

Submit 1 Copy To Appropriate District
Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

PMAM 192 98 336 95

Form C-103

Revised July 18, 2013

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-40039
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator EOG Y Resources, Inc.		6. State Oil & Gas Lease No.
3. Address of Operator P.O. Box 2267 Midland, TX 79702		7. Lease Name or Unit Agreement Name Mamba BQN State Com
4. Well Location Unit Letter N 300 feet from the South line and 1980 feet from the West line Section 30 Township 24S Range 33E NMPM County Lea		8. Well Number 1H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3553' GR		9. OGRID Number 25575
		10. Pool name or Wildcat WC-025 G-06 S253201M; UPPR BS

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: Surface Commingling **PL-1340** ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

EOG Resources requests permission to surface pool commingle production from the wells listed below and future wells within the same pools at a central tank battery. Detailed information attached.

Mamba BQN State Com 1H 30-025-40039 WC-025 G-07 S243225M; Upper Bone Spring (97784)
Mamba BQN State Com 2H 30-025-41648 WC-025 G-07 S243225C; Lower Bone Spring (97964)

Spud Date:

Rig Release Date:

Recommend Approval. Subject like Approval NM520
I hereby certify that the information above is true and complete to the best of my knowledge and belief. **WAG**

SIGNATURE

Stan Wagner
Stan Wagner

TITLE **Regulatory Analyst**

DATE **10/25/2018**

Type or print name

E-mail address:

PHONE: **432-686-3689**

For State Use Only

APPROVED BY:

Nathan Riley

TITLE **Director**

DATE **10/30/2018**

Conditions of Approval (if any):

DATE IN 10/25/2018	SUSPENSE	ENGINEER	LOGGED IN 10/25/2018	TYPE 12C	PMAM18298 3369
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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]

[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.

Stan Wagner

Print or Type Name

Signature

Regulatory Analyst

Title

10/25/2018

Date

Stan Wagner@eogresources.com
 e-mail Address

- PC
 - EOG
 7377
 well
 - Mamba
 30-025-4003
 POU
 Wildcat
 BS
 97784
 Wildcat
 BS
 97964

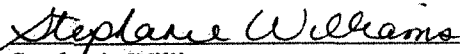
Certification of Ownership

I have reviewed the ownership of the oil and gas leasehold in Section 30, T24S-R33E, Lea County, New Mexico, for purposes of the APPLICATION FOR SURFACE POOL AND LEASE COMMINGLING. As of this date below, the ownership in the production from the following wells is identical ownership as defined in 19.15.12.7 B. NMAC:

	Well Name	Surface Location	API	Pool Code/Name	Status
1.	Mamba BQN State Com #1H	N-30-24S-33E	30-025-40039	97784 / WC-025 G06 S253201M	Producing
2.	Mamba BQN State Com #2H	C-31-24S-33E	30-025-41648	97964 / WC-025 G-07 S243225C	Producing

The royalty, overrides and working interest are the same in each well.

EOG Y Resources, Inc.



Stephanie Williams
Senior Landman
October 18, 2018

APPLICATION FOR SURFACE POOL AND LEASE COMMINGLING

EOG Resources, Inc. respectfully request administrative approval to surface pool and lease commingle oil and gas from the following wells:

	Well Name	Surface Location	API	Pool Code/Name	Status
1.	Mamba BQN State Com #1H	N-30-24S-33E	30-025-40039	97784 / WC-025 G06 S253201M	Producing
2.	Mamba BQN State Com #2H	C-31-24S-33E	30-025-41648	97964 / WC-025 G-07 S243225C	Producing

LEASE INFORMATION

We plan to surface commingle production from the following leases:

1. State Lease VB-0871 covers 318.50 acres, being Lots 3 and 4, E2SW4, SE4 of Section 30, Township 24 South, Range 33 East, N.M.P.M., Lea County, New Mexico. Ownership common in the Bone Spring formation.
2. State Lease VB-0864 covers 318.22 acres, being Lots 1 and 2, NE4, E2NW4 of Section 30, Township 24 South, Range 33 East, N.M.P.M., Lea County, New Mexico. Ownership common in the Bone Spring formation.

The central tank battery for the aforementioned wells will be located entirely within the boundary of State Lease VB-8671.

OIL AND GAS METERING / PROCESS AND DESCRIPTION

Process and Flow Descriptions:

The production from each well will flow into a dedicated water knock out and 2 phase separator. The production stream will be separated into 3 independent streams (gas, oil, and water) by the separator and each stream will be measured individually after it exits the separator. The gas will be measured using a meter and used to allocate total volume measured at the facility check meter and flare meter.

