RGTS APPROVED	01 EFF 05/01/11;
07/12/2011	933	TRF OPER RGTS APPROVED	02 EFF 05/01/11;
07/12/2011	974	AUTOMATED RECORD VERIF	MV
09/02/2011	932	TRF OPER RGTS FILED	J M HUBER/BLACK STO;1
12/16/2011	933	TRF OPER RGTS APPROVED	EFF 10/01/11;
12/27/2011	974	AUTOMATED RECORD VERIF	ANN
01/01/2012	817	MERGER RECOGNIZED	BLK STN IV/BLK STN MI
07/12/2012	932	TRF OPER RGTS FILED	BLACK STO/BLACK STO;1
08/14/2012	933	TRF OPER RGTS APPROVED	EFF 08/01/12;
08/14/2012	974	AUTOMATED RECORD VERIF	DME
10/25/2013	140	ASGN FILED	PIONEER N/COG OPERA;1
12/02/2013	139	ASGN APPROVED	11/01/13;
12/02/2013	974	AUTOMATED RECORD VERIF	LBO
01/01/2014	246	LEASE COMMITTED TO CA	/1/NMNM133058;
05/30/2014	658	MEMO OF 1ST PROD-ACTUAL	/1/NMNM133058;
08/05/2014	643	PRODUCTION DETERMINATION	/1/

Serial Number: NMNM-- - 007752

Line Nr	Remarks
0002	SECTION 2(F) GRAYBURG FORMATION SHALL MEAN THE
0003	ESTABLISHED UNDERGROUND RESERVOIR, THE TOP OF WHICH
0004	IS FOUND AT 2416 FEET, AND THE BASE OF WHICH IS
0005	FOUND AT 2710 FEET, ON THE GAMMA RAY-NEUTRON LOG OF
0006	THE KEWANEE OIL COMPANY NUMBER 10 BEDINGFIELD WELL,
0007	LOCATED IN THE SWSE OF SEC 1, T 17 S, R 29 E, NMPM,
0008	INSOFAR AS THE SAME LIES WITHIN THE UNIT AREA
0009	LOC REQUESTED FROM DSC 3/4/91.
0010	3/18/91 - LOC RECEIVED FROM DSC
0011	3/21/91 - LOC RETURNED TO FINANCIAL INSTITUTION
0013	06/24/2011 - COG OPERATING
0015	12/16/2011 - TANDEM ENERGY CORP - NMB000563 - S/W;
0016	08/14/2012 BLACK STONE ENERGY CO BONDED ESB000200 NW
0017	COG OPERATING LLC NMB000740 S/W CFO ONLY;

Pass 5H126H

DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
(MASS) Serial Register Page

Run Time: 09:06 AM

Page 1 of 1

Run Date: 02/13/2015

01 02-25-1920;041STAT0437;30USC181

Total Acres  
314.750

Serial Number  
NMNM-- - 133058

Case Type 318310: O&G COMMUNITIZATION AGRMT  
Commodity 459: OIL & GAS  
Case Disposition: AUTHORIZED

Serial Number: NMNM-- - 133058

Name & Address			Int Rel	% Interest
BLM CARLSBAD FO COG PRODUCTION LLC	620 E GREENE ST 600 W ILLINOIS AVE. ONE CONCHO CENTE	CARLSBAD NM 88220 MIDLAND TX 79701	OFFICE OF RECORD OPERATOR	0.00000000 100.00000000

Serial Number: NMNM-- - 133058

Mer Twp	Rng	Sec	STyp	SNr Suff	Subdivision	District/Field Office	County	Mgmt Agency
23	0170S	0300E	007	ALIQ	N2;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Serial Number: NMNM-- - 133058

Act Date	Code	Action	Action Remark	Pending Office
01/01/2014	387	CASE ESTABLISHED		
01/01/2014	516	FORMATION	YESO	
01/01/2014	525	ACRES-NONFEDERAL	0	
01/01/2014	526	ACRES-FED INT 100%	100	
01/01/2014	868	EFFECTIVE DATE	3001541815	
05/30/2014	654	AGRMT PRODUCING	/1/	
08/05/2014	643	PRODUCTION DETERMINATION	/1/	
08/05/2014	658	MEMO OF 1ST PROD-ACTUAL	/1/	

Serial Number: NMNM-- - 133058

Line Nr	Remarks			
	TOTAL	314.75	100.0	
0001	RECAPITULATION EFFECTIVE 01/01/2014			
0002	TR# LEASE# AC COMMITTED % INT			
0003	1A NM7752 74.75 10.92454329			
0004	1B NM7752 74.75 12.82446386			
0005	2 NM117122 240.00 76.25099285			

