

DATE IN 9/17/2014	SUSPENSE	ENGINEER MAM	LOGGED IN 9/17/2014	TYPE CTD	APP NO. PMAM1426054820
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ABOVE THIS LINE FOR DIVISION USE ONLY

need
production

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]

CTB 731

- [1] **TYPE OF APPLICATION** - Check Those Which Apply for [A] Noose Fed #1 30-015-35416
 [A] Location - Spacing Unit - Simultaneous Dedication Noose Fed #4H 30-015-36537
☐ NSL ☐ NSP ☐ SD Noose Fed Com #5H 30-015-21066
Noose Fed Com #7H 30-015-37285
Noose Fed Com #8H 30-015-37284

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement

☐ DHC ☒ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

COG operations, LLC
229137

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery

☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

POV

[D] Other: Specify _____

N. Seven Rivers
Glenn et al yes
97565

- [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
Print or Type Name

Signature

Lead Regulatory Analyst 07/28/14
Title Date

kcastillo@concho.com
e-mail Address



September 15, 2014

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

Re: Surface Commingle on our Moose Federal Com Lease

Mr. McMillian,

COG Operating LLC respectfully requests approval for Surface Commingle on our Moose Federal Com Lease. This lease will have two battery locations needing Surface Commingling approvals.

RECEIVED 200

2014 SEP 17 P 3:07

Noose Federal Com 1 Eddy County, NM API # 30-015-35416 Communitization Agreement # Pending Surface: 1650 FNL & 1650 FEL, Sec 35, T19S, R25E, Unit G	Noose Federal Com 4H Eddy County, NM API # 30-015-36537 Communitization Agreement # Pending Surface: 330 FNL & 485 FWL, Sec 35, T19S, R25E, Unit D
Noose Federal Com 5H (Battery Location) Eddy County, NM API #: 30-015-21066 Communitization Agreement # Pending Surface: 1980 FNL & 1980 FWL Sec 35, T19S, R25E, Unit F	Noose Federal Com 7H Eddy County, NM API #: 30-015-37285 Communitization Agreement # Pending Surface: 330 FNL & 1880 FEL Sec 35, T19S, R25E, Unit B
Noose Federal Com 8H Eddy County, NM API # 30-015-37284 Communitization Agreement # Pending Surface: 430 FNL & 390 FEL Sec 35, T19S, R25E, Unit A	
Noose Federal Com 2H Eddy County, NM API # 30-015-41384 Communitization Agreement # Pending Surface: 150 FSL & 1040 FWL Sec 35, T19S, R25E, Unit M	Noose Federal Com 6H Eddy County, NM API # 30-015-37163 Communitization Agreement # Pending Surface: 330 FSL & 430 FWL Sec 35, T19S, R25E, Unit M
Noose Federal Com 9H Eddy County, NM API #: 30-015-42384 Communitization Agreement # Pending Surface: 150 FSL & 1590 FWL Sec 35, T19S, R25E, Unit N	Noose Federal Com 10H (Battery Location) Eddy County, NM API #: 30-015-42500 Communitization Agreement # Pending Surface: 170 FSL & 2550 FEL Sec 35, T19S, R25E, Unit O
Noose Federal Com 11H Eddy County, NM API # 30-015-42501 Communitization Agreement # Pending Surface: 150 FSL & 1130 FEL Sec 35, T19S, R25E, Unit P	

Currently we have several battery facilities and would like to consolidate into two new facilities. Consolidating our battery facilities to two will extend the economic life for these wells and lessen surface disturbance. We will allocate production using the well test method for both battery facilities. Commingling will not reduce the value of production. We are waiting approval on a section wide Communitization Agreement from the BLM. There is only one interest owner that has diverse ownership and he has agreed to commingle using the test method. His waiver is attached.

These wells will be producing from the North Seven Rivers; Glorieta-Yeso, 97565. I have attached a diagram of the battery facility, and a map showing all well and facility locations, admin checklist, and notice to all interest owners.

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

Sincerely,

Kanicia Castillo
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. N. Seven Rivers;Glorieta-Yeso, 97565

(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) Test 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: _____

TITLE: Lead Regulatory Analyst

DATE: 7/25/14

TYPE OR PRINT NAME Kanicia Castillo

TELEPHONE NO.: 432-685-4332

E-MAIL ADDRESS: kcastillo@concho.com

DISTRICT I

1400 N. FRANK DR., HOBBS, NM 88240

DISTRICT II

1201 V. GRAND AVENUE, ALBUQUERQUE, NM 87102

DISTRICT III

1000 Rio Brazos Rd., Artes, NM 87410

DISTRICT IV

1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico

Energy, Minerals and Natural Resources Department

NOV 2 2006

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Name
	97565 3070	North Seven Rivers; Gloriosa-1230
Property Code	Property Name	Well Number
	NOOSE FEDERAL	1
OGED No.	Operator Name	Elevation
14049	MARBOB ENERGY CORPORATION	3478'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	35	19-S	25-E		1650	NORTH	2310	EAST	EDDY

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
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						
40									

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

GEODETIC COORDINATES NAD 27 NME Y=589173.9 N X=462897.6 E LAT.=32.619685° N LONG.=104.453838° W	OPERATOR CERTIFICATION I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Nancy T. Agnew</i> 12/6/06 Signature Date Nancy T. Agnew Printed Name SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. NOVEMBER 3, 2006 Date Surveyed JR Signature <i>GARY E. EDSON</i> Professional Surveyor <i>GARY E. EDSON</i> 11/7/06 06.11.1487 Certificate No. GARY EDSON 12841
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State of New Mexico

Energy, Minerals and Natural Resources Department

DISTRICT I

1200 N. FRANKLIN DR., ALBUQUERQUE, NM 87102

DISTRICT II

1201 N. GRAND AVENUE, ALBUQUERQUE, NM 87102

DISTRICT III

1000 E. BRASAS RD., ALBUQUERQUE, NM 87102

DISTRICT IV

1200 N. ST. FRANCIS DR., SANTA FE, NM 87505

OIL CONSERVATION DIVISION

1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

FEB 25 2008

Form C-102

Revised October 12, 2005
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WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code 97565	Pool Name NORTH SEVEN RIVERS; GLORIETA-YESO
Property Code	Property Name NOOSE FEDERAL	Well Number 4 H
GRID No. 14049	Operator Name MARBOB ENERGY CORPORATION	Elevation 3507'

Surface Location

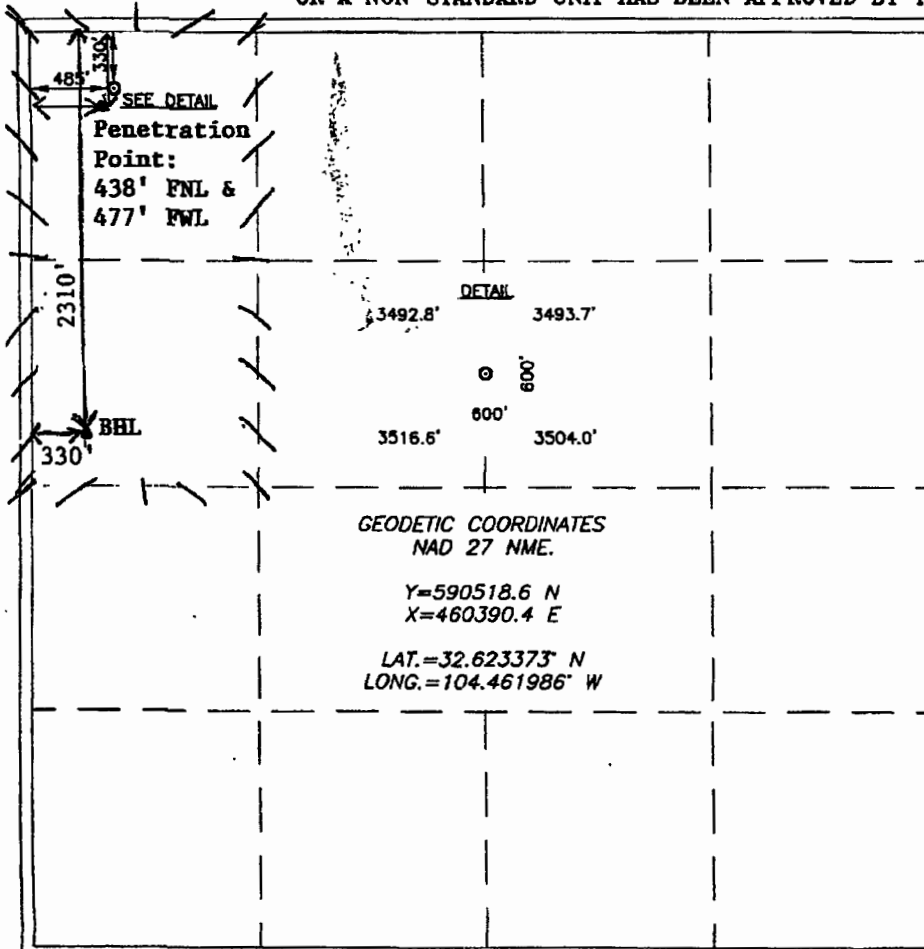
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	35	19-S	25-E		330	NORTH	485	WEST	EDDY

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
E	35	19-S	25-E		2310	NORTH	330	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
80			

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



OPERATOR CERTIFICATION

I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Nancy Agnew 3/3/08
Signature Date

Nancy Agnew
Printed Name

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

FEBRUARY 8, 2008
Date Surveyed DSS
Signature & Seal of Professional Surveyor
Ronald J. Kidson 2/26/08
08.11.0072

Certificate No. GARY G. KIDSON 12841
RONALD J. KIDSON 3239

DISTRICT I

1625 N. FRENCH DR., ROSWELL, NM 86240

DISTRICT II

1901 W. GRAND AVENUE, ALBUQUERQUE, NM 86210

DISTRICT III

1000 Rio Brazos Rd., Arteson, NM 87410

DISTRICT IV

1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

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WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-21066	Pool Code 97565	Pool Name North Seven Rivers; Glorieta-Yeso
Property Code 36300	Property Name NOOSE FEDERAL	Well Number 5
OGRID No. 14049	Operator Name MARBOB ENERGY CORPORATION	Elevation 3506'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	35	19-S	25-E		1980	NORTH	1980	WEST	EDDY

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
N	35	19-S	25-E		330'	South	1980'	West	Eddy

Dedicated Acres 120	Joint or Infill	Consolidation Code	Order No.
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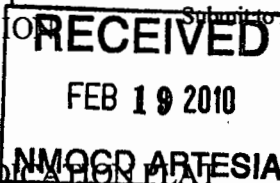
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	OPERATOR CERTIFICATION I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Nancy T. Agnew</i> 1/27/09 Signature Date Nancy T. Agnew Printed Name SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. FEBRUARY 8, 2008 Date Surveyed DSS <i>Ronald J. Eidson</i> Signature & Seal of Professional Surveyor 08.11.0073 Certificate No. GARY G. EIDSON 12641 RONALD J. EIDSON 3239
--	--

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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 October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies



☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-37285		² Pool Code 97565	³ Pool Name North Seven Rivers; Glorieta-Yeso
⁴ Property Code 37802	⁵ Property Name Noose Federal Com		⁶ Well Number 7H
⁷ OGRID No. 14049	⁸ Operator Name Marbob Energy Corporation		⁹ Elevation 3476'

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
B	35	19S	25E		330	North	1880	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
O	35	19S	25E		343	South	1941	East	Eddy

¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
--------------------------------------	-------------------------------	----------------------------------	-------------------------

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

16		1880'	¹⁷ OPERATOR CERTIFICATION 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. Signature Date 2/18/10 Stormi Davis Production Assistant Printed Name
			¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey Signature and Seal of Professional Surveyor REFER TO ORIGINAL PLAT Certificate Number
			1941'

DISTRICT I
1625 N. FRANCH DR., ROSAS, NM 88240

DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-37284	Pool Code 97565	Pool Name North Seven Rivers; Glorieta-Yeso
Property Code 308751	Property Name NOOSE FEDERAL COM	Well Number 8H
OGUID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3456'