1. MAMBA BQN STATE COM #001H gas allocation meter is an Emerson orifice meter (S/N 90181137)
2. MAMBA BQN STATE COM #002H gas allocation meter is an Emerson orifice meter (S/N 90181138)

The oil from the separators will be measured using a Coriolis meter.

1. MAMBA BQN STATE COM #001H oil allocation meter is a FMC Coriolis meter (S/N 51792)

2. MAMBA BQN STATE COM #002H oil allocation meter is a FMC Coriolis meter (S/N 51794)

The water from each separator is combined in a common header and flows into (2) 500 barrel tanks. The oil from each separator will be combined into a common header and flow into a heated vertical separator (HHS) to aid separation of water entrained in the oil. Water from the heated separator flows into the common water header connected to the (2) 500 barrel tanks. The water is then pumped and/or trucked to a salt water disposal well. The oil from the heated separator flows into (4) 500 barrel coated steel tanks. Oil is pumped out of the tanks into a truck. After the gas from each separator is measured it is combined into a common header. The gas from the heated separator also flows to the flare. The gas flows through the header to a custody transfer orifice meter (#11036) that serves as our lease production meter. If the pipeline is experiencing problems and cannot take any gas, the gas will flow through the flare meter (#90187050) to the flare.

ATTACHMENTS

Please find attached a process flow diagram of the central tank battery, C-102 plat for each of the wells, a landman's statement certify the ownership of the wells and a plat of wells with surface facilities.

APPLICATION FOR, COMMINGLING AT A COMMON CENTRAL TANK BATTERY

Proposal for **MAMBA BQN #1 & #2 STATE COM BATTERY**:

EOG Resources, Inc. is requesting approval to commingle the following wells in a common central tank battery:

State Lease Nos. **VB-0871; VB-0864**

Well Name	Location	API #	Pool	Oil BPD	Gravities	MSCFPD	BTU
MAMBA BQN STATE COM 01H		30-025-40039		24	42.8	624	1093.4
MAMBA BQN STATE COM 02H		30-025-41648		48	42.7	43	1277.8



