

06/17/2014 DATE IN	SUSPENSE	HCM:ln ENGINEER	06/17/2014 LOGGED IN	CTB SCM TYPE	PEH1416958333 APP NO.
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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]

- C TB
- COG OPERATING
229137

[1] TYPE OF APPLICATION - Check Those Which Apply for [A] Sherman 4 Fee #5H 30-015-42205

[A] Location - Spacing Unit - Simultaneous Dedication Sherman 4 Fee #1 30-015-39589

☐ NSL ☐ NSP ☐ SD Sherman 4 Fee #2H 30-015-42204

Sherman 4 Fee #6H 30-015-41666

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 _____

229137
COG OPERATING LLC
30-015-42205
30-015-39589
30-015-42204
30-015-41666
2001 3250
ATOKA: GIORIETA-YES

[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

Title

06/09/14

Date

kcastillo@concho.com

e-mail Address



June 9, 2014

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

Re: Surface Commingle

Mr. Ezeanyim,

COG Operating LLC respectfully requests approval for Surface Commingle on our Sherman 4 Fee Lease. The CTB is located at the Sherman 4 Fee #6H well.

Sherman 4 Fee 1
Eddy County, NM
API # 30-015-39589
Surface: 612 FSL & 380 FWL
Sec 4, T19S, R26E, Unit M

Sherman 4 Fee 5H
Eddy County, NM
API # 30-015-42205
Surface: 150 FSL & 1175 FWL
Sec 4, T19S, R26E, Unit M

Sherman 4 Fee 2H
Eddy County, NM
API #: 30-015-42204
Surface: 150 FSL & 1645 FWL
Sec 4, T19S, R26E, Unit N

Sherman 4 Fee 6H
Eddy County, NM
API #: 30-015-41666
Surface: 150 FSL & 2260 FWL
Sec 4, T17S, R26E, Unit N

Consolidating our battery facilities will extend the economic life for these wells and lessen surface disturbance. We will allocate production using the monthly well test method. Our well test will cycle out every three days, testing each well for 3 days each. Once all four of these wells are drilled and producing they will be tested every 12 days to allow for accurate testing. Our "Tank Battery Operational Description" is attached with a detailed description of our test method allocation. Commingling will not reduce the value of production.

This Battery has diverse ownership for all wells going into that facility. These wells will be producing from the Atoka; Glorieta - Yeso, 3250. The Sherman #4 is the only well drilled and producing at this time. I have attached two months of production data showing this well to be a marginal well. Also attached is 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 and publication.

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: 600 West Illinois, 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. Atoka;Glorieta-Yeso, 3250
(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) Monthly Well tests

(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. Castillo TITLE: Lead Regulatory Analyst DATE: 6/09/14

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

E-MAIL ADDRESS: kcastillo@concho.com

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, New Mexico 87505

Revised August 1, 2011
 Submit one copy to appropriate
 District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-39589	Pool Code 3250	Pool Name Atoka;Glorieta-Yeso
Property Code 38909	Property Name SHERMAN 4 FEE	Well Number 1
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3356'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	4	19-S	26-E		612	SOUTH	380	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

Dedicated Acres 40	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

LOT 4	LOT 3	LOT 2	LOT 1
		GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y=612588.8 N X=481376.1 E LAT.=32.684091° N LONG.=104.393865° W	
<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> </div> <div style="width: 80%;"> <p>OPERATOR CERTIFICATION</p> <p>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.</p> <p><i>KC</i> 1/8/13 Signature Date Kanicia Castillo Printed Name kcastillo@concho.com E-mail Address</p> <p>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>SEPTEMBER 12, 2011</p> <p>Date of Survey Signature & Seal of Professional Surveyor: Ronald J. Eidson Certificate Number 3239 Gary C. Eidson 12641 AR Rev. 10/18/11 WSC W.O.: 11.11.1762</p> </div> </div>			

DISTRICT I
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DISTRICT III
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Phone (505) 334-6178 Fax (505) 334-6170

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 476-7460 Fax (505) 476-3462

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-42204	Pool Code 3250	Pool Name Atoka;Glorieta-Yeso
Property Code 38909	Property Name SHERMAN 4 FEE	Well Number 2H
GRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3349'

Surface Location


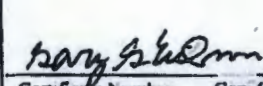
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	4	19-S	26-E		150	SOUTH	1645	WEST	EDDY

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
3	4	19-S	26-E		330	NORTH	1650	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
160			

