

ABOVE THIS LINE FOR DIVISION USE ONLY

## NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



### ADMINISTRATIVE APPLICATION CHECKLIST

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

#### Application Acronyms:

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

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

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

Check One Only for [B] or [C]

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

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

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

#### [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.

Mayte Reyes  
 Print or Type Name

*Mayte Reyes*  
 Signature

Regulatory Analyst  
 Title

7/18/16  
 Date

mreyes1@concho.com  
 e-mail Address

District I  
1625 N. French Drive, Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St Francis Dr, Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107-B  
Revised August 1, 2011

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

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

**APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP)**

OPERATOR NAME: COG Operating LLC

OPERATOR ADDRESS: 2208 W. Main Street, Artesia, NM 88210

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
Washington Ranch; Morrow South [96856]	BTU: 1.065				
WC-015 G-02 S262503L; Bone Spring [97945]	BTU: 1.098				
Cottonwood Spring; Morrow Gas [96612]	BTU: 1.101				

- (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.  
(2) Is all production from same source of supply? ☐ Yes ☐ No  
(3) Has all interest owners been notified by certified mail of the proposed commingling? ☐ Yes ☐ No  
(4) Measurement type: ☐ Metering ☐ Other (Specify)

**(C) POOL and LEASE COMMINGLING**

Please attach sheets with the following information

- (1) Complete Sections A and E.

**(D) OFF-LEASE STORAGE and MEASUREMENT**

Please attached sheets with the following information

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

**(E) ADDITIONAL INFORMATION (for all application types)**

Please attach sheets with the following information

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

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

SIGNATURE: Mayte Reyes

TITLE: Regulatory Analyst

DATE: 7/18/16

TYPE OR PRINT NAME Mayte Reyes

TELEPHONE NO.: 575-748-6945

E-MAIL ADDRESS mreyes1@concho.com

# APPLICATION FOR SURFACE POOL/LEASE COMMINGLE & OFF-LEASE-SALES GAS ONLY

RECEIVED OGD

## Proposal for Primero Fed #1, Yellowstone 3 Fed #3 and Federal CU #1:

COG Operating LLC respectfully request approval for Surface Pool/Lease Commingle and Off-LEASE Sales gas only for the following wells: 24

### Federal Lease NMNM100316 Royalty Rate 12.5%

Well Name	Location	API #	Pool [96856]	BOPD	Oil Gravities	MCFPD	BTU
Primero Fed #1	Sec. 23-T26S-R24E	30-015-30503	Washington Ranch; Morrow South	-	-	55	1065.00

### Federal Lease NMNM108027 Royalty Rate 12.5%

Well Name	Location	API #	Pool [97945]	BOPD	Oil Gravities	MCFPD	BTU
Yellowstone 3 Fed #3	Sec. 3-T26S-R25E	30-015-39823	WC-015 G-02 S262503L; Bone Spring	-	-	5	1098.00

### Federal Lease NMNM053148 Royalty Rate 12.5%

Well Name	Location	API #	Pool [96612]	BOPD	Oil Gravities	MCFPD	BTU
Federal CU #1	Sec. 35-T25S-R25E	30-015-24031	Cottonwood Spring; Morrow Gas	-	-	3	1101.00

An attached map shows the federal leases and well locations in Section 23. T26S. R24E, Section 3. T26S. R25E and Section 35. T25S. R25E. Working, royalty, and overriding interest owners have been notified of this proposal via certified mail (see attached).

### Gas metering:

Each well is equipped with a gas allocation meter that will continuously meter gas production prior to commingling and these measurements shall be used to allocate production/sales to the wells. Allocation Meter #88522001 belongs to the Primero Federal #1H, allocation meter #88522086 belongs to the Yellowstone 3 Federal #3, and allocation meter #88522003 belongs to the Federal CU #1. These meters will be the Federal measurement points which production will be reported for sales of produced gas. All three wells will utilize the CDP Enterprise sales meter #68478 which is located at the NWSE Unit Letter J Section 32. T25S. R25E.

The BLM's interest in all three wells are associated with Federal Lease #NMNM100316, Federal Lease #NMNM108027, and Federal Lease #NMNM053148 which all three leases have a royalty rate of 12.5%. Waste is not induced and no correlative rights are impaired. These meters will be calibrated on a regular basis per API, NMOC and BLM specifications. The BLM and OCD will be notified of any future changes in the facilities.

The commingling of production is in the interest of conservation and will result in the most effective, economic means of producing the reserves in place from the affected wells and will not result in reduced royalty or improper measurement of production. The proposed commingling will reduce the surface facility footprint and overall emissions.

COG will use allocation gas meters to measure the gas prior to commingling. These meters will meet all measurement requirements of API Federal regulations for gas sales meters. COG requests this type of commingle application due to economics. It is not economical to install a gas sales meter run and meter at the cost of \$65,000.00, these equipment and maintenance would have an uneconomical pay out for an installation of this type. COG feels it is not in the best interest of the American public to have the operator plug the wells at this time, there are still recoverable minerals.

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

Signed:

A handwritten signature in black ink, appearing to read "Mayte Reyes". The signature is fluid and cursive, with the first name "Mayte" and last name "Reyes" clearly distinguishable.

Printed Name: Mayte Reyes

Title: Regulatory Analyst

Date: 7-18-16

**Economic Justification Work Sheet**  
**Enterprise CDP Meter #68478**

Surface Pool/Lease Commingle and Off Lease Sales Gas only for leases: NMNM100316, NMNM108027 and NMNM053148

Royalty Rate 12.5%

**Federal Lease NMNM100316 Royalty Rate 12.5%**

Well Name	BOPD	Oil Gravity @60 deg	Value/bbl	MCFPD	Dry BTU	Value/mcf
Primero				55	1065.00	\$2.00
Federal 1H						
Meter #88522021						

H2S: None Detected

**Federal Lease NMNM108027 Royalty Rate 12.5% CA# NM126646**

Well Name	BOPD	Oil Gravity @60 deg	Value/bbl	MCFPD	Dry BTU	Value/mcf
Yellowstone 3				5	1098.00	\$2.00
Federal 3						
Meter #88522019						

H2S: None Detected

**Federal Lease NMNM053148 Royalty Rate 12.5%**

Well Name	BOPD	Oil Gravity @60 deg	Value/bbl	MCFPD	Dry BTU	Value/mcf
Federal CU 1				3	1101.00	\$2.00
Meter#88522020						

H2S: None Detected

**Economic combined production**

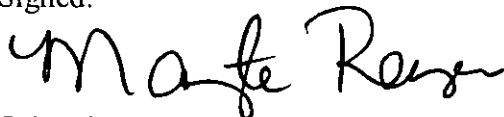
**Federal Leases NMNM100316, NMNM108027 and NMNM053148 Royalty Rate 12.5%**

Facility Name	BOPD	Oil Gravity @60 deg	Value/bbl	MCFPD	Dry BTU	Value/mcf
Enterprise				63	1069.33	\$2.00
Sales Meter #68478						

As per our contract with the gas purchaser, commingling gas productions will not reduce royalty value.

Signed:

CONFIDENTIAL



Printed Name: Mayte Reyes

Title: Regulatory Analyst

Date: 7-18-16

**PRIMERO FEDERAL #1 BATTERY**  
 NESW SECTION 23, T26S, R24E, UNIT K  
 EDDY COUNTY, NM

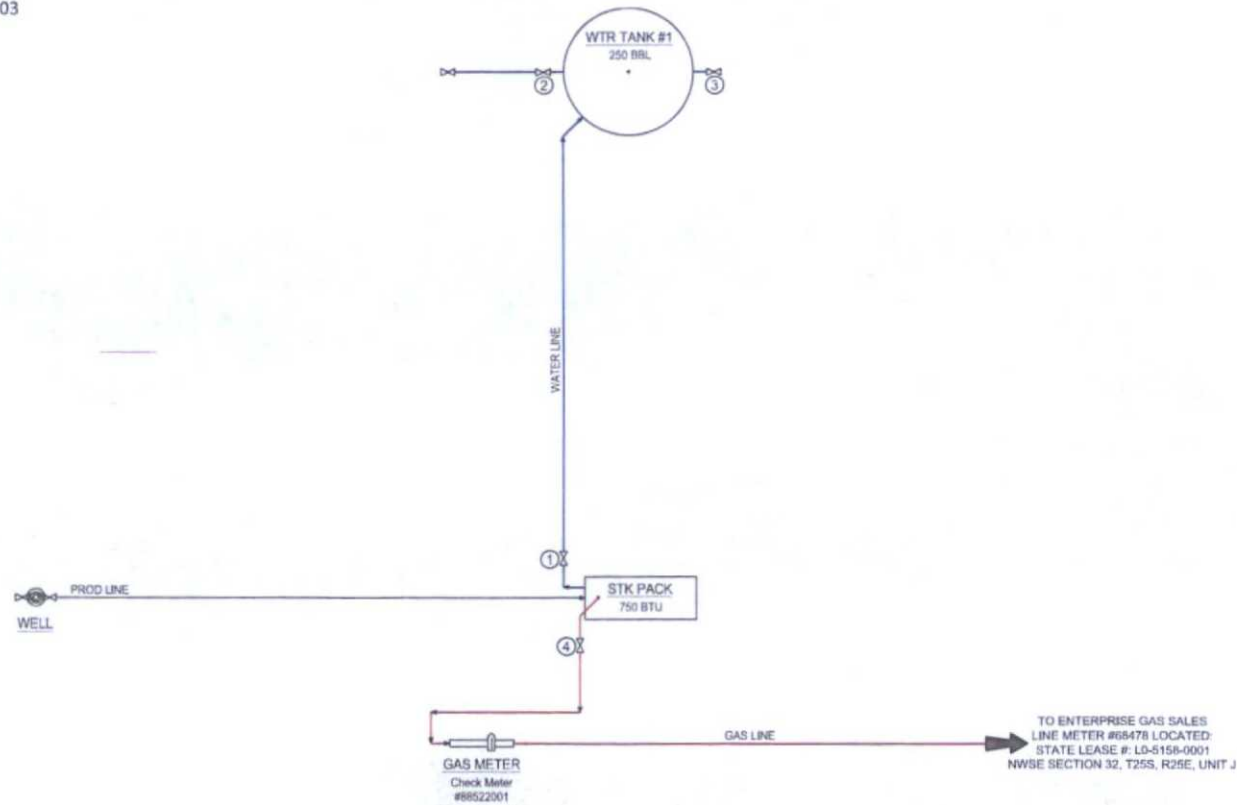
**WELLS:**  
 PRIMERO FEDERAL #001: 30-015-30503