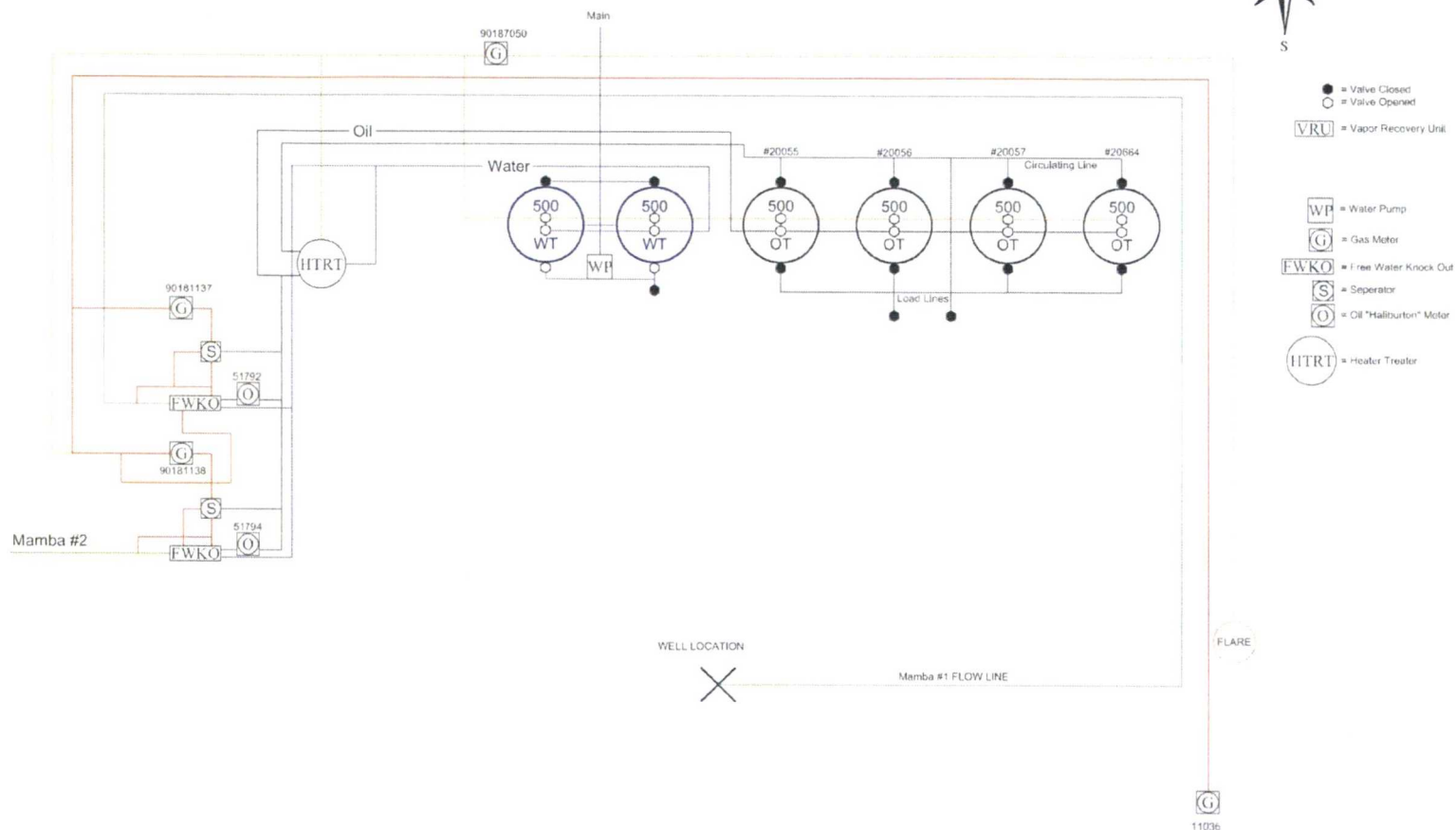
BKM - 6/1/2018

Mamba BQN #1 & #2 State Com Battery

330' FSL & 1980' FWL * Sec 30 - T24S-R33E* Unit N

Lea County, NM

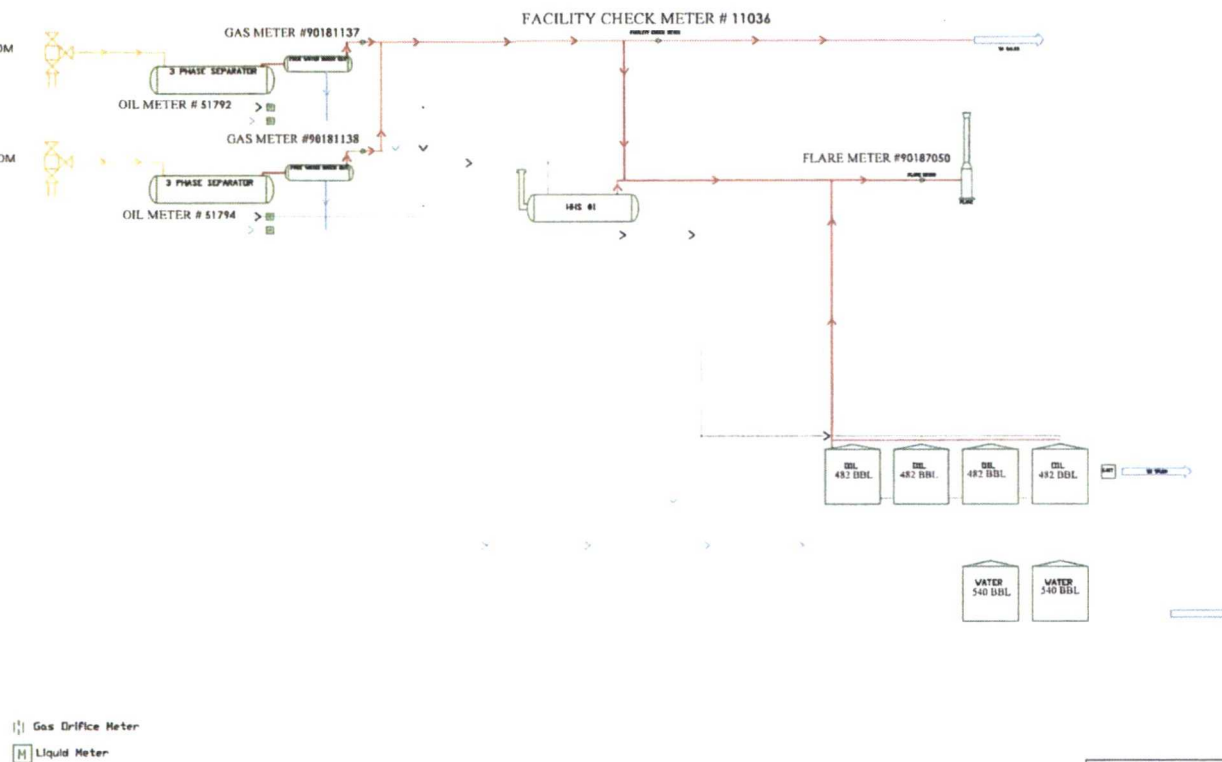
API - 3002540039



FACILITY NAME: MAMBA BQN #1 & #2 STATE COM BATTERY

WELL NAME:
MAMBA BQN STATE COM
#001H
API NUMBER:
30-025-40039

WELL NAME:
MAMBA BQN STATE COM
#002H
API NUMBER:
30-025-41648



MAMBA BQN #1 & #2 STATE COM
BATTERY PROCESS FLOW

EDG RESOURCES
MIDLAND DIVISION

BY: BKW

rev. 00
5/22/2018

MAY 09 2012

HOBBS OCD

DISTRICT I

1625 N. French Dr., Hobbs, NM 88240
Phone (505) 393-6161 Fax: (505) 393-0720

DISTRICT II

811 S. First St., Artesia, NM 88210
Phone (505) 748-1283 Fax: (505) 748-9720

DISTRICT III

1000 Rio Brazos Rd., 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) 476-3462State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102

Revised August 1, 2011

Submit one copy to appropriate
District Office

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-41648	Pool Code 97964	Pool Name Wildcat; Bone Spring
Property Code 38464	Property Name Mamba BQN State Com	Well Number 2H
OGRID No. 025575	Operator Name YATES PETROLEUM CORPORATION	Elevation 3,537' GR

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	31	24S	33E		175	North	2230	West	Lea

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
C	30	24S	33E		297	North	1978	West	Lea

Dedicated Acres 160	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 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. <i>Laura Watts</i> 6/27/14 Signature Date Laura Watts Printed Name laura@yatespetroleum.com Email 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. Date Surveyed Signature & Seal of Professional Surveyor

0' 1000' 2000' 3000' 4000'
SCALE: 1" = 2000'
WO Num.:

Production Summary Report

API: 30-025-40039