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>CORNER COORDINATES TABLE</p> <p>A - Y=617241.2 N, X=482293.4 E B - Y=617249.4 N, X=483613.2 E C - Y=611991.5 N, X=483626.0 E D - Y=611983.0 N, X=482312.6 E</p> <p>GEODETIC COORDINATES NAD 27 NME</p> <p>SURFACE LOCATION Y=612135.1 N X=482642.9 E</p> <p>BOTTOM HOLE LOCATION Y=616913.3 N X=482624.7 E</p>	<p>OPERATOR CERTIFICATION</p> <p>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.</p> <p> 5/28/14 Signature Date Kanicia Castillo Printed Name kcastillo@concho.com E-mail Address</p> <p>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>JANUARY 13, 2014</p> <p>Date of Survey Signature & Seal of Professional Surveyor</p> <p> 1/27/14 Certificate Number Gary G. Eidson 12641 Ronald J. Eidson 3239 BKL JWSC W O 14 11 0024</p>
--	--

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

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

DAMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-42205	Pool Code 3250	Pool Name Atoka;Glorieta-Yeso
Property Code 38909	Property Name SHERMAN 4 FEE	Well Number 5H
(KIRI) No 229137	Operator Name COG OPERATING, LLC	Elevation 3350'

Surface Location

TL. or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	Last West line	County
M	4	19-S	26-E		150	SOUTH	1175	WEST	EDDY

Bottom Hole Location If Different From Surface

TL. or lot No	Section	Township	Range	Lot Idn	Feet from the	North South line	Feet from the	East/West line	County
D	4	19-S	26-E		330	NORTH	990	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No
160			

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

CORNER COORDINATES TABLE

A - Y=617232.9 N, X=480973.6 E
B - Y=617241.1 N, X=482293.4 E
C - Y=611983.0 N, X=482312.6 E
D - Y=611974.5 N, X=480999.1 E

GEODETTIC COORDINATES
NAD 27 NME

SURFACE LOCATION
Y=612132.2 N
X=482173.1 E

BOTTOM HOLE LOCATION
Y=616909.2 N
X=481964.9 E

GRID AZ.=357°30'16"
HORIZ. DIST.=4782.9'

1175'

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.

Kanicia Castillo 5/28/14
Signature Date
Kanicia Castillo
Printed Name
kcastillo@concho.com
E-mail Address

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 14, 2013

Date of Survey
Signature & Seal of Professional Surveyor
Ronald J. Eidson 11/21/2013
Certificate Number Gary G. Eidson / 12641
Ronald J. Eidson 3239
BKT. JAWK W O 13 11276

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-41666	Pool Code 3250	Pool Name Atoka;Glorieta-Yeso
Property Code 38909	Property Name SHERMAN 4 FEE	Well Number 6H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3348

Surface Location

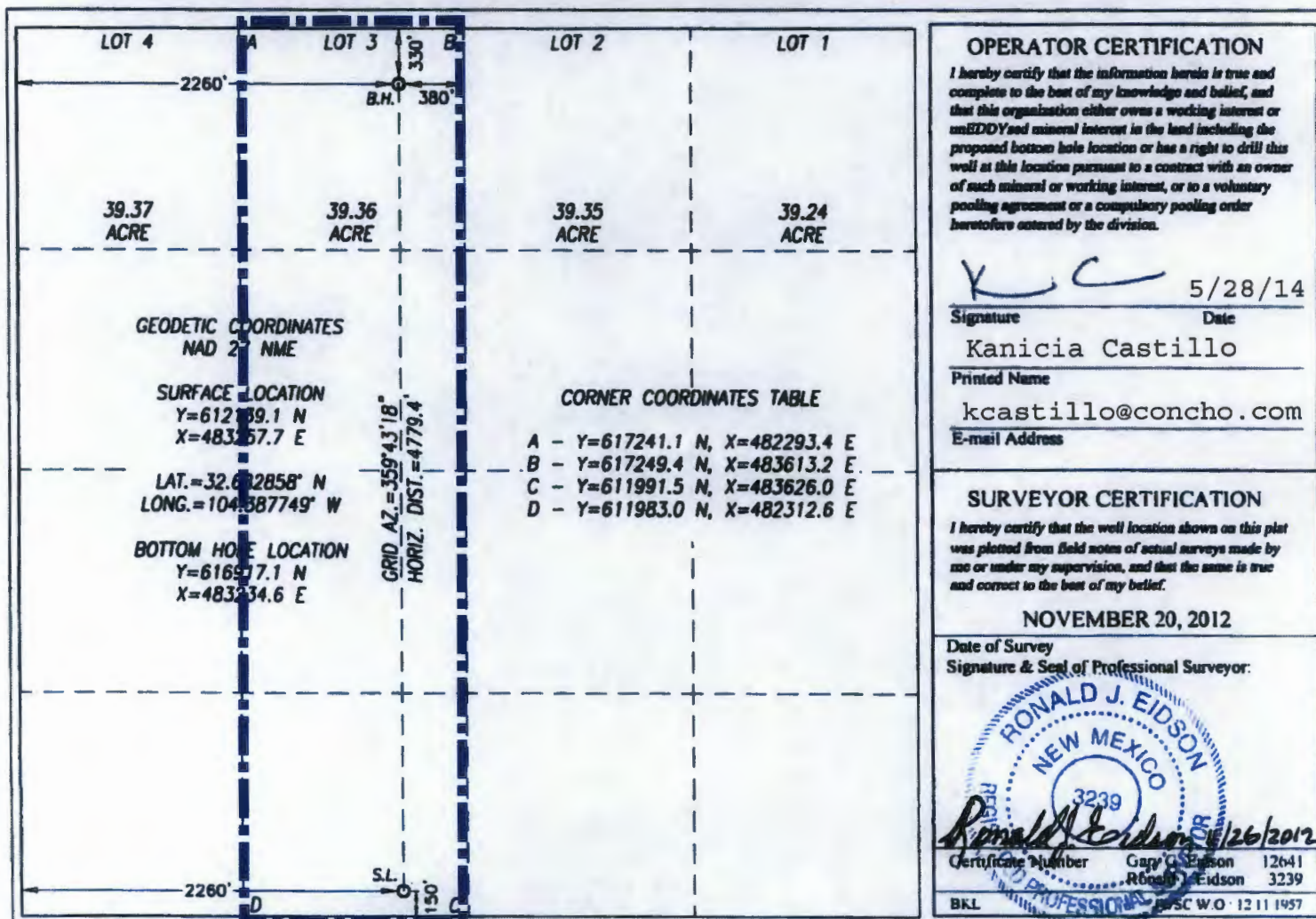
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	4	19-S	26-E		150	SOUTH	2260	WEST	EDDY