**Production Phase - Tank #1**

- Valve 1 open
- Valve 2 closed
- Valve 3 closed
- Valve 4 open

**Sales Phase - Tank #1**

- Valve 1 open
- Valve 2 open
- Valve 3 closed
- Valve 4 open



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

**Ledger for Site Diagram**  
 Produced Fluid: \_\_\_\_\_  
 Produced Oil: \_\_\_\_\_  
 Produced Gas: \_\_\_\_\_  
 Produced Water: \_\_\_\_\_

**NOTES**

Type of Lease: Federal  
 Federal Lease #: NMNM - 100316  
 Property Code: 308093  
 OGRID #: 229137

**CONFIDENTIALITY NOTICE**

THIS DRAWING IS THE PROPERTY OF COG OPERATING LLC AND IS LOANED TO THE BORROWER FOR CONFINED USE ONLY AND IS SUBJECT TO RETURN UPON REQUEST AND SHALL NOT BE REPRODUCED, COPIED, LENT OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY FOR USE FOR ANY PURPOSE OTHER THAN THAT WHICH IT IS SPECIFICALLY FURNISHED.

**REFERENCE DRAWINGS**

NO.	TITLE
1	COG OPERATING LLC 600 WEST ILLINOIS AVENUE MIDLAND, TEXAS 79701

**REVISIONS**

NO.	DATE	DESCRIPTION	BY	CHK.	APP.
A	06/07/12	ISSUE FOR SITE PERMITTING	CMS		
B	03/17/16	UPDATED FOR PRIMERO FED 1 BTY	CMS		

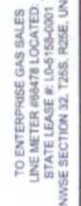
**ENGINEERING RECORD**

BY	DATE
DRW: CMS	06/07/12
DES: CMS	06/07/12
CHK:	
APP:	
APP NO:	
FACE SHEET:	C. BLUESOE
SPR SHEET:	VANOS
SCALE:	NONE

**CONCHO**  
 NEW MEXICO SHELF ASSET  
 PRODUCTION FACILITIES  
 SITE FACILITY DIAGRAM  
 PRIMERO FEDERAL #1 BATTERY  
 EDDY COUNTY, NEW MEXICO  
 SHEET NO. 0-1700-B1-005  
 REV B


NWSW SECTION 3, T26S, R25E, UNIT L  
EDDY COUNTY, NM

YELLOWSTONE 3 FEDERAL #003: 30-015-39823



Ledger for Site Diagram  
 Produced Fluid: \_\_\_\_\_  
 Produced Oil: \_\_\_\_\_  
 Produced Gas: \_\_\_\_\_  
 Produced Water: \_\_\_\_\_

Type of Lease: Federal  
Federal Lease #: NMNM - 108027  
Property Code: 310243  
OGRID #: 229137

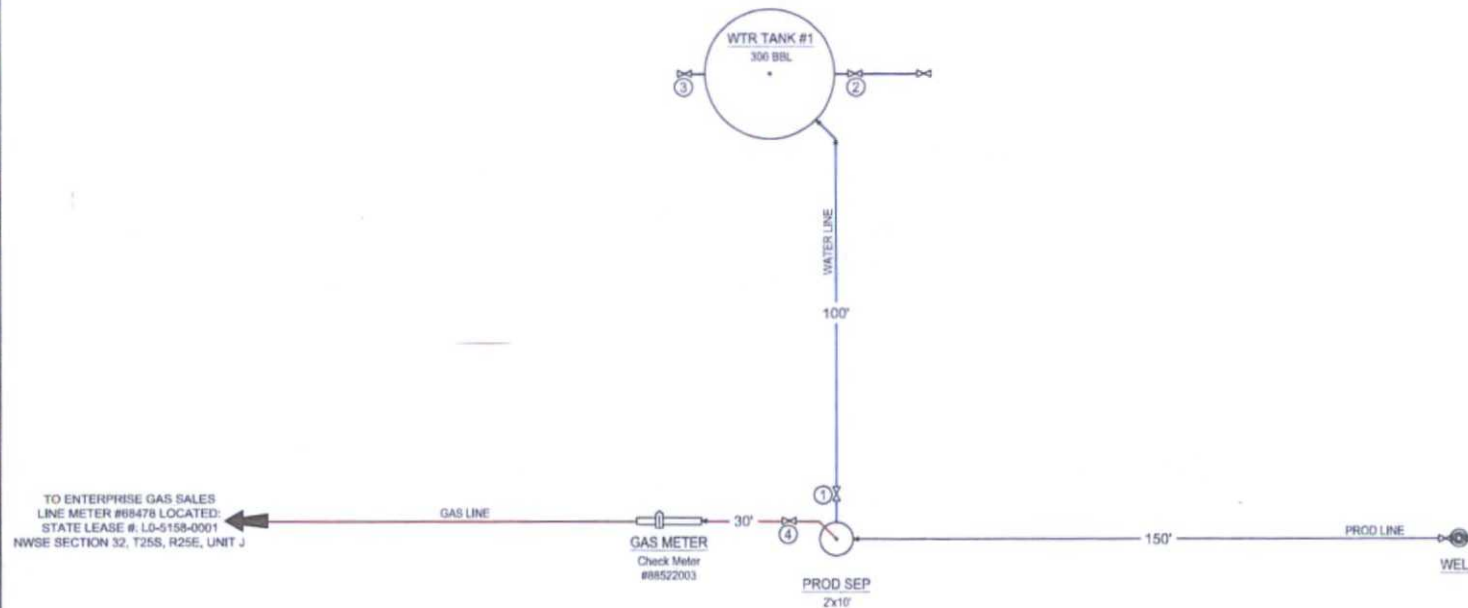
CONFIDENTIALITY NOTICE		REFERENCE DRAWING		REVISIONS				ENGINEERING RECORD				 NEW MEXICO SHELF ASSET PRODUCTION FACILITIES SITS FACILITY DIAGRAM YELLOWSTONE 3 FEDERAL #3 BATTERY  NEW MEXICO			
NO.	TITLE	NO.	DATE	DESCRIPTION	BY	CHK.	APP.	SY	DATE						
THIS DRAWING IS PROPERTY OF CONCHO OPERATING LLC AND IS LOANED TO THE BORROWER ON CONFIDENTIAL AND SHALL BE SUBJECT TO RETURN UPON REQUEST AND SHALL NOT BE REPRODUCED, COPIED, LOAN OR OTHERWISE EXPOSED OR DIRECTLY OR INDIRECTLY, FOR USE FOR ANY PURPOSE OTHER THAN THAT WHICH IT IS SPECIFICALLY FURNISHED.	COG OPERATING LLC 600 WEST LINDAS AVENUE MIDLAND, TEXAS 79701	A	06/20/12	ISSUE FOR SITE PLOWING	CRB			CRB	06/20/12						
		B	03/17/16	UPDATE FOR YELLOWSTONE 3 FEB 3 BTRY CHS	CRB			CRB	06/20/12						
		APP:				APE NO:									
		FACD ENGR:				C. BLESSIE									
		DRG ENGR:				DRG ENGR:									
		SCALE: NONE				TWN/PS/RANGE				SENG NO	D=17000-81-005		TRCY		

**FEDERAL CU #1 BATTERY**  
 SWNE SECTION 35, T25S, R25E, UNIT G  
 EDDY COUNTY, NM

WELLS:  
 FEDERAL CU #001: 30-015-24031

**Production Phase - Tank #1**  
 - Valve 1 open  
 - Valve 2 closed  
 - Valve 3 closed  
 - Valve 4 open

**Sales Phase - Tank #1**  
 - Valve 1 open  
 - Valve 2 open  
 - Valve 3 closed  
 - Valve 4 open



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



**Ledger for Site Diagram**  
 Produced Fluid: \_\_\_\_\_  
 Produced Oil: \_\_\_\_\_  
 Produced Gas: \_\_\_\_\_  
 Produced Water: \_\_\_\_\_