Passion 1 Federal Com #5H - Notices

Commingle Notice w/ C107B	Parliament 1 Fed Com 4H CTB	Sent Certified Mail to Paul Slayton and wife, Patricia   3507 63rd Drive, Lubbock, TX 79413   , GC# 91 7199 9991 7033 2438 1571
Commingle Notice w/ C107B	Parliament 1 Fed Com 4H CTB	Sent Certified Mail to Wright Minerals, LLC   PO Box 2312, Santa Fe, NM 87504   GC# 91 7199 9991 7033 2438 1588
Commingle Notice w/ C107B	Parliament 1 Fed Com 4H CTB	Sent Certified Mail to Joanne Sue Hirsch  5071 Isabella Cannon Dr., Raleigh, NC 27612   GC# 91 7199 9991 7033 2438 1595
Commingle Notice w/ C107B	Parliament 1 Fed Com 4H CTB	Sent Certified Mail to Judith Helena Kriesberg   15233 Magnolia Blvd., Apt. #305, Sherman Oaks, CA 91403  GC# 91 7199 9991 7033 2438 1601
Commingle Notice w/ C107B	Parliament 1 Fed Com 4H CTB	Sent Certified Mail to Karen Paula Hecker  9504 Laurlin Ct., Vienna, VA 22182  GC# 91 7199 9991 7033 2438 1618
Commingle Notice w/ C107B	Parliament 1 Fed Com 4H CTB	Sent Certified Mail to Elliot Hall Company LP  PO Box 1231, Ogden, UT 84402  GC# 91 7199 9991 7033 2438 1625
Commingle Notice w/ C107B	Parliament 1 Fed Com 4H CTB	Sent Certified Mail to Elliot Industries LP  PO Box 1328, Santa Fe. NM 87504 GC# 91 7199 9991 7033 2438 1632
Commingle Notice w/ C107B	Parliament 1 Fed Com 4H CTB	Sent Certified Mail to Curtis W. Mewbourne, TTE  PO Box 7698, Tyler, TX 75711-7698  GC# 91 7199 9991 7033 2438 1649
Commingle Notice w/ C107B	Parliament 1 Fed Com 4H CTB	Sent Certified Mail to Herbert F. Lowery and Alice S. Lowery, Co-Trustees of the Lowery Revocable Trust created u/t/a dated 12/18/1992  7501 E. Thompson Peak Parkway, Unit 309, Scottsdale, Arizona 85255-4535  GC# 91 7199 9991 7033 2438 1656
Commingle Notice w/ C107B	Parliament 1 Fed Com 4H CTB	Sent Certified Mail to RRA Minerals LLC  2214 Toll Gate Road SE, Huntsville, AL 35801-1833  GC# 91 7199 9991 7033 2438 1663
Commingle Notice w/ C107B	Parliament 1 Fed Com 4H CTB	Sent Certified Mail to Mary Carlyn Johnson  320 OAKBROOK LN., Greenwood, IN 46142-3065  , GC# 91 7199 9991 7033 2438 1670
Commingle Notice w/ C107B	Parliament 1 Fed Com 4H CTB	Sent Certified Mail to Root Family Holdings, LLC   13655 Duluth Drive, Apple Valley, Minnesota 55124  GC# 91 7199 9991 7033 2438 1687
Commingle Notice w/ C107B	Parliament 1 Fed Com 4H CTB	Sent Certified Mail to Peggy Runyan  PO Box 869, Kapaa, Hawaii 96746-8705  GC# 91 7199 9991 7033 2438 1694
Commingle Notice w/ C107B	Parliament 1 Fed Com 4H CTB	Sent Certified Mail to Moser Rev. Trust, UTA 12/21/1989, as Amended, Attn: TTE Charles E. Moser & Vicky J. Moser GC#  3555 Comal Springs Canyon Lake, TX 78133 91 7199 9991 7033 2438 1700

## LEGAL NOTICE

COG Operating, LLC is applying to surface commingle four oil wells to a central tank battery in Eddy County, New Mexico with gas sales off lease. The central tank battery is located at the Passion 1 Federal Com #5H well. The four wells, details, and locations are the following:

Passion 1 Federal Com 5H, located in the southeast quarter of section 1, T17S, R29E, Unit I, 1910' FSL & 180' FEL, API# 30-015-42410.

Passion 1 Federal Com 26H, located in the southeast quarter of section 1, T17S, R29E, Unit I, 1650' FSL & 150' FEL, API# Pending.

Churchmouse 1 Federal Com 18H, located in the southeast quarter of section 1, T17S, R29E, Unit P, 350' FSL & 180' FEL, API# 30-015-42917.

Churchmouse 1 Federal Com 27H, located in the southeast quarter of section 1, T17S, R29E, Unit P, 860' FSL & 30' FEL, API# Pending.

Interested parties must file objections or requests for hearing with the New Mexico Oil Conservation Division, 1220 South Saint Francis Dr., Santa Fe, NM 87505 within 20 days. Additional information can be obtained by contacting Kanicia Castillo, COG Operating LLC, One Concho Center, 600 W Illinois Ave, Midland, TX 79701. Phone number is 432-685-4332.

Published in the Artesia Daily Press, Artesia, N.M., April 8, 2015 Legal No. 23422.

District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone (575) 393-6161 Fax (575) 393-0720  
District II  
911 S. First St., Artesia, NM 88210  
Phone (575) 748-1283 Fax (575) 748-9720  
District III  
1000 Rio Arriba Road, Aztec, NM 87410  
Phone (505) 334-6178 Fax (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone (505) 476-3460 Fax (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 AFI Number 30-015-42410		2 Pool Code 96610		3 Pool Name Empire;Glorieta-Yeso, East	
4 Property Code 313307		5 Property Name PASSION 1 FEDERAL COM PDK			6 Well Number 5H
7 OGRID No. 229137		8 Operator Name COG OPERATING, LLC			9 Elevation 3682'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	1	17-S	29-E		1910	SOUTH	180	EAST	EDDY

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	1	17-S	29-E		2270	SOUTH	371	WEST	EDDY

12 Dedicated Acres 160	13 Joint or Infit	14 Consolidation Code	15 Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<p>4 39.97 AC.</p> <p><b>CORNER DATA</b> NAD 27 - NM EAST</p> <p>A: BRASS CAP "1914" N 875322.5 - E 591200.5</p> <p>B: BRASS CAP "1914" N 877961.6 - E 591198.9</p> <p>C: BRASS CAP "1914" N 877961.9 - E 598474.4</p> <p>D: BRASS CAP "1914" N 875324.2 - E 596474.6</p> <p>E: BRASS CAP "1914" N 875326.5 - E 593844.9</p> <p>F: CALCULATED POINT N 877961.7 - E 593840.4</p> <p>G: CALCULATED POINT N 876642.0 - E 591199.7</p> <p>H: CALCULATED POINT N 876642.5 - E 593842.7</p>	<p>3 40.00 AC.</p> <p>2 39.99 AC.</p> <p>1 39.99 AC.</p> <p>I: CALCULATED POINT N 876643.0 - E 596474.5</p> <p><b>GEODETIC DATA</b> NAD 27 - NM EAST</p> <p><b>SURFACE LOCATION</b> N 677233.9 E 596294.5</p> <p>LAT: 32.86141° N LONG: -104.01973° W</p> <p><b>BOTTOM HOLE LOCATION</b> N 677630.9 E 591529.0</p>	<p><b>16 OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and correct to the best of my knowledge and belief, and that the organization either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Chasity Jackson</i> 1/7/15 Signature Date</p> <p>Chasity Jackson Printed Name</p> <p>cjackson@concho.com E-mail Address</p> <p><b>17 SURVEYOR CERTIFICATION</b> I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>12/6/12 Date of Survey</p> <p>Signature and Seal of Professional Surveyor: <i>Robert M. Howett</i></p> <p>19680 Certificate Number</p> <p>Revised: 10/9/14 BH &amp; Well No.</p>
---	--	--