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
3	4	19-S	26-E		330	NORTH	2260	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
160			

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



Sherman 4 Fee #6H "A" Battery



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.

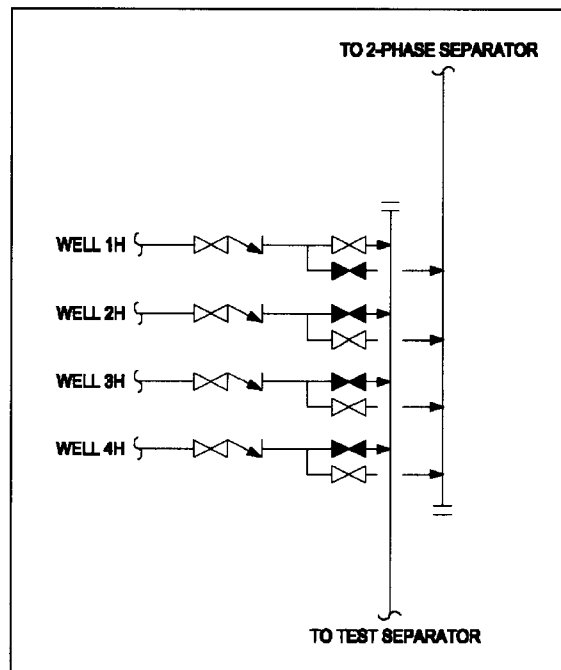


Figure 1: Test/Production Header Diagram

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.

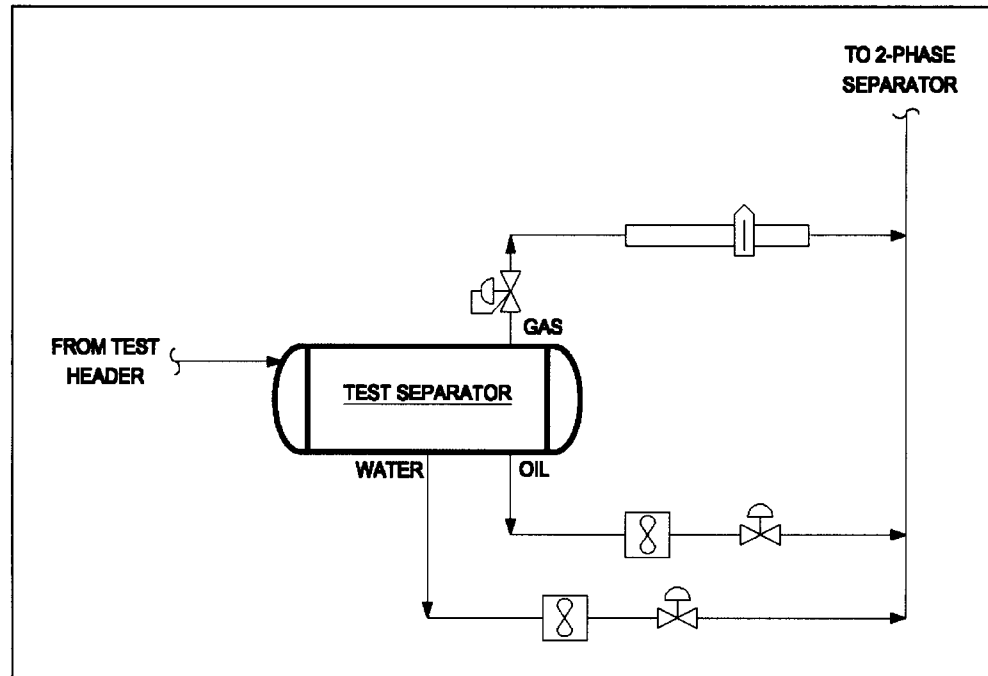


Figure 2: Test Separator with 3-Phase Metering

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

COG Operating LLC
 Sherman 4 Fee #6H Battery
 N-4-19S-26E
 150 FSL & 2260 FWL
 Eddy County, New Mexico