**NOTES:**

Type of Lease: Federal  
 Federal Lease #: NMNM - 053148  
 Property Code: 310261  
 OGRID #: 229137

**CONFIDENTIALITY NOTICE**

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**REFERENCE DRAWINGS**

NO.	TITLE
1	COG OPERATING LLC 600 WEST ILLINOIS AVENUE MIDLAND, TEXAS 79701

**REVISIONS**

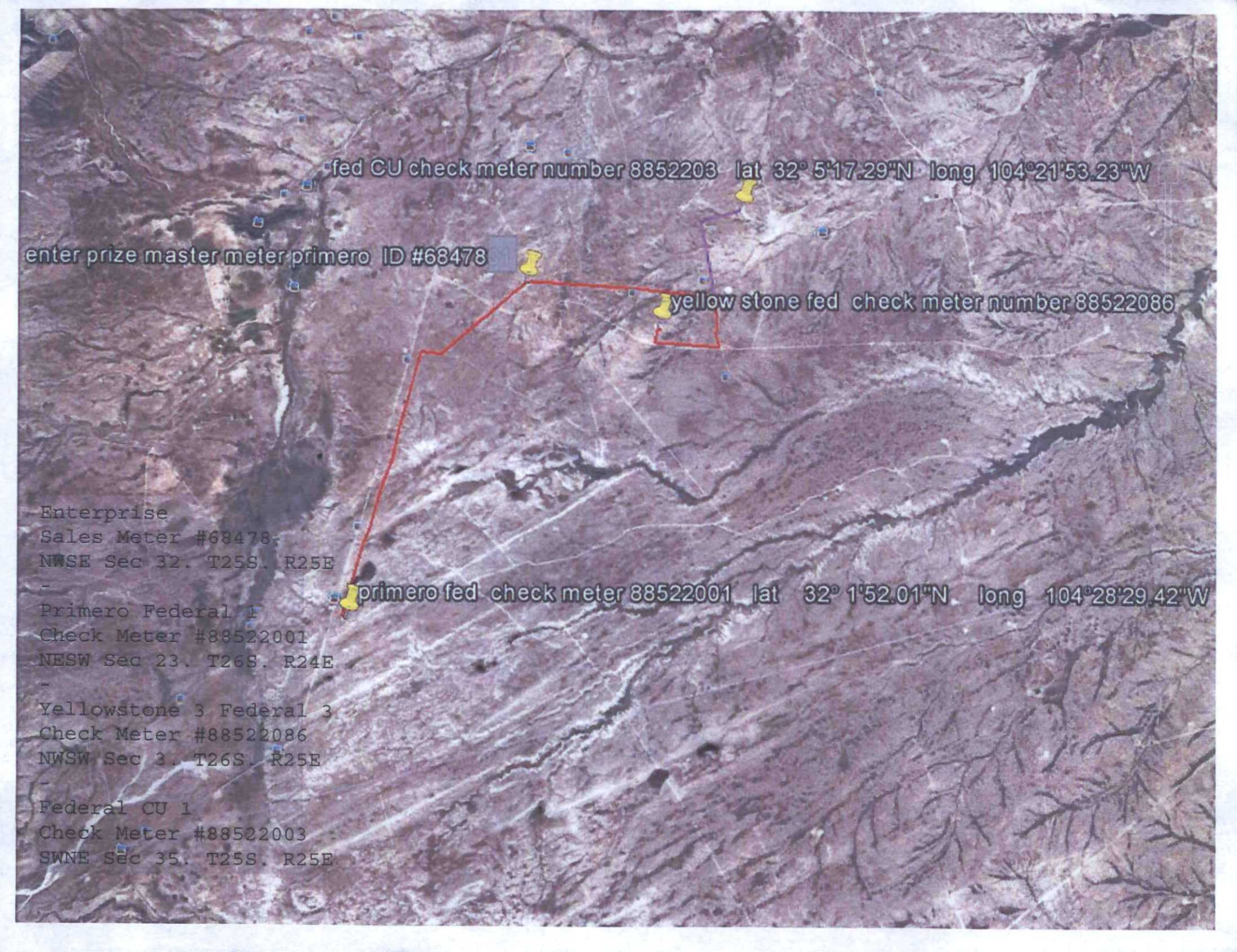
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B	03/17/16	UPDATED FOR FEDERAL CU 1 BTY	CMS		

**ENGINEERING RECORD**

BY	DATE
DRN: CMS	06/01/12
DES: CMS	06/01/12
CHK:	
APP:	
AFE NO:	
FACE ENG:	C. REDDICK
SPR ENG:	VANES
SCALE:	NONE

**CONCHO**  
 NEW MEXICO SHELF ASSET  
 PRODUCTION FACILITIES  
 SITE FACILITY DIAGRAM  
 FEDERAL CU #1 BATTERY  
 EDDY COUNTY  
 TOWNSHIP/RANGE  
 MULTIPLE  
 OGRID NO. 0-1700-B1-005  
 NEW MEXICO  
 REV B





fed CU check meter number 8852203 lat 32° 5'17.29"N long 104°21'53.23"W

enter prize master meter primero ID #68478

yellow stone fed check meter number 88522086

Enterprise  
Sales Meter #68478  
NWSE Sec 32. T25S. R25E

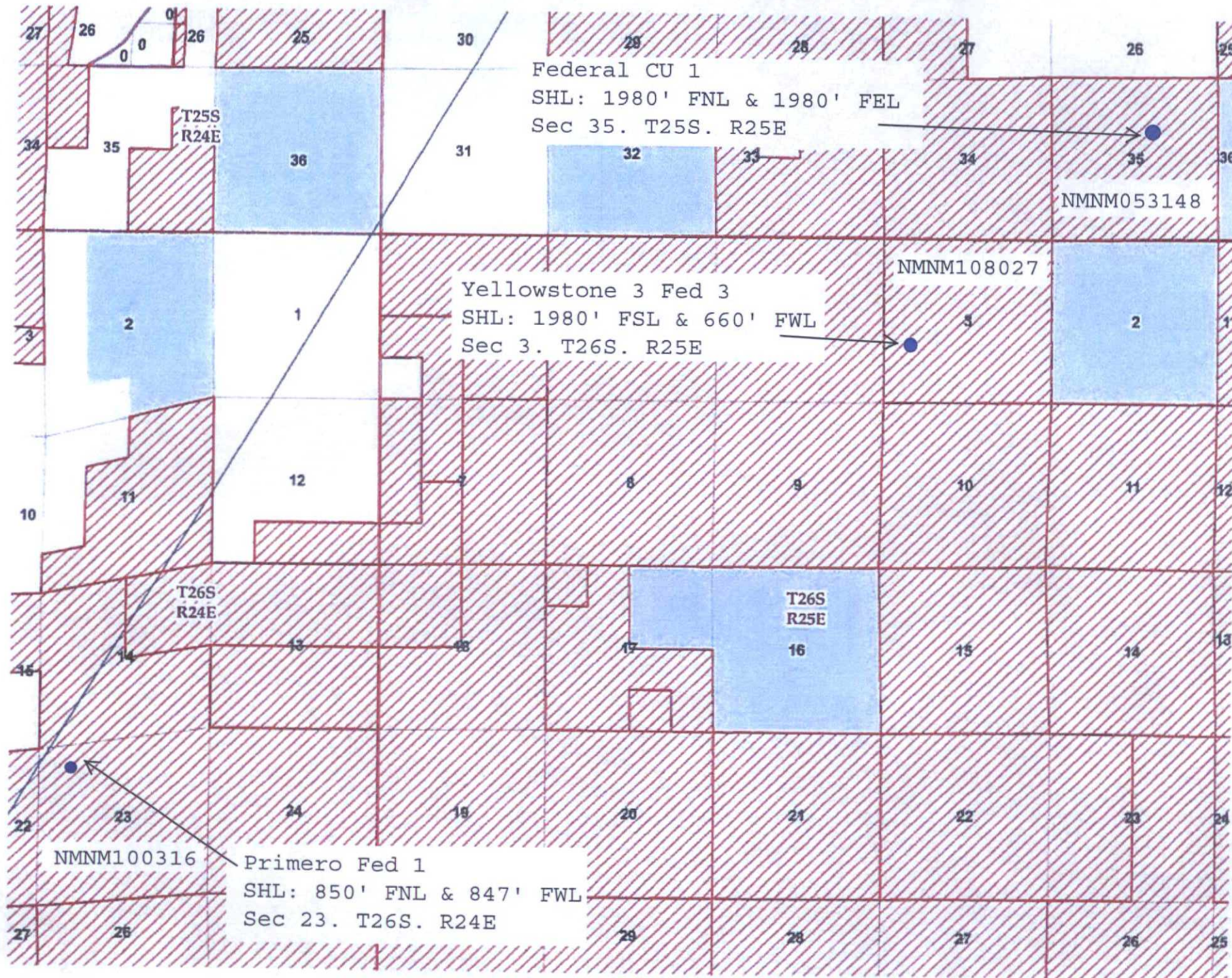
Primero Federal 1  
Check Meter #88522001  
NESW Sec 23. T26S. R24E