District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
District II  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number		2 Pool Code		3 Pool Name	
4 Property Code		5 Property Name <b>PASSION 1 FEDERAL COM</b>			6 Well Number <b>26H</b>
7 OGRID NO.		8 Operator Name <b>COG OPERATING, LLC</b>			9 Elevation <b>3685'</b>

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	1	17S	29E		2100	SOUTH	180	EAST	EDDY

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	1	17S	29E		1649	SOUTH	330	WEST	EDDY

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
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No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

<p>16</p> <p>LOT 4 40.05 Ac. (MSP 40.11 Ac.)</p> <p>LOT 3 40.06 Ac. (MSP 40.07 Ac.)</p> <p>LOT 2 40.03 Ac. (MSP 40.05 Ac.)</p> <p>LOT 1 40.00 Ac. (MSP 40.01 Ac.)</p> <p>CORNER DATA NAD 27 GRID - NM EAST</p> <p>A: FOUND BRASS CAP "1914" N 675322.5 - E 591200.4</p> <p>B: FOUND BRASS CAP "1914" N 677961.6 - E 591198.9</p> <p>C: FOUND BRASS CAP "1916" N 680599.9 - E 591196.5</p> <p>D: FOUND BRASS CAP "1914" N 680602.4 - E 593835.9</p> <p>E: FOUND BRASS CAP "1914" N 680602.3 - E 596475.6</p>	<p>GEODETIC DATA NAD 27 GRID - NM EAST</p> <p>SURFACE LOCATION N 677423.9 - E 596294.4</p> <p>LAT: 32.86192842° N LONG: 104.01973249° W</p> <p>BOTTOM HOLE LOCATION N 676972.0 - E 591529.4</p>	<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p>	
		<p>18 SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>3-30-15 Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p> <p>19680 Certificate Number</p>	



Estimated info. OCD has not assigned pool or property code yet.

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Revised August 1, 2011  
Submit one copy to appropriate  
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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number Pending		<sup>2</sup> Pool Code 96610		<sup>3</sup> Pool Name Empire; Glorieta-Yeso, East	
<sup>4</sup> Property Code 314203		<sup>5</sup> Property Name CHURCHMOUSE 1 FED COM			<sup>6</sup> Well Number 27H
<sup>7</sup> OGRID No. 229137		<sup>8</sup> Operator Name COG OPERATING, LLC			<sup>9</sup> Elevation 3684'

<sup>10</sup> Surface Location

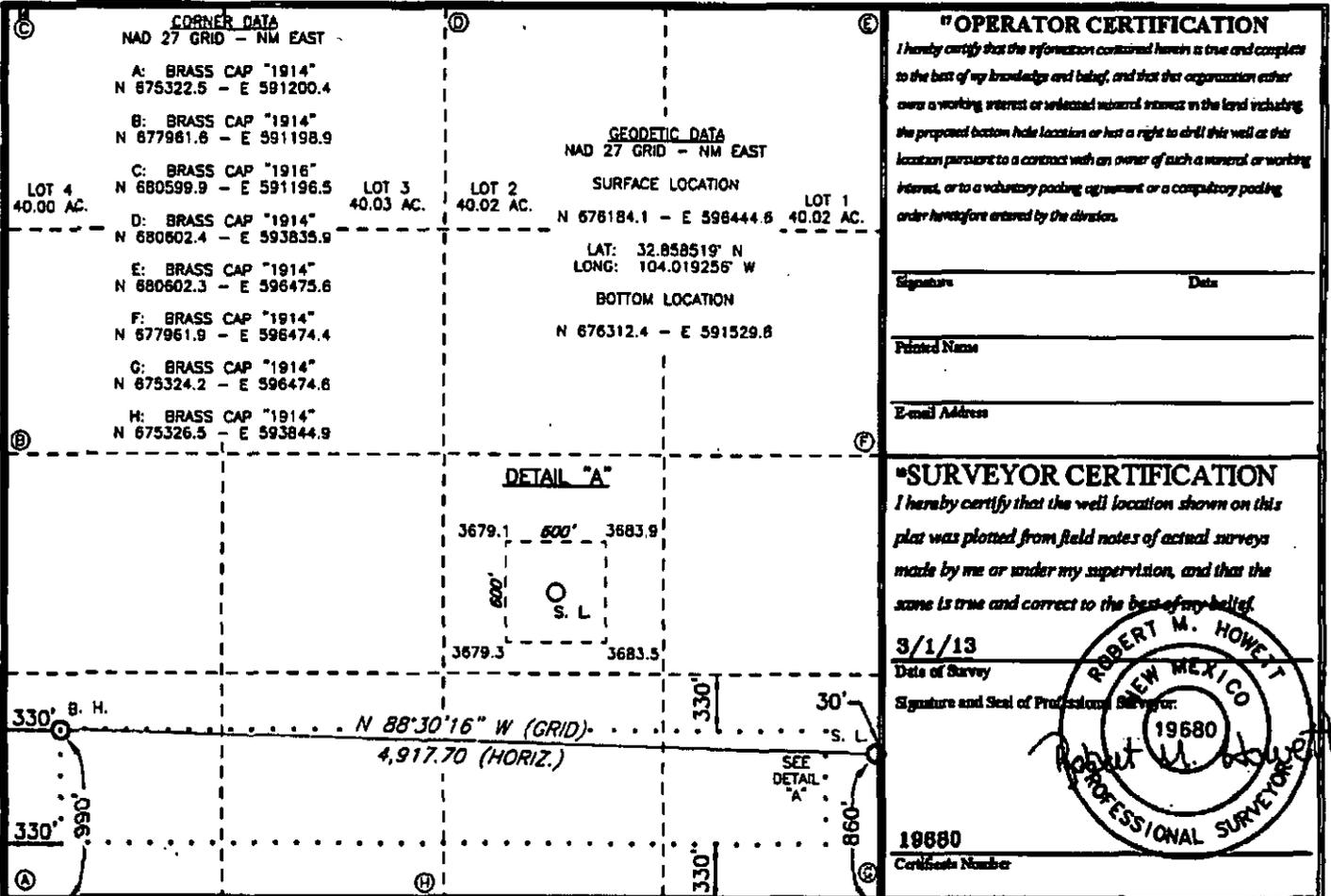
UL or lot no.	Section	Township	Range	Lot 14th	Feet from the	North/South line	Feet from the	East/West line	County
P	1	17-S	29-E		860	SOUTH	30	EAST	EDDY