Surface Location

UL or lot No.	Section	Township	Range	Lot Id	Feet from the	North/South line	Feet from the	East/West line	County
A	35	19-S	25-E		430	NORTH	390	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Id	Feet from the	North/South line	Feet from the	East/West line	County
P	35	19-S	25-E		347	SOUTH	677	EAST	EDDY
Dedicated Acres 160	Joint or Infill	Consolidation Code	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

RECEIVED FEB 07 2011 NMOCD ARTESIA	DETAIL 3461.3' 3453.8' 800' 3463.6' 3454.4'	SEE DETAIL S.L. 430' 390'	OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: <u>Chasity Jackson</u> Date: <u>1/17/11</u> Printed Name: <u>Chasity Jackson</u>
	GEODEIC COORDINATES NAD 27 NME SURFACE LOCATION Y=590376.1 N X=464814.8 E LAT.=32.622995° N LONG.=104.447615° W	430' S.L. 390'	
	BOTTOM HOLE LOCATION Y=585848.3 N X=464531.1 E	HORIZ. DIST. = 457.9' GRID AZ = 163.3507°	



Sent Certified Mail
Return Receipt: 91 7199 9991 7033 9258 7042

August 12, 2014

Featherstone Development Corporation
Prospector, LLC
Parrot Head Properties, LLC
Big Three Energy Group, LLC
P.O. Box 429
Roswell, NM 88202-0429

RE: Request for Surface Commingle

Mr. Featherstone,

This letter will serve as notice under Rule 104.F (3) that COG Operating LLC has requested administrative approval from the Oil Conservation Division in Santa Fe, NM for Surface Commingle of production, allocating using well test method, from the following wells to the Moose Federal Com 5H Central Tank Battery:

Moose Federal 1
Eddy County, NM
Surface: 1650' FNL & 2310' FEL, Sec. 35
T19S, R25E, Unit G
N. Seven Rivers; Gloriet-Yeso, 97565
API# 30-015-35416

Moose Federal 4H
Eddy County, NM
Surface: 330' FNL & 485' FWL, Sec. 35
T19S, R25E, Unit D
N. Seven Rivers; Gloriet-Yeso, 97565
API# 30-015-36537

Moose Federal Com 5H
Eddy County, NM
Surface: 1980' FNL & 1980' FWL, Sec 35
T19S, R25E, Unit F
N. Seven Rivers; Gloriet-Yeso, 97565
API# 30-015-21066

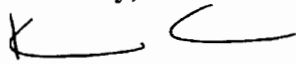
Moose Federal 7H
Eddy County, NM
Surface: 330' FNL & 1880' FEL, Sec 35
T18S, R25E, Unit B
N. Seven Rivers; Gloriet-Yeso, 97565
API# 30-015-37285

Moose Federal 8H
Eddy County, NM
Surface: 430' FNL & 390' FEL, Sec 35
T19S, R25E, Unit A
N. Seven Rivers; Gloriet-Yeso, 97565
API# 30-015-37284

A copy of the application is attached for your reference. Should you, or your company, have any objection, it must be filed in writing within twenty (20) days from the date of

this notice to the New Mexico Oil Conservation Division at the following address: 1220 S St. Francis Drive, Santa Fe, New Mexico 87505. The Division Director may approve the Surface Commingle if no objection has been made within the 20 days after the application has been received. Please do not hesitate to reach us with any questions at the phone number given below.

Sincerely,



Kanicia Castillo

432.685.4332

Lead Regulatory Analyst

COG Operating LLC

July 24, 2014
Page Two

COG OPERATING LLC
RECEIVED
JUL 30 2014

<u>Battery</u>	<u>Well</u>	<u>Interest of Big Three Energy Group, LLC</u>
Noose Fed Com #5H Battery	Noose Fed #1	2.00%
	Noose Fed #4H	2.00%
	Noose Fed Com #5H	1.33%
	Noose Fed Com #7H	1.50%
	Noose Fed Com #8H	1.50%
Noose Fed Com #10H Battery	Noose Fed Com #2H	1.50%
	Noose Fed #6H	1.00%
	Noose Fed Com #9H	1.50%
	Noose Fed Com #10H	1.50%
	Noose Fed Com #11H	1.50%

Enclosed is a summary of the Test Method Allocation. COG respectfully requests you indicate your approval by signing below and returning a copy to this office.

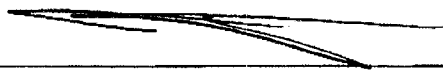
If you have any questions, please do not hesitate to contact the undersigned at 432-685-4354 or sdirks@concho.com.

Yours Truly,

COG Operating LLC


Stuart A. Dirks, CPL
Senior Landman

Big Three Energy Group, LLC hereby consents to the surface comingling and to the use of the Test Method for allocation for the above listed wells.



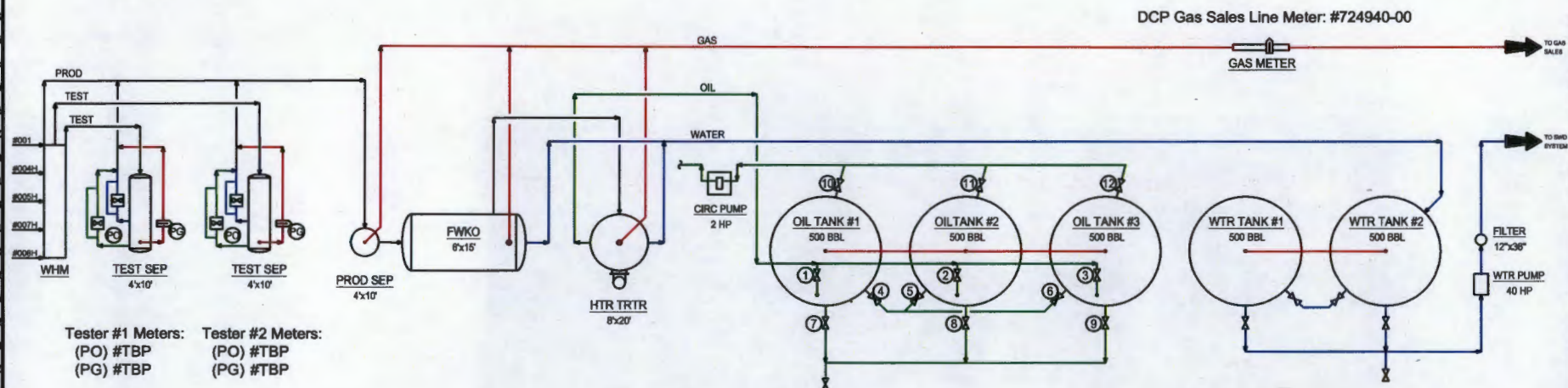
Olen F. Featherstone III
Managing Member

Date: 7/25/14

WELLS:
 NOOSE FEDERAL #001, API#: 30-015-35416
 NOOSE FEDERAL #004H, API#: 30-015-36537
 NOOSE FEDERAL COM #005H, API#: 30-015-21066
 NOOSE FEDERAL COM #007H, API#: 30-015-37285
 NOOSE FEDERAL COM #008H, API#: 30-015-37284

- 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



**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: —

REFERENCE NUMBER		REVISION				ENVIRONMENTAL RECORD			
NO.	FILE	REL.	DATE	DESCRIPTION	SY	CHL.	APP.	SY	DATE
		A	05/01/75	BRINE FOR SITE FORTIFICATION	CHL			CHL	05/01/75
		B	05/01/74	UPDATES FOR BRINE FOR CHL IN CITY	CHL			CHL	05/01/75
COG OPERATING LLC 800 WEST ELMORE AVENUE MIDLAND, TEXAS 79701									

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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.
NMNM111946

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

8. Well Name and No.

NOOSE FEDERAL COM 5H

2. Name of Operator
COG OPERATING LLCContact: KANICIA CASTILLO
E-Mail: kcastillo@concho.com9. API Well No.
30-015-210663a. Address
ONE CONCHO CENTER 600 W ILLINOIS AVE
MIDLAND, TX 797013b. Phone No. (include area code)
Ph: 432-685-433210. Field and Pool, or Exploratory
SEVEN RIVERS;YESO

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 35 T19S R25E Mer NMP 1980FNL 1980FWL

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			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Surface Commingling
	☐ Convert to Injection	☐ Plug Back	☐ 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 recompleat 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 recompleat 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 to surface commingle the follwing wells. We are currently waiting on CA approval but we will need commingle approval for state requirements.

Noose Federal Com 1
Eddy County, NM
API # 30-015-35416
Surface: 1650 FNL & 1650 FEL, Sec 35, T19S, R25E, Unit G

Noose Federal Com 4H
Eddy County, NM
API # 30-015-36537
Surface: 330 FNL & 485 FWL, Sec 35, T19S, R25E, Unit D

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #263703 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 09/15/2014

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 #263703 that would not fit on the form

32. Additional remarks, continued

Noose Federal Com 5H (Battery Location)
Eddy County, NM
API #: 30-015-21066
Surface: 1980 FNL & 1980 FWL Sec 35, T19S, R25E, Unit F

Noose Federal Com 7H
Eddy County, NM
API #: 30-015-37285
Surface: 330 FNL & 1880 FEL Sec 35, T19S, R25E, Unit B

Noose Federal Com 8H
Eddy County, NM
API # 30-015-37284
Surface: 430 FNL & 390 FEL Sec 35, T19S, R25E, Unit A

Attached is a copy of the State application.

Noose Federal #1
Production Data

Daily Prod Entity Name	Prod Date	Oil Volume	Gas Volume	Water Volume
NOOSE FEDERAL #1	06/30/2014	2.8700	1.0400	2.9600
NOOSE FEDERAL #1	06/29/2014	2.7700	0.9600	2.3200
NOOSE FEDERAL #1	06/28/2014	2.8300	0.9500	2.2800
NOOSE FEDERAL #1	06/27/2014	2.7000	0.9400	2.5300
NOOSE FEDERAL #1	06/26/2014	2.8300	0.9800	1.7500
NOOSE FEDERAL #1	06/25/2014	2.8700	0.9300	2.5900
NOOSE FEDERAL #1	06/24/2014	2.5100	0.8100	2.0400
NOOSE FEDERAL #1	06/23/2014	3.0200	0.8200	1.7100
NOOSE FEDERAL #1	06/22/2014	2.8300	0.9800	3.6600
NOOSE FEDERAL #1	06/21/2014	2.5900	0.8500	1.8800
NOOSE FEDERAL #1	06/20/2014	2.3800	0.9000	4.2200
NOOSE FEDERAL #1	06/19/2014	2.6800	0.8400	5.2600
NOOSE FEDERAL #1	06/18/2014	2.8200	0.0900	2.0200
NOOSE FEDERAL #1	06/17/2014	2.5000	0.0900	2.1500
NOOSE FEDERAL #1	06/16/2014	0.2500	0.0900	0.3600
NOOSE FEDERAL #1	06/15/2014	2.9300	2.6600	3.3900
NOOSE FEDERAL #1	06/14/2014	2.8500	0.6600	1.8900
NOOSE FEDERAL #1	06/13/2014	2.5500	0.5600	1.2500
NOOSE FEDERAL #1	06/12/2014	2.5300	0.5500	1.6800
NOOSE FEDERAL #1	06/11/2014	3.0400	0.6400	1.8800
NOOSE FEDERAL #1	06/10/2014	2.9800	0.6100	2.0700
NOOSE FEDERAL #1	06/09/2014	3.2700	0.7000	2.0900
NOOSE FEDERAL #1	06/08/2014	3.0500	0.6800	1.5800
NOOSE FEDERAL #1	06/07/2014	3.0100	0.7100	2.0000
NOOSE FEDERAL #1	06/06/2014	3.1600	0.7000	2.0600
NOOSE FEDERAL #1	06/05/2014	2.9800	0.7100	2.0800
NOOSE FEDERAL #1	06/04/2014	2.9600	0.6800	1.7600
NOOSE FEDERAL #1	06/03/2014	3.1400	0.6700	1.9700
NOOSE FEDERAL #1	06/02/2014	2.9700	0.6800	1.8400
NOOSE FEDERAL #1	06/01/2014	3.1400	0.7000	2.1100
Monthly Average:		2.7670	0.7727	2.2460
NOOSE FEDERAL #1	05/31/2014	2.9600	0.7000	1.9800
NOOSE FEDERAL #1	05/30/2014	3.1500	0.6900	2.1000
NOOSE FEDERAL #1	05/29/2014	3.2100	0.7800	3.1500
NOOSE FEDERAL #1	05/28/2014	3.2700	0.7000	3.2700
NOOSE FEDERAL #1	05/27/2014	3.5500	0.6800	2.6700
NOOSE FEDERAL #1	05/26/2014	3.0700	0.6900	2.1700
NOOSE FEDERAL #1	05/25/2014	2.6400	0.6700	1.7400
NOOSE FEDERAL #1	05/24/2014	2.6900	0.7400	1.8700
NOOSE FEDERAL #1	05/23/2014	2.7200	0.7800	1.6800
NOOSE FEDERAL #1	05/22/2014	2.8000	0.6800	1.7700
NOOSE FEDERAL #1	05/21/2014	2.6500	0.7100	1.4300
NOOSE FEDERAL #1	05/20/2014	2.9000	0.6900	1.9800
NOOSE FEDERAL #1	05/19/2014	3.0800	0.6900	2.1300
NOOSE FEDERAL #1	05/18/2014	2.9000	0.6700	2.6100
NOOSE FEDERAL #1	05/17/2014	2.9100	0.6800	2.2000
NOOSE FEDERAL #1	05/16/2014	2.8700	0.6900	2.0800
NOOSE FEDERAL #1	05/15/2014	2.9800	0.6700	1.9900
NOOSE FEDERAL #1	05/14/2014	2.9500	0.7100	2.1100
NOOSE FEDERAL #1	05/13/2014	2.8600	0.7000	1.9900
NOOSE FEDERAL #1	05/12/2014	2.8700	0.6800	2.4600
NOOSE FEDERAL #1	05/11/2014	3.0200	0.6800	2.1100
NOOSE FEDERAL #1	05/10/2014	3.0500	0.6800	2.0400
NOOSE FEDERAL #1	05/09/2014	3.2500	0.6700	1.9200
NOOSE FEDERAL #1	05/08/2014	3.5600	0.8600	2.9300
NOOSE FEDERAL #1	05/07/2014	2.8500	0.6600	1.7900
NOOSE FEDERAL #1	05/06/2014	2.9700	0.6800	1.8900
NOOSE FEDERAL #1	05/05/2014	19.6800	10.5200	0.5000
NOOSE FEDERAL #1	05/04/2014	1.2900	0.9700	0.0000