Yellowstone 3 Federal 3  
Check Meter #88522086  
NWSW Sec 3. T26S. R25E

Federal CU 1  
Check Meter #88522003  
SWNE Sec 35. T25S. R25E

primero fed check meter 88522001 lat 32° 1'52.01"N long 104°28'29.42"W







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

Run Time: 04:18 PM

Page 1 of 2

Run Date: 06/28/2016

**01 12-22-1987;101STAT1330;30USC181 ET SE**  
**Case Type 312021: O&G LSE COMP PD -1987**  
**Commodity 459: OIL & GAS**  
**Case Disposition: AUTHORIZED**

**Total Acres**  
**2,518.300**

**Serial Number**  
**NMNM-- - 100316**

			Serial Number: NMNM-- - 100316		
Name & Address			Int Rel	% Interest	
COG OPERATING LLC	600 W ILLINOIS AVE	MIDLAND TX 797014882	LESSEE	79.230000000	
CONCHO OIL & GAS LLC	600 W ILLINOIS AVE, ONE CONCHO CE	MIDLAND TX 797014882	LESSEE	4.170000000	
EMG OIL PROPERTIES INC	1000 W 4TH ST	ROSWELL NM 88201	LESSEE	3.270000000	
SLASH FOUR ENTERPRISES INC	PO BOX 1433	ROSWELL NM 88202	LESSEE	6.666700000	
SORENSEN DAVID J	PO BOX 1453	ROSWELL NM 88202	LESSEE	6.663300000	

Serial Number: NMNM-- - 100316						
Mer Twp	Rng	Sec	STyp	SNr Suff	Subdivision	District/Field Office
23	0260S	0240E	014	ALIQ	SE;	CARLSBAD FIELD OFFICE
23	0260S	0240E	014	LOTS	1,2,3,4,5,6,7,8;	CARLSBAD FIELD OFFICE
23	0260S	0240E	015	ALIQ	SW;	CARLSBAD FIELD OFFICE
23	0260S	0240E	015	LOTS	1,2,3,4;	CARLSBAD FIELD OFFICE
23	0260S	0240E	022	LOTS	1-10,15,16;	CARLSBAD FIELD OFFICE
23	0260S	0240E	023	ALL	ENTIRE SECTION	CARLSBAD FIELD OFFICE
23	0260S	0240E	024	ALL	ENTIRE SECTION	CARLSBAD FIELD OFFICE
						County
						EDDY
						Mgmt Agency
						BUREAU OF LAND MGMT
						BUREAU OF LAND MGMT
						BUREAU OF LAND MGMT
						BUREAU OF LAND MGMT
						BUREAU OF LAND MGMT
						BUREAU OF LAND MGMT
						BUREAU OF LAND MGMT

Serial Number: NMNM-- - 100316				
Act Date	Code	Action	Action Remark	Pending Office
10/21/1997	387	CASE ESTABLISHED	9710069	
10/22/1997	191	SALE HELD		
10/22/1997	267	BID RECEIVED	\$50380.00;	
10/22/1997	392	MONIES RECEIVED	\$50380.00;	
11/18/1997	237	LEASE ISSUED		
11/18/1997	974	AUTOMATED RECORD VERIF	LBO	
12/01/1997	496	FUND CODE	05;145003	
12/01/1997	530	RLTY RATE - 12 1/2%		
12/01/1997	868	EFFECTIVE DATE		
12/02/1997	600	RECORDS NOTED		
12/15/1997	084	RENTAL RECEIVED BY ONRR	\$3778.50;11/MULTIPLE	
05/26/1998	899	TRF OF ORR FILED	(1)	
05/26/1998	899	TRF OF ORR FILED	(2)	
06/30/1998	963	CASE MICROFILMED/SCANNED		
10/21/1998	084	RENTAL RECEIVED BY ONRR	\$3778.50;21/000000004	
02/02/1999	650	HELD BY PROD - ACTUAL	/1/	
05/03/1999	140	ASGN FILED	PRIMERO INC/MARBOB EN	
06/09/1999	139	ASGN APPROVED	EFF 06/01/99;	
06/09/1999	974	AUTOMATED RECORD VERIF	JLV	
10/12/1999	643	PRODUCTION DETERMINATION	/1/	
10/12/1999	658	MEMO OF 1ST PROD-ACTUAL	/1/#1 PRIMERO FED;	
10/18/1999	084	RENTAL RECEIVED BY ONRR	\$3779;21/23	
06/02/2001	269	ASGN DENIED	MARBOB EN/COG OPERA	
02/14/2005	140	ASGN FILED	BRANEX RE/EMG OIL P;1	
03/24/2005	139	ASGN APPROVED	EFF 03/01/05;	
03/24/2005	974	AUTOMATED RECORD VERIF	MV	
12/18/2007	974	AUTOMATED RECORD VERIF	ANN	

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

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

Run Time: 04:18 PM

Page 2 of 2

Run Date: 06/28/2016

06/11/2010	140	ASGN FILED	BRANEX RE/MARBOB EN;1
07/27/2010	139	ASGN APPROVED	EFF 07/01/10;
07/27/2010	974	AUTOMATED RECORD VERIF	LBO
01/31/2011	140	ASGN FILED	MARBOB EN/COG OPERA;1
01/31/2011	140	ASGN FILED	PITCH ENE/COG OPERA;1
04/11/2011	139	ASGN APPROVED	EFF 02//02/11;
04/11/2011	974	AUTOMATED RECORD VERIF	ANN
06/02/2011	974	AUTOMATED RECORD VERIF	ANN
04/11/2014	140	ASGN FILED	MARBOB EN/COG OPERA;1
05/14/2014	139	ASGN APPROVED	EFF 05/01/14;
05/14/2014	974	AUTOMATED RECORD VERIF	EMR

Serial Number: NMNM-- - 100316

Line Nr	Remarks
0002	THIS LEASE IS ISSUED FOR ALL FORMATIONS EXCEPT;
0003	FOR THE MORROW FORMAITON WHICH IS DEFINED AS THE;
0004	PRODUCING INTERVAL WHICH OCCURS IN THE BLACK RIVER;
0005	CORP - CITIES FEDERAL NO. 1 WELL LOCATED 1650' FROM;
0006	THE N LINE AND 1650' FROM THE WEST LINE OF SEC.34;
0007	T. 25S.,R.25E.,NMPM EDDY CO FROM THE SUBSURFACE;
0008	DEPTH OF 6628' AS IDENTIFIED BY THE BOREHOLE WITH;
0009	VERTICAL SECTIONS EXTENDING 100' ABOVE AND BELOW;
0010	THE INTERVAL.;
0011	03/24/05 MARBOB BONDED LESSEE NM2056/SW
0012	04/11/2011 - LESSEE BONDED
0013	COG OPERATING LLC - NMB000740 - S/W;
0014	5/14/2014 - BONDED ASSIGNEE
0015	COG OPERATING LLC - NMB000215 - SW/NM;

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

Run Time: 04:19 PM

Page 1 of 2

Run Date: 06/28/2016

**01 12-22-1987;101STAT1330;30USC181 ET SE**  
**Case Type 312021: O&G LSE COMP PD -1987**  
**Commodity 459: OIL & GAS**  
**Case Disposition: AUTHORIZED**

**Total Acres 640.000**  
**Serial Number NMNM-- - 108027**

			Serial Number: NMNM-- - 108027	
Name & Address			Int Rel	% Interest
CHEVRON MIDCONTINENT LP	6301 DEAUVILLE	MIDLAND TX 797062964	OPERATING RIGHTS	0.000000000
CIMAREX ENERGY CO OF COLORADO	1700 LINCOLN ST STE 1800	DENVER CO 802034518	OPERATING RIGHTS	0.000000000
COG OPERATING LLC	600 W ILLINOIS AVE	MIDLAND TX 797014882	OPERATING RIGHTS	0.000000000
ECHO PROD INC	PO BOX 1210	GRAHAM TX 76450	LESSEE	100.000000000
LATIGO PETROLEUM INC	15 W 6TH ST #1100	TULSA OK 74119	OPERATING RIGHTS	0.000000000
OXY USA INC	5 GREENWAY PLZ #110	HOUSTON TX 770460521	OPERATING RIGHTS	0.000000000
SAMSON RESOURCES CO	200 N LORRAINE #1010	MIDLAND TX 79701	OPERATING RIGHTS	0.000000000
TALUS INC	PO BOX 1210	GRAHAM TX 76450	OPERATING RIGHTS	0.000000000
THE ALLAR CO	PO BOX 1567	GRAHAM TX 76450	OPERATING RIGHTS	0.000000000
TWIN MONTANA INC	PO BOX 1210	GRAHAM TX 76450	OPERATING RIGHTS	0.000000000