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 14th	Feet from the	North/South line	Feet from the	East/West line	County
M	1	17-S	29-E		990	SOUTH	330	WEST	EDDY

<sup>12</sup> Dedicated Acres 160	<sup>13</sup> Joint or Infill	<sup>14</sup> Consideration Code	<sup>15</sup> Order No.
--------------------------------------	-------------------------------	----------------------------------	-------------------------

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



## Kanicia Castillo

---

**From:** Robyn Odom  
**Sent:** Wednesday, February 18, 2015 3:01 PM  
**To:** Kanicia Castillo  
**Subject:** Passion 26H

Here are the calls for this well:

Passion 1 Federal Com #26H SHL 1650 FSL 150 FEL Sec 1, T17S, R29E, Unit I  
Passion 1 Federal Com #26H BHL 1650 FSL 330 FWL Sec 1, T17S, R29E, Unit L

Thank you,

***Robyn Odom***

Regulatory Analyst  
COG Operating LLC  
One Concho Center  
600 W. Illinois Avenue  
Midland, Texas 79701  
p.432.685.4385  
[rodom@concho.com](mailto:rodom@concho.com)



Passion 1 Federal Com 5H  
Production Data

Daily Prod Entity Name	Prod Date	Oil Volume	Gas Volume	Water Volume
PASSION 1 FEDERAL COM PDK #5H	02/25/2015	0.0000	0.0000	0.0000
PASSION 1 FEDERAL COM PDK #5H	02/24/2015	111.5900	144.0000	253.0000
PASSION 1 FEDERAL COM PDK #5H	02/23/2015	136.7000	138.0000	315.0000
PASSION 1 FEDERAL COM PDK #5H	02/22/2015	145.0600	136.0000	277.0000
PASSION 1 FEDERAL COM PDK #5H	02/21/2015	103.2200	143.0000	260.0000
PASSION 1 FEDERAL COM PDK #5H	02/20/2015	210.0600	135.0000	308.0000
PASSION 1 FEDERAL COM PDK #5H	02/19/2015	133.9100	138.0000	304.0000
PASSION 1 FEDERAL COM PDK #5H	02/18/2015	155.5300	136.0000	281.0000
PASSION 1 FEDERAL COM PDK #5H	02/17/2015	150.6500	0.0000	313.0000
PASSION 1 FEDERAL COM PDK #5H	02/16/2015	148.5500	134.0000	313.0000
PASSION 1 FEDERAL COM PDK #5H	02/15/2015	145.0600	150.0000	324.0000
PASSION 1 FEDERAL COM PDK #5H	02/14/2015	141.5900	146.0000	308.0000
PASSION 1 FEDERAL COM PDK #5H	02/13/2015	223.1700	135.0000	335.0000
PASSION 1 FEDERAL COM PDK #5H	02/12/2015	200.8500	139.0000	355.0000
PASSION 1 FEDERAL COM PDK #5H	02/11/2015	82.2900	131.0000	310.0000
PASSION 1 FEDERAL COM PDK #5H	02/10/2015	150.6400	130.0000	364.0000
PASSION 1 FEDERAL COM PDK #5H	02/09/2015	122.7500	137.0000	392.0000
PASSION 1 FEDERAL COM PDK #5H	02/08/2015	150.6400	147.0000	406.0000
PASSION 1 FEDERAL COM PDK #5H	02/07/2015	179.9800	145.0000	457.0000
PASSION 1 FEDERAL COM PDK #5H	02/06/2015	128.3300	171.0000	499.0000
PASSION 1 FEDERAL COM PDK #5H	02/05/2015	133.9000	142.0000	406.0000
PASSION 1 FEDERAL COM PDK #5H	02/04/2015	117.8700	74.0000	238.0000
PASSION 1 FEDERAL COM PDK #5H	02/03/2015	114.3700	107.0000	353.0000
PASSION 1 FEDERAL COM PDK #5H	02/02/2015	125.5400	117.0000	268.0000
PASSION 1 FEDERAL COM PDK #5H	02/01/2015	114.3800	80.0000	263.0000
Monthly Average:		137.0652	122.2000	316.0800
PASSION 1 FEDERAL COM PDK #5H	01/31/2015	373.8200	111.0000	409.0000
PASSION 1 FEDERAL COM PDK #5H	01/30/2015	0.0000	0.0000	0.0000
PASSION 1 FEDERAL COM PDK #5H	01/29/2015	0.0000	0.0000	0.0000
PASSION 1 FEDERAL COM PDK #5H	01/28/2015	0.0000	0.0000	44.0000
PASSION 1 FEDERAL COM PDK #5H	01/27/2015	86.4800	138.0000	292.0000
PASSION 1 FEDERAL COM PDK #5H	01/26/2015	193.1800	135.0000	318.0000
PASSION 1 FEDERAL COM PDK #5H	01/25/2015	159.7100	124.0000	307.0000
PASSION 1 FEDERAL COM PDK #5H	01/24/2015	276.8800	301.0000	527.0000
PASSION 1 FEDERAL COM PDK #5H	01/23/2015	320.8100	216.0000	436.0000
PASSION 1 FEDERAL COM PDK #5H	01/22/2015	352.1900	332.0000	619.0000
PASSION 1 FEDERAL COM PDK #5H	01/21/2015	184.8200	153.0000	388.0000
PASSION 1 FEDERAL COM PDK #5H	01/20/2015	312.4400	159.0000	425.0000
PASSION 1 FEDERAL COM PDK #5H	01/19/2015	156.9200	330.0000	323.0000
PASSION 1 FEDERAL COM PDK #5H	01/18/2015	468.6700	578.0000	862.0000
PASSION 1 FEDERAL COM PDK #5H	01/17/2015	207.8300	228.0000	427.0000
PASSION 1 FEDERAL COM PDK #5H	01/16/2015	325.0000	309.0000	622.0000
PASSION 1 FEDERAL COM PDK #5H	01/15/2015	359.8700	622.0000	916.0000
PASSION 1 FEDERAL COM PDK #5H	01/14/2015	196.6800	96.0000	416.0000
PASSION 1 FEDERAL COM PDK #5H	01/13/2015	139.4800	122.0000	389.0000
PASSION 1 FEDERAL COM PDK #5H	01/12/2015	124.8500	100.0000	343.0000
PASSION 1 FEDERAL COM PDK #5H	01/11/2015	150.6400	101.0000	355.0000
PASSION 1 FEDERAL COM PDK #5H	01/10/2015	197.3800	92.0000	416.0000
PASSION 1 FEDERAL COM PDK #5H	01/09/2015	209.2200	159.0000	486.0000
PASSION 1 FEDERAL COM PDK #5H	01/08/2015	223.1700	361.0000	1,018.0000
PASSION 1 FEDERAL COM PDK #5H	01/07/2015	135.3000	253.0000	1,000.0000
PASSION 1 FEDERAL COM PDK #5H	01/06/2015	122.7500	165.0000	962.0000
PASSION 1 FEDERAL COM PDK #5H	01/05/2015	262.9200	158.0000	1,014.0000
PASSION 1 FEDERAL COM PDK #5H	01/04/2015	0.0000	0.0000	131.0000
PASSION 1 FEDERAL COM PDK #5H	01/03/2015	0.0000	0.0000	0.0000
PASSION 1 FEDERAL COM PDK #5H	01/02/2015	0.0000	0.0000	0.0000
PASSION 1 FEDERAL COM PDK #5H	01/01/2015	25.1100	78.0000	268.0000
Monthly Average:		179.5523	174.8710	442.3548
PASSION 1 FEDERAL COM PDK #5H	12/31/2014	221.8300	142.0000	687.0000
PASSION 1 FEDERAL COM PDK #5H	12/30/2014	217.6000	118.0000	1,015.0000