MAMBA BQN STATE COM #001H

Printed On: Thursday, October 25 2018

		Production					Injection				
Year	Pool	Month	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days P/I	Water(BBLS)	Co2(MCF)	Gas(MCF)	Other	Pressure
2018	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Jan	468	13330	345	31	0	0	0	0	0
2018	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Feb	522	14538	354	28	0	0	0	0	0
2018	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Mar	239	11395	421	31	0	0	0	0	0
2018	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Apr	387	11048	639	30	0	0	0	0	0
2018	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	May	272	11654	116	31	0	0	0	0	0
2018	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Jun	456	10333	450	30	0	0	0	0	0
2018	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Jul	320	8072	19	30	0	0	0	0	0
2018	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Aug	382	9427	241	31	0	0	0	0	0

Production Summary Report
API: 30-025-41648
MAMBA BQN STATE COM #002H
Printed On: Thursday, October 25 2018

		Production					Injection				
Year	Pool	Month	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days P/I	Water(BBLS)	Co2(MCF)	Gas(MCF)	Other	Pressure
2018	[97964] WC-025 G-07 S243225C;LWR BONE SPRIN	Jan	861	2461	1582	31	0	0	0	0	0
2018	[97964] WC-025 G-07 S243225C;LWR BONE SPRIN	Feb	1068	3406	2579	28	0	0	0	0	0
2018	[97964] WC-025 G-07 S243225C;LWR BONE SPRIN	Mar	1218	3926	3065	31	0	0	0	0	0
2018	[97964] WC-025 G-07 S243225C;LWR BONE SPRIN	Apr	1325	4273	4649	30	0	0	0	0	0
2018	[97964] WC-025 G-07 S243225C;LWR BONE SPRIN	May	1167	2243	5213	31	0	0	0	0	0
2018	[97964] WC-025 G-07 S243225C;LWR BONE SPRIN	Jun	171	3453	550	30	0	0	0	0	0
2018	[97964] WC-025 G-07 S243225C;LWR BONE SPRIN	Jul	0	2834	23	30	0	0	0	0	0
2018	[97964] WC-025 G-07 S243225C;LWR BONE SPRIN	Aug	1339	3249	2484	31	0	0	0	0	0