Serial Number: NMNM-- - 108027						
Mer Twp	Rng	Sec	STyp	SNr Suff	Subdivision	District/Field Office
23	02605	0250E	003	ALL	ENTIRE SECTION	CARLSBAD FIELD OFFICE
						County
						Mgmt Agency
						EDDY
						BUREAU OF LAND MGMT

Serial Number: NMNM-- - 108027				
Act Date	Code	Action	Action Remark	Pending Office
01/15/2002	387	CASE ESTABLISHED	200201024	
01/16/2002	191	SALE HELD		
01/16/2002	267	BID RECEIVED	\$48000.00;	
01/16/2002	392	MONIES RECEIVED	\$48000.00;	
02/15/2002	237	LEASE ISSUED		
02/15/2002	974	AUTOMATED RECORD VERIF	BTM	
03/01/2002	496	FUND CODE	05;145003	
03/01/2002	530	RLTY RATE - 12 1/2%		
03/01/2002	868	EFFECTIVE DATE		
03/25/2002	963	CASE MICROFILMED/SCANNED		
06/03/2002	899	TRF OF ORR FILED	ECHO PRODUCTION INC;1	
09/04/2002	932	TRF OPER RGTS FILED	ECHO PRODUCTION INC;1	
10/28/2002	933	TRF OPER RGTS APPROVED	EFF 10/01/02;	
10/28/2002	974	AUTOMATED RECORD VERIF	JLV	
04/30/2003	817	MERGER RECOGNIZED	KUKUI INC/ANIMAS ENE	
06/27/2003	932	TRF OPER RGTS FILED	ANIMAS/SAGA;	
07/29/2003	933	TRF OPER RGTS APPROVED	EFF 07/01/03;	
07/29/2003	974	AUTOMATED RECORD VERIF	MV	
07/12/2004	932	TRF OPER RGTS FILED	SAGA PETRO/LATIGO	
08/20/2004	933	TRF OPER RGTS APPROVED	EFF 08/01/04;	
08/20/2004	974	AUTOMATED RECORD VERIF	MV	
05/22/2006	932	TRF OPER RGTS FILED	LATIGO PE/ALLAR COM;1	
07/03/2006	933	TRF OPER RGTS APPROVED	EFF 06/01/06;	
07/03/2006	974	AUTOMATED RECORD VERIF	ANN	
08/14/2006	940	NAME CHANGE RECOGNIZED	CIMAREX/CIMAREX OF CO	
12/08/2006	932	TRF OPER RGTS FILED	LATIGO PE/CHEVRON M;1	
02/14/2007	933	TRF OPER RGTS APPROVED	EFF 01/01/07;	

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BUREAU OF LAND MANAGEMENT  
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02/14/2007	974	AUTOMATED RECORD VERIF	MV
03/31/2008	932	TRF OPER RGTS FILED	LATIGO PETR/OXY USA;1
05/14/2008	933	TRF OPER RGTS APPROVED	EFF 04/01/08;
05/14/2008	974	AUTOMATED RECORD VERIF	ANN
01/08/2009	932	TRF OPER RGTS FILED	LATIGO PETR/OXY USA;1
02/13/2009	932	TRF OPER RGTS FILED	ALLAR/CIMAREX ENERG;1
03/05/2009	932	TRF OPER RGTS FILED	CHEVRON MIDCO/ALLAR;1
04/13/2009	933	TRF OPER RGTS APPROVED	EFF 03/01/09;
04/13/2009	974	AUTOMATED RECORD VERIF	ANN
04/22/2009	933	TRF OPER RGTS APPROVED	EFF 02/01/09;
04/22/2009	974	AUTOMATED RECORD VERIF	MV
04/29/2009	933	TRF OPER RGTS APPROVED	EFF 04/01/09;
04/29/2009	974	AUTOMATED RECORD VERIF	ANN
03/25/2010	932	TRF OPER RGTS FILED	ALLAR/SAMSON RESOUR;1
06/16/2010	933	TRF OPER RGTS APPROVED	EFF 04/01/2010;
06/16/2010	974	AUTOMATED RECORD VERIF	MJD
04/11/2011	932	TRF OPER RGTS FILED	SAMSON RE/THREE RIV;1
06/13/2011	933	TRF OPER RGTS APPROVED	EFF 05/01/11;
06/13/2011	974	AUTOMATED RECORD VERIF	LBO
02/29/2012	235	EXTENDED	THRU 02/28/2014;
04/15/2012	643	PRODUCTION DETERMINATION	/1/
04/15/2012	650	HELD BY PROD - ACTUAL	/1/
04/15/2012	658	MEMO OF 1ST PROD-ACTUAL	/1/#3 YELLOWSTONE 3;
06/29/2012	974	AUTOMATED RECORD VERIF	MJD
08/14/2012	932	TRF OPER RGTS FILED	THREE RIV/COG OPERA;1
09/25/2012	932	TRF OPER RGTS FILED	CIMAREX ENERG/ALLAR;1
01/29/2013	933	TRF OPER RGTS APPROVED	EFF 10/1/12;
01/29/2013	974	AUTOMATED RECORD VERIF	MJD
03/01/2013	933	TRF OPER RGTS APPROVED	EFF 09/01/12;
03/01/2013	974	AUTOMATED RECORD VERIF	BTM
05/08/2013	817	MERGER RECOGNIZED	COG EXC PROP/COG OPER
12/16/2013	899	TRF OF ORR FILED	1
09/16/2015	066	BANKRUPTCY FILED	SAMSON RESOURCES CO

Serial Number: NMNM-- - 108027

Line Nr	Remarks
0002	-
0003	04/22/2009 PER MMS RENTAL PD FOR 02-09 DUE 03/01/10
0004	06/16/2010 PER MMS RENTAL PD THRU 03/01/2011
0005	01/29/2013 - RENT PAID 03/01/2012
0006	-
0007	BONDED LESSEES/OPERATORS:
0008	06/13/2011 - THREE RIVERS ACQ LLC NMB000672 S/W;
0009	03/01/2013 - COG OPERATING LLC -225K/CFO- NME000740

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01 02-25-1920;041STAT0437;30USC181ETSEQ

Case Type 311211: O&G LSE SIMO PUBLIC LAND

Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED

Total Acres

640.000

Serial Number

NMNM-- - 053148

			Serial Number: NMNM-- - 053148		
Name & Address			Int Rel	% Interest	
CODY ENERGY INC	7555 E HAMDEN AVE #600	DENVER CO 80231	OPERATING RIGHTS	0.000000000	
COG OPERATING LLC	600 W ILLINOIS AVE	MIDLAND TX 797014882	LESSEE	63.750000000	
CREE IRA J	3250 CHERRY AVE	LONG BEACH CA 90807	OPERATING RIGHTS	0.000000000	
FERGUSON FLOYD J	PO BOX 606	ROSWELL NM 882020606	OPERATING RIGHTS	0.000000000	
KONSTANTINE GEORGE P	111 W OCEAN BLVD	LONG BEACH CA 90802	OPERATING RIGHTS	0.000000000	
LLANO LAND & EXPL	BOX 2544	ROSWELL NM 882022544	OPERATING RIGHTS	0.000000000	
SCHLICHER FRED J	BOX 606	ROSWELL NM 882020606	OPERATING RIGHTS	0.000000000	
SMITH MARTIN III	8055 MANCHESTER AVE	PLAYA DEL REY CA 90293	OPERATING RIGHTS	0.000000000	
TALUS INC	PO BOX 1210	GRAHAM TX 76450	LESSEE	5.000000000	
THE ALLAR CO	PO BOX 1567	GRAHAM TX 76450	LESSEE	21.250000000	
TWIN MONTANA INC	PO BOX 1210	GRAHAM TX 76450	LESSEE	10.000000000	

Serial Number: NMNM-- - 053148

Mer Twp	Rng	Sec	STyp	SNr Suff	Subdivision	District/Field Office	County	Mgmt Agency
23	0250S	0250E	035	ALL	ENTIRE SECTION	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