Noose Federal #1
Production Data

NOOSE FEDERAL #1	05/03/2014	1.8600	1.0300	0.6300
NOOSE FEDERAL #1	05/02/2014	1.1700	0.6500	1.1700
NOOSE FEDERAL #1	05/01/2014	0.7100	0.4200	0.5600
Monthly Average:		3.3045	1.0265	1.9006
NOOSE FEDERAL #1	04/30/2014	0.7600	0.5300	0.4300
NOOSE FEDERAL #1	04/29/2014	0.1900	0.4200	0.0000
NOOSE FEDERAL #1	04/28/2014	2.1900	0.8300	0.0000
NOOSE FEDERAL #1	04/27/2014	1.9700	1.0100	1.6300
NOOSE FEDERAL #1	04/26/2014	0.2300	0.1900	0.0000
NOOSE FEDERAL #1	04/25/2014	1.5200	0.6900	0.6800
NOOSE FEDERAL #1	04/24/2014	0.2300	0.1800	0.0600
NOOSE FEDERAL #1	04/23/2014	1.4300	0.7600	1.0200
NOOSE FEDERAL #1	04/22/2014	1.6300	0.8500	1.3900
NOOSE FEDERAL #1	04/21/2014	1.9100	0.9900	1.9500
NOOSE FEDERAL #1	04/20/2014	1.9700	0.9700	1.9600
NOOSE FEDERAL #1	04/19/2014	2.9000	1.1700	2.1600
NOOSE FEDERAL #1	04/18/2014	1.4600	0.2700	0.7300
NOOSE FEDERAL #1	04/17/2014	1.7600	0.3500	0.9900
NOOSE FEDERAL #1	04/16/2014	1.5200	0.2300	1.0800
NOOSE FEDERAL #1	04/15/2014	2.1000	0.2300	1.3500
NOOSE FEDERAL #1	04/14/2014	2.1200	0.4200	0.0600
NOOSE FEDERAL #1	04/13/2014	2.9800	1.0300	1.9900
NOOSE FEDERAL #1	04/12/2014	2.9900	1.0400	1.9900
NOOSE FEDERAL #1	04/11/2014	3.0400	1.0300	1.9900
NOOSE FEDERAL #1	04/10/2014	5.4700	1.7900	3.4400
NOOSE FEDERAL #1	04/09/2014	1.6100	1.2500	1.3300
NOOSE FEDERAL #1	04/08/2014	2.4200	0.9300	1.1600
NOOSE FEDERAL #1	04/07/2014	0.2600	0.1300	0.1700
NOOSE FEDERAL #1	04/06/2014	2.9100	0.9700	1.6700
NOOSE FEDERAL #1	04/05/2014	3.4300	1.0200	1.6700
NOOSE FEDERAL #1	04/04/2014	2.5100	1.0900	2.6000
NOOSE FEDERAL #1	04/03/2014	2.3400	0.8300	0.8300
NOOSE FEDERAL #1	04/02/2014	3.0700	1.0100	1.6100
NOOSE FEDERAL #1	04/01/2014	2.9500	1.0300	1.7600
Monthly Average:		2.0623	0.7747	1.2567
NOOSE FEDERAL #1	03/31/2014	3.2000	1.1000	2.1700
NOOSE FEDERAL #1	03/30/2014	3.1000	1.0400	1.9500
NOOSE FEDERAL #1	03/29/2014	3.0300	1.1000	1.9500
NOOSE FEDERAL #1	03/28/2014	3.4200	0.9900	1.6700
NOOSE FEDERAL #1	03/27/2014	3.0800	1.0500	2.1600
NOOSE FEDERAL #1	03/26/2014	3.1000	1.0100	2.2600
NOOSE FEDERAL #1	03/25/2014	3.4300	0.9900	1.9400
NOOSE FEDERAL #1	03/24/2014	3.1100	1.0400	1.9500
NOOSE FEDERAL #1	03/23/2014	3.0100	1.3400	1.9600
NOOSE FEDERAL #1	03/22/2014	3.0400	1.1000	2.4200
NOOSE FEDERAL #1	03/21/2014	3.0500	1.1300	2.1700
NOOSE FEDERAL #1	03/20/2014	3.0900	1.1300	2.1400
NOOSE FEDERAL #1	03/19/2014	3.4700	1.1200	2.5500
NOOSE FEDERAL #1	03/18/2014	3.0600	1.0400	2.1600
NOOSE FEDERAL #1	03/17/2014	2.9800	1.0300	1.8200
NOOSE FEDERAL #1	03/16/2014	3.1000	1.0200	2.3500
NOOSE FEDERAL #1	03/15/2014	3.0300	1.0400	2.1600
NOOSE FEDERAL #1	03/14/2014	3.1200	1.0400	2.3000
NOOSE FEDERAL #1	03/13/2014	3.0600	1.0500	2.0400
NOOSE FEDERAL #1	03/12/2014	3.0900	1.0000	1.9700
NOOSE FEDERAL #1	03/11/2014	2.7100	0.9800	2.3500
NOOSE FEDERAL #1	03/10/2014	3.1100	1.1900	1.9300
NOOSE FEDERAL #1	03/09/2014	3.4200	1.0400	2.4600
NOOSE FEDERAL #1	03/08/2014	3.0800	1.0000	1.9000
NOOSE FEDERAL #1	03/07/2014	3.1500	0.9800	1.8900
NOOSE FEDERAL #1	03/06/2014	3.0400	1.0300	1.8500

Noose Federal #1
Production Data

NOOSE FEDERAL #1	03/05/2014	3.0000	1.0500	1.2900
NOOSE FEDERAL #1	03/04/2014	3.0000	1.1100	1.2900
NOOSE FEDERAL #1	03/03/2014	2.6400	1.0000	1.3700
NOOSE FEDERAL #1	03/02/2014	2.9300	1.0400	1.4600
NOOSE FEDERAL #1	03/01/2014	2.9000	1.1400	1.4400
Monthly Average:		3.0823	1.0619	1.9781
NOOSE FEDERAL #1	02/28/2014	2.8500	1.1400	1.5800
NOOSE FEDERAL #1	02/27/2014	2.8400	0.9700	1.2300
NOOSE FEDERAL #1	02/26/2014	3.1400	0.9800	1.8500
NOOSE FEDERAL #1	02/25/2014	3.0100	0.9800	1.9900
NOOSE FEDERAL #1	02/24/2014	3.0100	1.1000	2.1200
NOOSE FEDERAL #1	02/23/2014	2.9100	0.9600	2.0500
NOOSE FEDERAL #1	02/22/2014	2.9100	0.9700	1.8900
NOOSE FEDERAL #1	02/21/2014	2.9700	1.0000	1.9500
NOOSE FEDERAL #1	02/20/2014	3.6000	0.9700	1.9800
NOOSE FEDERAL #1	02/19/2014	3.0300	1.0600	1.9800
NOOSE FEDERAL #1	02/18/2014	7.4300	2.3900	4.4100
NOOSE FEDERAL #1	02/17/2014	2.7900	0.8600	0.9100
NOOSE FEDERAL #1	02/16/2014	0.2100	0.1100	0.0000
NOOSE FEDERAL #1	02/15/2014	3.2500	1.0800	4.9000
NOOSE FEDERAL #1	02/14/2014	1.6400	0.8500	1.6700
NOOSE FEDERAL #1	02/13/2014	2.9700	3.9000	5.1500
NOOSE FEDERAL #1	02/12/2014	2.2700	1.0700	1.2600
NOOSE FEDERAL #1	02/11/2014	2.2000	1.2000	1.3000
NOOSE FEDERAL #1	02/10/2014	2.1300	1.1700	1.3800
NOOSE FEDERAL #1	02/09/2014	2.1500	1.6100	1.4100
NOOSE FEDERAL #1	02/08/2014	1.9800	1.1200	0.9900
NOOSE FEDERAL #1	02/07/2014	2.0800	1.0600	0.9900
NOOSE FEDERAL #1	02/06/2014	2.1000	1.0200	0.9400
NOOSE FEDERAL #1	02/05/2014	2.0000	1.0700	0.8600
NOOSE FEDERAL #1	02/04/2014	1.6300	1.1000	0.3800
NOOSE FEDERAL #1	02/03/2014	1.5900	1.1600	0.4300
NOOSE FEDERAL #1	02/02/2014	2.0600	1.3700	0.4500
NOOSE FEDERAL #1	02/01/2014	1.6400	1.1800	0.3900
Monthly Average:		2.5854	1.1946	1.6586
NOOSE FEDERAL #1	01/31/2014	1.5500	1.1600	0.3900
NOOSE FEDERAL #1	01/30/2014	1.7400	1.1500	0.4100
NOOSE FEDERAL #1	01/29/2014	1.7800	1.1600	0.4600
NOOSE FEDERAL #1	01/28/2014	1.8200	1.0300	0.3900
NOOSE FEDERAL #1	01/27/2014	2.0000	1.3000	0.5000
NOOSE FEDERAL #1	01/26/2014	1.7900	1.1900	0.5000
NOOSE FEDERAL #1	01/25/2014	2.0300	1.3300	0.5200
NOOSE FEDERAL #1	01/24/2014	1.8000	1.2200	0.4600
NOOSE FEDERAL #1	01/23/2014	1.7600	1.3100	0.5900
NOOSE FEDERAL #1	01/22/2014	1.9800	1.3200	0.6300
NOOSE FEDERAL #1	01/21/2014	2.0200	1.3200	0.5600
NOOSE FEDERAL #1	01/20/2014	1.4200	1.3200	0.4800
NOOSE FEDERAL #1	01/19/2014	2.2900	1.4700	0.7400
NOOSE FEDERAL #1	01/18/2014	1.9900	1.4600	0.7800
NOOSE FEDERAL #1	01/17/2014	2.3200	1.4100	0.7400
NOOSE FEDERAL #1	01/16/2014	1.9600	1.3600	0.6900
NOOSE FEDERAL #1	01/15/2014	1.4500	0.8100	1.0400
NOOSE FEDERAL #1	01/14/2014	2.0400	1.2200	0.0000
NOOSE FEDERAL #1	01/13/2014	2.2200	1.1800	0.8200
NOOSE FEDERAL #1	01/12/2014	2.1600	1.7700	0.3300
NOOSE FEDERAL #1	01/11/2014	0.8800	0.3200	0.2000
NOOSE FEDERAL #1	01/10/2014	1.3000	0.5400	0.4100
NOOSE FEDERAL #1	01/09/2014	1.8700	0.8800	0.5900
NOOSE FEDERAL #1	01/08/2014	2.2700	1.2200	0.9800
NOOSE FEDERAL #1	01/07/2014	2.3800	1.1000	0.9100
NOOSE FEDERAL #1	01/06/2014	2.0300	1.0100	0.9800