Passion 1 Federal Com 5H  
Production Data

PASSION 1 FEDERAL COM PDK #5H	12/29/2014	137.3900	173.0000	902.0000
PASSION 1 FEDERAL COM PDK #5H	12/28/2014	164.5900	152.0000	1,102.0000
PASSION 1 FEDERAL COM PDK #5H	12/27/2014	96.2400	173.0000	996.0000
PASSION 1 FEDERAL COM PDK #5H	12/26/2014	156.2300	224.0000	1,992.0000
PASSION 1 FEDERAL COM PDK #5H	12/25/2014	89.2700	123.0000	2,001.0000
PASSION 1 FEDERAL COM PDK #5H	12/24/2014	0.0000	0.0000	2,485.0000
PASSION 1 FEDERAL COM PDK #5H	12/23/2014	0.0000	0.0000	2,242.0000
PASSION 1 FEDERAL COM PDK #5H	12/22/2014	0.0000	0.0000	2,614.0000
PASSION 1 FEDERAL COM PDK #5H	12/21/2014	0.0000	0.0000	2,465.0000
PASSION 1 FEDERAL COM PDK #5H	12/20/2014	0.0000	0.0000	2,571.0000
PASSION 1 FEDERAL COM PDK #5H	12/19/2014	0.0000	0.0000	2,755.0000
PASSION 1 FEDERAL COM PDK #5H	12/18/2014	5.5800	0.0000	2,464.0000
PASSION 1 FEDERAL COM PDK #5H	12/17/2014	53.0000	43.0000	1,346.0000
PASSION 1 FEDERAL COM PDK #5H	12/16/2014	302.6800	192.0000	1,950.0000
PASSION 1 FEDERAL COM PDK #5H	12/15/2014	429.6100	317.0000	1,603.0000
PASSION 1 FEDERAL COM PDK #5H	12/14/2014	496.5600	567.0000	1,427.0000
PASSION 1 FEDERAL COM PDK #5H	12/13/2014	464.4900	538.0000	1,496.0000
PASSION 1 FEDERAL COM PDK #5H	12/12/2014	431.0000	516.0000	1,511.0000
PASSION 1 FEDERAL COM PDK #5H	12/11/2014	456.1100	512.0000	1,582.0000
PASSION 1 FEDERAL COM PDK #5H	12/10/2014	410.0800	481.0000	1,679.0000
PASSION 1 FEDERAL COM PDK #5H	12/09/2014	411.7400	470.0000	1,741.0000
PASSION 1 FEDERAL COM PDK #5H	12/08/2014	343.2200	443.0000	1,807.0000
PASSION 1 FEDERAL COM PDK #5H	12/07/2014	153.4400	407.0000	1,874.0000
PASSION 1 FEDERAL COM PDK #5H	12/06/2014	131.1200	373.0000	2,036.0000
PASSION 1 FEDERAL COM PDK #5H	12/05/2014	265.2700	263.0000	2,114.0000
PASSION 1 FEDERAL COM PDK #5H	12/04/2014	232.9300	132.0000	2,271.0000
PASSION 1 FEDERAL COM PDK #5H	12/03/2014	104.8700	57.0000	2,289.0000
PASSION 1 FEDERAL COM PDK #5H	12/02/2014	0.0000	0.0000	2,510.0000
PASSION 1 FEDERAL COM PDK #5H	12/01/2014	0.0000	0.0000	2,648.0000
Monthly Average:		186.2855	206.9677	1,876.6129

New well hung on 11/25/14

COMMUNITIZATION AGREEMENT

WELL NAME: PASSION 1 FED COM PDK 5H

Contract No. \_\_\_\_\_

THIS AGREEMENT, entered into as of the date shown in Section 10 hereof by and between the parties subscribing, ratifying, or consenting hereto, such Parties being hereinafter referred to as "parties hereto."