			Serial Number: NMNM-- - 053148		
Act Date	Code	Action	Action Remark	Pending Office	
01/24/1972	387	CASE ESTABLISHED			
02/01/1972	496	FUND CODE	05;145003		
02/01/1972	530	RLTY RATE - .12 1/2%			
02/01/1972	868	EFFECTIVE DATE			
01/15/1982	209	CASE CREATED BY SEGR	OUT OF NMNM14759;		
05/04/1982	500	GEOGRAPHIC NAME	UNDEFINED FLD;		
05/04/1982	510	KMA CLASSIFIED			
05/04/1982	650	HELD BY PROD - ACTUAL			
02/11/1983	315	RENTAL RATE DET/ADJ	\$2.00;		
05/08/1987	974	AUTOMATED RECORD VERIF	EP/MLO		
06/02/1987	963	CASE MICROFILMED/SCANNED	CNUM 561,277 DS		
05/29/1990	932	TRF OPER RGTS FILED	ENSTAR CORP/ULTRAMAR		
07/02/1990	933	TRF OPER RGTS APPROVED	EFF 06/01/90;		
07/02/1990	974	AUTOMATED RECORD VERIF	RAO/RAO		
07/18/1990	140	ASGN FILED	AMOCO PROD/SCHLICHER		
07/18/1990	140	ASGN FILED	AMOCO/SCHLICHER-FERG		
08/29/1990	974	AUTOMATED RECORD VERIF	MRR/RAYO		
06/26/1991	899	TRF OF ORR FILED			
06/26/1991	932	TRF OPER RGTS FILED	DAVOIL/SCHLICHER ETAL		
06/26/1991	932	TRF OPER RGTS FILED	ULTRAMAR/SCHLICHER		
07/30/1991	139	ASGN APPROVED	(1)EFF 08/01/91;		
07/30/1991	139	ASGN APPROVED	(2)EFF 08/01/91;		
07/30/1991	974	AUTOMATED RECORD VERIF	MRR/MT		
08/27/1991	933	TRF OPER RGTS APPROVED	01EFF 07/01/91;		
08/27/1991	933	TRF OPER RGTS APPROVED	02EFF 07/01/91;		
08/27/1991	974	AUTOMATED RECORD VERIF	RAO/KRP		
06/26/1992	974	AUTOMATED RECORD VERIF	ST/JS		

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

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10/21/1992	140	ASGN FILED	GR WES/SCHLICHER ETAL
10/21/1992	932	TRF OPER RGTS FILED	DAVOIL/SCHLICHER ETAL
11/10/1992	140	ASGN FILED	SCHLICHER/LLANO
11/13/1992	932	TRF OPER RGTS FILED	MCCLURG/SCHLICHER
11/19/1992	909	BOND ACCEPTED	EFF 11/10/92;NM2104
11/19/1992	974	AUTOMATED RECORD VERIF	ST/JS
12/18/1992	139	ASGN APPROVED	EFF 12/01/92;
12/18/1992	567	ASGN RETURNED UNAPPROVED	GR WTN/SCHLICHER ETAL
12/18/1992	933	TRF OPER RGTS APPROVED	EFF 11/01/92;
12/18/1992	933	TRF OPER RGTS APPROVED	EFF 12/01/92;
12/18/1992	974	AUTOMATED RECORD VERIF	BCO
01/08/1993	932	TRF OPER RGTS FILED	LLANO/K P GEORGE ETAL
01/11/1993	932	TRF OPER RGTS FILED	GR WESTERN/SCHLICHER
02/04/1993	933	TRF OPER RGTS APPROVED	EFF 02/01/93;
02/04/1993	974	AUTOMATED RECORD VERIF	BCO/JS
02/23/1993	933	TRF OPER RGTS APPROVED	EFF 02/01/93;
02/23/1993	974	AUTOMATED RECORD VERIF	ST/KRP
02/28/1994	932	TRF OPER RGTS FILED	MURCHISON/MURCHISON
03/30/1994	933	TRF OPER RGTS APPROVED	EFF 03/01/94;
03/30/1994	974	AUTOMATED RECORD VERIF	LBO
02/27/2001	940	NAME CHANGE RECOGNIZED	ULTRAMAR/WILLIAMS
02/27/2001	940	NAME CHANGE RECOGNIZED	WILLIAMS-CODY/CODY
04/29/2002	932	TRF OPER RGTS FILED	LLANO LAND & EXPL C;1
04/29/2002	932	TRF OPER RGTS FILED	LLANO LAND & EXPL C;2
04/29/2002	932	TRF OPER RGTS FILED	LLANO LAND & EXPL C;3
05/13/2002	932	TRF OPER RGTS FILED	MARTIN SMITH/LLANO
05/15/2002	932	TRF OPER RGTS FILED	GMURCHISON/LLANO
06/12/2002	932	TRF OPER RGTS FILED	GEORGE, KONSTANTINE;1
06/28/2002	933	TRF OPER RGTS APPROVED	EFF 06/01/2002
06/28/2002	974	AUTOMATED RECORD VERIF	ANN
06/29/2002	933	TRF OPER RGTS APPROVED	EFF 06/01/2002
07/09/2002	933	TRF OPER RGTS APPROVED	01EFF 05/01/02;
07/09/2002	933	TRF OPER RGTS APPROVED	02EFF 05/01/02;
07/09/2002	933	TRF OPER RGTS APPROVED	03EFF 05/01/02;
07/09/2002	974	AUTOMATED RECORD VERIF	MV
08/19/2002	933	TRF OPER RGTS APPROVED	EFF 07/01/02;
08/19/2002	974	AUTOMATED RECORD VERIF	LR
04/29/2004	932	TRF OPER RGTS FILED	M ROOT/LLANO LAND
05/13/2004	933	TRF OPER RGTS APPROVED	EFF 05/01/04;
05/13/2004	974	AUTOMATED RECORD VERIF	LR
01/21/2005	140	ASGN FILED	LLANO LANDSAMSON RES
01/26/2005	377	BOND TERMINATION RQSTD	NM2711;LLANO
01/28/2005	463	BOND TERMINATION DENIED	NM2711;ONE WELL
03/16/2005	140	ASGN FILED	SAMSON RES/ALLAR CO
03/16/2005	899	TRF OF ORR FILED	1
03/18/2005	139	ASGN APPROVED	EFF 02/01/05;
03/18/2005	974	AUTOMATED RECORD VERIF	LR
05/17/2005	139	ASGN APPROVED	EFF 04/01/05;
05/17/2005	974	AUTOMATED RECORD VERIF	LR
12/09/2005	899	TRF OF ORR FILED	1
02/27/2012	140	ASGN FILED	SAMSON RE/THREE RIV;1
05/07/2012	139	ASGN APPROVED	EFF 03/01/12;
05/07/2012	974	AUTOMATED RECORD VERIF	LBO
08/14/2012	140	ASGN FILED	THREE RIV/COG OPERA;1
11/07/2012	139	ASGN APPROVED	EFF 09/01/12;



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11/07/2012 974 AUTOMATED RECORD VERIF BTM

Serial Number: NMNM-- - 053148

Line Nr	Remarks
0002	BONDED OPERATORS/ASSIGNEES/LESSEES:
0003	07/09/2002 - LLANO LAND AND EXPLOR CO NM2104 (INDV)
0004	08/19/2002 - LLANO LAND & EXPLORATION CO - NM2711 SW
0005	05/13/2004 - LLANO LAND & EXPL CO - NM2711 - S/W;
0006	03/18/2005 - SAMSON RESOURCES CO - NM2037 - N/W;
0007	05/17/2005 - SAMSON RESOURCES CO - NM2037 - N/W;
0008	11/07/2012 - COG OPERATING LLC -225K/CFO- NMB000740



July 18, 2016

**RE: Surface Pool/Lease Commingle and Off Lease Sales Gas Only  
Primero Federal #1, Yellowstone 3 Federal #3, and Federal CU Federal #1**

Dear Interest Owner:

This is to advise you that COG Operating LLC, is filing an application with the New Mexico Oil Conservation Division ("NMOCD") and Bureau of Land Management (BLM) seeking approval for a Surface Pool/Lease Commingle and Off Lease Sales Gas Only for the above mentioned wells.

A copy of our application submitted to the Division is attached.

Any objections or requests that a hearing should be held regarding this application must be submitted in writing to the New Mexico Oil Conservation Division Santa Fe office within 20 days from the date of this letter. The Division Director may approve this application if no objection has been made within the 20 days after the application has been received.

If you have any questions regarding this Application, please contact me at 575-748-6945 or email me at [mreyes1@concho.com](mailto:mreyes1@concho.com), or Melanie Wilson at 575-748-6952 email [mwilson@concho.com](mailto:mwilson@concho.com).

Sincerely,

A handwritten signature in black ink that reads "Mayte Reyes".

Mayte Reyes  
Regulatory Analyst  
COG Production LLC  
2208 W. Main Street  
Artesia, NM 88210  
575.748.6945

Enclosure

---

CORPORATE ADDRESS

ONE CONCHO CENTER | 600 WEST ILLINOIS AVENUE | MIDLAND, TEXAS 79701  
P 432.683.7443 | F 432.683.7441

ARTESIA WEST OFFICE

2208 MAIN STREET | ARTESIA, NEW MEXICO 88210  
P 575.748.6940 | F 575.746.2096

## CERTIFIED MAILING LIST

**Wells, Leases: Primero Federal #1 (NMNM100316), Yellowstone 3 Federal #3 (NMNM108027), Federal CU #1 (NMNM053148)**

<u>Owner Name/Address</u>	<u>Certified Mailing Number</u>
Chevron U.S.A., Inc. Land Department c/o Owner Division P.O. Box 4538 Houston, Texas 77210	7013 3020 0000 8748 7945
OXY USA Inc P O Box 27570 Room 13 105 Houston, Texas 77227	7013 3020 0000 8748 7938
David J. Sorenson P O Box 1453 Roswell, NM 88202	7013 3020 0000 8748 7990
Slash Four Enterprises, Inc P O Box 1433 Roswell, NM 88202	7013 3020 0000 8748 7983
Paisano Partners P O Box 1973 Midland, Texas 79702	7013 3020 0000 8748 7952
EMG Oil Properties 1000 West Fourth Street Roswell, NM 88201	7013 3020 0000 8748 7969
The Allar Company P O Box 1567 Graham, Texas 76450	7013 3020 0000 8748 7907
Talus Inc. P O Box 1210 Graham, Texas 76450	7013 3020 0000 8748 7914