Noose Federal #1
Production Data

NOOSE FEDERAL #1	01/05/2014	2.0200	1.0400	1.1200
NOOSE FEDERAL #1	01/04/2014	2.0400	1.0400	1.0300
NOOSE FEDERAL #1	01/03/2014	2.0700	1.0100	0.9800
NOOSE FEDERAL #1	01/02/2014	1.8800	0.4200	0.2700
NOOSE FEDERAL #1	01/01/2014	0.1800	0.0400	0.0000
Monthly Average:		1.8400	1.1003	0.5968

Noose Federal #4H
Production Data

Daily Prod Entity Name	Prod Date	Oil Volume	Gas Volume	Water Volume
NOOSE FEDERAL #4H	06/30/2014	27.7700	31.3500	49.3300
NOOSE FEDERAL #4H	06/29/2014	26.8100	28.7200	38.7100
NOOSE FEDERAL #4H	06/28/2014	27.3500	28.6100	37.9700
NOOSE FEDERAL #4H	06/27/2014	26.1300	28.3200	42.2200
NOOSE FEDERAL #4H	06/26/2014	27.3400	29.5500	29.1000
NOOSE FEDERAL #4H	06/25/2014	27.7500	27.8600	43.1200
NOOSE FEDERAL #4H	06/24/2014	24.3000	24.3500	33.9600
NOOSE FEDERAL #4H	06/23/2014	29.1800	24.4800	28.5700
NOOSE FEDERAL #4H	06/22/2014	27.3300	29.2800	61.0300
NOOSE FEDERAL #4H	06/21/2014	25.0800	25.3800	31.3900
NOOSE FEDERAL #4H	06/20/2014	23.0400	26.9200	42.2200
NOOSE FEDERAL #4H	06/19/2014	25.8800	25.2700	32.8900
NOOSE FEDERAL #4H	06/18/2014	27.2900	26.2800	33.6300
NOOSE FEDERAL #4H	06/17/2014	24.1700	26.3800	35.8700
NOOSE FEDERAL #4H	06/16/2014	24.2600	26.9000	36.2800
NOOSE FEDERAL #4H	06/15/2014	28.3300	26.6300	42.4100
NOOSE FEDERAL #4H	06/14/2014	27.5400	28.4900	47.3000
NOOSE FEDERAL #4H	06/13/2014	8.5100	18.5000	12.5000
NOOSE FEDERAL #4H	06/12/2014	20.2400	24.9500	25.2500
NOOSE FEDERAL #4H	06/11/2014	16.1900	25.6100	18.7500
NOOSE FEDERAL #4H	06/10/2014	12.9300	35.1300	51.8000
NOOSE FEDERAL #4H	06/09/2014	14.1900	18.0800	10.4400
NOOSE FEDERAL #4H	06/08/2014	13.2100	17.4100	7.8900
NOOSE FEDERAL #4H	06/07/2014	13.0400	18.3200	10.0000
NOOSE FEDERAL #4H	06/06/2014	13.7000	17.8800	10.2900
NOOSE FEDERAL #4H	06/05/2014	12.9100	18.1700	10.3800
NOOSE FEDERAL #4H	06/04/2014	12.8200	17.4800	8.8200
NOOSE FEDERAL #4H	06/03/2014	13.6000	17.3400	9.8400
NOOSE FEDERAL #4H	06/02/2014	12.8600	17.6000	9.2100
NOOSE FEDERAL #4H	06/01/2014	13.5900	18.0800	10.5600
Monthly Average:		20.9113	24.3107	28.7243
NOOSE FEDERAL #4H	05/31/2014	12.8200	18.0600	9.8900
NOOSE FEDERAL #4H	05/30/2014	13.6400	17.8700	10.4900
NOOSE FEDERAL #4H	05/29/2014	13.9100	19.9800	15.7700
NOOSE FEDERAL #4H	05/28/2014	14.1800	18.0800	16.3400
NOOSE FEDERAL #4H	05/27/2014	15.4000	17.4400	13.3700
NOOSE FEDERAL #4H	05/26/2014	13.3100	17.6500	10.8500
NOOSE FEDERAL #4H	05/25/2014	11.4600	17.3000	8.7200
NOOSE FEDERAL #4H	05/24/2014	17.9100	17.9700	18.6800
NOOSE FEDERAL #4H	05/23/2014	22.6700	20.1800	33.6600
NOOSE FEDERAL #4H	05/22/2014	26.1300	27.0700	26.5600
NOOSE FEDERAL #4H	05/21/2014	24.7700	28.5800	21.4300
NOOSE FEDERAL #4H	05/20/2014	27.0900	27.5900	29.7600
NOOSE FEDERAL #4H	05/19/2014	28.7400	27.5000	31.9900
NOOSE FEDERAL #4H	05/18/2014	27.0900	26.6100	39.1900
NOOSE FEDERAL #4H	05/17/2014	27.1200	27.3700	33.0100
NOOSE FEDERAL #4H	05/16/2014	26.7600	27.6100	31.1700
NOOSE FEDERAL #4H	05/15/2014	27.7900	26.7500	29.8200
NOOSE FEDERAL #4H	05/14/2014	27.5700	28.3600	31.6800
NOOSE FEDERAL #4H	05/13/2014	26.6900	28.0400	29.7900
NOOSE FEDERAL #4H	05/12/2014	26.8200	27.0200	36.8400
NOOSE FEDERAL #4H	05/11/2014	28.2200	27.0100	31.5800
NOOSE FEDERAL #4H	05/10/2014	28.5000	27.0500	30.6600
NOOSE FEDERAL #4H	05/09/2014	30.3600	26.8200	28.7700
NOOSE FEDERAL #4H	05/08/2014	33.2500	34.3600	43.9700
NOOSE FEDERAL #4H	05/07/2014	26.6100	26.3300	26.7900
NOOSE FEDERAL #4H	05/06/2014	27.6900	27.0500	28.3000
NOOSE FEDERAL #4H	05/05/2014	275.5200	294.4900	150.3100
NOOSE FEDERAL #4H	05/04/2014	18.0400	27.0300	0.0000
NOOSE FEDERAL #4H	05/03/2014	26.0400	28.9700	9.3700

Noose Federal #4H
Production Data

NOOSE FEDERAL #4H	05/02/2014	15.7900	17.5900	17.5600
NOOSE FEDERAL #4H	05/01/2014	7.8600	11.0300	8.3300
Monthly Average:		30.6371	32.7342	27.5694
NOOSE FEDERAL #4H	04/30/2014	9.1400	11.7100	8.7000
NOOSE FEDERAL #4H	04/29/2014	2.2800	12.1900	0.0000
NOOSE FEDERAL #4H	04/28/2014	26.2800	23.9600	0.0000
NOOSE FEDERAL #4H	04/27/2014	23.6600	29.4200	31.7100
NOOSE FEDERAL #4H	04/26/2014	2.7500	5.3700	0.0000
NOOSE FEDERAL #4H	04/25/2014	18.2800	19.9200	13.3300
NOOSE FEDERAL #4H	04/24/2014	2.2000	5.5300	0.2800
NOOSE FEDERAL #4H	04/23/2014	11.4700	21.3000	20.4500
NOOSE FEDERAL #4H	04/22/2014	8.1400	6.7700	13.8600
NOOSE FEDERAL #4H	04/21/2014	10.5200	9.9200	15.6100
NOOSE FEDERAL #4H	04/20/2014	9.8300	11.6400	19.5800
NOOSE FEDERAL #4H	04/19/2014	9.6700	14.0900	14.4100
NOOSE FEDERAL #4H	04/18/2014	7.3000	8.2500	7.2900
NOOSE FEDERAL #4H	04/17/2014	8.7900	10.4800	9.8800
NOOSE FEDERAL #4H	04/16/2014	7.6200	9.3000	7.2100
NOOSE FEDERAL #4H	04/15/2014	7.0100	9.2100	9.0100
NOOSE FEDERAL #4H	04/14/2014	7.0700	7.2800	12.1200
NOOSE FEDERAL #4H	04/13/2014	9.9500	12.3200	19.8800
NOOSE FEDERAL #4H	04/12/2014	9.9600	12.5300	19.8700
NOOSE FEDERAL #4H	04/11/2014	10.1200	12.3100	19.8700
NOOSE FEDERAL #4H	04/10/2014	18.2300	21.4700	34.4300
NOOSE FEDERAL #4H	04/09/2014	7.5200	16.3000	13.2800
NOOSE FEDERAL #4H	04/08/2014	9.6800	7.4400	9.8600
NOOSE FEDERAL #4H	04/07/2014	1.0300	1.0000	1.4300
NOOSE FEDERAL #4H	04/06/2014	10.6600	6.7900	15.0000
NOOSE FEDERAL #4H	04/05/2014	14.8500	9.2200	15.0000
NOOSE FEDERAL #4H	04/04/2014	10.8600	7.6300	27.3200
NOOSE FEDERAL #4H	04/03/2014	8.5700	25.8600	7.5000
NOOSE FEDERAL #4H	04/02/2014	10.2200	10.1500	8.0400
NOOSE FEDERAL #4H	04/01/2014	9.8500	10.3500	8.8200
Monthly Average:		10.1170	12.3237	12.7913
NOOSE FEDERAL #4H	03/31/2014	10.6600	10.9500	10.8700
NOOSE FEDERAL #4H	03/30/2014	10.3400	10.4400	9.7600
NOOSE FEDERAL #4H	03/29/2014	10.1100	10.9800	9.7600
NOOSE FEDERAL #4H	03/28/2014	11.3900	9.9400	8.3300
NOOSE FEDERAL #4H	03/27/2014	10.2800	10.5200	10.7800
NOOSE FEDERAL #4H	03/26/2014	10.3300	10.0900	11.2900
NOOSE FEDERAL #4H	03/25/2014	11.4200	9.9500	9.7200
NOOSE FEDERAL #4H	03/24/2014	10.3500	10.4400	9.7600
NOOSE FEDERAL #4H	03/23/2014	10.0300	13.3800	9.7800
NOOSE FEDERAL #4H	03/22/2014	10.1300	10.9700	12.1200
NOOSE FEDERAL #4H	03/21/2014	10.1500	11.2800	10.8300
NOOSE FEDERAL #4H	03/20/2014	10.3100	11.3100	10.7100
NOOSE FEDERAL #4H	03/19/2014	11.5600	11.1700	12.7500
NOOSE FEDERAL #4H	03/18/2014	10.2000	10.4300	10.7800
NOOSE FEDERAL #4H	03/17/2014	9.9300	10.3400	9.0900
NOOSE FEDERAL #4H	03/16/2014	10.3300	10.2500	11.7600
NOOSE FEDERAL #4H	03/15/2014	10.1100	10.3700	10.7800
NOOSE FEDERAL #4H	03/14/2014	10.3900	10.4000	11.4800
NOOSE FEDERAL #4H	03/13/2014	10.2100	10.4800	10.2000
NOOSE FEDERAL #4H	03/12/2014	10.3200	10.0000	9.8500
NOOSE FEDERAL #4H	03/11/2014	9.0500	9.8300	11.7600
NOOSE FEDERAL #4H	03/10/2014	8.3000	14.2300	9.6300
NOOSE FEDERAL #4H	03/09/2014	9.1200	33.3000	12.3000
NOOSE FEDERAL #4H	03/08/2014	17.4400	22.9300	21.8500
NOOSE FEDERAL #4H	03/07/2014	17.8700	22.5600	21.7900
NOOSE FEDERAL #4H	03/06/2014	17.2100	23.7600	21.2300
NOOSE FEDERAL #4H	03/05/2014	17.0200	24.2200	14.8100

Noose Federal #4H
Production Data

NOOSE FEDERAL #4H	03/04/2014	16.9800	25.5200	14.8100
NOOSE FEDERAL #4H	03/03/2014	11.4400	10.9600	13.0600
NOOSE FEDERAL #4H	03/02/2014	13.6800	14.5800	21.8500
NOOSE FEDERAL #4H	03/01/2014	12.5500	15.9200	14.3800
Monthly Average:		11.5874	13.9194	12.5119
NOOSE FEDERAL #4H	02/28/2014	14.2600	22.8900	15.7500
NOOSE FEDERAL #4H	02/27/2014	14.1800	19.4000	12.3300
NOOSE FEDERAL #4H	02/26/2014	15.7200	19.6600	18.4900
NOOSE FEDERAL #4H	02/25/2014	15.0700	19.6000	19.8600
NOOSE FEDERAL #4H	02/24/2014	15.0700	22.0800	21.2300
NOOSE FEDERAL #4H	02/23/2014	14.5600	19.2400	20.4900
NOOSE FEDERAL #4H	02/22/2014	14.5700	19.4600	18.8800
NOOSE FEDERAL #4H	02/21/2014	14.8300	20.0700	19.5300
NOOSE FEDERAL #4H	02/20/2014	18.0000	19.3800	19.8300
NOOSE FEDERAL #4H	02/19/2014	15.1700	21.1600	19.8300
NOOSE FEDERAL #4H	02/18/2014	37.1700	47.8800	44.1500
NOOSE FEDERAL #4H	02/17/2014	13.9500	17.1400	9.0900
NOOSE FEDERAL #4H	02/16/2014	1.0300	2.1400	0.0000
NOOSE FEDERAL #4H	02/15/2014	12.1900	21.6500	16.3300
NOOSE FEDERAL #4H	02/14/2014	12.2800	17.0800	16.6700
NOOSE FEDERAL #4H	02/13/2014	14.8300	25.9700	25.7700
NOOSE FEDERAL #4H	02/12/2014	17.0000	21.3200	25.1300
NOOSE FEDERAL #4H	02/11/2014	15.3800	27.6500	46.9600
NOOSE FEDERAL #4H	02/10/2014	13.8600	21.1400	33.2300
NOOSE FEDERAL #4H	02/09/2014	10.7700	22.5900	28.2700
NOOSE FEDERAL #4H	02/08/2014	7.9200	3.3600	19.9000
NOOSE FEDERAL #4H	02/07/2014	8.3300	3.1800	19.8900
NOOSE FEDERAL #4H	02/06/2014	8.3800	3.0600	18.8500
NOOSE FEDERAL #4H	02/05/2014	8.0000	3.2000	17.1900
NOOSE FEDERAL #4H	02/04/2014	6.5100	3.2900	7.6400
NOOSE FEDERAL #4H	02/03/2014	6.3600	2.3300	4.3400
NOOSE FEDERAL #4H	02/02/2014	10.3000	1.3700	5.0000
NOOSE FEDERAL #4H	02/01/2014	9.0300	2.3600	5.7900
Monthly Average:		13.0257	16.0589	18.9436
NOOSE FEDERAL #4H	01/31/2014	3.1100	15.1000	3.9000
NOOSE FEDERAL #4H	01/30/2014	3.4800	14.8900	4.1200
NOOSE FEDERAL #4H	01/29/2014	3.5500	15.0600	4.5600
NOOSE FEDERAL #4H	01/28/2014	3.6500	13.4300	3.9000
NOOSE FEDERAL #4H	01/27/2014	3.9900	16.8600	4.9900
NOOSE FEDERAL #4H	01/26/2014	3.5800	15.4500	4.9900
NOOSE FEDERAL #4H	01/25/2014	4.0600	17.3300	5.2100
NOOSE FEDERAL #4H	01/24/2014	3.6100	15.9200	4.5600
NOOSE FEDERAL #4H	01/23/2014	3.5300	17.0800	5.8600
NOOSE FEDERAL #4H	01/22/2014	3.9500	17.1600	6.2900
NOOSE FEDERAL #4H	01/21/2014	4.0500	17.1600	5.6400
NOOSE FEDERAL #4H	01/20/2014	2.8300	17.1600	4.7700
NOOSE FEDERAL #4H	01/19/2014	4.5900	19.0500	7.3800
NOOSE FEDERAL #4H	01/18/2014	3.9900	19.0100	7.8100
NOOSE FEDERAL #4H	01/17/2014	4.6400	18.2800	7.3800
NOOSE FEDERAL #4H	01/16/2014	3.9200	17.6300	6.9400
NOOSE FEDERAL #4H	01/15/2014	2.9000	10.4700	10.4100
NOOSE FEDERAL #4H	01/14/2014	4.0800	15.9200	0.0000
NOOSE FEDERAL #4H	01/13/2014	4.4400	15.3600	8.2400
NOOSE FEDERAL #4H	01/12/2014	4.3200	22.9500	3.2500
NOOSE FEDERAL #4H	01/11/2014	1.7700	4.2000	1.9500
NOOSE FEDERAL #4H	01/10/2014	2.6000	7.0800	4.1200
NOOSE FEDERAL #4H	01/09/2014	3.7400	11.4100	5.8600
NOOSE FEDERAL #4H	01/08/2014	4.5500	15.8700	9.7600
NOOSE FEDERAL #4H	01/07/2014	4.7700	14.2900	9.1100
NOOSE FEDERAL #4H	01/06/2014	4.0600	13.1300	9.7600
NOOSE FEDERAL #4H	01/05/2014	4.0500	13.5300	11.1900

Noose Federal #4H
Production Data

NOOSE FEDERAL #4H	01/04/2014	4.0900	13.4800	10.2700
NOOSE FEDERAL #4H	01/03/2014	4.1300	13.1500	9.8400
NOOSE FEDERAL #4H	01/02/2014	3.7500	5.4100	2.7500
NOOSE FEDERAL #4H	01/01/2014	0.3500	0.5200	0.0000
Monthly Average:		3.6816	14.3013	5.9616

Noose Federal #5H
Production Data

Daily Prod Entity Name	Prod Date	Oil Volume	Gas Volume	Water Volume
NOOSE FEDERAL COM #5H	06/30/2014	0.0000	55.0000	0.0000
NOOSE FEDERAL COM #5H	06/29/2014	33.4200	83.0000	20.0000
NOOSE FEDERAL COM #5H	06/28/2014	0.0000	0.0000	0.0000
NOOSE FEDERAL COM #5H	06/27/2014	13.9200	22.0000	30.0000
NOOSE FEDERAL COM #5H	06/26/2014	44.5600	76.0000	120.0000
NOOSE FEDERAL COM #5H	06/25/2014	41.7800	79.0000	90.0000
NOOSE FEDERAL COM #5H	06/24/2014	41.7800	63.0000	55.0000
NOOSE FEDERAL COM #5H	06/23/2014	41.7700	66.0000	85.0000
NOOSE FEDERAL COM #5H	06/22/2014	44.5600	75.0000	100.0000
NOOSE FEDERAL COM #5H	06/21/2014	47.3600	76.0000	80.0000
NOOSE FEDERAL COM #5H	06/20/2014	44.5800	71.0000	130.0000
NOOSE FEDERAL COM #5H	06/19/2014	52.9500	78.0000	80.0000
NOOSE FEDERAL COM #5H	06/18/2014	50.1300	76.0000	90.0000
NOOSE FEDERAL COM #5H	06/17/2014	47.3500	74.0000	90.0000
NOOSE FEDERAL COM #5H	06/16/2014	44.5800	75.0000	90.0000
NOOSE FEDERAL COM #5H	06/15/2014	47.3700	74.0000	110.0000
NOOSE FEDERAL COM #5H	06/14/2014	47.3600	75.0000	90.0000
NOOSE FEDERAL COM #5H	06/13/2014	52.9300	72.0000	90.0000
NOOSE FEDERAL COM #5H	06/12/2014	54.3700	77.0000	60.0000
NOOSE FEDERAL COM #5H	06/11/2014	62.6600	88.0000	60.0000
NOOSE FEDERAL COM #5H	06/10/2014	41.7800	63.0000	30.0000
NOOSE FEDERAL COM #5H	06/09/2014	27.8500	61.0000	0.0000
NOOSE FEDERAL COM #5H	06/08/2014	11.1400	59.0000	30.0000
NOOSE FEDERAL COM #5H	06/07/2014	0.0000	28.0000	0.0000
NOOSE FEDERAL COM #5H	06/06/2014	50.1300	76.0000	90.0000
NOOSE FEDERAL COM #5H	06/05/2014	33.4200	73.0000	90.0000
NOOSE FEDERAL COM #5H	06/04/2014	44.5600	75.0000	50.0000
NOOSE FEDERAL COM #5H	06/03/2014	47.3600	76.0000	90.0000
NOOSE FEDERAL COM #5H	06/02/2014	44.5800	75.0000	90.0000
NOOSE FEDERAL COM #5H	06/01/2014	40.3900	77.0000	120.0000
Monthly Average:		38.4880	67.2667	68.6667
NOOSE FEDERAL COM #5H	05/31/2014	47.3400	78.0000	90.0000
NOOSE FEDERAL COM #5H	05/30/2014	47.3700	75.0000	90.0000
NOOSE FEDERAL COM #5H	05/29/2014	47.3600	84.0000	120.0000
NOOSE FEDERAL COM #5H	05/28/2014	52.9400	74.0000	90.0000
NOOSE FEDERAL COM #5H	05/27/2014	33.4300	70.0000	90.0000
NOOSE FEDERAL COM #5H	05/26/2014	62.6700	85.0000	90.0000
NOOSE FEDERAL COM #5H	05/25/2014	64.0600	73.0000	90.0000
NOOSE FEDERAL COM #5H	05/24/2014	47.3500	79.0000	90.0000
NOOSE FEDERAL COM #5H	05/23/2014	38.9900	68.0000	90.0000
NOOSE FEDERAL COM #5H	05/22/2014	41.7700	79.0000	100.0000
NOOSE FEDERAL COM #5H	05/21/2014	47.3500	80.0000	90.0000
NOOSE FEDERAL COM #5H	05/20/2014	41.7700	85.0000	120.0000
NOOSE FEDERAL COM #5H	05/19/2014	44.5800	81.0000	90.0000
NOOSE FEDERAL COM #5H	05/18/2014	44.6000	82.0000	90.0000
NOOSE FEDERAL COM #5H	05/17/2014	45.9500	80.0000	120.0000
NOOSE FEDERAL COM #5H	05/16/2014	47.3500	81.0000	90.0000
NOOSE FEDERAL COM #5H	05/15/2014	47.3500	79.0000	90.0000
NOOSE FEDERAL COM #5H	05/14/2014	44.5800	82.0000	120.0000
NOOSE FEDERAL COM #5H	05/13/2014	44.5800	75.0000	90.0000
NOOSE FEDERAL COM #5H	05/12/2014	44.5800	75.0000	120.0000
NOOSE FEDERAL COM #5H	05/11/2014	44.5700	76.0000	90.0000
NOOSE FEDERAL COM #5H	05/10/2014	50.1300	79.0000	90.0000
NOOSE FEDERAL COM #5H	05/09/2014	44.5600	70.0000	120.0000
NOOSE FEDERAL COM #5H	05/08/2014	47.3500	73.0000	90.0000
NOOSE FEDERAL COM #5H	05/07/2014	44.5600	82.0000	100.0000
NOOSE FEDERAL COM #5H	05/06/2014	52.9200	84.0000	110.0000
NOOSE FEDERAL COM #5H	05/05/2014	25.0600	69.0000	90.0000
NOOSE FEDERAL COM #5H	05/04/2014	44.5700	86.0000	90.0000
NOOSE FEDERAL COM #5H	05/03/2014	49.4500	80.0000	120.0000

Noose Federal #5H
Production Data

NOOSE FEDERAL COM #5H	05/02/2014	52.9200	80.0000	90.0000
NOOSE FEDERAL COM #5H	05/01/2014	44.5600	72.0000	90.0000
Monthly Average:		46.3426	77.9355	98.0645
NOOSE FEDERAL COM #5H	04/30/2014	41.7700	75.0000	120.0000
NOOSE FEDERAL COM #5H	04/29/2014	39.0100	79.0000	90.0000
NOOSE FEDERAL COM #5H	04/28/2014	44.5800	79.0000	90.0000
NOOSE FEDERAL COM #5H	04/27/2014	52.9400	77.0000	130.0000
NOOSE FEDERAL COM #5H	04/26/2014	47.3600	78.0000	90.0000
NOOSE FEDERAL COM #5H	04/25/2014	52.2200	82.0000	90.0000
NOOSE FEDERAL COM #5H	04/24/2014	27.8500	66.0000	90.0000
NOOSE FEDERAL COM #5H	04/23/2014	58.4900	80.0000	100.0000
NOOSE FEDERAL COM #5H	04/22/2014	44.5600	93.0000	90.0000
NOOSE FEDERAL COM #5H	04/21/2014	44.5600	84.0000	90.0000
NOOSE FEDERAL COM #5H	04/20/2014	22.2800	58.0000	25.0000
NOOSE FEDERAL COM #5H	04/19/2014	16.7100	41.0000	0.0000
NOOSE FEDERAL COM #5H	04/18/2014	50.1400	81.0000	115.0000
NOOSE FEDERAL COM #5H	04/17/2014	55.7200	92.0000	100.0000
NOOSE FEDERAL COM #5H	04/16/2014	33.4600	82.0000	70.0000
NOOSE FEDERAL COM #5H	04/15/2014	47.3400	0.0000	90.0000
NOOSE FEDERAL COM #5H	04/14/2014	0.0000	0.0000	100.0000
NOOSE FEDERAL COM #5H	04/13/2014	0.0000	0.0000	0.0000
NOOSE FEDERAL COM #5H	04/12/2014	0.0000	2.0000	0.0000
NOOSE FEDERAL COM #5H	04/11/2014	5.5700	0.0000	0.0000
NOOSE FEDERAL COM #5H	04/10/2014	8.3600	19.0000	1.0000
NOOSE FEDERAL COM #5H	04/09/2014	13.9200	58.0000	0.0000
NOOSE FEDERAL COM #5H	04/08/2014	64.0700	84.0000	99.0000
NOOSE FEDERAL COM #5H	04/07/2014	41.7900	93.0000	90.0000
NOOSE FEDERAL COM #5H	04/06/2014	58.5200	83.0000	80.0000
NOOSE FEDERAL COM #5H	04/05/2014	47.3600	83.0000	50.0000
NOOSE FEDERAL COM #5H	04/04/2014	44.5600	85.0000	50.0000
NOOSE FEDERAL COM #5H	04/03/2014	34.8600	68.0000	20.0000
NOOSE FEDERAL COM #5H	04/02/2014	44.5600	76.0000	30.0000
NOOSE FEDERAL COM #5H	04/01/2014	50.1300	73.0000	20.0000
Monthly Average:		36.4230	62.3667	64.0000
NOOSE FEDERAL COM #5H	03/31/2014	47.3500	89.0000	50.0000
NOOSE FEDERAL COM #5H	03/30/2014	36.2000	71.0000	30.0000
NOOSE FEDERAL COM #5H	03/29/2014	23.6800	67.0000	0.0000
NOOSE FEDERAL COM #5H	03/28/2014	2.7800	22.0000	0.0000
NOOSE FEDERAL COM #5H	03/27/2014	0.0000	20.0000	0.0000
NOOSE FEDERAL COM #5H	03/26/2014	0.0000	71.0000	0.0000
NOOSE FEDERAL COM #5H	03/25/2014	0.0000	4.0000	0.0000
NOOSE FEDERAL COM #5H	03/24/2014	1.3900	49.0000	20.0000
NOOSE FEDERAL COM #5H	03/23/2014	5.5700	37.0000	0.0000
NOOSE FEDERAL COM #5H	03/22/2014	0.0000	40.0000	30.0000
NOOSE FEDERAL COM #5H	03/21/2014	0.0000	38.0000	20.0000
NOOSE FEDERAL COM #5H	03/20/2014	2.7900	36.0000	0.0000
NOOSE FEDERAL COM #5H	03/19/2014	5.5700	44.0000	0.0000
NOOSE FEDERAL COM #5H	03/18/2014	5.5700	40.0000	0.0000
NOOSE FEDERAL COM #5H	03/17/2014	8.3500	46.0000	0.0000
NOOSE FEDERAL COM #5H	03/16/2014	5.5700	47.0000	0.0000
NOOSE FEDERAL COM #5H	03/15/2014	12.5400	46.0000	0.0000
NOOSE FEDERAL COM #5H	03/14/2014	5.5700	49.0000	0.0000
NOOSE FEDERAL COM #5H	03/13/2014	5.5700	41.0000	0.0000
NOOSE FEDERAL COM #5H	03/12/2014	8.3600	67.0000	20.0000
NOOSE FEDERAL COM #5H	03/11/2014	11.1400	63.0000	30.0000
NOOSE FEDERAL COM #5H	03/10/2014	16.7200	52.0000	0.0000
NOOSE FEDERAL COM #5H	03/09/2014	27.8600	49.0000	0.0000
NOOSE FEDERAL COM #5H	03/08/2014	11.1400	52.0000	20.0000
NOOSE FEDERAL COM #5H	03/07/2014	16.7200	79.0000	20.0000
NOOSE FEDERAL COM #5H	03/06/2014	8.3800	57.0000	20.0000
NOOSE FEDERAL COM #5H	03/05/2014	16.7600	52.0000	0.0000

Noose Federal #5H
Production Data

NOOSE FEDERAL COM #5H	03/04/2014	13.9600	60.0000	20.0000
NOOSE FEDERAL COM #5H	03/03/2014	30.7200	47.0000	10.0000
NOOSE FEDERAL COM #5H	03/02/2014	13.9600	56.0000	20.0000
NOOSE FEDERAL COM #5H	03/01/2014	25.0600	75.0000	30.0000
Monthly Average:		11.9123	50.5161	10.9677
NOOSE FEDERAL COM #5H	02/28/2014	27.8500	77.0000	20.0000
NOOSE FEDERAL COM #5H	02/27/2014	33.4200	75.0000	50.0000
NOOSE FEDERAL COM #5H	02/26/2014	22.2900	76.0000	20.0000
NOOSE FEDERAL COM #5H	02/25/2014	8.1600	70.0000	50.0000
NOOSE FEDERAL COM #5H	02/24/2014	13.9300	83.0000	20.0000
NOOSE FEDERAL COM #5H	02/23/2014	16.7200	69.0000	30.0000
NOOSE FEDERAL COM #5H	02/22/2014	50.1400	74.0000	20.0000
NOOSE FEDERAL COM #5H	02/21/2014	47.3800	97.0000	70.0000
NOOSE FEDERAL COM #5H	02/20/2014	22.3300	69.0000	30.0000
NOOSE FEDERAL COM #5H	02/19/2014	22.3400	86.0000	40.0000
NOOSE FEDERAL COM #5H	02/18/2014	33.4800	93.0000	50.0000
NOOSE FEDERAL COM #5H	02/17/2014	16.5700	62.0000	20.0000
NOOSE FEDERAL COM #5H	02/16/2014	55.7100	86.0000	50.0000
NOOSE FEDERAL COM #5H	02/15/2014	13.9200	75.0000	40.0000
NOOSE FEDERAL COM #5H	02/14/2014	19.5000	77.0000	40.0000
NOOSE FEDERAL COM #5H	02/13/2014	38.9900	75.0000	20.0000
NOOSE FEDERAL COM #5H	02/12/2014	38.9900	78.0000	50.0000
NOOSE FEDERAL COM #5H	02/11/2014	41.7700	81.0000	40.0000
NOOSE FEDERAL COM #5H	02/10/2014	19.5000	64.0000	50.0000
NOOSE FEDERAL COM #5H	02/09/2014	36.2100	86.0000	30.0000
NOOSE FEDERAL COM #5H	02/08/2014	33.4400	83.0000	30.0000
NOOSE FEDERAL COM #5H	02/07/2014	39.0500	74.0000	40.0000
NOOSE FEDERAL COM #5H	02/06/2014	25.0600	77.0000	40.0000
NOOSE FEDERAL COM #5H	02/05/2014	38.9900	89.0000	40.0000
NOOSE FEDERAL COM #5H	02/04/2014	25.0700	78.0000	30.0000
NOOSE FEDERAL COM #5H	02/03/2014	36.2200	74.0000	70.0000
NOOSE FEDERAL COM #5H	02/02/2014	30.6500	78.0000	0.0000
NOOSE FEDERAL COM #5H	02/01/2014	22.2900	76.0000	60.0000
Monthly Average:		29.6418	77.9286	37.5000
NOOSE FEDERAL COM #5H	01/31/2014	36.2200	89.0000	30.0000
NOOSE FEDERAL COM #5H	01/30/2014	55.7200	91.0000	60.0000
NOOSE FEDERAL COM #5H	01/29/2014	30.6400	75.0000	20.0000
NOOSE FEDERAL COM #5H	01/28/2014	30.6300	74.0000	20.0000
NOOSE FEDERAL COM #5H	01/27/2014	16.7100	83.0000	50.0000
NOOSE FEDERAL COM #5H	01/26/2014	27.8500	75.0000	30.0000
NOOSE FEDERAL COM #5H	01/25/2014	55.7100	92.0000	40.0000
NOOSE FEDERAL COM #5H	01/24/2014	16.7100	87.0000	30.0000
NOOSE FEDERAL COM #5H	01/23/2014	22.2800	113.0000	50.0000
NOOSE FEDERAL COM #5H	01/22/2014	27.8500	110.0000	20.0000
NOOSE FEDERAL COM #5H	01/21/2014	11.1400	110.0000	40.0000
NOOSE FEDERAL COM #5H	01/20/2014	30.6400	110.0000	40.0000
NOOSE FEDERAL COM #5H	01/19/2014	38.9900	112.0000	60.0000
NOOSE FEDERAL COM #5H	01/18/2014	47.3700	114.0000	80.0000
NOOSE FEDERAL COM #5H	01/17/2014	27.8500	107.0000	50.0000
NOOSE FEDERAL COM #5H	01/16/2014	38.9900	111.0000	50.0000
NOOSE FEDERAL COM #5H	01/15/2014	33.4200	119.0000	50.0000
NOOSE FEDERAL COM #5H	01/14/2014	38.9900	123.0000	40.0000
NOOSE FEDERAL COM #5H	01/13/2014	33.4400	137.0000	70.0000
NOOSE FEDERAL COM #5H	01/12/2014	72.4400	154.0000	160.0000
NOOSE FEDERAL COM #5H	01/11/2014	58.5100	140.0000	140.0000
NOOSE FEDERAL COM #5H	01/10/2014	55.7100	138.0000	150.0000
NOOSE FEDERAL COM #5H	01/09/2014	69.7300	111.0000	130.0000
NOOSE FEDERAL COM #5H	01/08/2014	44.5600	147.0000	140.0000
NOOSE FEDERAL COM #5H	01/07/2014	66.8500	105.0000	60.0000
NOOSE FEDERAL COM #5H	01/06/2014	36.2000	110.0000	60.0000
NOOSE FEDERAL COM #5H	01/05/2014	33.4200	111.0000	60.0000

Noose Federal #5H
Production Data

NOOSE FEDERAL COM #5H	01/04/2014	33.4200	114.0000	60.0000
NOOSE FEDERAL COM #5H	01/03/2014	58.4900	111.0000	60.0000
NOOSE FEDERAL COM #5H	01/02/2014	41.7800	117.0000	70.0000
NOOSE FEDERAL COM #5H	01/01/2014	36.2300	127.0000	60.0000
Monthly Average:		39.6287	110.2258	63.8710