WITNESSETH:

WHEREAS, the Act of February 25, 1920 (41 Stat. 437), as amended and supplemented, authorizes communitization or drilling agreements communitizing or pooling a Federal oil and gas lease, or any portion thereof, with other lands, whether or not owned by the United States, when separate tracts under such Federal lease cannot be independently developed and operated in conformity with an established well-spacing program for the field or area and such communitization or pooling is determined to be in the public interest; and

WHEREAS, the parties hereto own working, royalty or other leasehold interests, or operating rights under the oil and gas leases and lands subject to this agreement which cannot be independently developed and operated in conformity with the well-spacing program established for the field or area in which said lands are located; and

WHEREAS, the parties hereto desire to communitize and pool their respective mineral interests in lands subject to this agreement for the purpose of developing and producing communitized substances, in accordance with the terms and conditions of this agreement:

NOW, THEREFORE, in consideration of the premises and the mutual advantages to the parties hereto, it is mutually covenanted and agreed by and between the parties hereto as follows:

1. The lands covered by this agreement (hereinafter referred to as "communitized area") are described as follows and depicted on "Exhibit A":  
Township 17 South, Range 29 East, N.M.P.M.  
Section 1: N/2S/2  
Eddy County, New Mexico  
  
Containing 160.00 acres, and this agreement shall include only depths from the base of the San Andres formation down to 5000 feet within the Yeso Formation(s) underlying said lands and the crude oil and associated natural gas, hereinafter, referred to as "communitized substances", producible from such formation(s).
2. Attached hereto, and made a part of this agreement for all purposes, is Exhibit B, designating the operator of the communitized area and showing the acreage, percentage and ownership of oil and gas interests in all lands within the communitized area, and the authorization, if any, for communitizing or pooling any patented or fee lands within the communitized area.
3. All matters of operation shall be governed by the operator under and pursuant to the terms and provisions of this agreement. A successor operator may be designated by the owners of the working interest in the communitized area, and

three (3) executed copies of a designation of successor operator shall be filed with the Authorized Officer.

4. Operator shall furnish the Secretary of the Interior, or his authorized representative, with a log and history of any well drilled on the communitized area, monthly reports of operations, statements of oil and gas sales and royalties and such other reports as are deemed necessary to compute monthly the royalty due the United States, as specified in the applicable oil and gas regulations.
5. The communitized area shall be developed and operated as an entirety, with the understanding and agreement between the parties hereto that all communitized substances produced therefrom shall be allocated among the leaseholds comprising said area in the proportion that the acreage interest of each leasehold bears to the entire acreage interest committed to this agreement.

All proceeds, 8/8ths, attributed to unleased Federal, State or fee land included within the CA area are to be placed in an interest earning escrow or trust account by the designated operator until the land is leased or ownership is established.

6. The royalties payable on communitized substances allocated to the individual leases comprising the communitized area and the rentals provided for in said leases shall be determined and paid on the basis prescribed in each of the individual leases. Payments of rentals under the terms of leases subject to this agreement shall not be affected by this agreement except as provided for under the terms and provisions of said leases or as may herein be otherwise provided. Except as herein modified and changed, the oil and gas leases subject to this agreement shall remain in full force and effect as originally made and issued. It is agreed that for any Federal lease bearing a sliding- or step-scale rate of royalty, such rate shall be determined separately as to production from each communitization agreement to which such lease may be committed, and separately as to any noncommunitized lease production, provided, however, as to leases where the rate of royalty for gas is based on total lease production per day, such rate shall be determined by the sum of all communitized production allocated to such a lease plus any noncommunitized lease production.
7. There shall be no obligation on the lessees to offset any well or wells completed in the same formation as covered by this agreement on separate component tracts into which the communitized area is now or may hereafter be divided, nor shall any lessee be required to measure separately communitized substances by reason of the diverse ownership thereof, but the lessees hereto shall not be released from their obligation to protect said communitized area from drainage of communitized substances by a well or wells which may be drilled offsetting said area.
8. The commencement, completion, continued operation, or production of a well or wells for communitized substances on the communitized area shall be construed and considered as the commencement, completion, continued operation, or production on each and all of the lands within and comprising said communitized area, and operations or production pursuant to this agreement shall be deemed to be operations or production as to each lease committed hereto.
9. Production of communitized substances and disposal thereof shall be in conformity with allocation, allotments, and quotas made or fixed by any duly authorized person or regulatory body under applicable Federal or State statutes. This agreement shall be subject to all applicable Federal and State laws or

executive orders, rules and regulations, and no party hereto shall suffer a forfeiture or be liable in damages for failure to comply with any of the provisions of this agreement if such compliance is prevented by, or if such failure results from, compliance with any such laws, orders rules or regulations.

10. The effective date of this agreement is October 1, 2014, and it shall become effective as of this date or from the onset of production of communitized substances, whichever is earlier upon execution by the necessary parties, notwithstanding the date of execution, and upon approval by the Secretary of the Interior or by his duly authorized representative, and shall remain in force and effect for a period of 2 years and for as long as communitized substances are, or can be, produced from the communitized area in paying quantities: Provided, that prior to production in paying quantities from the communitized area and upon fulfillment of all requirements of the Secretary of the Interior, or his duly authorized representative, with respect to any dry hole or abandoned well, this agreement may be terminated at any time by mutual agreement of the parties hereto. This agreement shall not terminate upon cessation of production if, within 60 days thereafter, reworking or drilling operations on the communitized area are commenced and are thereafter conducted with reasonable diligence during the period of nonproduction. The 2-year term of this agreement will not in itself serve to extend the term of any Federal lease which would otherwise expire during said period.
11. The covenants herein shall be construed to be covenants running with the land with respect to the communitized interests of the parties hereto and their successors in interests until this agreement terminates and any grant, transfer, or conveyance of any such land or interest subject hereto, whether voluntary or not, shall be and hereby is conditioned upon the assumption of all obligations hereunder by the grantee, transferee, or other successor in interest, and as to Federal land shall be subject to approval by the Secretary of the Interior, or his duly authorized representative.
12. It is agreed between the parties hereto that the Secretary of the Interior, or his duly authorized representative, shall have the right of supervision over all fee and State mineral operations within the communitized area to the extent necessary to monitor production and measurement, and assure that no avoidable loss of hydrocarbons occurs in which the United States has an interest pursuant to applicable oil and gas regulations of the Department of the Interior relating to such production and measurement.
13. This agreement shall be binding upon the parties hereto and shall extend to and be binding upon their respective heirs, executors, administrators, successors, and assigns.
14. This agreement may be executed in any number of counterparts, no one of which needs to be executed by all parties, or may be ratified or consented to by separate instrument, in writing, specifically referring hereto, and shall be binding upon all parties who have executed such a counterpart, ratification or consent hereto with the same force and effect as if all parties had signed the same document.

IN WITNESS WHEREOF, the parties hereto have executed this agreement as of the day and year first above written and have set opposite their respective names the date of execution.

**Operator, Working Interest Owner,  
Overriding Royalty Owner, & Record Title  
Owner:**

COG Operating LLC

By: Mona D. Ables *DUC*  
Mona D. Ables  
Vice President of Land

**Record Title Owner & Overriding Royalty  
Owner:**

Concho Oil & Gas LLC

By: Mona D. Ables *DUC*  
Mona D. Ables  
Vice President of Land

**Overriding Royalty Owners:**

Gretchen B. Nearburg

By: \_\_\_\_\_

Joan L. Ingram

By: \_\_\_\_\_

Leland Price, Inc.

By: \_\_\_\_\_

Mary Carolyn Johnston, as her separate property

By: \_\_\_\_\_

RRA Minerals, LLC

By: \_\_\_\_\_

John Bedingfield

By: \_\_\_\_\_

Root Family Holdings, LLC.

By: \_\_\_\_\_

Petco Limited

By: \_\_\_\_\_

Herbert E. Lowrey, as Co-Trustee of the  
Lowrey Revocable Trust created under a Trust  
Agreement dated December 18, 1992

By: \_\_\_\_\_

Alice S. Lowrey, as Co-Trustee of the Lowrey  
Revocable Trust created under a Trust  
Agreement dated December 18, 1992

By: \_\_\_\_\_

Peggy Runyan

By: 

Charles E. Moser, as Co-Trustee of the Moser Revocable Trust u/a/d December 21, 1989, as amended

By: \_\_\_\_\_

Vicky J. Moser, as Co-Trustee of the Moser Revocable Trust u/a/d December 21, 1989, as amended

By: \_\_\_\_\_

ACKNOWLEDGEMENTS

STATE OF TEXAS )  
 )  
COUNTY OF MIDLAND )

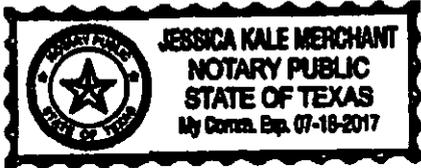
This instrument was acknowledged before me on March 24, 2014, by Mona D. Ables, Vice President of Land, COG Operating LLC, a Delaware limited liability company, on behalf of same.



Jessica Kale Merchant  
Notary Public

STATE OF TEXAS )  
 )  
COUNTY OF MIDLAND )

This instrument was acknowledged before me on March 24, 2014, by Mona D. Ables, Vice President of Land, Concho Oil & Gas LLC, a Texas limited liability company, on behalf of same.



Jessica Kale Merchant  
Notary Public

STATE OF \_\_\_\_\_ )  
 )  
COUNTY OF \_\_\_\_\_ )

This instrument was acknowledged before me on \_\_\_\_\_, 2014, by Gretchen B. Nearburg.

\_\_\_\_\_  
Notary Public

STATE OF \_\_\_\_\_ )  
 )  
COUNTY OF \_\_\_\_\_ )

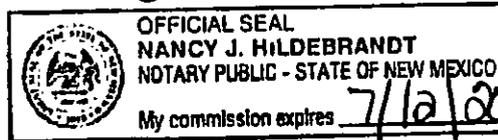
This instrument was acknowledged before me on \_\_\_\_\_, 2014, by \_\_\_\_\_, as \_\_\_\_\_, of Leland Price, Inc., on behalf of same.

\_\_\_\_\_  
Notary Public

STATE OF New Mexico )  
COUNTY OF Chaves )

This instrument was acknowledged before me on 5/13, 2014, by Joan L. Ingram.

Nancy J. Hildebrandt  
Notary Public



STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ )

This instrument was acknowledged before me on \_\_\_\_\_, 2014, by \_\_\_\_\_, as \_\_\_\_\_, of RRA Minerals, LLC, on behalf of same.

\_\_\_\_\_  
Notary Public

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ )

This instrument was acknowledged before me on \_\_\_\_\_, 2014, by Mary Carolyn Johnston.

\_\_\_\_\_  
Notary Public

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ )

This instrument was acknowledged before me on \_\_\_\_\_, 2014, by \_\_\_\_\_, as \_\_\_\_\_, of Root Family Holdings, LLC, on behalf of same.

\_\_\_\_\_  
Notary Public

STATE OF New Mexico )  
COUNTY OF Eddy . )

This instrument was acknowledged before me on June 24, 2014, by John Bedingfield.

Jerry Z Beck  
Notary Public

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ )

This instrument was acknowledged before me on \_\_\_\_\_, 2014, by \_\_\_\_\_, as \_\_\_\_\_, of Petco Limited, on behalf of same.

\_\_\_\_\_  
Notary Public

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ )

This instrument was acknowledged before me on \_\_\_\_\_, 2014, by \_\_\_\_\_, as Co-Trustee of the Lowery Revocable Trust created under a Trust Agreement dated December 18, 1992.

\_\_\_\_\_  
Notary Public

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ )

This instrument was acknowledged before me on \_\_\_\_\_, 2014, by \_\_\_\_\_, as Co-Trustee of the Lowery Revocable Trust created under a Trust Agreement dated December 18, 1992.

\_\_\_\_\_  
Notary Public

STATE OF \_\_\_\_\_ )  
 )  
COUNTY OF \_\_\_\_\_ )

This instrument was acknowledged before me on \_\_\_\_\_, 2014, by Peggy Runyan.

\_\_\_\_\_  
Notary Public

STATE OF TX )  
 )  
COUNTY OF Comal )

This instrument was acknowledged before me on May 2, 2014, by Charles E. Moser, as Co-Trustee of the Moser Revocable Trust u/a/d December 21, 1989, as



Brittany Kindla  
Notary Public

STATE OF TX )  
 )  
COUNTY OF Comal )

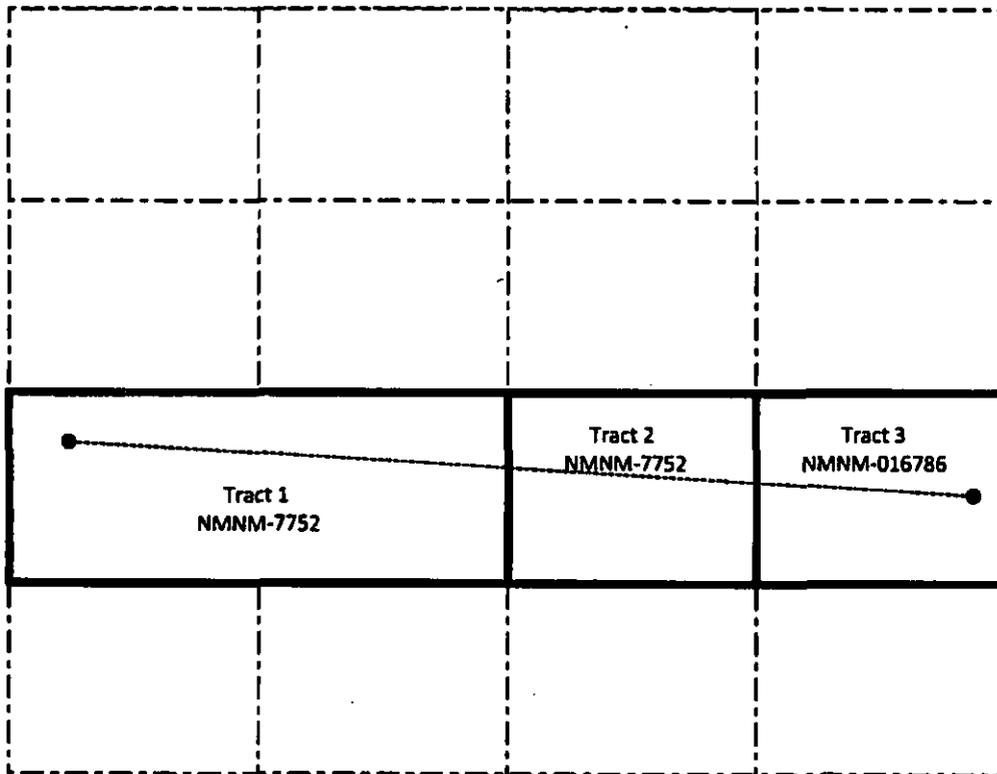
This instrument was acknowledged before me on May 2, 2014, by Vicki J. Moser, as Co-Trustee of the Moser Revocable Trust u/a/d December 21, 1989, as amended.



Brittany Kindla  
Notary Public

**EXHIBIT A**

**To Communitization Agreement dated October 1, 2014, embracing  
the N/2 S/2 of Section 1, Township 17 South, Range 29 East, N.M.P.M., Eddy County,  
New Mexico**



**EXHIBIT B**

To Communitization Agreement dated October 1, 2014, embracing  
the N/2 S/2 of Section 1, Township 17 South, Range 29 East, N.M.P.M., Eddy County, New Mexico

**OPERATOR OF COMMUNITIZED AREA:** COG Operating LLC

**DESCRIPTION OF LEASES COMMITTED:**

**TRACT 1:**

<b>Lessor:</b>	United States of America	
<b>Original Lessee:</b>	Louis J. Root	
<b>Owner of Record Title:</b>	COG Operating LLC	100.0000%
<b>Serial Number of Lease</b>	NM-7752	
<b>Lease Date:</b>	December 31, 1938	
<b>Primary Term of Lease:</b>	5 years	
<b>Basic Royalty Rate:</b>	Step Scale Royalty Base 12.5%	
<b>Description of Land Committed:</b>	Insofar as said lease covers <u>Township 17 South, Range 29 East</u> Section 1: N/2SW/4	
<b>Number of Acres:</b>	Containing 80.00 acres, more or less	
<b>Name of Each Working Interest Owner:</b>	COG Operating LLC	100.0000%
<b>Name of Each Overriding Royalty Interest Owner:</b>	Heirs of Kate G. Lowrey	1.00000%
	RRA Minerals, LLC	0.12500%
	Mary Carolyn Johnston	0.12500%
	Root Family Holdings, LLC	6.25000%
	Peggy Runyan	2.50000%
	Charles E. Moser and Vicky J. Moser, Trustees of the Moser Revocable Trust u/a/d December 21, 1989, as amended	2.50000%

**TRACT 2:**

<b>Lessor:</b>	United States of America	
<b>Original Lessee:</b>	Louis J. Root	
<b>Owner of Record Title:</b>	COG Operating LLC	100.0000%
<b>Serial Number of Lease</b>	NM-7752	
<b>Lease Date:</b>	December 31, 1938	
<b>Primary Term of Lease:</b>	5 years	

<b>Basic Royalty Rate:</b>	Step Scale Royalty Base 12.5%	
<b>Description of Land Committed:</b>	Insofar as said lease covers <u>Township 17 South, Range 29 East</u> Section 1: NW/4SE/4	
<b>Number of Acres:</b>	Containing 40.00 acres, more or less	
<b>Name of Each Working Interest Owner:</b>	COG Operating LLC	100.0000%
<b>Name of Each Overriding Royalty Interest Owner:</b>	COG Operating LLC	1.26667%
	Concho Oil & Gas LLC	0.06667%
	Herbert Lowery and Alice S. Lowery, Co-Trustees of the Lowery Revocable Trust created w/t/a dated 12/18/1992	1.00000%
	RRA Minerals, LLC	0.12500%
	Mary Carolyn Johnston	0.12500%
	Root Family Holdings, LLC	6.25000%
	Leland Price, Inc.	2.00000%
	John Bedingfield	0.66667%
	Petco Limited	0.66667%
	Gretchen B. Nearburg	0.16666%
	Joan L. Ingram	0.16666%

**TRACT 3:**

<b>Lessor:</b>	United States of America	
<b>Original Lessee:</b>	Stanolind Oil and Gas Company	
<b>Owner of Record Title:</b>	COG Operating LLC	95.0000%
	Concho Oil & Gas LLC	5.0000%
<b>Serial Number of Lease</b>	NM-016786	
<b>Lease Date:</b>	February 1, 1955	
<b>Primary Term of Lease:</b>	5 years	
<b>Basic Royalty Rate:</b>	Step Scale Royalty Base 12.5%	
<b>Description of Land Committed:</b>	Insofar as said lease covers <u>Township 17 South, Range 29 East</u> Section 1: NE/4SE/4	
<b>Number of Acres:</b>	Containing 40.00 acres, more or less	
<b>Name of Each Working Interest Owner:</b>	COG Operating LLC	100.0000%
<b>Name of Each Overriding Royalty Interest Owner:</b>	None.	

RECAPITULATION

Tract numbers	Number of Acres Committed	Percentage of Interest in Communitized Area
Tract No. 1	80.00	50.00%
Tract No. 2	40.00	25.00%
Tract No. 3	<u>40.00</u>	<u>25.00%</u>
Total:	160.00	100.00%