Wells:

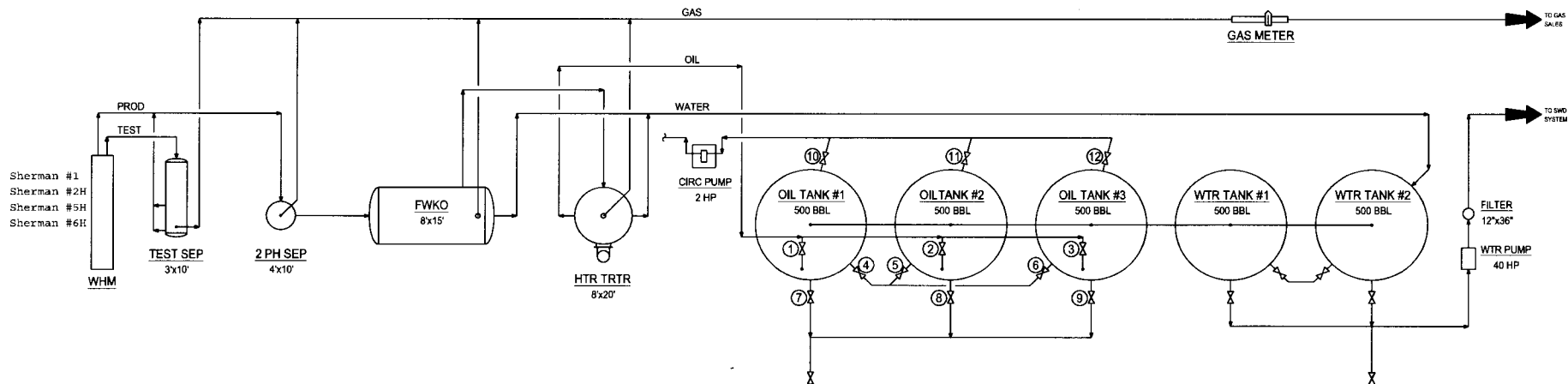
Sherman 4 Fee #1 API# 30-015-39589
 Sherman 4 Fee #2H API# 30-015-42204
 Sherman 4 Fee #5H API# 30-015-42205
 Sherman 4 Fee #6H API# 30-015-41666

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



NOTES:

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, NOR USED FOR ANY PURPOSE OTHER THAN THAT WHICH IT IS SPECIFICALLY FURNISHED.

REFERENCE DRAWINGS

NO.	TITLE
1	COG OPERATING LLC 800 WEST ILLINOIS AVENUE MIDLAND, TEXAS 79701

REVISIONS

NO.	DATE	DESCRIPTION	BY	CHK.	APP.
1	06/01/12	ISSUE FOR SITE PERMITTING	CRB		

ENGINEERING RECORD

BY	DATE
DRN: CRB	06/01/12
DES: CRB	06/01/12
CHK:	
APP:	
DATE NO:	
FACIL ENGR: C. BLEDSOE	
OPER ENGR: VARIES	
SCALE: NONE	



NEW MEXICO SHELF ASSET
 PRODUCTION FACILITIES
 SITE FACILITY DIAGRAM
 STANDARD TANK BATTERY "A"