Noose Federal #8H
Production Data

Daily Prod Entity Name	Prod Date	Oil Volume	Gas Volume	Water Volume
NOOSE FEDERAL COM #8H	06/30/2014	41.7600	124.0000	230.0000
NOOSE FEDERAL COM #8H	06/29/2014	41.7700	106.0000	190.0000
NOOSE FEDERAL COM #8H	06/28/2014	41.7600	109.0000	190.0000
NOOSE FEDERAL COM #8H	06/27/2014	41.8400	108.0000	200.0000
NOOSE FEDERAL COM #8H	06/26/2014	38.9700	103.0000	210.0000
NOOSE FEDERAL COM #8H	06/25/2014	38.9800	104.0000	200.0000
NOOSE FEDERAL COM #8H	06/24/2014	38.9800	100.0000	170.0000
NOOSE FEDERAL COM #8H	06/23/2014	27.8400	71.0000	140.0000
NOOSE FEDERAL COM #8H	06/22/2014	41.7700	107.0000	220.0000
NOOSE FEDERAL COM #8H	06/21/2014	38.9800	107.0000	160.0000
NOOSE FEDERAL COM #8H	06/20/2014	41.7700	104.0000	200.0000
NOOSE FEDERAL COM #8H	06/19/2014	38.9700	107.0000	200.0000
NOOSE FEDERAL COM #8H	06/18/2014	40.4300	108.0000	200.0000
NOOSE FEDERAL COM #8H	06/17/2014	47.3400	105.0000	190.0000
NOOSE FEDERAL COM #8H	06/16/2014	30.6300	107.0000	200.0000
NOOSE FEDERAL COM #8H	06/15/2014	38.9800	106.0000	200.0000
NOOSE FEDERAL COM #8H	06/14/2014	38.9800	114.0000	200.0000
NOOSE FEDERAL COM #8H	06/13/2014	38.9900	100.0000	200.0000
NOOSE FEDERAL COM #8H	06/12/2014	41.7600	113.0000	200.0000
NOOSE FEDERAL COM #8H	06/11/2014	38.9900	102.0000	190.0000
NOOSE FEDERAL COM #8H	06/10/2014	38.9800	110.0000	200.0000
NOOSE FEDERAL COM #8H	06/09/2014	34.8400	115.0000	220.0000
NOOSE FEDERAL COM #8H	06/08/2014	38.9800	108.0000	210.0000
NOOSE FEDERAL COM #8H	06/07/2014	41.7600	105.0000	200.0000
NOOSE FEDERAL COM #8H	06/06/2014	38.9800	107.0000	200.0000
NOOSE FEDERAL COM #8H	06/05/2014	38.9800	102.0000	180.0000
NOOSE FEDERAL COM #8H	06/04/2014	36.2000	84.0000	230.0000
NOOSE FEDERAL COM #8H	06/03/2014	38.9900	112.0000	200.0000
NOOSE FEDERAL COM #8H	06/02/2014	41.0500	115.0000	190.0000
NOOSE FEDERAL COM #8H	06/01/2014	33.4000	119.0000	210.0000
Monthly Average:		39.0550	106.0667	197.6667
NOOSE FEDERAL COM #8H	05/31/2014	33.4200	110.0000	200.0000
NOOSE FEDERAL COM #8H	05/30/2014	33.4100	115.0000	200.0000
NOOSE FEDERAL COM #8H	05/29/2014	27.8400	122.0000	220.0000
NOOSE FEDERAL COM #8H	05/28/2014	50.1300	114.0000	190.0000
NOOSE FEDERAL COM #8H	05/27/2014	55.6900	107.0000	180.0000
NOOSE FEDERAL COM #8H	05/26/2014	36.2000	133.0000	210.0000
NOOSE FEDERAL COM #8H	05/25/2014	36.1900	116.0000	190.0000
NOOSE FEDERAL COM #8H	05/24/2014	38.9900	122.0000	210.0000
NOOSE FEDERAL COM #8H	05/23/2014	36.2200	116.0000	190.0000
NOOSE FEDERAL COM #8H	05/22/2014	37.5900	122.0000	200.0000
NOOSE FEDERAL COM #8H	05/21/2014	41.7600	104.0000	210.0000
NOOSE FEDERAL COM #8H	05/20/2014	41.7600	108.0000	200.0000
NOOSE FEDERAL COM #8H	05/19/2014	41.7600	109.0000	200.0000
NOOSE FEDERAL COM #8H	05/18/2014	41.7700	210.0000	210.0000
NOOSE FEDERAL COM #8H	05/17/2014	43.1600	111.0000	220.0000
NOOSE FEDERAL COM #8H	05/16/2014	38.9800	109.0000	190.0000
NOOSE FEDERAL COM #8H	05/15/2014	44.5500	112.0000	200.0000
NOOSE FEDERAL COM #8H	05/14/2014	40.4100	110.0000	220.0000
NOOSE FEDERAL COM #8H	05/13/2014	41.7700	110.0000	230.0000
NOOSE FEDERAL COM #8H	05/12/2014	36.1900	110.0000	190.0000
NOOSE FEDERAL COM #8H	05/11/2014	41.7700	112.0000	220.0000
NOOSE FEDERAL COM #8H	05/10/2014	44.5500	110.0000	190.0000
NOOSE FEDERAL COM #8H	05/09/2014	41.7700	118.0000	220.0000
NOOSE FEDERAL COM #8H	05/08/2014	41.7700	109.0000	220.0000
NOOSE FEDERAL COM #8H	05/07/2014	41.7700	117.0000	230.0000
NOOSE FEDERAL COM #8H	05/06/2014	22.2700	92.0000	210.0000
NOOSE FEDERAL COM #8H	05/05/2014	52.9400	98.0000	170.0000
NOOSE FEDERAL COM #8H	05/04/2014	44.5500	110.0000	240.0000
NOOSE FEDERAL COM #8H	05/03/2014	44.5400	111.0000	220.0000

Noose Federal #8H
Production Data

NOOSE FEDERAL COM #8H	05/02/2014	36.1900	105.0000	190.0000
NOOSE FEDERAL COM #8H	05/01/2014	41.7700	96.0000	220.0000
Monthly Average:		40.3768	114.4516	206.1290
NOOSE FEDERAL COM #8H	04/30/2014	41.7700	108.0000	180.0000
NOOSE FEDERAL COM #8H	04/29/2014	43.8500	118.0000	220.0000
NOOSE FEDERAL COM #8H	04/28/2014	41.7600	107.0000	230.0000
NOOSE FEDERAL COM #8H	04/27/2014	46.6500	109.0000	190.0000
NOOSE FEDERAL COM #8H	04/26/2014	41.7700	112.0000	230.0000
NOOSE FEDERAL COM #8H	04/25/2014	41.7700	110.0000	200.0000
NOOSE FEDERAL COM #8H	04/24/2014	36.2000	112.0000	200.0000
NOOSE FEDERAL COM #8H	04/23/2014	41.7600	100.0000	200.0000
NOOSE FEDERAL COM #8H	04/22/2014	44.5700	132.0000	200.0000
NOOSE FEDERAL COM #8H	04/21/2014	47.3300	100.0000	210.0000
NOOSE FEDERAL COM #8H	04/20/2014	55.6900	94.0000	200.0000
NOOSE FEDERAL COM #8H	04/19/2014	8.3600	35.0000	30.0000
NOOSE FEDERAL COM #8H	04/18/2014	34.8300	104.0000	203.0000
NOOSE FEDERAL COM #8H	04/17/2014	44.5400	110.0000	217.0000
NOOSE FEDERAL COM #8H	04/16/2014	38.9800	103.0000	190.0000
NOOSE FEDERAL COM #8H	04/15/2014	44.5500	105.0000	190.0000
NOOSE FEDERAL COM #8H	04/14/2014	36.2000	93.0000	190.0000
NOOSE FEDERAL COM #8H	04/13/2014	41.7600	110.0000	220.0000
NOOSE FEDERAL COM #8H	04/12/2014	41.7700	100.0000	200.0000
NOOSE FEDERAL COM #8H	04/11/2014	41.7600	101.0000	210.0000
NOOSE FEDERAL COM #8H	04/10/2014	47.3300	102.0000	230.0000
NOOSE FEDERAL COM #8H	04/09/2014	41.7700	101.0000	197.0000
NOOSE FEDERAL COM #8H	04/08/2014	44.5500	96.0000	223.0000
NOOSE FEDERAL COM #8H	04/07/2014	41.7700	105.0000	200.0000
NOOSE FEDERAL COM #8H	04/06/2014	38.9800	96.0000	190.0000
NOOSE FEDERAL COM #8H	04/05/2014	41.7700	97.0000	200.0000
NOOSE FEDERAL COM #8H	04/04/2014	38.9900	108.0000	210.0000
NOOSE FEDERAL COM #8H	04/03/2014	33.4100	92.0000	200.0000
NOOSE FEDERAL COM #8H	04/02/2014	39.6800	97.0000	210.0000
NOOSE FEDERAL COM #8H	04/01/2014	44.5400	100.0000	200.0000
Monthly Average:		40.9553	101.9000	199.0000
NOOSE FEDERAL COM #8H	03/31/2014	45.9300	108.0000	210.0000
NOOSE FEDERAL COM #8H	03/30/2014	38.9800	87.0000	210.0000
NOOSE FEDERAL COM #8H	03/29/2014	44.5500	96.0000	200.0000
NOOSE FEDERAL COM #8H	03/28/2014	38.9800	96.0000	190.0000
NOOSE FEDERAL COM #8H	03/27/2014	44.5500	109.0000	220.0000
NOOSE FEDERAL COM #8H	03/26/2014	47.3400	111.0000	210.0000
NOOSE FEDERAL COM #8H	03/25/2014	38.9700	96.0000	180.0000
NOOSE FEDERAL COM #8H	03/24/2014	36.9100	102.0000	220.0000
NOOSE FEDERAL COM #8H	03/23/2014	41.7700	95.0000	200.0000
NOOSE FEDERAL COM #8H	03/22/2014	38.2900	94.0000	200.0000
NOOSE FEDERAL COM #8H	03/21/2014	44.5500	104.0000	190.0000
NOOSE FEDERAL COM #8H	03/20/2014	44.5600	99.0000	200.0000
NOOSE FEDERAL COM #8H	03/19/2014	41.7600	99.0000	200.0000
NOOSE FEDERAL COM #8H	03/18/2014	41.7700	96.0000	210.0000
NOOSE FEDERAL COM #8H	03/17/2014	47.3400	103.0000	200.0000
NOOSE FEDERAL COM #8H	03/16/2014	41.7700	99.0000	210.0000
NOOSE FEDERAL COM #8H	03/15/2014	39.7300	104.0000	200.0000
NOOSE FEDERAL COM #8H	03/14/2014	41.7600	96.0000	200.0000
NOOSE FEDERAL COM #8H	03/13/2014	41.0600	100.0000	200.0000
NOOSE FEDERAL COM #8H	03/12/2014	41.7600	103.0000	200.0000
NOOSE FEDERAL COM #8H	03/11/2014	38.9800	104.0000	200.0000
NOOSE FEDERAL COM #8H	03/10/2014	36.2000	116.0000	220.0000
NOOSE FEDERAL COM #8H	03/09/2014	41.7700	106.0000	200.0000
NOOSE FEDERAL COM #8H	03/08/2014	44.5500	103.0000	210.0000
NOOSE FEDERAL COM #8H	03/07/2014	38.9800	107.0000	260.0000
NOOSE FEDERAL COM #8H	03/06/2014	43.1900	106.0000	190.0000
NOOSE FEDERAL COM #8H	03/05/2014	40.4400	108.0000	260.0000

Noose Federal #8H
Production Data

NOOSE FEDERAL COM #8H	03/04/2014	50.1300	114.0000	200.0000
NOOSE FEDERAL COM #8H	03/03/2014	41.7600	102.0000	250.0000
NOOSE FEDERAL COM #8H	03/02/2014	44.5600	105.0000	210.0000
NOOSE FEDERAL COM #8H	03/01/2014	44.5500	104.0000	170.0000
Monthly Average:		42.1755	102.3226	207.0968
NOOSE FEDERAL COM #8H	02/28/2014	41.7700	110.0000	250.0000
NOOSE FEDERAL COM #8H	02/27/2014	44.5500	95.0000	180.0000
NOOSE FEDERAL COM #8H	02/26/2014	47.3300	114.0000	240.0000
NOOSE FEDERAL COM #8H	02/25/2014	39.0500	97.0000	200.0000
NOOSE FEDERAL COM #8H	02/24/2014	47.3300	117.0000	260.0000
NOOSE FEDERAL COM #8H	02/23/2014	50.1100	108.0000	260.0000
NOOSE FEDERAL COM #8H	02/22/2014	44.5500	100.0000	210.0000
NOOSE FEDERAL COM #8H	02/21/2014	48.7200	101.0000	190.0000
NOOSE FEDERAL COM #8H	02/20/2014	36.2000	72.0000	200.0000
NOOSE FEDERAL COM #8H	02/19/2014	47.3400	109.0000	200.0000
NOOSE FEDERAL COM #8H	02/18/2014	41.7600	108.0000	270.0000
NOOSE FEDERAL COM #8H	02/17/2014	47.3700	104.0000	190.0000
NOOSE FEDERAL COM #8H	02/16/2014	50.1300	117.0000	230.0000
NOOSE FEDERAL COM #8H	02/15/2014	44.5500	113.0000	280.0000
NOOSE FEDERAL COM #8H	02/14/2014	41.7700	106.0000	160.0000
NOOSE FEDERAL COM #8H	02/13/2014	52.9000	112.0000	280.0000
NOOSE FEDERAL COM #8H	02/12/2014	47.3400	110.0000	210.0000
NOOSE FEDERAL COM #8H	02/11/2014	44.5500	105.0000	230.0000
NOOSE FEDERAL COM #8H	02/10/2014	38.2900	94.0000	200.0000
NOOSE FEDERAL COM #8H	02/09/2014	47.3300	117.0000	290.0000
NOOSE FEDERAL COM #8H	02/08/2014	47.3200	104.0000	210.0000
NOOSE FEDERAL COM #8H	02/07/2014	44.5500	105.0000	220.0000
NOOSE FEDERAL COM #8H	02/06/2014	47.3400	100.0000	200.0000
NOOSE FEDERAL COM #8H	02/05/2014	47.3400	92.0000	230.0000
NOOSE FEDERAL COM #8H	02/04/2014	42.4600	103.0000	210.0000
NOOSE FEDERAL COM #8H	02/03/2014	58.4700	107.0000	290.0000
NOOSE FEDERAL COM #8H	02/02/2014	44.5500	103.0000	220.0000
NOOSE FEDERAL COM #8H	02/01/2014	41.7700	102.0000	210.0000
Monthly Average:		45.5979	104.4843	225.7143
NOOSE FEDERAL COM #8H	01/31/2014	47.3400	104.0000	230.0000
NOOSE FEDERAL COM #8H	01/30/2014	38.9800	100.0000	240.0000
NOOSE FEDERAL COM #8H	01/29/2014	47.3400	96.0000	210.0000
NOOSE FEDERAL COM #8H	01/28/2014	44.5500	89.0000	310.0000
NOOSE FEDERAL COM #8H	01/27/2014	47.3400	103.0000	140.0000
NOOSE FEDERAL COM #8H	01/26/2014	38.9800	90.0000	230.0000
NOOSE FEDERAL COM #8H	01/25/2014	52.9000	112.0000	270.0000
NOOSE FEDERAL COM #8H	01/24/2014	44.5400	93.0000	210.0000
NOOSE FEDERAL COM #8H	01/23/2014	38.9700	94.0000	220.0000
NOOSE FEDERAL COM #8H	01/22/2014	52.9100	90.0000	310.0000
NOOSE FEDERAL COM #8H	01/21/2014	44.5500	90.0000	210.0000
NOOSE FEDERAL COM #8H	01/20/2014	59.8700	90.0000	240.0000
NOOSE FEDERAL COM #8H	01/19/2014	49.4200	90.0000	210.0000
NOOSE FEDERAL COM #8H	01/18/2014	44.5400	103.0000	300.0000
NOOSE FEDERAL COM #8H	01/17/2014	22.2800	93.0000	210.0000
NOOSE FEDERAL COM #8H	01/16/2014	41.7700	95.0000	210.0000
NOOSE FEDERAL COM #8H	01/15/2014	44.5500	96.0000	270.0000
NOOSE FEDERAL COM #8H	01/14/2014	50.1200	34.0000	220.0000
NOOSE FEDERAL COM #8H	01/13/2014	44.5500	32.0000	250.0000
NOOSE FEDERAL COM #8H	01/12/2014	41.7700	26.0000	190.0000
NOOSE FEDERAL COM #8H	01/11/2014	38.9800	34.0000	230.0000
NOOSE FEDERAL COM #8H	01/10/2014	47.3400	45.0000	220.0000
NOOSE FEDERAL COM #8H	01/09/2014	30.6500	43.0000	160.0000
NOOSE FEDERAL COM #8H	01/08/2014	50.1200	66.0000	280.0000
NOOSE FEDERAL COM #8H	01/07/2014	44.5400	84.0000	200.0000
NOOSE FEDERAL COM #8H	01/06/2014	34.1000	73.0000	210.0000
NOOSE FEDERAL COM #8H	01/05/2014	22.2800	104.0000	230.0000

Noose Federal #8H
Production Data

NOOSE FEDERAL COM #8H	01/04/2014	44.5500	94.0000	270.0000
NOOSE FEDERAL COM #8H	01/03/2014	44.5500	90.0000	210.0000
NOOSE FEDERAL COM #8H	01/02/2014	44.5500	93.0000	270.0000
NOOSE FEDERAL COM #8H	01/01/2014	54.2900	104.0000	200.0000
Monthly Average:		43.6523	82.2581	230.9677

Lakewood Area

Tank Battery Operational Description

Test Method Allocation

Summary

The following is a description of the facility operations at a standard tank battery installed in the Lakewood area. The plan of development for this area includes the installation of one tank battery per half section. Each battery will be equipped to handle 4 producing wells from that half section.

Operational Description

1. Flowlines from producing wells terminate into the test/production header which serves as the inlet to the tank battery. From the header, one well can be put in test while the remaining wells are combined in the production header for separation and storage of produced fluids. The test/production header is illustrated in Figure 1 below. In this diagram, the shaded valves indicate a closed position. Therefore, this illustration shows well "1H" to be in test while the remaining wells are routed to the 2-Phase Separator. Using the valves in the header, any single well can be isolated from the remaining wells and placed into test.

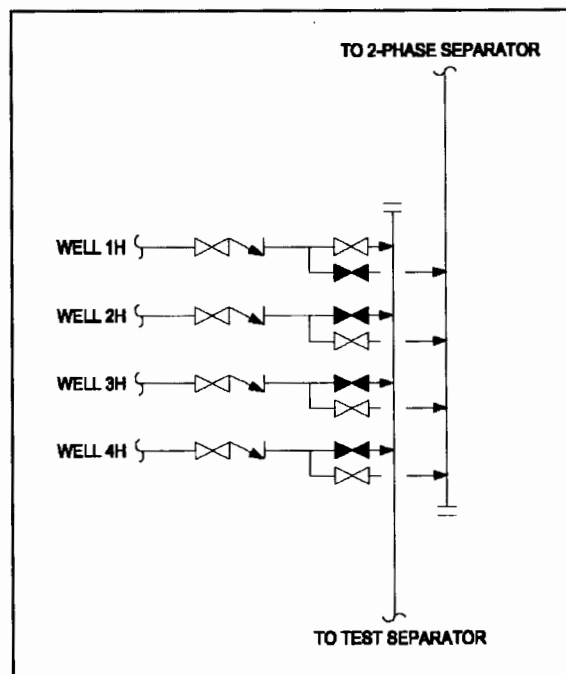


Figure 1: Test/Production Header Diagram

2. The test separator is a 3-phase horizontal separator used for measuring produced fluids from a given well. Separate meters are used for measuring oil, water, and gas from the production well. Turbine meters are used for measuring oil and water flow while an orifice meter is used

for measuring gas flow. Once the produced fluids have been metered, all three phases are recombined and routed to the 2-phase separator where the well is tied in with the bulk fluids from other wells. A diagram of the test separator is shown in Figure 2 below.

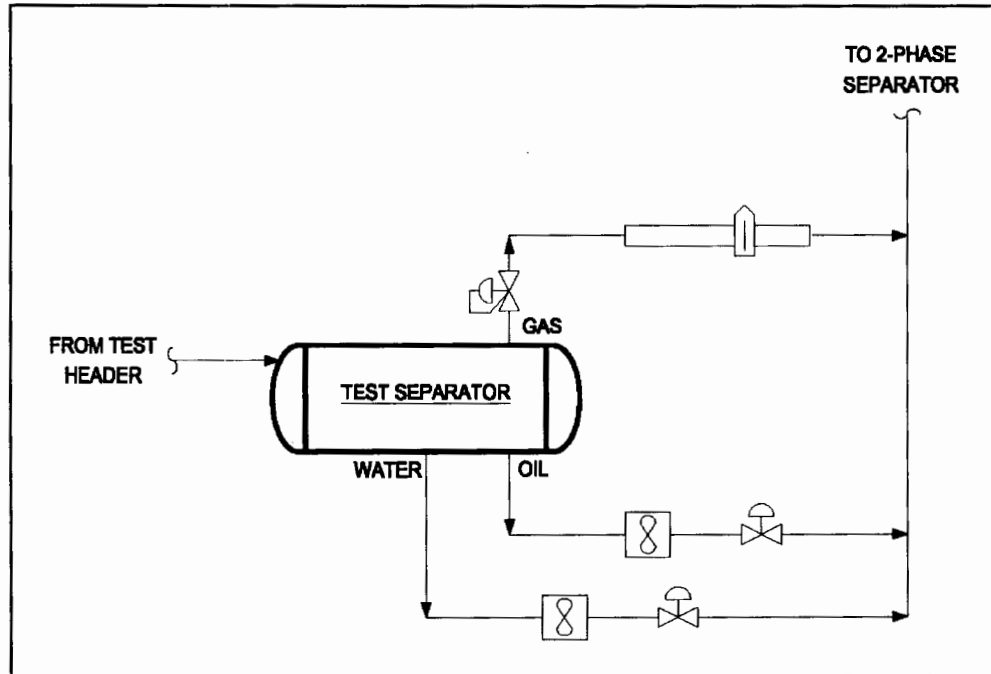


Figure 2: Test Separator with 3-Phase Metering

3. The test separator 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. When a well is placed in test, it will remain in test for a minimum of 3 days. This allows adequate time for the well to level out and accurate daily production rates to be measured. Each well will be placed in test once a month at a minimum. Given the number of wells and the duration of well tests, it is likely that each well could be tested as often as 2-3 times per month. Allocation of co-mingled production will be based on average well tests taken during the previous month.
4. Fluids from the production header are routed to the 2-Phase Separator where gas and liquids are separated. Gas is sent directly to the gas sales system and liquids are sent to the FWKO for further separation. In addition to providing a means of bulk gas/liquid separation, this vessel also helps to alleviate slugs of fluid which enter the system and would otherwise disrupt the separation process.
5. Liquids from the 2-Phase Separator are sent to the Free Water Knock Out (FWKO). The primary function of this vessel is to provide sufficient retention time for oil and water to separate. Water from the FWKO is sent to water storage tanks. Oil from the FWKO is sent to the Heater-Treater for a final stage of polishing and water removal. Any gas that flashes off in this stage of separation is tied directly into the gas sales system.
6. Oil from the FWKO is routed to the Heater-Treater wherein heat is applied to help break any remaining emulsions and remove water from the oil stream. Oil from the Heater-Treater is sent

to the oil storage tanks. Water from the Heater-Treater is tied into the water line from the FWKO going to the storage tanks. Any gas that flashes off in this stage of separation is tied directly into the gas sales system.

7. Oil from the Heater-Treater is sent to 500 BBL oil tanks located on site. These tanks allow for storage of oil prior to sales through a pipeline LACT or trucking. Valves are installed on each tank to provide the ability to isolate a tank for sales or to further treat the fluids by circulating back through the separation process. Oil tanks are connected together with a common overflow line that serves to prevent spills caused by over running a single tank.
8. Water from the FWKO and Heater Treater is sent to 500 BBL water tanks located on site. These tanks provide water storage prior to being pumped into the salt water disposal (SWD) system. One water tank is used as the primary tank for water handling while the second tank provides overflow protection and operational flexibility. A transfer pump is connected to the water tanks and is operated automatically by the facility PLC based on the level of water in the tanks. This pump discharges into the SWD system which gathers and disposes of produced water.

Attachments

- Process Flow Diagram: Lakewood Area Standard Tank Battery