**Owner Name/Address****Certified Mailing Number**

Magnum Hunter Production, Inc.  
202 South Cheyene Ave., Ste 1000  
Tulsa, Oklahoma 74103

7013 3020 0000 8748 7976

Twin Montana, Inc  
Attn: H T Hunnewell  
P O Box 1210  
Graham, Texas 76450

7013 3020 0000 8748 7921

COG Operating LLC  
600 W Illinois Ave  
Midland, TX 79701

7013 3020 0000 8750 1238

Concho Oil & Gas LLC  
600 W. Illinois Ave  
Midland, TX 79701

7013 3020 0000 8750 1221

**Operator Name: COG OPERATING LLC**

<b>Well_Name:</b>	<b>PRIMERO FEDERAL # 1</b>	<b>API: 3001530503</b>
<b>Location:</b>	<b>K-23-26.0S-24E 850 FNL 847 FWL</b>	
<b>Pool Name:</b>	<b>WASHINGTON RANCH; MORROW SOUTH (G)</b>	
<b>Month</b>	<b>Oil(BBLS)</b>	<b>Gas(MCF)</b>
11/1/2015	0	0
12/1/2015	0	50
1/1/2016	0	2416
2/1/2016	0	1511
3/1/2016	48	1733
4/1/2016	0	430
<b>CUM</b>	<b>208</b>	<b>1640877</b>

<b>Well_Name:</b>	<b>FEDERAL CU # 1</b>	<b>API: 3001524031</b>
<b>Location:</b>	<b>G-35-25.0S-25E 1980 FNL 1980 FEL</b>	
<b>Pool Name:</b>	<b>COTTONWOOD SPRING; MORROW GAS</b>	
<b>Month</b>	<b>Oil(BBLS)</b>	<b>Gas(MCF)</b>
11/1/2015	0	0
12/1/2015	0	31
1/1/2016	0	197
2/1/2016	0	96
3/1/2016	0	111
4/1/2016	0	7
<b>CUM</b>	<b>10</b>	<b>454650</b>

<b>Well_Name:</b>	<b>YELLOWSTONE 3 FEDERAL # 3</b>	<b>API: 3001539823</b>
<b>Location:</b>	<b>L-3-26.0S-25E 1980 FSL 660 FWL</b>	
<b>Pool Name:</b>	<b>WC-015 G-02 S262503L;BONE SPRING</b>	
<b>Month</b>	<b>Oil(BBLS)</b>	<b>Gas(MCF)</b>
November	24	0
December	28	17
January	30	320
February	26	498
March	25	519
April	4	63
<b>CUM</b>	<b>2038</b>	<b>39888</b>

Form C-102  
Supersedes C-128  
Effective 1-1-65

Operator Amoco Production Company		Lessee Federal C. U.		Well No. 1
Unit Letter G	Section 35	Township 25 South	Range 25 East	County Eddy
Actual Footage Location of Well:				
1980 feet from the north line and		1980 feet from the east line		
Ground Level Elev. 3560.5'	Producing Formation Morrow	Pool Wildcat Morrow	Dedicated Acreage: N/2- 320 Acres	
<p>1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.</p> <p>2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).</p> <p>3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No If answer is "yes," type of consolidation _____</p> <p>If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____</p> <p>No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.</p>				
			<p><b>CERTIFICATION</b></p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p>Name <i>Mark Randolph</i></p> <p>Position Assist. Admin. Analyst</p> <p>Company Amoco Production Company</p> <p>Date 12-2-81</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 knowledge and belief.</p> <p>Date Surveyed 11-17-81</p> <p>Registered Professional Engineer and/or Land Surveyor <i>John W. West</i></p> <p>Certificate No. JOHN W. WEST 676 PATRICK A. ROMERO 8668 Randolph J. Dixon 3239</p>	

Effective Date	Property	Operator	C-101 Work Type	Well Type	Well Status	Well Cancelled	Well Date	MMCILLER (PETROLEUM ENGINEER FOR OCD)	SIGN OUT	HELP
10/01/2004	[300927] FEDERAL CU	[20165] SAMSON RESOURCES CO	New Wells	Gas	Active					
01/01/2001	[5928] FEDERAL CU	[13429] LLANO LAND & EXPLORATION CO	New	Gas	Active					
12/01/1992	[5928] FEDERAL CU	[13429] LLANO LAND & EXPLORATION CO	New	Gas	Active					

**Comments****Operator**

Company: [229137] COG OPERATING LLC  
 Address:  
 Country: U.S.A  
 Main Phone: 432-683-7443

**Central Contact Person**

Name: Kanicia Castillo Title: Regulatory Lead Analyst  
 Phone: 432-685-4332 Fax:  
 Cell:  
 E-Mail Address: kcastillo@concho.com

**Hobbs Contacts**

Name: Jim Corbitt Title:  
 Phone: 432-818-2260 Fax:  
 Cell:  
 E-Mail Address: jcorbitt@concho.com

**Artesia Contacts**

Name: Jim Corbitt Title:  
 Phone: 432-818-2260 Fax:  
 Cell:  
 E-Mail Address: jcorbitt@concho.com

**Pits**

No Pits Found

**Casing**

No Casing Found

**Well Completions****[96612] COTTONWOOD SPRING; MORROW GAS**

Status: Active Last Produced: 04/01/2016

Bottomhole Location: G-35-25S-25E 1980 FNL 1980 FEL

Lat/Long:

MMCMILLAN (PETROLEUM ENGINEER FOR OCD) SIGN OUT HELP

Acreage: N/320 35-25S-25E Units: A B C D E F G H

DHC: No

Consolidation Code:

Test:

Wells Operator Data

OCD Review

OCD Only

Administration

Oil Volume: 0.0 bbls

Gas Volume: 0.0 mcf

Water Volume: 0.0 bbls

## Perforations

Date	Top Measured Depth (Where Completion Enters Formation)	Bottom Measured Depth (End of Lateral)
	9999	9999

## Notes

## Event Dates

Initial Effective/Approval: 12/01/1992

Most Recent Approval: 07/09/2012

Confidential Requested On:

Test Allowable Approval:

Production Test:

TD Reached:

Deviation Report Received:

Directional Survey Received:

First Oil Production:

Ready to Produce:

C-104 Approval:

Plug Back:

Authorization Revoked Start:

TA Expiration:

Confidential Until:

Test Allowable End:

DHC:

Rig Released:

Logs Received:

Closure Pit Plat Received:

First Gas Production:

Completion Report Received:

Revoked Until:

## Well Completion History

Effective Date	Property	Operator	Completion Status	TA Expiration Date
07/09/2012	[310261] FEDERAL CU	[229137] COG OPERATING LLC	Active	
01/18/2011	[309214] FEDERAL CU	[272295] THREE RIVERS OPERATING COMPANY LLC	Active	
10/01/2004	[300927] FEDERAL CU	[20165] SAMSON RESOURCES CO	Active	
11/08/2001	[5928] FEDERAL CU	[13429] LLANO LAND & EXPLORATION CO	Active	
01/01/2001	[5928] FEDERAL CU	[13429] LLANO LAND & EXPLORATION CO	Active	
12/01/1992	[5928] FEDERAL CU	[13429] LLANO LAND & EXPLORATION CO	Active	

## Financial Assurance

Bond Id	Bond Type	Amount	Issuer	Cash/Surety	Issuer Bond Number	Bond Cancellation Date
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DISTRICT I  
P.O. Box 1360, Hobbs, NM 88241-1360

DISTRICT II  
P.O. Drawer 80, Artesia, NM 88211-0719

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

DISTRICT IV  
P.O. Box 2088, Santa Fe, N.M. 87504-2088

State of New Mexico  
Energy, Minerals and Natural Resources Department

JUN 1 1998

Form C-102  
Revised February 10, 1994  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name WILDCAT
Property Code	Property Name PRIMERO FEDERAL	Well Number 1
OGRID No. 14049	Operator Name MARBOB ENERGY CORPORATION	Elevation 3873