EDDY COUNTY

NEW MEXICO

TOWNSHIP/RANGE

MULTIPLE

DWG NO. D-1700-81-005

REV A

Sherman 4 Fee 6H Battery
Notices

Name	Address	Certified Mail #
Marilyn Shriver Hansen	7102 Meadowlake Dallas, TX 75214	91 7199 9991 7033 5027 2508
Kenneth Hansen	7102 Meadowlake Dallas, TX 75214	91 7199 9991 7033 5027 2492
Yates Petroleum Corporation	105 Fourth Street Artesia, NM 88210	91 7199 9991 7033 5027 2485
Abo Petroleum Corporation	105 Fourth Street Artesia, NM 88210	91 7199 9991 7033 5027 2478
Oxy Y-1 Company	5 Greenway Plaze Ste. 110 Houston, TX 77046	91 7199 9991 7033 5027 2461
Myco Industries, Inc.	105 Fourth Street Artesia, NM 88210 P.O. Box 300	91 7199 9991 7033 5027 2454
Losee Investments LLC	Artesia, NM 88211	91 7199 9991 7033 5027 2447
Ross Duncan Properties LLC	P.O. Box 647 Artesia, NM 88211	91 7199 9991 7033 5027 2430
Southwest Petroleum Land Services LLC	1901 W. 4th St. Roswell, NM 88201	91 7199 9991 7033 5027 2423
B&G Royalties, a partnership	P.O. Box 376 Artesia, NM 88211 1412 East 8th Street	91 7199 9991 7033 5027 2416
Panhandle Properties LLC	Odessa, TX 79761	91 7199 9991 7033 5027 2409
Cliff G. Currier	P.O. Box 540 Artesia, NM 88211 1517 Vineyard Court	91 7199 9991 7033 5027 2393
Michael C. Currier	Carlsbad, NM 88220 14621 Tarpon Drive	91 7199 9991 7033 5027 2386
The heirs or dvisees of Chester Hunter	Coral Gables, FL 33158 14621 Tarpon Drive	91 7199 9991 7033 5027 2379
Nelly Luisa Hunter	Coral Gables, FL 33158	91 7199 9991 7033 5027 2362
Wilke Ltd. Co.	P.O. Box 1653 Artesia, NM 88211	91 7199 9991 7033 5027 2355
Cynthia Sherrill and Thomas Hanson, as Trustees of The Sherill Family Trust	193 South 200E St. George, UT 84770 1601 Ramfield Road	91 7199 9991 7033 5027 2188
William C. Davis, whose wife is Carol Anne Davis	Corpus Christi, TX 78418 433 Caldwell Place	91 7199 9991 7033 5027 2331
Virgina D. Schmidt	Montgomery, AL 36109	91 7199 9991 7033 5027 2324
New Mexico State Highway and Transportation Department	P.O. Box 1149 Santa Fe, NM 87504	91 7199 9991 7033 5027 2317

Sherman 4 Fee 6H Battery

Notices

Nearburg Exploration Company, LLC	3904 Euclid Ave Dalas TX 75205 16079 Pescados Drive	91 7199 9991 7033 5027 2300
Georgia D. Klingelberg	La Mirada, CA 90638 15 West Padre	91 7199 9991 7033 5027 2294
John M. Stevenson aka Michael J. Stevenson	Santa Barbara, CA 93105 P.O. Box 923	91 7199 9991 7033 5027 2287
Janice L. Stevenson	Joseph, OR 97846 1930 Ybarra Ave.	91 7199 9991 7033 5027 2207
Jill K. Stevenson	Santa Maria, CA 93458 1542 West Swallow St.	91 7199 9991 7033 5027 2263
Frank Michael Stevenson	Santa Maria, CA 93454 1542 West Swallow St.	91 7199 9991 7033 5027 2256
John David Stevenson	Santa Maria, CA 93454 2308 West Curlew Ave.	91 7199 9991 7033 5027 2249
Daniel M. Stevenson	Nampa, ID 83651 834 Mayweather Lane	91 7199 9991 7033 5027 2232
Carrie Suzanne Russell Kessner	Richmond, TX 77406 3303 River Forrest Dr.	91 7199 9991 7033 5027 2225
Hazel Jean Russell Rosenberger	Richmond, TX 77406 433 Caldwell Place	91 7199 9991 7033 5027 2218
Virginia D. Schmidt	Montgomery, AL 36109	91 7199 9991 7033 5027 2164
Georgia Jeanne Klingelberg, aka Georgia D. Klingelburg	16079 Pescados Drive La Mirada, CA 90638 PO Box 1465	91 7199 9991 7033 5027 2140
Irwin L. Smith and his wife, Darlene N. Smith, JT	Artesia, NM 88211 3500 West Ohio	91 7199 9991 7033 5027 2119
Cynthia Schneider	Midland, TX 79703 2509 20th Street	91 7199 9991 7033 5027 2102
Stephanie Hudson	Lubbock, TX 79410 2509 20th Street	91 7199 9991 7033 5027 2096
Co-trustees of The Bogart Hudson Family Trust	Lubbock, TX 79410 PO Box 8	91 7199 9991 7033 5027 2089
Belinda Jean Bogart Goode and James Don Goode	Happy, TX 79042	91 7199 9991 7033 5027 2065

Sherman 4 Fee 6H Battery
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Kenneth Eugene Harrell	2520 22nd Street Lubbock, TX 79401	91 7199 9991 7033 5027 2058
Matthew Shawn Harrell	2520 22nd Street Lubbock, TX 79401	91 7199 9991 7033 5027 2041
Shannon Brooke Harrell	2520 22nd Street Lubbock, TX 79401	91 7199 9991 7033 5027 2027
Lynlee Ann Harrell	2520 22nd Street Lubbock, TX 79401	91 7199 9991 7033 5027 2010
Stephanie Hudson, a life estate, with remainder t	2509 20th Street Lubbock, TX 79410	91 7199 9991 7033 4974 9516
Sharaon Lee Hudson, aka Sherry Hudson, a life es	2545 FM 179 Hale Center, TX 76041	91 7199 9991 7033 4974 9523
Daniel Carrol Price	1508 South Lea Roswell, NM 88203	91 7199 9991 7033 4974 9530
David Earl Price	613 S. Plains Park Roswell, NM 88203	91 7199 9991 7033 4974 9547
DDDF Company, Inc.	P.O. Box 465 Midland, TX 79702	91 7199 9991 7033 4974 9554
Ralph L. Way	306 W. Wall St., Suite 410 Midland, TX 79707	91 7199 9991 7033 4974 9561
Debbie Neujahr	PO Box 3753 Littleton, CO 80161	91 7199 9991 7033 4974 9578
William J. McCaw and Nancy K. McCaw	Box 376 Artesia, Nm 88211	91 7199 9991 7033 4974 9585
Donald Fanning & Sons, Inc.	#50 Fanning Road Artesia, NM 88210	91 7199 9991 7033 5027 2157
Barbara Kay Scott	11827 153rd St. Ct. E Puyallup, WA 98374	91 7199 9991 7033 5389 3977
John Donald Clayton	P.O. Box 3183 Carlsbad, NM 88221	91 7199 9991 7033 5027 2034
Leon Jay Clayton	459 W. Balsam Dr. Chandler, AZ 85248	91 7199 9991 7033 5027 2072
James Harris Livingston, Jr.	Chaves County New Mexico/ No Address	0.00572920
Jean Nalley Hay	Roger Mills County Oklahoma/ No Address	0.01527780
Kathy Schmidt	No Address	0.00347220

Sherman 4 Fee 6H Battery
Notices

Lana Russell

No Address

0.00347220

LEGAL NOTICE

COG Operating, LLC is applying to surface commingle four oil wells to a central tank battery in Eddy County, New Mexico. The central tank battery is located at the Sherman 4 Fee #6H well. The four wells, details, and locations are the following:

Sherman 4 Fee #1, located in the southwest quarter of section 4, T19S, R26E, Unit M, 612'FSL & 380'FWL.

Sherman 4 Fee #2H, located in the southwest quarter of section 4, T19S, R26E, Unit N, 150'FSL 1645'FWL.

Sherman 4 Fee #5H, located in the southwest quarter of section 4, T19S, R26E, Unit M, 150'FSL & 1175'FWL.

Sherman 4 Fee #6H, located in the southwest quarter of section 4, T19S, R26E, Unit N, 150'FSL & 2260'FWL.

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., June 12 2014 Legal No. 23025.

March / April 2014 Production Data

Daily Prod	Entity Name	Route Name	Prod Date	Oil Volume	Oil Prod 30 Day Avg	Gas Volume	Gas 30 Day Average	Water Volume	Water 30 Day Avg
SHERMAN 4 FEE #1		Lakewood	04/30/2014	4.1600	5.26	6.0000	3.93	50.0000	50.40
SHERMAN 4 FEE #1		Lakewood	04/29/2014	13.8500	5.22	5.0000	4.13	81.0000	50.37
SHERMAN 4 FEE #1		Lakewood	04/28/2014	1.3800	5.03	17.0000	4.33	103.0000	49.30
SHERMAN 4 FEE #1		Lakewood	04/27/2014	0.0000	5.17	0.0000	3.87	0.0000	48.37
SHERMAN 4 FEE #1		Lakewood	04/26/2014	0.0000	5.26	0.0000	4.17	0.0000	50.00
SHERMAN 4 FEE #1		Lakewood	04/25/2014	1.3900	5.45	0.0000	4.60	24.0000	51.67
SHERMAN 4 FEE #1		Lakewood	04/24/2014	5.5400	5.65	2.0000	4.97	54.0000	52.50
SHERMAN 4 FEE #1		Lakewood	04/23/2014	5.5400	5.84	1.0000	5.27	51.0000	53.13
SHERMAN 4 FEE #1		Lakewood	04/22/2014	5.5400	5.84	2.0000	5.57	53.0000	53.07
SHERMAN 4 FEE #1		Lakewood	04/21/2014	5.5400	5.75	6.0000	5.83	54.0000	53.70
SHERMAN 4 FEE #1		Lakewood	04/20/2014	0.0000	5.75	0.0000	6.00	55.0000	53.53
SHERMAN 4 FEE #1		Lakewood	04/19/2014	5.5400	6.02	0.0000	6.40	28.0000	53.40
SHERMAN 4 FEE #1		Lakewood	04/18/2014	8.3100	6.21	1.0000	6.80	75.0000	54.07
SHERMAN 4 FEE #1		Lakewood	04/17/2014	5.5400	6.12	1.0000	7.13	47.0000	54.03
SHERMAN 4 FEE #1		Lakewood	04/16/2014	5.5400	6.12	2.0000	7.53	49.0000	54.13
SHERMAN 4 FEE #1		Lakewood	04/15/2014	5.5400	6.12	0.0000	7.83	51.0000	54.13
SHERMAN 4 FEE #1		Lakewood	04/14/2014	2.7700	6.12	0.0000	7.97	49.0000	54.87
SHERMAN 4 FEE #1		Lakewood	04/13/2014	2.7700	6.30	0.0000	8.33	53.0000	54.83
SHERMAN 4 FEE #1		Lakewood	04/12/2014	12.4700	6.67	3.0000	8.77	52.0000	55.50
SHERMAN 4 FEE #1		Lakewood	04/11/2014	13.8500	6.53	0.0000	9.10	50.0000	55.43
SHERMAN 4 FEE #1		Lakewood	04/10/2014	5.5400	6.25	3.0000	9.57	45.0000	56.27
SHERMAN 4 FEE #1		Lakewood	04/09/2014	2.7700	6.35	4.0000	9.87	47.0000	56.40
SHERMAN 4 FEE #1		Lakewood	04/08/2014	5.5400	6.62	8.0000	10.10	47.0000	56.43
SHERMAN 4 FEE #1		Lakewood	04/07/2014	2.7600	6.44	10.0000	10.30	52.0000	57.30
SHERMAN 4 FEE #1		Lakewood	04/06/2014	0.0000	6.53	7.0000	10.37	72.0000	57.20
SHERMAN 4 FEE #1		Lakewood	04/05/2014	0.0000	6.81	0.0000	10.60	49.0000	56.57
SHERMAN 4 FEE #1		Lakewood	04/04/2014	5.5400	6.99	5.0000	10.97	50.0000	57.27
SHERMAN 4 FEE #1		Lakewood	04/03/2014	5.5400	6.99	11.0000	10.80	50.0000	57.47
SHERMAN 4 FEE #1		Lakewood	04/02/2014	5.5400	6.99	13.0000	10.53	73.0000	58.23
SHERMAN 4 FEE #1		Lakewood	04/01/2014	19.3900	6.99	11.0000	10.20	48.0000	57.53
SHERMAN 4 FEE #1		Lakewood	03/31/2014	2.7600	6.62	12.0000	9.90	49.0000	57.80
SHERMAN 4 FEE #1		Lakewood	03/30/2014	8.3100	6.81	11.0000	9.60	49.0000	58.63
SHERMAN 4 FEE #1		Lakewood	03/29/2014	5.5400	6.99	3.0000	9.33	75.0000	58.73
SHERMAN 4 FEE #1		Lakewood	03/28/2014	2.7700	7.18	9.0000	9.40	49.0000	58.47
SHERMAN 4 FEE #1		Lakewood	03/27/2014	5.5400	7.36	13.0000	9.20	50.0000	59.17
SHERMAN 4 FEE #1		Lakewood	03/26/2014	7.6100	7.27	11.0000	8.90	49.0000	59.70
SHERMAN 4 FEE #1		Lakewood	03/25/2014	11.0800	7.38	11.0000	8.70	73.0000	60.23
SHERMAN 4 FEE #1		Lakewood	03/24/2014	5.5300	7.38	10.0000	8.47	49.0000	59.87
SHERMAN 4 FEE #1		Lakewood	03/23/2014	2.7700	7.48	10.0000	8.30	72.0000	60.47
SHERMAN 4 FEE #1		Lakewood	03/22/2014	5.5400	7.38	11.0000	8.23	49.0000	60.90
SHERMAN 4 FEE #1		Lakewood	03/21/2014	8.3100	7.48	12.0000	8.10	51.0000	60.87
SHERMAN 4 FEE #1		Lakewood	03/20/2014	11.0700	7.66	12.0000	7.93	48.0000	61.33
SHERMAN 4 FEE #1		Lakewood	03/19/2014	5.5400	7.66	11.0000	7.77	74.0000	61.63

March / April 2014 Production Data

SHERMAN 4 FEE #1	Lakewood	03/18/2014	5.5400	7.62	13.0000	7.63	50.0000	61.40
SHERMAN 4 FEE #1	Lakewood	03/17/2014	5.5400	7.80	11.0000	7.43	49.0000	62.07
SHERMAN 4 FEE #1	Lakewood	03/16/2014	5.5400	8.17	4.0000	7.30	73.0000	62.57
SHERMAN 4 FEE #1	Lakewood	03/15/2014	8.3000	8.68	11.0000	7.43	48.0000	62.97
SHERMAN 4 FEE #1	Lakewood	03/14/2014	13.8500	9.23	13.0000	7.43	73.0000	63.70
SHERMAN 4 FEE #1	Lakewood	03/13/2014	8.3100	9.37	13.0000	7.33	50.0000	63.80
SHERMAN 4 FEE #1	Lakewood	03/12/2014	5.5300	9.32	14.0000	7.33	75.0000	64.83
SHERMAN 4 FEE #1	Lakewood	03/11/2014	8.3100	9.37	12.0000	7.30	49.0000	64.73
SHERMAN 4 FEE #1	Lakewood	03/10/2014	11.0800	9.42	11.0000	7.57	48.0000	65.37
SHERMAN 4 FEE #1	Lakewood	03/09/2014	0.0000	9.46	14.0000	7.87	73.0000	66.17
SHERMAN 4 FEE #1	Lakewood	03/08/2014	5.5300	9.92	12.0000	8.07	49.0000	66.53
SHERMAN 4 FEE #1	Lakewood	03/07/2014	8.3100	10.20	14.0000	8.33	53.0000	67.07
SHERMAN 4 FEE #1	Lakewood	03/06/2014	5.5400	10.15	11.0000	8.53	70.0000	67.57
SHERMAN 4 FEE #1	Lakewood	03/05/2014	5.5400	10.43	0.0000	8.83	56.0000	67.20
SHERMAN 4 FEE #1	Lakewood	03/04/2014	5.5400	10.52	3.0000	9.50	73.0000	68.37
SHERMAN 4 FEE #1	Lakewood	03/03/2014	5.5300	10.80	3.0000	10.40	52.0000	69.43
SHERMAN 4 FEE #1	Lakewood	03/02/2014	8.3100	10.62	2.0000	10.40	56.0000	73.03
SHERMAN 4 FEE #1	Lakewood	03/01/2014	8.3100	10.34	3.0000	11.10	74.0000	75.17
SHERMAN 4 FEE #1	Lakewood	02/28/2014	13.8400	10.06	3.0000	11.00	52.0000	72.70
SHERMAN 4 FEE #1	Lakewood	02/27/2014	11.0800	9.60	5.0000	10.90	67.0000	70.97
SHERMAN 4 FEE #1	Lakewood	02/26/2014	8.3100	9.23	3.0000	10.73	70.0000	68.73
SHERMAN 4 FEE #1	Lakewood	02/25/2014	2.7700	8.96	4.0000	11.70	66.0000	69.17
SHERMAN 4 FEE #1	Lakewood	02/24/2014	11.0700	10.62	5.0000	12.60	65.0000	69.90
SHERMAN 4 FEE #1	Lakewood	02/23/2014	11.0800	10.85	4.0000	13.43	62.0000	70.47
SHERMAN 4 FEE #1	Lakewood	02/22/2014	8.3100	10.85	5.0000	14.30	67.0000	72.70
SHERMAN 4 FEE #1	Lakewood	02/21/2014	0.0000	10.57	8.0000	15.13	85.0000	76.27
SHERMAN 4 FEE #1	Lakewood	02/20/2014	8.3000	10.76	7.0000	15.87	48.0000	74.67
SHERMAN 4 FEE #1	Lakewood	02/19/2014	13.8500	10.48	7.0000	15.63	65.0000	73.07
SHERMAN 4 FEE #1	Lakewood	02/18/2014	11.0700	10.29	7.0000	16.40	57.0000	74.27
SHERMAN 4 FEE #1	Lakewood	02/17/2014	4.1600	10.57	7.0000	17.17	67.0000	75.80
SHERMAN 4 FEE #1	Lakewood	02/16/2014	11.0700	10.43	7.0000	17.93	70.0000	74.70
SHERMAN 4 FEE #1	Lakewood	02/15/2014	16.6200	10.25	7.0000	18.70	64.0000	73.23
SHERMAN 4 FEE #1	Lakewood	02/14/2014	20.7700	9.70	8.0000	19.47	85.0000	74.47
SHERMAN 4 FEE #1	Lakewood	02/13/2014	24.9200	10.11	11.0000	20.20	70.0000	75.37
SHERMAN 4 FEE #1	Lakewood	02/12/2014	18.0100	9.37	10.0000	20.83	76.0000	76.03
SHERMAN 4 FEE #1	Lakewood	02/11/2014	6.9200	8.77	13.0000	21.50	81.0000	76.20
SHERMAN 4 FEE #1	Lakewood	02/10/2014	6.9300	8.54	13.0000	22.07	72.0000	76.57
SHERMAN 4 FEE #1	Lakewood	02/09/2014	9.6900	8.31	20.0000	22.63	68.0000	77.17
SHERMAN 4 FEE #1	Lakewood	02/08/2014	12.4700	7.99	20.0000	22.97	72.0000	78.73
SHERMAN 4 FEE #1	Lakewood	02/07/2014	13.8500	7.57	20.0000	23.30	84.0000	80.43
SHERMAN 4 FEE #1	Lakewood	02/06/2014	13.8500	7.11	20.0000	23.67	65.0000	81.10
SHERMAN 4 FEE #1	Lakewood	02/05/2014	6.9300	6.65	20.0000	24.13	68.0000	83.60
SHERMAN 4 FEE #1	Lakewood	02/04/2014	13.8500	6.42	20.0000	24.43	59.0000	86.10
SHERMAN 4 FEE #1	Lakewood	02/03/2014	8.3100	5.96	20.0000	24.60	91.0000	88.43
SHERMAN 4 FEE #1	Lakewood	02/02/2014	13.8500	5.68	30.0000	24.67	105.0000	89.77

March / April 2014 Production Data

SHERMAN 4 FEE #1	Lakewood	02/01/2014	0.0000	5.22	3.0000	24.37	160.0000	89.83
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