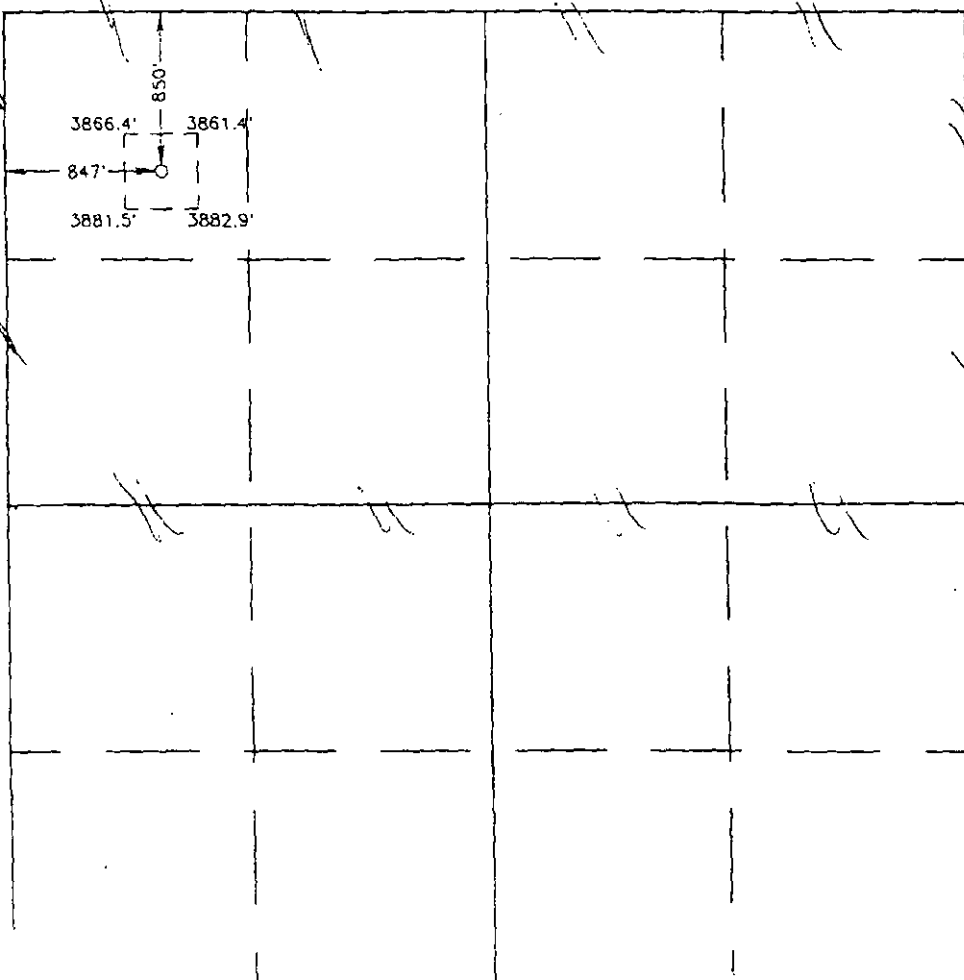
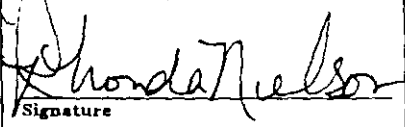
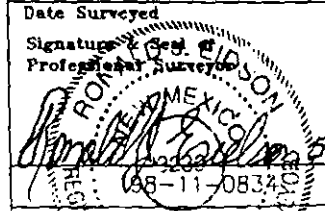
Surface Location

UL or lot No. D	Section 23	Township 26 S	Range 24 E	Lot Idn	Feet from the 850	North/South line NORTH	Feet from the 847	East/West line WEST	County EDDY
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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 320	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

	<b>OPERATOR CERTIFICATION</b>  I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.   Signature  RHONDA NELSON Printed Name  PRODUCTION ANALYST Title  10/5/98 Date
	<b>SURVEYOR CERTIFICATION</b>  I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.  MAY 22, 1998 Date Surveyed  Signature of Professional Surveyor Professional Surveyor   Certificate No. RONALD J. EDSON 3239

Boreholes, Strings and Equipment Specifications					Specifications for Strings and Tubing				Intervals		Cement and Plug Description			
String/Hole Type	Taper	Date Set	Diameter	Top	Bottom (Depth)	Wells Grade	Operator Data Length	Weight	Bottom of Cem	Top of Cem	Math	OCD Only Cement	Sacks	Administration Test (Y/N)
Packer	1		5.500	7758	7763		5	0.0	0	0			0	No
Tubing 1	1		2.375	0	7758		7758	0.0	0	0			0	No

## Well Completions

## [96856] WASHINGTON RANCH; MORROW, SOUTH (G)

Status: Active Last Produced: 04/01/2016

Bottomhole Location: K-23-26S-24E 850 FNL 847 FWL

Lat/Long:

Acreage: N/320 23-26S-24E Units: A B C D E F G H

DHC: No Consolidation Code:

Test: Production Method: Flowing

Oil Volume: 0.0 bbls

Gas Volume: 2793.0 mcf

Water Volume: 0.0 bbls

## Perforations

Date	Top Measured Depth (Where Completion Enters Formation)	Bottom Measured Depth (End of Lateral)
	7769	7779

## Notes

## Event Dates

Initial Effective/Approval: 02/02/1999

Most Recent Approval: 10/22/2010

Confidential Requested On:

Test Allowable Approval:

Production Test:

TD Reached:

Deviation Report Received: No

Directional Survey Received: No

First Oil Production:

Ready to Produce: 02/02/1999

C-104 Approval: 10/18/1999

Plug Back:

Authorization Revoked Start:

TA Expiration:

Confidential Until:

Test Allowable End:

DHC:

Rig Released:

Logs Received: No

Closure Pit Plat Received:

First Gas Production: 10/07/1999

Completion Report Received:

Revoked Until:

## Well Completion History

Effective Date	Property	Operator	Completion Status	TA Expiration Date
10/22/2010	[308093] PRIMERO FEDERAL	[229137] COG OPERATING LLC	Active	
02/02/1999	[23885] PRIMERO FEDERAL	[14049] MARBOB ENERGY CORP	Active	

DISTRICT I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720

DISTRICT III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

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

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

**RECEIVED**  
JAN 06 2012  
NMOCD ARTESIA  
EXAMINED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <b>30-015-3823</b>	Pool Code <b>96403</b>	Pool Name <b>COTTONWOOD SPRING-WILDCAT; BONE SPRING</b>
Property Code <b>39014</b>	Property Name <b>YELLOWSTONE 3 FEDERAL</b>	Well Number <b>3</b>
OGRID No. <b>272295</b>	Operator Name <b>THREE RIVERS OPERATING</b>	Elevation <b>3684'</b>

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	3	26-S	25-E		1980	SOUTH	660	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 <b>40</b>	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

<p>LOT 4</p> <p>LOT 3</p> <p>LOT 2</p> <p>LOT 1</p> <p>DETAIL</p> <p>3692.2' 3679.7'</p> <p>600'</p> <p>3689.7' 3672.0'</p> <p>NM-108027</p> <p>660'</p> <p>SEE DETAIL</p> <p>1980'</p> <p>GEODETIC COORDINATES NAD 23 NME</p> <p>SURFACE LOCATION Y=389122.4 N X=482611.0 E</p> <p>LAT.=32.069800° N LONG.=104.389470° W</p> <p>EXHIBIT "A"</p>	<p><b>OPERATOR CERTIFICATION</b></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 herein entered by the division.</p> <p><i>Joe T. Janica</i> Signature Date <b>Joe T. Janica</b> 12/27/11 Printed Name <b>joejanica@valornet.com</b> E-mail Address</p> <p><b>SURVEYOR CERTIFICATION</b></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>DECEMBER 14, 2011</p> <p>Date of Survey Signature &amp; Seal of Professional Surveyor: <i>Ronald J. Eidson</i> Certificate Number: Gary C. Eidson 12641 Ronald J. Eidson 3239 AF JWSC W.O. 11.11.2608</p>
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## Casing

MMCMILLAN (PETROLEUM ENGINEER FOR OCD) SIGN OUT HELP

Boreholes, Strings and  
Equipment SpecificationsWells Specifications for Strings  
Operator Data and TubingStrings Cemented and  
OCD Review IntervalsOCD Only  
Cement and Plug Description  
Administration

String/Hole Type	Taper	Date Set	Diameter	Top	Bottom (Depth)	Grade	Length	Weight	Bot of Cem	Top of Cem	Meth	Class of Cement	Sacks	Pressure Test (Y/N)
Hole 1	1	02/20/2012	17.500	0	420		0	0.0	0	0			0	No
Surface Casing	1	02/20/2012	13.375	0	420	J-55	420	54.5	420	0			0	No
Hole 2	1		12.250	420	1609		0	0.0	0	0			0	No
Intermediate 1 Casing	1		9.625	0	1609	N-80	1609	40.0	1609	0			0	No
Hole 3	1	03/15/2012	8.750	1609	8326		0	0.0	0	0			0	No
Production Casing	1	03/15/2012	7.000	0	8320	P-110	8320	26.0	8320	0			0	No
Tubing 1	1		2.875	0	5475		0	0.0	0	0			0	No

## Well Completions

[97945] WC-015 G-02 S262503L BONE SPRING

Status: Active Last Produced: 04/01/2016

Bottomhole Location: L-03-26S-25E 1980 FSL 660 FWL

Lat/Long:

Acreage: 40 03-26S-25E Units: L

DHC: No

Consolidation Code:

Test: Production Method: Pumping

Oil Volume: 20.0 bbls

Gas Volume: 480.0 mcf

Water Volume: 296.0 bbls

## Perforations

Date	Top Measured Depth (Where Completion Enters Formation)	Bottom Measured Depth (End of Lateral)
	5583	8254

## Notes: