PMAM 170344 BS

ABOVE THIS LINE FOR DIVISION USE ONLY

## NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -1220 South St. Francis Drive, Santa Fe, NM 87505



* · ·	THIS CHECKLIST IS	MANDATORY FOR ALL ADMINISTRATIVE APPLICA WHICH REQUIRE PROCESSING AT TO		RULES AND REGULATIONS
Appl	ication Acronyr		E DIVIDION EEVEE IN OANTA' E	
7 - 1		andard Location] [NSP-Non-Standard P	roration Unit] [SD-Simultaneou	ıs Dedication]
			mmingling] [PLC-Pool/Lease	
	[PC-I	Pool Commingling] [OLS - Off-Lease S	,我就能是这个元子还是他说:"一三年的,我从后,一个人,我们会	<del>.</del>
	•	[WFX-Waterflood Expansion] [PMX-		on]
	/FOD 0-	[SWD-Salt Water Disposal] [IPI		· · . <u>*_</u>
	[EOR-QU	ialified Enhanced Oil Recovery Certifica	tion] [PPR-Positive Production	on Responsej
[1]	TYPE OF A	APPLICATION - Check Those Which A	pply for [A] $-p_{LL}$	
	[A]	Location - Spacing Unit - Simultaneo		
		□ NSL □ NSP □ SD	-Ap2	checorp 873
	Chec	ck One Only for [B] or [C]	·	0 /3
	[B]	Commingling - Storage - Measuremen	nt	Well
	,	☐ DHC ☐ CTB ☑ PLC [	PC OLS OLM	-SBState41
			<u>s</u>	,
	[C]	Injection - Disposal - Pressure Increas		30-015-3228
		☐ WFX ☐ PMX ☐ SWD	☐ IPI ☐ EOR ☐ PPR	+5 wells
* .	[D]	Other: Specify	<u> </u>	P001
[2]	NOTIFICA	TION REQUIRED TO: - Check Those	Which Apply or Does Not Ar	ply - pedlAxe
[-]	[A]	Working, Royalty or Overriding		
	[**]		itojung intorost o whors	Gueen Graybung. 51300
	[B]	Offset Operators, Leaseholders o	r Surface Owner	51300
				- Red LAKe, Cluni etc-yesi, Northeast
	[C]	Application is One Which Requi	res Published Legal Notice	Cluriete - Y esu
	: [75]		II DIN GIO	Northeast
	[D]	Notification and/or Concurrent A U.S. Bureau of Land Management - Commissioner	pproval by BLM or SLO of Public Lands, State Land Office	96836
	(E)	For all of the above, Proof of Not	tification or Publication is Attach	ned, and/or,
	[F]	Waivers are Attached		
	Company of the second	Angelogical Committee of the Committee o		
[3]		CCURATE AND COMPLETE INFOR CATION INDICATED ABOVE.	MATION REQUIRED TO PI	ROCESS THE TYPE
r 4 1	CEDTIEIC	TRONG I Lamba and Garage at a single-	alian andronika di malak aktori di 1900 a	· <b></b>
[4]		<b>ATION:</b> I hereby certify that the informa and <b>complete</b> to the best of my knowledge.		
	and the second of the second o	required information and notifications are		on will be taken on this
ռեհա				•
	Not	te: Statement must be completed by an individua	al with managerial and/or supervisory	capacity.
	,	Jx. Lal (10 man	BBQU :	<u> </u>
	Alonso or Type Name	Signature 11 11	REGULATORY ANALYST Title	02/07/2017 Date
	- Typo Tigino	Signiture	1110	Date
		$\vec{\psi}$ .	Isabel.alonso@apachece	orp.com
		•	e-mail Address	* .



February 7, 2017

Mr. Michael McMillan **New Mexico Oil Conservation Division** 1220 South St Frances Drive Santa Fe NM 87505

Request to Administratively Amend Surface Commingling Authority

Order PLC-207-B

SB State, TDF State, and NMBP State Leases

Northeast Red Lake Glorieta-Yeso (Oil - 96836) Pool

**Eddy County, New Mexico** 

Dear Mr. McMillan:

Apache respectfully requests administrative approval to amend Order PLC-207-B, as approved on July 20, 2004. This order, as written, requires "...separate measurement of water and separate, continuous measurement of oil prior to commingling" due to diverse ownership.

### **Proposal:**

Apache proposes to allocate production between the following wells, based on frequent and periodic well tests:

SB State #1:

API 30-015-32218

SB State #2:

API 30-015-42002

SB State #4:

API 30-015-42003

NMBP State #1: API 30-015-33158

TDF State #1:

API 30-015-32231

Note that the following well will continue to be measured separately, as to oil and gas production, as this well has a separate test and metering installation:

TDF State #2:

API 30-015-32900

This request is the result of deterioration of the existing separation and measurement equipment at the common facility. Previously, the facilities included separation equipment for each lease, as required by the approved order. Over time the facilities have become unusable. The productive ability of these leases does not justify the capital expenditure necessary to replace this equipment, and requiring such replacement will cause premature abandonment of these otherwise economic properties. This will, of Mr. Michael McMillan
PLC-207-B Amendment Request
Page 2

course, result in the loss of revenue to the State of New Mexico and the abandonment of recoverable reserves in place.

### **Measurement:**

The TDF State #2 will be maintained on separate measurement due to facilities in place. The remaining TDF State well, the SB State wells, and the NMBP state well will share a common separation, storage, and metering facility. A test separator with oil and gas measurement capability will be used, on a rotating basis, to routinely meter each well's production stream separately. This individual well test data will be used to fairly allocate oil and gas production to each lease, based on a pro-rata share or total production. The wells will be rotated through the test separator on an equal time based, estimated to occur approximately every five days. This will assure proper allocation of production on a monthly basis.

A facility diagram is included, illustrating before and after arrangements should this request be approved.

### **Notification:**

The working, royalty, and overriding royalty interests differ slightly between the three leases. The State of New Mexico has a consistent 1/8 royalty interest across all the leases. A service list with certified mail numbers is attached to this request. This notice was mailed today, February 7, 2017.

Please advise if this request is acceptable. If you need further information, please contact Isabel Alonso, Regulatory Analyst, at 432-818-1142 or Isabel alonso@apachecorp.com or you may contact me at mark henkhaus@apachecorp.com or by telephone at 432-818-1883.

Sincerely,

R. Mark Henkhaus, PE Regulatory Manager

Permian Region



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Mark E. Fesmire, P.E.
Director
Oil Conservation Division

COMMINGLING ORDER PLC-207-B

Marbob Energy Corporation P.O. Box 227 Artesia, New Mexico 88211-0227

Attention: Mr. Dean Chumbley:

Marbob Energy Corporation is hereby authorized to surface commingle production from the following leases and pools - all located within Eddy County, New Mexico:

### **POOLS:**

Red Lake Queen-Grayburg-San Andres (Oil - 51300), and Northeast Red Lake Glorieta-Yeso (Oil - 96836)

### LEASES:

SB State Lease (Lease No. B-7244)
SW/4 NW/4, Section 2, Township 18 South, Range 27 East, NMPM

TDF State Lease (Lease No. B-7244)
SE/4 NW/4, Section 2, Township 18 South, Range 27 East, NMPM

NMBP State Lease (Lease No. B-7244) NW/4 SW/4, Section 2, Township 18 South, Range 27 East, NMPM

### **WELLS:**

SB State Well No. 1 (API No. 30-015-32218) Unit E TDF State No. 1 (API No. 30-015-32231) Unit F TDF State No. 2 (API No. 30-015-32900) Unit F NMPB State No. 1 (API No. 30-015-33158) Unit L

Due to diverse ownership between the above-described leases, each of these leases shall have separate measurement of water and separate, continuous measurement of oil prior to commingling. Allocation meters shall be regularly calibrated for accuracy. All liquids production shall be commingled into the SB State Tank Battery located in the SW/4 NW/4, Section 2, Township 18 South, Range 27 East, NMPM. Gas shall not be commingled.

Administrative Order PLC-207-B Marbob Energy Corporation July 20, 2004 Page 2

NOTE: This installation shall be installed and operated in accordance with the applicable provisions of Rule 309-B of the Division Rules and Regulations and the Division "Manual for the Installation and Operation of Commingling Facilities." It is the responsibility of the producer to notify the transporter of this commingling authority.

FURTHER: The operator shall notify the supervisor of the Artesia District office prior to implementation of the commingling process.

Remarks: This amended surface commingling order deletes previous authority to surface commingle production from the MJ State Lease comprising the NW/4 NW/4 of Section 2, and from the BM State Lease comprising the NE/4 SW/4 of Section 2, both in Township 18 South, Range 27 East, NMPM. This order now authorizes the surface commingling of Northeast Red Lake Glorieta-Yeso and Red Lake Queen-Grayburg-San Andres Pool production from the SB State Lease, TDF State Lease, and the NMBP State Lease, all as fully described by this order.

DONE at Santa Fe, New Mexico, on this 20th day of July, 2004.

Mark E. Fesmire, P.E.

Director

### MEF/DRC

cc: Oil Conservation Division - Artesia State Land Office - Santa Fe



February 2, 2017

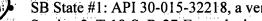
Sent via certified mail

Interest Owner Name Street # City, State Zip

Notice of Intent to Surface Commingle Production from the SB State #1, #2, #4; TDF State #1, #2; and NMBP State #1 Section 2, Township 18 South, Range 27 East Eddy County, New Mexico

Dear Interest Owners.

Apache Corporation ("Apache") hereby requests your approval to surface commingle production from the following existing wells:



SB State #1: API 30-015-32218, a vertical well located at 1,650' FNL and 330' FWL, UL E, Section 2, T-18-S, R-27-E, producing from the NE Red Lake Glorieta Yeso pool
SB State #2: API 30-015-42002, a vertical well located at 1 000' FNI
Section 2, T-18 S, B-27 F

Section 2, T-18-S, R-27-E, producing from the NE Red Lake Glorieta Yeso pool

SB State #4: API 30-015-42003, a vertical well located at 2,515' FNL and 800' FWL, UL E. Section 2, T-18-S, R-27-E, producing from the NE Red Lake Glorieta Yeso pool 1/2/

TDF State #1: API 30-015-32231, a vertical well located at 1,960' FNL and 1,650' FWL, p UL E, Section 2, T-18-S, R-27-E, producing from the NE Red Lake Glorieta Yeso pool TDF State #2: API 30-015-32900, a vertical well located at 1,650' FNL and 2,305' FWL,

UL E, Section 2, T-18-S, R-27-E, producing from the NE Red Lake Glorieta Yeso pool

NMBP State #1: API 30-015-33158, a vertical well located at 2,185' FNL and 990' FWL, UL E, Section 2, T-18-S, R-27-E, producing from the NE Red Lake Glorieta Yeso pool

Please be aware that the interest ownership differs slightly between the SB State, TDF State, and NMBP State wells. In order to commingle production at the surface, production from each of the wells must be allocated by well test to account for the difference in ownership.

Enclosed for your review is a copy of Apache's application requesting approval from the Bureau of Land Management and the New Mexico Oil Conservation Division to surface commingle the referenced wells. To evidence your approval for the surface commingling of production, please execute the signature block below and return one copy of this letter to my attention by e-mail, fax, or using the prepaid return envelope enclosed herewith. Should you have any questions, please don't hesitate to contact me.

Notice of Intent	to Surface Comming	le
Page 2		:
: .		:
Sincerely,		
		;
<b>APACHE</b>	<b>CORPORAT</b>	<b>ION</b>
		-: :

Laci Stretcher
Landman
laci stretcher@apachecorp.com
432-818-1846 (office)
432-818-1197 (fax)

The undersigned hereby approves to surface commingle production, as proposed in this letter, subject to further approval by the New Mexico Oil Conservation Division.

Signature

Printed Name

Title

<b>SB State</b>	#1:	#2.	#4

			e, hilinggaga galak kiling		
					:
	SB State #1, #2, #4			- L. Hall - Halielin - Van Artik lig	
		Party Name	The Annihilation of the Control	Certified Mail No.	
	Royalty Interest	STATE OF NEW MEXICO	PO BOX 1148 Santa Fe NM 87504	7015 0640 0003 0223 9798	
		ZPZ DELAWARE I LLC (OPERATOR)	2000 POST OAK BLVD, STE 100 HOUSTON, TX 77056	Not applicable	::::
		COG OPERATING LLC	600 W Illinois Ave Midland, TX 79701	7015 0640 0003 0223 9804	.i. 
	Overriding Royalty	SPURCK FAMILY REVOCABLE TRUST	22712 Erwin Street, Woodlands Hills, CA 91367	7015 0640 0003 0223 9811	
		DAWN N STEAD SURVIVORS TRUST	22712 Erwin Street, Woodlands Hills, CA 91367	7015 0640 0003 0223 9828	.: 
		HARLAN STEAD ESTATE TRUST	3262 Avenida De Sueno Carlsbad, CA 92009	7015 0640 0003 0223 9835	· !!!! .:
	TDF State #1, #2				
	Royalty Interest	STATE OF NEW MEXICO	PO BOX 1148 Santa Fe NM, 87504	7015 0640 0003 0223 9798	
		ZPZ DELAWARE I LLC (OPERATOR)	2000 POST OAK BLVD, STE 100 HOUSTON, TX 77056	Not applicable	
		COG OPERATING LLC	600 W Illinois Ave Midland, TX 79701	7015 0640 0003 0223 9804	
	Overriding Royalty	JANE ANN HUDSON DAVIS	6770 Wolf Creek CT Rio Rancho, NM 87124-5708	7015 0640 0003 0223 9842	
··· · · · · · · · · · · · · · · · · ·		JOAN ANN HUDSON	660 Camino De Las Mares San Clemente, CA 92673	7015 0640 0003 0223 9859	
		JONEL SUSAN GRASSO	11 Ocean Ridge Lagun Niguel, CA 92677	7016 0640 0003 0223 9866	.:
	NMBP State #1				
	Royalty Interest	STATE OF NEW MEXICO	PO BOX 1148 Santa Fe NM, 87504	7015 0640 0003 0223 9798	
		ZPZ DELAWARE I LLC (OPERATOR)	2000 POST-OAK BLVD, STE 100 HOUSTON, TX 77056	Not applicable	:: :::: :::::
		COG OPERATING LLC	600 W Illinois Ave Midland, TX 79701	7015 0640 0003 0223 9804	
	Overriding Royalty	NOBLE ROYALTIES INC	PO Box 660082 Dallas, TX 75266-0082	7015 0640 0003 0223 9880	
		NESTEGG ENERGY CORPORATION	2308 Sierra Vista RD Artesia, NM 88210	7015 0640 0003 0223 9873	iii
		BILL GOLDSTON FAMILY TRUST	PO BOX 40909 Austin, TX 78704	7015 0640 0003 0223 9415	: :

# Apache Corporation SB- State Battery

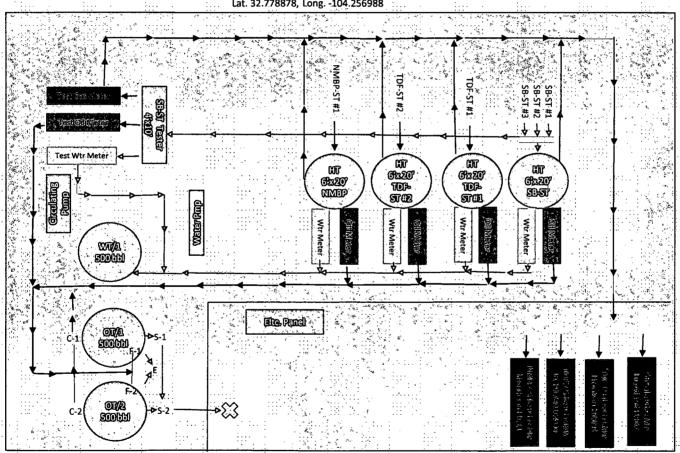
(CURRENTLY 2016) Sec. 2, T18S, R27E Lat. 32.778878, Long. -104.256988

### Oil Tank Sealing Requirements

- A. Production Phase (OT/1)
- a. valve F-1 open b. valve E open
- c. valve S-1 sealed closed
- d. valves on OT/2
- i. valve F-2 closed ii. valve C-2 sealed
- iii. Valve S-2 sealed closed

### B. Sales Phase (OT/1)

- a. valve F-1, E, C-1 sealed closed
- b. valve S-1 open to sales
- c. valve OT-2
- i valve F-2 open
- ii. valve C-2 sealed
- iii. Valve S-2 sealed closed



Apache Corp. 1945 Bluestem Rd. Artesia, NM 88210 575-677-3642

### Wells Going To Facility:

SB-ST#1 API# 30-015-32218 Sec. 2 - T18S - R27E Lease #B-7244, Unit E SB-ST #2-API# 30-015-42002 Sec. 2 - T18S - R27E Lease #B-7244, Unit E SB-ST #4 API# 30-015-42003 Sec. 2 - T185 - R27E Lease #B-7244, Unit E TDF- ST #1 API# 30-015-32231 Sec. 2 - T18S - R27E Lease #B-7244, Unit F TDF-ST#2 API# 30-015-32900 Sec. 2 - T18S - R27E Lease #B-7244, Unit F NMBP-ST#1 API# 30-015-33158 Sec. 2 - T185 - R27E Lease #B-7244, Unit L

S = Oil Sales Line Valve

E = Equalizer Line Valve

F = Fill Line Valve:

C = Circulating Line Valve

# Apache Corporation SB- State Battery

(Proposed 2017)

**Oil Tank Sealing Requirements** 

A. Production Phase (OT/1)

c. valve \$-1 sealed closed

iii. Valve S-2 sealed closed

b. valve S-1 open to sales

i. valve F-2 open

ii. valve C-2 sealed

iii. Valve S-2 sealed closed

a. valve F-1, E, C-1 sealed closed

i. valve F-2 closed .

ii. valve C-2 sealed

a. valve: F-1 open

d. valves on OT/2

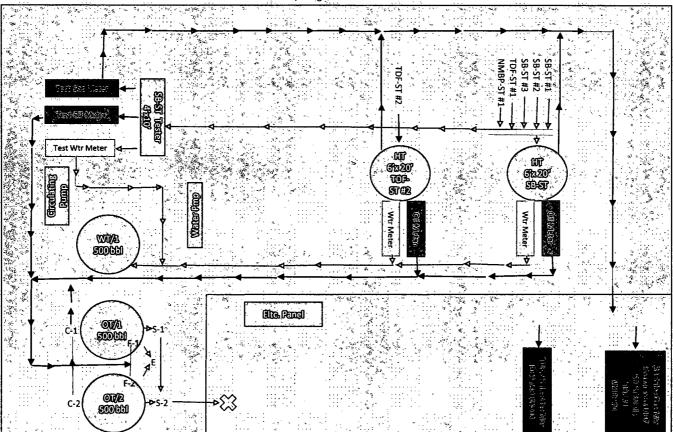
B. Sales Phase (OT/1)

c. valve OT-2

b. valve E open

Sec. 2, T18S, R27E

Lat. 32.778878, Long. -104.256988



Apache Corp. 1945 Bluestem Rd. Artesia, NM 88210 575-677-3642

Wells Going To Facility:

**SB-ST#1** API# 30-015-32218 Sec. 2-T18S-R27E Lease #B-7244, Unit E SB-ST #2 API# 30-015-42002 Sec. 2 - T18S - R27E Lease #B-7244, Unit E SB-ST #4 API# 30-015-42003 Sec. 2 - T18S - R27E Lease #B-7244, Unit E TDF- ST #1 API# 30-015-32231 Sec. 2 - T18S - R27E Lease #B-7244, Unit F TDF- ST #2 API# 30-015-32900 Sec. 2 - T18S - R27E Lease #B-7244, Unit F NMBP-ST#1 API# 30-015-33158 Sec. 2 - T18S - R27E Lease #B-7244, Unit L

S = Oil Sales Line Valve

E = Equalizer Line Valve

F = Fill Line Valve

C = Circulating Line Valve

### State of New Mexico

DISTRICT I P.O. Box 1980, Hobbs, NN 88241-1980

Energy, Minerals and Natural Resources Department

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

### DISTRICT II P.O. Drawer BD, Artesia, NM 86211-0719

### OIL CONSERVATION DIVISION

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

DISTRICT III 1000 Rto Braxos Rd., Asteo, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

2088, SANTA FR. N.M. 87504-2088 API Number	Pool Code	Pool Name				
	96836	RED LAKE; GLORIETA YESO,	NORTHEAST			
Property Code	•	perty Name STATE	Well Number			
OGRID No.	MARBOB ENEI	rator Name RGY CORPORATION	Elevation 3572			

Surface Location

UL or lot No. Section Township Rai	ge Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E   2   18-S   27-	-E	1650	NORTH	330	WEST	EDDY
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Bottom Hole Location If Different From Surface

					and the second second				
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1 2 2 1									
Dedicated Acre	Joint o	r Infill Co	nsolidation C	ode Ord	ler No.				
40	•								

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

LOT 4	LOT 3	LOT 2	LOT 1	OF THE PROPERTY OF THE STATE OF
				OPERATOR CERTIFICATION
·		•		I hereby certify the the information
1	,	1	1	contained herein is true and complete to the
. !			,	best of my knowledge and belief.
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				I Frank Town
39.59 AC	39. <u>53_AC</u>	39.44 AC	39.3 <u>8 AC</u>	Signature
			1	DIANA J. CANNON
<b></b> 0		1		Printed Name
330			1	PRODUCTION ANALYST
			1	Title
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and the second second		1	- 0.20 N	Date
				the state of the s
<u></u>			- Left # 5	SURVEYOR CERTIFICATION
	<del></del>		2752 70	I hereby certify that the well location shown
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1			ı	Certificate No. RONALD 3 EDSON 3239 GARY HUSON 1284
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### State of New Mexico

DISTRICT I P.C. Box 1980, Hobbs, NM 88841-1980

Energy, Minerals and Natural Resources Department.

Form C-102 Revised February 10, 1994 Submit to Appropriate District Office

DISTRICT II P.O. Drawer DD, Artesia, NM 88311-0719

### OIL CONSERVATION DIVISION P.O. Box 2088

State Lease - 4 Copies Fee Lease - 3 Copies

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

Santa Fe. New Mexico 87504-2088

DISTRICT IV P.O. BOX 2088, SANTA FR. N.M. 87504-2088	WELL LOCATION AND	ACREAGE DEDICATION PLAT	T □ AMENDED REPORT			
API Number	Pool Code	Pool Name  RED LAKE QUEEN GRAYBURG SA				
30-015-32218	51300					
Property Code 29518	Prop SB	Well Number				
OGRID No. 14049	Oper MARBOB ENER	ator Name GY CORPORATION	Elevation 3572			

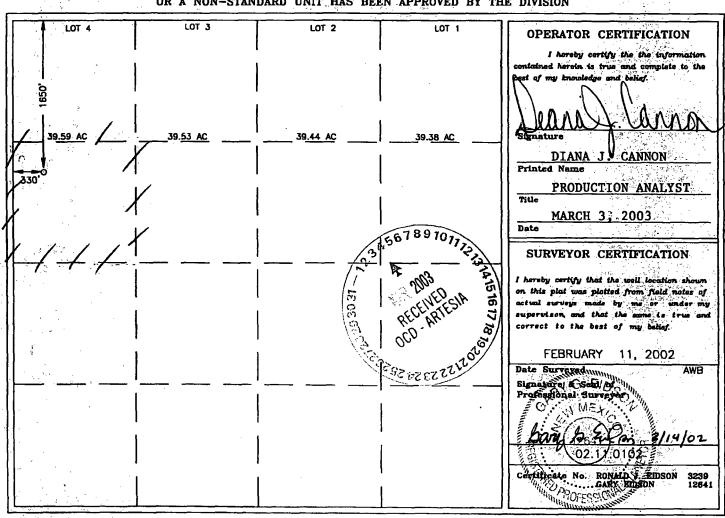
### Surface Location

1	UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
i	Ε	2	18-S	27-E		1650	NORTH	330	WEST	EDDY	ı

### 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 Acre	s Joint o	r Infill   Co	nsolidation (	Code Or	der No.		L,		

### 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



OCD - HOBBS 11/30/2016 RECEIVED

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210 District III 🕹

1000 Rio Brazos Rd., Aztec, NM 87410 District IV

State of New Mexico

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

1220 S. St. Francis	Dr., Santa F	e, NM 8750	5	_				ļ	MA L	NDED K	EPORT
			WELL LC	CATIO	N AND ACR	EAGE DEDIC	CATION PLA	T			
30-015-4200	API Number 2	P	96836	' Pool Code		'Pool Name O Red Lake, Glorieta-Yeso, Northeast				KZ	,
Property (		SB State	<del></del>	<sup>5</sup> Property Name					'Well Number 002		
'OGRID 873		Apache	Corporation:	Operator Name ration: 303 Veterans Airpark Lane, Suite 1000 Midland, TX 79705					3568'	Elevation	
					10 Surface	Location				582 - \$	
UL or lot no. E	Section 2	Township 18S	Range 27E	Lot Idn	Feet from the 1900	26 - 11 -	Feet from the 990	Eas West	t/West line	Eddy	County
			11 Bo	ttom Ho	le Location I	f Different From	m Surface			, ,	# 1.7 2 11
UL or lot no. E	Section 2	Township 18S	Range 27E	Lot Idn	Feet from the 1650	North/South line North	Feet from the 990	Eas West	t/West line	Eddy	County
" Dedicated Acres	o Joint or	Infill "	Consolidation (	Code "Ore	der No.						4

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

		and the second of the second o
0061		17 OPERATOR CERTIFICATION  I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land inchaling 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 tricrest, or to a voluntary pooling agreement or a compulsary pooling order hereuffure emercul by the distation
990' > 0		Signature Date Isabel Hudson
		Printed Name
		18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.
		Date of Survey
		Signature and Seal of Professional Surveyor:
		Certificate Number

OCD - HOBBS 11/30/2016

1625 N. French Dr., Hobbs, NM 88240 RECEIVED

State of New Mexico

Form C-102

Energy, Minerals & Natural Resources Department

Revised October 12, 2005

District II 1301 W. Grand Avenue, Artesia, NM 88210

**OIL CONSERVATION DIVISION** 

Submit to Appropriate District Office

District III

1220 South St. Francis Dr.

State Lease - 4 Copies

1000 Rio Brazos Rd., Aztec, NM 87410 District IV

Santa Fe, NM 87505

Fee Lease - 3 Copies

1220 S. St. Francis Dr., Santa Fe, NM 87505

☑ AMENDED REPORT

· .		W	ELL LO	CATIO	N AND ACE	REAGE DEDIC	CATION PLA	·Τ	
API 30-015-42003	Number		96836	' Pael Code		Lake, Glorieta-Ye	'Pool Na so Northeast	™OK per }	2
Property Code 308700		SB State		,	* Property	Name		004	Well Number
"OGRID No. 873		Apache Co	rporation:	303 Vete	Operator rans Airpark La	Name ine, Suite 1000 M	lidland, TX 797	<b>705</b> 3551'	Elevation
	. 1				10 Surface	Location			* * * * * * * * * * * * * * * * * * * *
UL or lot no. E 2	Section	Township 18S	Range 27E	Lot Idn	Feet from the 2515	North/South line North	Feet from the 800	East/West line West	County Eddy
ere production and the second		, , , , , , , , , , , , , , , , , , ,	11 Bo	ttom Ho	le Location I	f Different From	m Surface	e mai A series de la companya de la compa	
UL or lot no.	Section	Township 18S	Range 27E	Lot Idn	Feet from the 2296	North/South line North	Feet from the 980	East/West line West	County Eddy
" Dedicated Acres	Joint or	Infill "Co	nsolidation C	Code "Oro	der 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

	The state of the second of the
91	17 OPERATOR CERTIFICATION  I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land incheding 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 ar working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofoge optered by the division
	Signature Date:  Isabel Hudson
180 1	Printed Name
	18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.
	 Date of Survey
	Signature and Seal of Professional Surveyor.
	Certificate Number

### State of New Mexico

DISTRICT I P.O. Box 1980, Robbs, NM 88241-1980

Energy, Minerals and Natural Resources Department

Form C-102 Revised February 10, 1994

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DISTRICT II P.O. Drawer DD, Artesia, NM 86211-0719

OIL CONSERVATION DIVISION P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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

DISTRICT IV P.O. BOX 2088, SANTA FE, N.M. 87504-2088	WELL LOCATION AND	ACREAGE DEDIC	ATION PLAT	□ AMENDED REPORT
API Number	Pool Code		Pool Name	
	96836	RED LAKE;	GLORIETA YESO,	NORTHEAST
Property Code	Prop	erty Name		Well Number
	TDF	STATE		1
OGRID No.	Oper	ator Name		Elevation
14049	MARBOB ENER	GY CORPORATION	ON	3561'

### Surface Location

F 2 18-S 2	Range Lot Idn	Feet from the North/South line 1960 NORTH	Feet from the	East/West line County WEST EDDY
			<u> </u>	<del></del>

### 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
	t es		:					
Dedicated Acres Joint or	Infill Co	solidation C	ode Ord	ler No.				
40					2.0			

## NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED

LOT 4	LOT 3	LOT 2	LOT 1	OPERATOR CERTIFICATION
			' . }	I hereby certify the the information contained herein is true and complete to the
				best of my knowledge and belief.
7,44	196			llaral larran
39.59 AC	39. <u>53 AC</u>	39 <u>.44 AC</u>	39.38 AC	DIANA J. CANNON
1	;			Printed Name PRODUCTION ANALYST
1650	-6			Title MARCH 5, 2002
1	· · · · · · · · · · · · · · · · · · ·		1 .	Dato
	<u></u>			SURVEYOR CERTIFICATION
				I hereby certify that the well location shown on this plat was plotted from field notes of
1	, 		1 ]	actual surveys made by me or under my supervison, and that the same is true and correct to the best of my belief.
				FEBRUARY 14, 2002
				Date Surveyed AWB
			' 	Professional Strveyor
1	l I			Small Sollon 2/18/02
				//02=11:0103
	,		1	Certificate No. RONALD J. EIDSON 3239 GARY EIDSON 1264

### State of New Mexico

DISTRICT I P.O. Box 1980, Hobbs, NM 88241-1980 Energy, Kinerals and Natural Resources Department

Form C-102 Revised February 10, 1894 Submit to Appropriate District Office, State Lease - 4 Copies

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### OIL CONSERVATION DIVISION P.O. Box 2088

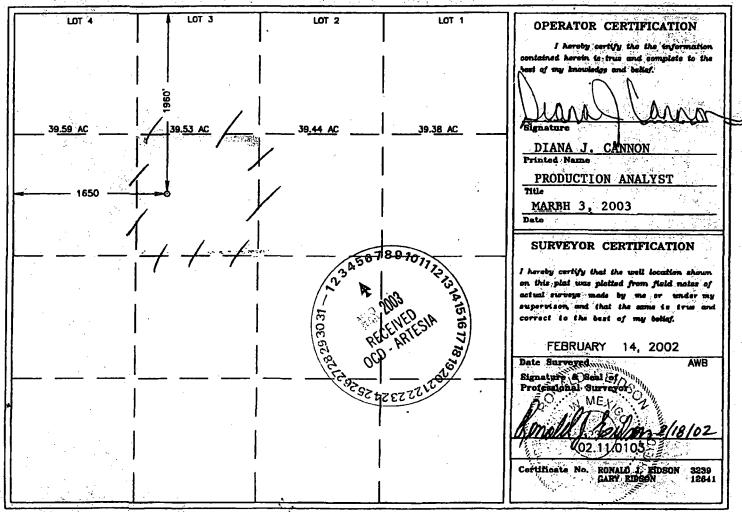
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DISTRICT III 1000 Rio Brazos Rd., Artec, NK 87410 Santa Fe, New Mexico 87504-2088

DISTRICT IV	WELL LOCATION AND	ACREAGE DEDICATION PLAT	□ AMENDED REPOR
API Number	Pool Code	Pool Name	
30-015-32231	51300	RED LAKE QUEEN GRA	AYBURG SAN ANDRES
Property Code 29595		erty Name STATE	Well Number
OGRID No. 14049		ator Name GY CORPORATION	3561'
**************************************	Surfac	ce Location	

### Section Lot Idn Feet from the North/South line Feet from the East/West line County Township Range UL or lot No. 2 **NORTH** 1650 WEST **EDDY** 18-S 27-E 1960 F Bottom Hole Location If Different From Surface Lot Idn Feet from the North/South line Feet from the Bast/West line County Section Township Range UL or lot Na. Dedicated Acres 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



DISTRICT I P.O. Bez 1980, Habbs, NM 88241-1980



## State of New Mexico Energy, Minerals and Natural Resources Departm

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Revised February 10, 1894
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DISTRICT III 1000 Rio Bresos Ed., Astec. NM 87410

### OIL CONSERVATION DIVISION

P.O. Box 2088

DISTRICT IV. P.O. BOX 2008, SANTA FE, N.M. 87804-2088 / Santa Fe, New Mexico 87504-2088
WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Name	
30-015-32900	51300	RED LAKE; QUEEN GRAYBURG SAN ANDRES	, .
Property Code 29595		operty Name Well Number OF STATE 2	
OGRED: No. 14049		ERGY CORPORATION S571'	

### Surface Location

ſ	UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	F	2	18-S	27-E		1650'	NORTH	2305	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 Joint o	r Infill Consolidation	Code Or	der 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

	OR A NON-STANDA	ARD UNIT HAS BEEN	APPROVED BY T	HE DIVISION
LOT 3	LOT 3	LOT 2	LOT 1	OPERATOR CERTIFICATION  I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.
39.59 AC 2305	39.53_AC	39.44 AC	39.38 AC	Signature  DIANA J. CANNON  Printed Name
				PRODUCTION ANALYST Title MARCH 9, 2004 Date SURVEYOR CERTIFICATION
		MA	ECEIVED  AR 1 0 2004  D-ARTESIA	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 supervison and that the same to true and correct to the best of my belief.
	  - 			July 15, 2003  Pate Surveyed J. E. J. A.W.B.  Signature 1 Best of Professional Surveyor 246/03
		 		Certificate No RONALD J. EDSON 3239

District 1
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-102

Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

### WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-15-32900	Pool Name RED LAKE; GLORIETA YESO, NORTHEAST	Pool Code 96836
Property Code 29595	Property Name TDF STATE	Well No.
OGRID No. 14049	Operator Name  Marbob Energy Corporation	Elevation 3571

### **Surface And Bottom Hole Location**

UL or Lot Section F 2	Township 18S	Range 27E	Lot Idn	Feet From 1650	N/S Line N	Feet From 2305	E/W Line W	County Eddy
Dedicated Acres	Joint or	Infill	Consol	idation Code	. ~	Order 1		A CONTRACTOR OF THE CONTRACTOR

, I	

### **OPERATOR CERTIFICATION**

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

Electronically Signed By: Diana Cannon

Title: Production Analyst

Date: 7/21/2003

### 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.

Electronically Signed By: Ronald Eidson

Date of Survey: 7/15/2003 Certificate Number: 3239 DISTRICT I P.O. Box 1980, Hobbe, NM 88241-1980



### State of New Mexico

Energy, Minerals and Natural Resources Department

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DISTRICT II P.O. Drawer DD. Artesia, NW 88211-0719

DISTRICT III 1000 Rio Brazon Bd., Artec, NM 67410

DISTRICT IV P.O. BOX 2088, SANTA PE, N.M. 87804-2088

### OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

### WELL LOCATION AND ACREAGE DEDICATION PLAT

_ ,	1	Pool Code			Pool Name		
}		51300		RED LAKE	QUEEN GRAY	BURG SAN AN	DRES
			Property Nam	ė		Well Nun	ber
			NMBP STA	TE		1	
						Klevatio	n
	M	MARBOB	ENERGY C	DRPORATION		3549	9'
			Surface Loca	ation		* ,	
Township	Range	Lot Idn	Fest from the	North/South line	Feet from the	East/West line	County
18 S	27 E		2185	SOUTH	990	WEST	EDDY
	Bottom	Hole Loc	cation If Diffe	rent From Sur	face	· · · · · · · · · · · · · · · · · · ·	
Township	Range	Lot Idn	Feet from the	North/South line	Fest from the	Bast/West line	County
·				<i>i</i> .			
r Infill Cor	solidation (	Code Or	der No.				
						EEN CONSOLIDA	ATED
	Township 18 S Township Infill Con	Township Range 18 S 27 E  Bottom Township Range Infill Consolidation	MARBOB  Township Range Lot Idn  18 S 27 E  Bottom Hole Loc  Township Range Lot Idn  Infill Consolidation Code Or	Property Nam NMBP STA  Operator Nam MARBOB ENERGY CO  Surface Loca  Township Range Lot Idn Feet from the 27 E 2185  Bottom Hole Location If Diffe  Township Range Lot Idn Feet from the Infill Consolidation Code Order No.	Property Name NMBP STATE  Operator Name MARBOB ENERGY CORPORATION  Surface Location  Township Range Let Idn Feet from the North/South line 18 S 27 E 2185 SOUTH  Bottom Hole Location If Different From Surfownship Range Let Idn Feet from the North/South line  Township Range Let Idn Feet from the North/South line  Infill Consolidation Code Order No.	Property Name NMBP STATE  Operator Name MARBOB ENERGY CORPORATION  Surface Location  Township Range Lot Idn Feet from the North/South line Feet from the 27 E 2185 SOUTH 990  Bottom Hole Location If Different From Surface  Township Range Lot Idn Feet from the North/South line Feet from the Infill Consolidation Code Order No.	Property Name NMBP STATE  Operator Name MARBOB ENERGY CORPORATION  Surface Location  Township Range Lot Idn Feet from the 2185 SOUTH 990 WEST  Bottom Hole Location If Different From Surface  Township Range Lot Idn Feet from the North/South line Feet from the East/West line  Operator Name North/South line Feet from the East/West line  Surface Location  Township Range Lot Idn Feet from the North/South line Feet from the East/West line  Infill Consolidation Code Order No.

LOT 4	LOT 3	LOT 2	LOT 1	OPERATOR CERTIFICATION
1	,	ļ		I hereby certify the the information
	i	<u>'</u>		contained herein is true and complete to the
		1		print of may knowledge and decay.
		'	•	I sured have
39.59 ACRES	39.53 ACRES	39.44 ACRES	39.38 ACRES	Signature
	*		•	DIANA J. CANNON
	1			Printed Name
				PRODUCTION ANALYST
1		1		Title
· .				SEPTEMBER 27, 2004
	_			
				SURVEYOR CERTIFICATION
		1		I hereby certify that the well location shown
2.00				on this plat was plotted from field notes of
990				actual surveys made by me or under my supervison and that the same is true and
		•		correct to the best of my belief.
		l		JULY 18 2007
				Date Surveyed On France LMP
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	· <del></del>			Signature of Seet of
85.		<b>'</b>		Professional Surveyor
216		1		I DE LOS
: 1				Konga & Wan Frez 103
	•			/ July 03:11:0675
	·	·		Certificate Co. RONALL NEIBSON 3238
		1		Certificate 100 RONALD REBSON 3238
		<u> </u>		2 Stewart Control

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

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-102

### WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-33158	Pool Name RED LAKE; GLORIETÁ YESO, NORTHEAST	Pool Code 96836
Property Code 33435	Property Name NMBP STATE	Well No. 001
OGRID №. 14049	Operator Name  MARBOB ENERGY CORP	Elevation 3549

### **Surface And Bottom Hole Location**

 UL or Lot L	Section 2	Township 18S	Range 27E	Lot Idn L	Feet From 2185	N/S Line S	Feet From 990	E/W Line W	County Eddy
Dedicate 4(		Joint or	Infill	Consolid	dation Code		Order	No.	

•	 	
e e e e e e e e e e e e e e e e e e e	·	
5 Sec. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
	· .	

### **OPERATOR CERTIFICATION**

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

Electronically Signed By: Diana Cannon

Title: Production Analyst

Date: 12/29/2003

### 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.

Surveyed By: Ronald Eidson
Date of Survey: 07/18/2003
Certificate Number: 3239

### **Production Summary Report**

### API: 30-015-32218 SB STATE #001

Printed On: Tuesday, February 07 2017

				Producti	on	e. Perendi		. Inj	ection		
Year	Pool	Month	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days P/I	Water(BBLS)	Co2(MCF)	Gas(MCF)	Other	Pressure
2014	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Jan	0	0	0	0	0	0	0	0	0
2014	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Feb	0	0	0	0	О	0	0	0	0
2014	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Mar	0	0	0	0	0	0	0	0	0
2014	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Apr	135	1166	1031	30	0	0	0	0	0
2014	[51300] RED LAKE;QUEEN-GRAYBURG-SA	May	97	625	1172	31	0	0	0	0	0
2014	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Jun	115	589	1463	30	0	0	. 0	0	0
2014	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Jul	190	698	2429	31	0	0	0	0	0
2014	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Aug	162	613	2506	31	0	0	0	0	0
2014	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Sep	108	513	2261	30	0	0	0	0	0
2014	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Oct	67	467	2016	30	0	0	0	0	0
2014	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Nov	75	374	1871	30	0	. 0	0	0	0
2014	[51300] RED LAKE; QUEEN-GRAYBURG-SA	Dec	61	357	2002	31	· 0	· _ 0	. 0	0	0
2014	[96836] RED LAKE; GLORIETA-YESO, NORTHEAST	Jan	107	1175	1384	31	0	0	0	0	0

		* * * * * * * * * * * * * * * * * * *			\$ ·		1 J. 1				
3 ,5	[96836] RED LAKE; GLORIETA-YESO,					3 · · · · · · · · · · · · · · · · · · ·	William Transfer				
2014	NORTHEAST	Feb	107	810	1255	28	<b>0</b>	0	0	0	
	[96836] RED LAKE; GLORIETA-YESO,			. 7				1			
2014	NORTHEAST	Mar	116	679	2030	31	0	0	0	0	
, .	[96836] RED LAKE; GLORIETA-YESO,			,	4						
2014	NORTHEAST	Apr	55	549	421	30	0	0	0	0	
	[96836] RED LAKE; GLORIETA-YESO,			•							
2014	NORTHEAST	May	40	294	479	31	0	0	0	0	
	[96836] RED LAKE; GLORIETA-YESO,										
	NORTHEAST	Jun	47	277	598	30	0	0	0	0	
	[96836] RED LAKE; GLORIETA-YESO,										•
2014	NORTHEAST	Jul	77	328	992	31	0	0	0	0	
	[96836] RED LAKE; GLORIETA-YESO,			,							ĺ
2014	NORTHEAST	Aug	66	289	1024	31	0	0	0	0	
	[96836] RED LAKE; GLORIETA-YESO,				i.						ĺ
2014	NORTHEAST	Sep	45	241	923	30	0	0	0	0	
	[96836] RED LAKE; GLORIETA-YESO,			*							i
2014	NORTHEAST	Oct	28	220	824	30	0	0	0	0	
	[96836] RED LAKE; GLORIETA-YESO,		1				·				ľ
2014	NORTHEAST	Nov	31	176	764	30	0	0	0	0	· .
	[96836] RED LAKE; GLORIETA-YESO,										l
2014	NORTHEAST	Dec	25	167	818	31	0	0	0	0	
		<b>.</b>			4740						l
2015	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Jan	52	397	1749	31	0	0	0	0	<del></del>
2045	[E42202] DED LAKE OLIEFAL CDAVOLIDO GA		70	456	2420						1
2015	[51300] RED LAKE; QUEEN-GRAYBURG-SA	Feb	79	456	2120	28	0	0	0	0	<b></b>
:: 2015	[F4200] DED LAKE OHEEN CRAVILIDO CA		22	C24	600		ľ		0	0	1
2012	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Mar	32	.63.4	600	30		0	U	0	
201E	[51300] RED LAKE;QUEEN-GRAYBURG-SA	A	64	725	950	30			0		1
2013	[51300] RED LAKE; QUEEN-GRAYBURG-SA	Apr	04	. /25	950	J. 3U	0	0	U	0	<del>  -</del>
201E	[51300] RED LAKE; QUEEN-GRAYBURG-SA	May	۸٥	668	644	31	,	0	_	0	l
<u> </u>	[131300] KEN LAKE, QUEEN-GRATBORG-SA	iviay	48	800	044	, <u>, , , , , , , , , , , , , , , , , , </u>	0	0	U	0	<u> </u>
							P				

, ,	te di li di de la made i diffigio, <u>la cialità di madi i di di</u>				to a	7.25					
2015	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Jun	65	627	760	30	Ò		0	0	0
12.	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Jul	61	636	610	31	0	0	0	0	0
	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Aug	61	574	686	30		0			. 0
	[51300] RED LAKE; QUEEN-GRAYBURG-SA	Sep	62	568	700			0		_	
		Oct	39	361	418			0			
	[51300] RED LAKE;QUEEN-GRAYBURG-SA	<u> </u>									, o
	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Nov	83	484	703		0	0	0	0	. 0
2015	[51300] RED LAKE;QUEEN-GRAYBURG-SA [96836] RED LAKE; GLORIETA-YESO,	Dec	49	356	518	27	0	0	0	0	0
2015	NORTHEAST [96836] RED LAKE; GLORIETA-YESO,	Jan	21	187	714	31	0	0	0	0	0
2015	NORTHEAST [96836] RED LAKE; GLORIETA-YESO,	Feb	32	215	866	28	0	0	0	0	0
2015	NORTHEAST [96836] RED LAKE; GLORIETA-YESO,	Mar	14	299	245	30	0	0	. 0	0	0
2015	NORTHEAST [96836] RED LAKE; GLORIETA-YESO,	Apr	26	341	388	30	0	0	0	0	0
2015	NORTHEAST	May	18	314	263	31	0	. 0	0	0	0
2015	[96836] RED LAKE; GLORIETA-YESO, NORTHEAST	Jun	27	295	.310	30	0	0	· 0	0	. 0.
2015	[96836] RED LAKE; GLORIETA-YESO, NORTHEAST	Jul	25	299	249	31	0	0	0	0	0
2015	[96836] RED LAKE; GLORIETA-YESO, NORTHEAST	Aug	25	270	280	30	0	0	0	0	0
2015	[96836] RED LAKE; GLORIETA-YESO, NORTHEAST	Sep	25	267	286	30	0	0	. 0	0	· · 0

				-			-			
[96836] RED LAKE; GLORIETA-YESO,	1		· 			· 1		Т		<del></del>
2015 NORTHEAST	Oct	16	170	171	18	0	. 0	0	0	;0
[96836] RED LAKE; GLORIETA-YESO, 2015 NÖRTHEAST	Nov	34	228	287	30	0	0	0	0	
[96836] RED LAKE; GLORIETA-YESO, 2015 NORTHEAST	Dec	20	168	212	27	0	0	0	0	
2016 [51300] RED LAKE;QUEEN-GRAYBURG-SA	Jan	41	376	347	19	0	0	0	0	
2016 [51300] RED LAKE;QUEEN-GRAYBURG-SA	Feb	100	419	748	29	0	0	0	0	
2016 [51300] RED LAKE;QUEEN-GRAYBURG-SA	Mar	64	589	510	23	0	. 0	0	0	C
2016 [51300] RED LAKE;QUEEN-GRAYBURG-SA	Apr	51	462	483	21	0	0	0	0	
2016 [51300] RED LAKE;QUEEN-GRAYBURG-SA	May	72	457	532	31	0	0	0	0	C
2016 [51300] RED LAKE;QUEEN-GRAYBURG-SA	Jun	29	324	189	16	0	0	0	0	
2016 [51300] RED LAKE;QUEEN-GRAYBURG-SA	Jul	80	746	637	31	0	0	0	0	
2016 [51300] RED LAKE;QUEEN-GRAYBURG-SA	Aug	92	631	630	30	0	0	0	0	
2016 [51300] RED LAKE;QUEEN-GRAYBURG-SA	Sep	74	742	443	30	0	0	0	0	(
2016 [51300] RED LAKE;QUEEN-GRAYBURG-SA	Oct	64	755	462	31	0	. 0	0	0	(
2016 [51300] RED LAKE; QUEEN-GRAYBURG-SA [96836] RED LAKE; GLORIETA-YESO,	Nov	65	743	385	30	0	0	0	0	
2016 NORTHEAST	Jan	17	177	142	19	0	0	0	0	
[96836] RED LAKE; GLORIETA-YESO, 2016 NORTHEAST	Feb	41	197	305	29	0	0	0	0	

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	[96836] RED LAKE; GLORIETA-YESO, NORTHEAST	Mar	26	277	209	23	0		0	o	0	I	
	[96836] RED LAKE; GLORIETA-YESO, NORTHEAST	Apr	21	217	197	21	0	0	0	o	0	· I	
[	[96836] RED LAKE; GLORIETA-YESO, NORTHEAST	May	29	215		31	0		0	0	0	· I	
[	[96836] RED LAKE; GLORIETA-YESO, NORTHEAST	Jun	12	153					0	o	0	I	
	[96836] RED LAKE; GLORIETA-YESO, NORTHEAST	Jul	33	351					0	0	0	I	
]	[96836] RED LAKE; GLORIETA-YESO, NORTHEAST	Aug	38	297				0	0	0	0	I	
	[96836] RED LAKE; GLORIETA-YESO, NORTHEAST	Sep	30	349	:			0	0	0	0	I	
	[96836] RED LAKE; GLORIETA-YESO, NORTHEAST	Oct	26	355					0		0	İ	
	[96836] RED LAKE; GLORIETA-YESO, NORTHEAST	Nov	26	350		\$ .7 m	:		0		0	1	

Me.

### Production Summary Report API: 30-015-42002

## SB STATE #002

Printed On: Tuesday, February 07 2017

		Ŀ		Producti	on			Inj	ection		
Year	Pool	Month	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days P/I	Water(BBLS)	Co2(MCF)	Gas(MCF)	Other	Pressure
	[96836] RED LAKE; GLORIETA-YESO,	,		N. 1			-				da
2014	NORTHEAST	Apr	558	1728	8058	20	0	0	0	o	0
	[96836] RED LAKE; GLORIETA-YESO,							•			· ·
2014	NORTHEAST	May	1965	5978	10845	31	0	0	0	o	. 0
	[96836] RED LAKE; GLORIETA-YESO,										
2014	NORTHEAST	Jun	882	4585	6390	30	0	0	0	0	0
	[96836] RED LAKE; GLORIETA-YESO,							,144			
2014	NORTHEAST	Jul	652	3614	4006	31	0	0	, 0	. 0	0
	[96836] RED LAKE; GLORIETA-YESO,	,						-		,	
2014	NORTHEAST	Aug	604	3085	2814	29	0	0	0	0	. 0
,	[96836] RED LAKE; GLORIETA-YESO,										
2014	NORTHEAST	Sep	556	2816	2682	30	0	0	0	0	0
	[96836] RED LAKE; GLORIETA-YESO,				ļ · · · .						
2014	NORTHEAST	Oct	415	2744	2328	- 29	0	Ó	0	0	0
	[96836] RED LAKE; GLORIETA-YESO,				·						,
2014	NORTHEAST	Nov	474	2400	2202	30	0	0	0	0	- 0
	[96836] RED LAKE; GLORIETA-YESO,	1									
2014	NORTHEAST	Dec	478	2519	2355	31	0	0	0	0	0
	[96836] RED LAKE; GLORIETA-YESO,										
2015	NORTHEAST	Jan	483	2258	2050	31	0	0	0	0	0
	[96836] RED LAKE; GLORIETA-YESO,			, .							
2015	NORTHEAST	Feb	284	1936	2283	28	. 0	0	0	0	0
	[96836] RED LAKE; GLORIETA-YESO,		3	SA S	, ,,,		* 5				
2015	NORTHEAST	Mar	248	2312	2643	30	0	0	0	0	0
	[96836] RED LAKE; GLORIETA-YESO,										• -
2015	NORTHEAST	Apr	267	2047	2321	30	<u> </u> %0	o	o	0	.0

[96836] RED LAKE; GLORIE	TA-YESO,	·								
2015 NORTHEAST	May	122	1602	1248	23	0	0	0	0	. 0
[96836] RED LAKE; GLORIE	TA-YESO,									,
2015 NORTHEAST	Jun	266	1995	3293	30	0	0	0	0	0
[96836] RED LAKE; GLORIE	TA-YESO,	,		**************************************						
2015 NORTHEAST	Jul	237	1974	2420	31	. 0	0	. 0	0	0
[96836] RED LAKE; GLORIE	TA-YESO,	*		9 û 19 <b>û</b>						
2015 NORTHEAST	Aug	220	1686	2224	30	0	0	0	0	0
[96836] RED LAKE; GLORIE	TA-YESO,									
2015 NORTHEAST	Sep	215	1735	1847	30	0	0	0	0	0
[96836] RED LAKE; GLORIE	TA-YESO,									:
2015 NORTHEAST	Oct	95	1238	987	18	0	0	0	0	0
[96836] RED LAKE; GLORIE	TA-YESO,			,						
2015 NORTHEAST	Nov	237	1509	2157	30	0	0	. 0	о	. 0
[96836] RED LAKE, GLORIE	TA-YESO,							,		
2015 NORTHEAST	Dec	162	1048	1284	27	. 0	0	0	o	0
[96836] RED LAKE; GLORIE	TA-YESO,					,		-		
2016 NORTHEAST	Jan	125	1334	1060	19	. 0	0	0	o	о
[96836] RED LAKE; GLORIE	TA-YESO,			!						
2016 NORTHEAST	Feb	200	1102	1831	29	0	0	0	o	. 0
[96836] RED LAKE; GLORIE	TA-YESO,									
2016 NORTHEAST	Mar	138	1578	1193	23	0	0	0	о	о
[96836] RED LAKE; GLORIE	TA-YESO,					_				
2016 NORTHEAST	Apr	<sup>~</sup> 116	1481	1247	21	0	0	0	lo	о
[96836] RED LAKE; GLORIE	TA-YESO,		•							
2016 NORTHEAST	May	148	1249	1402	31	.0	0	0	l o	o
[96836] RED LAKE; GLORIE	TA-YESO,						٠			
2016 NORTHEAST	Jun	54	659	588	15	0	.0	0	l o	l o
[96836] RED LAKE; GLORIE	TA-YESO,				-				_	
2016 NORTHEAST	Jul	134	1427	2183	31	. 0	0	0	0	o
[96836] RED LAKE; GLORIE		· .	*** A	5 55						
2016 NORTHEAST	Aug	96	1252	1649	. 30	). 0	0	0	0	0
			-1, · · · 3		* *					
				. •						
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	in the second of										
3. 24	[96836] RED LAKE; GLORIETA-YESO,										
2016	NORTHEAST	Sep*	102	1032	1299	29	. 0	0	0	0	0
	[96836] RED LAKE; GLORIETA-YESO,	The state of the s									,
2016	NORTHEAST	Oct	78	992	995	30	0	0	0	0	0
,	[96836] RED LAKE; GLORIETA-YESO,			9.	) a	* .					
2016	NORTHEAST	Nov	87	1086	851	30	0	0	0	0	0
					` .	-	•	<del>-</del>			

# Production Summary Report API: 30-015-42003 SB STATE #004 Printed On: Tuesday, February 07 2017

				Production	on' and a			Inj	ection		
Year	Pool	Month	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days P/I	Water(BBLS)	Co2(MCF)	Gas(MCF)	Other	Pressure
2014	[51120] RED LAKE;GLORIETA-YESO	Jul	434	2302	2590	31	0	0	0	0	0
2014	[51120] RED LAKE;GLORIETA-YESO	Aug	397	2076	2337	29	0	0	0	0	0
2014	[51120] RED LAKE;GLORIETA-YESO	Sep	376	1898	2282	30	0	0	0	0	0
2014	[51120] RED LAKE;GLORIETA-YESO	Oct	267	1818	1986	29	0	0	0	0	0
2014	[51120] RED LAKE;GLORIETA-YESO	Nov	282	1595	1858	30	-0	0	. 0	.0	0
2014	[51120] RED LAKE;GLORIETA-YESO	Dec	271	1683	1968	31	0	. , 0	. 0	.0	0
2015	[51120] RED LAKE; GLORIETA-YESO	Jan	249	1511	1706	31	0	0	0	O	0
2015	[51120] RED LAKE; GLORIETA-YESO	Feb	397	1524	2096	28	.0	0	0	O	0
2015	[51120] RED LAKE; GLORIETA-YESO	Mar	210	1282	1428	30	0	0	Ō	0	0
2015	[51120] RED LAKE;GLORIETA-YESO	Apr	267	1110	1015	30	0	0	Ó	0	0
2015	[51120] RED LAKE;GLORIETA-YESO	May	167	1299	982	31	0	. 0	0	0	0
2015	[51120] RED LAKE;GLORIETA-YESO	Jun	226	1067	1358	30	0	0	0	0	0
2015	[51120] RED LAKE;GLORIETA-YESO	Jul	213	987	1132	31	0	0	Ö	0	0
2015	[51120] RED LAKE;GLORIETA-YESO	Aug	173	844	1112	30	0	0	0	0	0
2015	[51120] RED LAKE;GLORIETA-YESO	Sep	167	898	978	30	` 0	.0	0	0	0
2015	[51120] RED LAKE;GLORIETA-YESO	Oct	102	651	594	18	0	. 0	0	0	0
2015	[51120] RED LAKE;GLORIETA-YESO	Nov	206	720	1174	30	0	0	0	0	0
2015	[51120] RED LAKE;GLORIETA-YESO	Dec	139	461	730	27	0	0	Ō	0	0
2016	[51120] RED LAKE;GLORIETA-YESO	Jan	98	534	587	19	O O	0	0	0	0
2016	[51120] RED LAKE;GLORIETA-YESO	Feb	174	556	1071	29	0	0	0	0	0
2016	[51120] RED LAKE; GLORIETA-YESO	Mar	87	463	530	16	0	- 0	0	0	0
2016	[51120] RED LAKE;GLORIETA-YESO	Apr_	122	746	910	21	0	0	0	0	0
2016	[51120] RED LAKE; GLORIETA-YESO 💯	May	163	714	892	. 31	0	0	Ō	0	0
2016	[51120] RED LAKE; GLORIETA-YESO.	Jun	61	406	337	16	0	0	.0	0	0
2016	[51120] RED LAKE; GLORIETA-YESO	Jul	177	1062	1212	31	<b>*</b> * * * * * * * * * * * * * * * * * *	0	. 0	0	0
2016	[51120] RED LAKE; GLORIETA-YESO	Aug	95	929	702	27		0	0	0	- 0

2016 [51120] RED LAKE; GLORIETA YESO Sep	110 975 901	29 0 0 0	0 0
2016 [51120] RED LAKE; GLORIETA-YESO Oct	106 963 923	31 0 0 0	0 0
2016 [51120] RED LAKE; GLORIETA-YESO NOV	90 779 766	30 0 0 0	0 0

# Production Summary Report API: 30-015-32231 TDF STATE #001

Printed On: Tuesday, February 07 2017

				Producti	on	3 F	s *	Inj	ection		· .
Year	Pool	Month	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days P/I	Water(BBLS)	Co2(MCF)	Gas(MCF)	Other	Pressure
2014	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Jan	0	0	0	0	0	. <sup>-</sup>	0	0	0
2014	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Feb	0	0	0	0	0	0	0	0	. 0
2014	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Mar	0	0	0	0	0	0	0	0	0
2014	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Apr	0	0	0	30	0	0	0	0	0
2014	[51300] RED LAKE;QUEEN-GRAYBURG-SA	May	0	. 0	0	31	0	0	0	. 0	0
2014	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Jun	0	0	0	30	0	0	0	0	0
2014	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Jul	0	0	0	31	0	0	0	0	0
2014	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Aug	0	0	0	0	О	0	0	0	0
2014	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Sep	0	0	0	0	0	0	0	0	0
2014	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Oct	39	717	215	31	0	0	0	0	0
2014	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Nov	16	1014	165	30	ō	0	0	0	0
2014	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Dec	18	1194	173	31	, . 0	0	0	0	0
2014	[96836] RED LAKE; GLORIETA-YESO, NORTHEAST	Jan	123	1780	812	29	0	0	0	0	0

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٠.	[96836] RED LAKE; GLORIETA-YESO,									_	-
	NORTHEAST	Feb	160	1265	891	28	. 0	0	0	0	
	[96836] RED LAKE; GLORIETA-YESO,							_			
	NORTHEAST	Mar	141	1594	1102	28	0	.0	0	0	0
	[96836] RED LÂKE; GLORIETA-YESO,	a'-			- ja 1 		_	,		_	
	NORTHEAST	Apr	362	1148	571	30	0	0	0	0	0
	[96836] RED LAKE; GLORIETA-YESO,							,		_	
2014	NORTHEAST	May	254	1466	556	31	. 0	0	0	0	0
	[96836] RED LAKE; GLORIETA-YESO,	1.							_	· .	_]
2014	NORTHEAST	Jun	187	922	525	30	0	0	0	0	0
	[96836] RED LAKE; GLORIETA-YESO,							_	_	_	_]
	NORTHEAST	Jul	119	1068	432	29	.0	0	0	0	0
	[96836] RED LAKE; GLORIETA-YESO,		`	<u>.                                    </u>		<u>.</u>		**	_	_	
	NORTHEAST	Aug	78	595	442	31	0	. 0	. 0	0	0
	[96836] RED LAKE; GLORIETA-YESO,								1		
	NORTHEAST	Sep	67	396	416	30	.0		.0	0	0
	[96836] RED LAKE; GLORIETA-YESO,					,		_			
-	NORTHEAST	Oct	16	338	88	31	0	0	0	0	0
	[96836] RED LAKE; GLORIETA-YESO,			_			_		_		_
2014	NORTHEAST	Nov	7	477	68	30	0	0	0	0	0
	[96836] RED LAKE; GLORIETA-YESO,						_	_	_		_
2014	NORTHEAST	Dec	8	562	71	31	0	0	0	0	0
,									_	_	
2015	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Jan	22	1240	179	31	0	0	0	0	0
											<u>.</u>
2015	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Feb	51	2109	266	. 27	0	.0	0	0	0
			1		,		_	_	_		
2015	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Mar	144	1301	1236	30	0	0	0	0	0
				\\\ \\\ \\\ \\ \\\ \\ \\ \\ \\ \\ \\ \\		· `		_			
2015	[51300] RED LAKE; QUEEN-GRAYBURG-SA	Apr	128	498	1383	30	<u> </u>	0	0	0	0
<u> </u>			0.5			31	! 			_	
2015	[51300] RED LAKE; QUEEN-GRAYBURG-SA	May	_ 95	673	955	31	<u> </u>	0	0	0	0
			*	**							."
					-	•	•				

							<u>·</u>					
2015	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Jun	121	766	1177	30	0	0	0	0		0
*		PN Y	2.0	677	200	24	0		· · · · · ·		1	
2015	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Jul	91	677	896	31	0	0	0	0	• 5	괵
2015	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Aug	80	861	814	31	0	0	0	0		0
2015	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Sep	86	780	782	30	0	0	0	0		0
2015	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Oct	43	419	455	18	0	0	0	0		0
2015	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Nov	107	412	1093	30	.0	,O	.0	0		0
2015	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Dec	82	573	725		0	0	0	0		0
2015	[96836] RED LAKE; GLORIETA-YESO, NORTHEAST	Jan	9	584	73	31	0	0	0	0		0
(P.)	[96836] RED LÄKE; GLORIETA-YESO, NORTHEAST	Feb	21	993	108	27	0	0	0	. 0		0
	[96836] RED LAKE; GLORIETA-YESO,				· ·			,				
	NORTHEAST	Mar	59	612	505	30	0	0	0	0		씍
	[96836] RED LAKE; GLORIETA-YESO, NORTHEAST	Apr	52	234	564	30	0	0	0	0	ı	.0
2015	[96836] RED LAKE; GLORIETA-YESO, NORTHEAST	May	39	317	390	31	.0	0	0	0		0
2015	[96836] RED LAKE; GLORIETA-YESO, NORTHEAST	Jun	50	360	481	30	0	0	0	0		0
	[96836] RED LAKE; GLORIETA-YESO,	1		240	300	7.4			_		**.	
2015	NORTHEAST	Jul	37	319	366	31	0	<u> </u>	0	0	<b></b>	괵
2015	[96836] RED LAKE; GLORIETA-YESO, NORTHEAST	Aug	33	405	332	31	0	0	. 0	0		0
2015	[96836] RED LAKE; GLORIETA-YESO, NORTHEAST	Sep	36	367	* 320	30	O	0	0	0		0

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	٠.					-				•
[96836] RED LAKE; GLORIETA-YESO,	1	W .				. '				
2015 NORTHEAST	Oct	17	197	186	18	0	0	0	o	
[96836] RED LAKE; GLORIETA-YESO, 2015 NORTHEAST	Nov	44	194	447	30	. 0	0	0	0	(
[96836] RED LAKE; GLORIETA-YESO,	1100			/	. 30			<u> </u>	H	
2015 NORTHEAST	Dec	34	270	296	27	0	0	0	0	
2016 [51300] RED LAKE;QUEEN-GRAYBURG-SA	Jan	72	282	547	21	0	0	0	0	(
2016 [51300] RED LAKE;QUEEN-GRAYBURG-SA	Feb	72	631	705	29	0	0	<u>,</u> 0	0	
2016 [51300] RED LAKE;QUEEN-GRAYBURG-SA	Mar	65	613	607	23	0	. 0	0	0	(
2016 [51300] RED LAKE;QUEEN-GRAYBURG-SA	Apr	74	529	559	22	0	0	0	0	(
2016 [51300] RED LAKE;QUEEN-GRAYBURG-SA	May	114	554	696	31	0	0	0	0	(
2016 [51300] RED LAKE;QUEEN-GRAYBURG-SA	Jun	35	367	230	15	0	0	Ö	0	
2016 [51300] RED LAKE;QUEEN-GRAYBURG-SA	Jul	108	554	726	31	0	· ,, O	0	0	
2016 [51300] RED LAKE;QUEEN-GRAYBURG-SA	Aug	72	360	291	26	0	0	0	0	
2016 [51300] RED LAKE;QUEEN-GRAYBURG-SA	Sep	97	463	506	30	0	0	0	0	
2016 [51300] RED LAKE;QUEEN-GRAYBURG-SA	Oct	84	589	458	30	. 0	0	0	0	
2016 [51300] RED LAKE;QUEEN-GRAYBURG-SA	Nov	80	504	430	30	0	0	0	0	
[96836] RED LAKE; GLORIETA-YESO, 2016 NORTHEAST	Jan	30	133	223	21	0	0	0	0	(
[96836] RED LAKE; GLORIETA-YESO, 2016 NORTHEAST	Feb	29	297	288	29	0	. 0	0	0	
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			r	- 							
, ,	[96836] RED LÄKE; GLORIETA-YESO,			, Air -	10						
. 4.4	NORTHEAST	Mar	27	289	248	23	0	0	0	0	. 0
	[96836] RED LAKE; GLORIETA-YESO, NORTHEAST	Apr	30	249	228	22	0	0	0	0	0
	[96836] RED LAKE; GLORIETA-YESO, NORTHEAST	May	47	261	284	31	. 0	0	. 0	0	O
	[96836] RED LAKE; GLORIETA-YESO,	,		2.5		ь .					
2016	NORTHEAST	Jun	15	173	94	15	΅ 0	0	0	0	0
	[96836] RED LAKE; GLORIETA-YESO, NORTHEAST	Jul	44	261	296	31	0	0	0	0	0
	[96836] RED LAKE; GLORIETA-YESO, NORTHEAST	Aug	29	169	119	26	0	. 0	0	0	0
	[96836] RED LAKE; GLORIETA-YESO, NORTHEAST	Sep	40	218			0	0	0	0	0
44.	[96836] RED LAKE; GLORIETA-YESO, NORTHEAST	Oct	34	277			0	0	0	0	. 0
	[96836] RED LAKE; GLORIETA-YESO, NORTHEAST	Nov	33	237	176			0	0		

## **Production Summary Report**

# API: 30-015-32900 TDF STATE #002

Printed On: Tuesday, February 07 2017

			1 4 4	Producti				lnj	ection		
Year:	Pool	Month	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days P/I	Water(BBLS)	Co2(MCF)	Gas(MCF)	Other	Pressure
		`		,	f , · · ·						
2014	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Jan	138	481	1546	31	0	0	0	0	0
	[[-4200] DED   AVE OVERAL OD AVENUE CA	<u> </u>	407		0.40						
2014	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Feb	107	457	842	28	0	0	0	0	-0
2014	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Mar	110	420	1181	30	0	.0	0	de Ó	0
				1-4						-	
2014	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Apr	81	134	1449	30	0	Ö	. 0	0	. 0
	[				5 (s						
2014	[51300] RED LAKE;QUEEN-GRAYBURG-SA	May	43	69	227	23	0	0	0	0	O
2014	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Jun	46	138	300	29	0	0	o	0	О
					_ : .		_	* *			
2014	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Jul	37	111	294	31	0	0	0	0	0
2014	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Aug	27	131	280	31	0	0	О	o	o
2014	[E4200] BED LAKE OUESAL CDAVOURG CA	C	10	00	267	30					
2014	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Sep	19	98	267	30	0	0	0	0	<u> </u>
2014	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Oct	16	92	225	31	- 0	0	0	o	О
		1		17		, ,		.,			
2014	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Nov	<sub>s</sub> : 7	179	192	30	0	0	0	0	0
2014	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Dec	,	179	195	31	_	. 0		0	
2014	[96836] RED LAKE; GLORIETA-YESO,	Dec		173	195	31		"	"	1	<u> </u>
2014	NORTHEAST	Jan	0	0	0	0	О	0	0	0	o

	B. Andrew Carlos	1:-				₹ <sup>1</sup>	·				
7 2023	[96836] RED LAKE; GLORIETA-YESO, NORTHEAST	Feb	0		0	0	. 0	0	0		, ,
24 44	[96836] RED LAKE; GLORIETA-YESO,	ren	U	- 0				<u> </u>	- 0		
	NORTHEAST	Mar	0	. · · · · O	o	О	0	0	0	О	o
	[96836] RED LAKE; GLORIETA-YESO,		* :		,						
2014	NORTHEAST	Apr	196	285	3546	30	0	0	0	0	0
	[96836] RED LAKE; GLORIETA-YESO,	1.	400								
	NORTHEAST	May	106	147	557	31	0	0	0	0	0
	[96836] RED LAKE; GLORIETA-YESO, NORTHEAST	Jun	112	293	734	30	0	0	0	o	0
	[96836] RED LAKE; GLORIETA-YESO,	7411		293		1 30					-
	NORTHEAST	Jul	90	236	719	31	. 0	0	0	0	Ö
	[96836] RED LAKE; GLORIETA-YESO,	1									
2014	NORTHEAST	Aug	66	279	685	31	0	0	Ó	. 0	0
	[96836] RED LAKE; GLORIETA-YESO,										
2014	NORTHEAST	Sep	48	209	653	30	0	0	0	0	0
	[96836] RED LAKE; GLORIETA-YESO,			405							
2014	NORTHEAST	Oct	39	195	551	31	0	0	0	- 0	.0
2014	[96836] RED LAKE; GLORIETA-YESO, NORTHEAST	Nov	16	381	470	30	0	0	0	0	٠ 0
2014	[96836] RED LAKE; GLORIETA-YESO,	1100	1	361	470	30		• •		<del>-                                    </del>	
2014	NORTHEAST	Dec	18	381	478	31	О	0	. 0	ol	o
					-						
2015	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Jan	.9	194	157	31	0	0	0	0	0
											`
2015	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Feb	20	190	190	28	0	0	0	0	0
201E	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Mar	41	164	203	30		0			
2013	[JIJOO] NED LAKE, QUEEN-GNAT BONG-3A	įvidi .	41	104	203	30			U		
2015	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Apr	22	105	145	30	0	0	o	- 0	0
1 1											
2015	[51300] RED LAKE;QUEEN-GRAYBURG-SA	May	23	125	156	31	0	0	0	O	0
		****		(t) (3.00 t)		•					
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2015	[51300] RED LAKE; QUEEN-GRAYBURG-SA	Jun	27	.45	197	30	0	0	0	0	
2015	[E1200] DED LAKE OHEEN CRAVBURG SA		) 1	51	166	31				_	
2015	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Jul	25	51	166	21	. 0	0	0	0	<del></del>
2015	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Aug	26	15	190	31	0	o	0	0	
2015	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Sep	29	8	183	30	0	0	0	0	
2015	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Oct	15	106	118	20	0	0	0	0	
2015	[51300] RED LAKE; QUEEN-GRAYBURG-SA	Nov	34	180				0	0	. 0	-
		1						-, ·			
2015	[51300] RED LAKE; QUEEN-GRAYBURG-SA	Dec	27	225	169	27	o	Õ	0	· 0	· ····
	[96836] RED LAKE; GLORIETA-YESO,					l.				-	
2015	NORTHEAST	Jan	22	411	384	31	0	0	0	0	
	[96836] RED LAKE; GLORIETA-YESO,										
2015	NORTHEAST	Feb .	48	405	466	28	0	0	0	0	
	[96836] RED LAKE; GLORIETA-YESO,				-			;	, ,		
2015	NORTHEAST	Mar	98	348	497	30	0	0	0	0	1
ۇرىدىنىڭ ئىچە سىدىكىكى	[96836] RED LAKE, GLORIETA-YESO,	1									
2015	NORTHEAST	Apr	53	224	355	30	0	. 0	0	0	
	[96836] RED LAKE; GLORIETA-YESO,									i	
2015	NORTHEAST	May	58	265	382	31	0	0	0	0	
	[96836] RED LAKE; GLORIETA-YESO,										
	NORTHEAST	Jun	64	97	482	30	0	0	0	0	
	[96836] RED LAKE; GLORIETA-YESO,	1	61	100	407	24	]	م			
2015	NORTHEAST   [96836] RED LAKE; GLORIETA-YESO,	Jul	61	109	407	31	0	0	0	0	<del> </del>
2015	NORTHEAST	Aug	64	31	466	31	0	.:	0		
2013	[96836] RED LAKE; GLORIETA-YESO,	Aug	. 04	31	400	<b>331</b>	<u> </u>		·	U	<del> </del>
2015	NORTHEAST	Sep	69	16	447	30	0	n	0	0	1
2013		\$ 1.50 m	5 7 7 7	19 14 15 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18			J	<u>~</u>		, 0	
					age of the second						
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2015	[96836] RED LAKE; GLORIETA-YESO, NORTHEAST		38	225	289	30		^		0	
	[96836] RED LAKE; GLORIETA-YESO,	Oct	58	225	289	20	<u>'.                                    </u>	0	0	<del> </del>	$\vdash$
	NORTHEAST	Nov	83	383	603	29	0	0	o	0	
	[96836] RED LAKE; GLORIETA-YESO,	1.00			- 003				<del>                                     </del>	<del>                                     </del>	$\vdash$
	NORTHEAST	Dec	65	479	415	27	<u>0</u>	0	0	0	
2016	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Jan	26	126	164	22	O	0	0	0	
2016	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Feb	29	169	248	29	0	0	0	0	
2016	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Mar	30	169	206	23	0	0	0	0	
2016	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Apr	27	167	226	23	O	0	. 0	0	
2016	[51300] RED LAKE;QUEEN-GRAYBURG-SA	May	24	189	159	29	0	0	0	0	
2016	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Jun	13	124	85	16	0	0	0	0	
2016	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Jul	35	227	244	30	0	0	0	0	
2016	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Aug	34	189	181	31	0	0	0	0	
2016	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Sep	33	172	176	30	0	0	0	0	
2016	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Oct	35	167	189	31	. 0	0	0	0	
2016	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Nov	33	158	178	30	0	0	0	0	
2016	[96836] RED LAKE; GLORIETA-YESO, NORTHEAST	Jan	64	267	401	. 22	0	. 0	0	0	
2016	[96836] RED LAKE; GLORIETA-YESO, NORTHEAST	Feb	71	360	608	29	0	0	0	o	į

		e e e e e e e e e e e e e e e e e e e								
[96836] RED LAKE; GLORIETA-YESO, 2016 NORTHEAST	Mar	73	359	504	23	0	0	0	0	0
[96836] RED LAKE; GLORIETA-YESO, 2016 NORTHEAST	Apr	65	355	554	23	0	0	0	0	0
[96836] RED LAKE; GLORIETA-YESO, 2016 NORTHEAST	May	.59	402	391	29	0		0	0	0
[96836] RED LAKE; GLORIETA-YESO, 2016 NORTHEAST	Jun	30	263	209	16	0	· . 0	0	0	0
[96836] RED LAKE; GLORIETA-YESO, 2016 NORTHEAST	Jul	85	482	599	30	0	0	0	0	0
[96836] RED LAKE; GLORIETA-YESO, 2016 NORTHEAST	Aug	84	403	444	31	0	0	0	0	.0
[96836] RED LAKE; GLORIETA-YESO, 2016 NORTHEAST	Sep	81	365	401	30	0	0	0	0	0
[96836] RED LAKE; GLORIETA-YESO, 2016 NORTHEAST	Oct	85	355	463	31	0	0	0	0	0
[96836] RED LAKE; GLORIETA-YESO, 2016 NORTHEAST	Nov	81	335	437	30	0	0	,0	0	0

## Production Summary Report API: 30-015-33158

# NMBP STATE #001

Printed On: Tuesday, February 07 2017

				Producti	on			Inj	ection		
Year	Pool	Month	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days P/I	Water(BBLS)	Co2(MCF)	Gas(MCF)	Other	Pressure
2014	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Jan	101	448	1067	29	0	0	0	0	0
2014	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Feb	.84	572	1121	28	0	0	0	0	0
2014	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Mar	23	454	367	9	0	0	0	0	0
2014	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Apr	106	233	974	30	0	0	0	0	.0
2014	[51300] RED LAKE;QUEEN-GRAYBURG-SA	May	73	532	1176	31	0	0	0	0	0
2014	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Jun	52	755	1162	30	0	0	0	0	0
2014	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Jul	18	704	1122	31	0	0	0	0	. 0
2014	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Aug	18	669	1061	31	0	0	0	0	0
2014	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Sep	49	693	498	30	0	0	0	0	0
2014	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Oct	66	846	101	30	0	0	0	0	0
2014	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Nov	49	242	100	30	0	0	0	0	0
2014	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Dec	46	406	83	31	. 0	0	0	0	0
2014	[96836] RED LAKE; GLORIETA-YESO, NORTHEAST	Jan	0	0	.0	Õ		0	0	0	0

					<u> </u>						
[96836] RED LAKE; GLORIETA-YESO,											
2014 NORTHEAST	Feb	0	0	0	0	0	0	0	<u> </u>	0	
[96836] RED LAKE; GLORIETA-YESO,		_ [			i	_			. ]		
2014 NORTHEAST	Mar	0	214	0	31	0	0	0	0	0	
[96836] RED LAKE; GLORIETA-YESO,			]		,		ا		, ]		
2014 NORTHEAST	Apr	44	110	398	30	0	0	0	0	0	
[96836] RED LAKE; GLORIETA-YESO,			250	اوور	ا نے				,	. ]	•
2014 NORTHEAST	May	30	250	480	31	0	<u>0</u>	0	0	0	
[96836] RED LAKE; GLORIETA-YESO,		24	255	, ,,,,,	, ,			ا		ا	
2014 NORTHEAST	Jun	21	355	475	30	0		0	. 0	0	
[96836] RED LAKE; GLORIETA-YESO,	1		221	450	, ,		ا	ا			
2014 NORTHEAST	Jul	. 8	331	458	31	0		0	<u> </u>	0	
[96836] RED LAKE; GLORIETA-YESO,	A	7	215	1 423	21		ا	ا	ا	ا ا	
2014 NORTHEAST	Aug		315	433	31	0	<del></del>	0	<del></del>	0	
[96836] RÉD LAKE; GLORIÉTA-YESO, 2014 NORTHEAST	San	21	326	203	4 30	0	ام	ا ا	ال	ا	
[96836] RED LAKE, GLORIETA-YESO,	Sep	21	326	203	30	<del></del>	<del></del>	0		0	
2014 NORTHEAST	Oct	27	398	41	30	o	ام	o		0	
[96836] RED LAKE; GLORIETA-YESO,	1000		330	<del></del>	, 30	<del></del>	<del></del>	<del>-                                    </del>	<del></del>		
2014 NORTHEAST	Nov	20	114	41	30	o	ام	0	0	o	
[96836] RED LAKE; GLORIETA-YESO,	TINOV			<del></del>	4	<del></del>	<del></del>	<del>  </del>	$\longrightarrow$		
2014 NORTHEAST	Dec	19	191	34	31	o	اه	0	O	0	
2014 NONTHEAST	The c		<del></del>	<del></del>	,———	<del></del>	<del></del>	<del></del>	$\longrightarrow$		
2015 [51300] RED LAKE;QUEEN-GRAYBURG-SA	Jan	44	713	90	31	o	ام	0	ام	o	
EUTS (STOOG) NEW E-INC) QUEEN GIVING GIVE	+			, <del></del>	<del> </del>	<del></del>	-	<del>-                                    </del>	<del>,                                    </del>	_ <del></del>	
2015 [51300] RED LAKE; QUEEN-GRAYBURG-SA	Feb	80	352	149	28	0 :	اه	o	o	o	
	+ -		<del></del>	1	,————				<del></del>	<del></del>	
2015 [51300] RED LAKE;QUEEN-GRAYBURG-SA	Mar	29	365	705	30	О	o	o	0	o	
				1 1	,						
2015 [51300] RED LAKE; QUEEN-GRAYBURG-SA	Apr	26	409	615	30	o	0	0	o	.0	
	1		1,21								
2015 [51300] RED LAKE; QUEEN-GRAYBURG-SA	May	24	252	573	31	o	0	o	ol	· o	

						*					
2015	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Jun	28	244	723	30	0	0	0	0	0
	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Jül	16	286	610	31	. 0	0	0	0	0
	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Aug	32	350	686	31	0	0	0	0	0
	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Sep	35	406	607	30	0	0	0	0	0
2015	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Oct	17	321	421	18	0	0	0	0	0
2015	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Nov	43	309	921	29	0	0	0	; <b>0</b>	0
2015	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Dec	32	373	. <b>622</b>	27	. 0	0	0	0	. 0
2015	[96836] RED LAKE; GLORIETA-YESO, NORTHEAST	Jan	18	336	37	31	. 0	0	0	0	0
2015	[96836] RED LAKE; GLORIETA-YESO, NORTHEAST	Feb	33	166	61	28	0	 O	0	0	0
2015	[96836] RED LAKE; GLORIETA-YESO, NORTHEAST	Mar	12	172	288	30	0	0	0	.0	. 0
2015	[96836] RED LAKE; GLORIETA-YESO, NORTHEAST	Apr	11	193	251	30	0	0	0	0	· 0
2015	[96836] RED LAKE; GLORIETA-YESO, NORTHEAST	May	10	119	234	31	0	0	0	0	.0
2015	[96836] RED LAKE; GLORIETA-YESO, NORTHEAST	Jun	12	115	295	30	0	0	0	0	
2015	[96836] RED LAKE; GLORIETA-YESO, NORTHEAST	Jul	6	135	249	31	. 0	0	0	0	0
2015	[96836] RED LAKE; GLORIETA-YESO, NORTHEAST	Aug	14	165	280	*31	0	0	0	0	0
2015	[96836] RED LAKE; GLORIETA-YESO, NORTHEAST	Sep	14	191	248	30	. 0	0	0	0	0
							i.·				

	[96836] RED LAKE; GLORIETA-YESO,	<u> </u>		· · · · · · · · · · · · · · · · · · ·						¨	
2015	NORTHEAST	Oct	7	151	172	18	0	0	0	0	
	[96836] RED LAKE; GLORIETA-YESO,	1 1									- 4
2015	NORTHEAST	Nov	17	145	376	29	О	0	0	О	
	[96836] RED LAKE; GLORIETA-YESO,			, -							
2015	NORTHEAST	Dec	13	176	254	27	0	0	o	О	
2016	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Jan	31	246	574	21	0	0	0	0	
2016	[64200] DED LAKE OUEEN CRAVRURG CA	/	22	306	950	20		0	0	0	
2016	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Feb	33	306	860	29	0	0	0	0	
2016	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Mar	22	218	547	23	0	0	0	0	
	(52500) NED EMICINATION ON THE ONE OF THE OFFICE OFFICE OFFICE OFFICE OFFICE OF THE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OF			220	317		J				
2016	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Apr	27	150	654	19	0	0	. 0	0	
					,						
2016	[51300] RED LAKE;QUEEN-GRAYBURG-SA	May	42	302	1218	31	0	0	0	0	
2016	[E1200] BED LAVE OUEEN CRAVRIDE SA		19	188	441	16	0	0	o	0	
2016	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Jun	19	100	441	16		- 0	U	- 0	
2016	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Jul	51	460	1372	31	0	0	0	0	
2046	(E4300) DED LAKE OLIEFAL CRAVBURG CA		26	220	C4.2	27		0			
2016	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Aug	36	230	613	27	0	0	0	0	
2016	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Sep	48	174	1081	27	0	0	0	0	
2016	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Oct	29	41	673	18	0	0	0	0	
2016	[51300] RED LAKE;QUEEN-GRAYBURG-SA	Nov	19	1	393	11	. 0	О	o	o	
	[96836] RED LAKE; GLORIETA-YESO,	<u>'</u>					- 12	-			
2016	NORTHEAST	Jan	13	116	235	21	0	0	0	0	
	[96836] RED LAKE; GLORIETA-YESO,										
2016	NORTHEAST	Feb	14	144	351	29	<i>:</i> * 、	О	0	0	

	[96836] RED LAKE; GLORIETA-YESO,	<u> </u>		,		·	[				
2016	NORTHEAST	Mar	9	102	224	23	О	0	0	0	, o
	[96836] RED LAKE; GLORIETA-YESO,	111									
2016	NORTHEAST	Apr	11	71	267	19	0	0	0	0	O
	[96836] RED LAKE; GLORIETA-YESO,	٠.		3							. 41
2016	NORTHEAST	May	17	142	497	31	0	0	. 0	0	0
	[96836] RED LAKE; GLORIETA-YESO,			-	-						,
2016	NORTHEAST	Jun	8	89	180	16	.0	0	0	o	0
	[96836] RED LAKE; GLORIETA-YESO,							24			2
2016	NORTHEAST	Jul	21	217	561	31	0	0	0	О	0
	[96836] RED LAKE; GLORIETA-YESO,										
2016	NORTHEAST	Aug	15	108	251	27	) о	0	0	О	0
	[96836] RED LAKE; GLORIETA-YESO,										
2016	NORTHEAST	Sep	19	82	453	27	0	Ô	0	O	0
	[96836] RED LAKE; GLORIETA-YESO,					·					
2016	NORTHEAST	Oct	12	19	275	18	. o	Ó	0	О	. 0
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	[96836] RED LAKE; GLORIETA-YESO,		,	`							
2016	NORTHEAST	Nov	8	1	160	11	0	0	0	0	0



February 7, 2017

Mr. Michael McMillan
New Mexico Oil Conservation Division
1220 South St Frances Drive
Santa Fe NM 87505

Re: Request to Administratively Amend Surface Commingling Authority

Order PLC-207-B

SB State, TDF State, and NMBP State Leases

Northeast Red Lake Glorieta-Yeso (Oil - 96836) Pool

**Eddy County, New Mexico** 

Dear Mr. McMillan:

Apache respectfully requests administrative approval to amend Order PLC-207-B, as approved on July 20, 2004. This order, as written, requires "...separate measurement of water and separate, continuous measurement of oil prior to commingling" due to diverse ownership.

#### **Proposal:**

Apache proposes to allocate production between the following wells, based on frequent and periodic well tests:

SB State #1: API 30-015-32218
 SB State #2: API 30-015-42002
 SB State #4: API 30-015-42003
 NMBP State #1: API 30-015-33158
 TDF State #1: API 30-015-32231

Note that the following well will continue to be measured separately, as to oil and gas production, as this well has a separate test and metering installation:

• TDF State #2: API 30-015-32900

This request is the result of deterioration of the existing separation and measurement equipment at the common facility. Previously, the facilities included separation equipment for each lease, as required by the approved order. Over time the facilities have become unusable. The productive ability of these leases does not justify the capital expenditure necessary to replace this equipment, and requiring such replacement will cause premature abandonment of these otherwise economic properties. This will, of

Mr. Michael McMillan
PLC-207-B Amendment Request
Page 2

course, result in the loss of revenue to the State of New Mexico and the abandonment of recoverable reserves in place.

#### **Measurement:**

The TDF State #2 will be maintained on separate measurement due to facilities in place. The remaining TDF State well, the SB State wells, and the NMBP state well will share a common separation, storage, and metering facility. A test separator with oil and gas measurement capability will be used, on a rotating basis, to routinely meter each well's production stream separately. This individual well test data will be used to fairly allocate oil and gas production to each lease, based on a pro-rata share or total production. The wells will be rotated through the test separator on an equal time based, estimated to occur approximately every five days. This will assure proper allocation of production on a monthly basis.

A facility diagram is included, illustrating before and after arrangements should this request be approved.

#### **Notification:**

The working, royalty, and overriding royalty interests differ slightly between the three leases. The State of New Mexico has a consistent 1/8 royalty interest across all the leases. A service list with certified mail numbers is attached to this request. This notice was mailed today, February 7, 2017.

Please advise if this request is acceptable. If you need further information, please contact Isabel Alonso, Regulatory Analyst, at 432-818-1142 or Isabel alonso@apachecorp.com or you may contact me at mark.henkhaus@apachecorp.com or by telephone at 432-818-1883.

Sincerely,

R: Mark Henkhaus, PE Regulatory Manager

Permian Region



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Mark E. Fesmire, P.E.
Director
Oil Conservation Division

**COMMINGLING ORDER PLC-207-B** 

Marbob Energy Corporation P.O. Box 227 Artesia, New Mexico 88211-0227

Attention: Mr. Dean Chumbley:

Marbob Energy Corporation is hereby authorized to surface commingle production from the following leases and pools - all located within Eddy County, New Mexico:

### **POOLS:**

Red Lake Queen-Grayburg-San Andres (Oil - 51300), and Northeast Red Lake Glorieta-Yeso (Oil - 96836)

#### LEASES:

SB State Lease (Lease No. B-7244)
SW/4 NW/4, Section 2, Township 18 South, Range 27 East, NMPM

TDF State Lease (Lease No. B-7244)
SE/4 NW/4, Section 2, Township 18 South, Range 27 East, NMPM

NMBP State Lease (Lease No. B-7244) NW/4 SW/4, Section 2, Township 18 South, Range 27 East, NMPM

### **WELLS:**

SB State Well No. 1 (API No. 30-015-32218) Unit E TDF State No. 1 (API No. 30-015-32231) Unit F TDF State No. 2 (API No. 30-015-32900) Unit F NMPB State No. 1 (API No. 30-015-33158) Unit L

Due to diverse ownership between the above-described leases, each of these leases shall have separate measurement of water and separate, continuous measurement of oil prior to commingling. Allocation meters shall be regularly calibrated for accuracy. All liquids production shall be commingled into the SB State Tank Battery located in the SW/4 NW/4, Section 2, Township 18 South, Range 27 East, NMPM. Gas shall not be commingled.



Administrative Order PLC-207-B Marbob Energy Corporation July 20, 2004 Page 2

NOTE: This installation shall be installed and operated in accordance with the applicable provisions of Rule 309-B of the Division Rules and Regulations and the Division "Manual for the Installation and Operation of Commingling Facilities." It is the responsibility of the producer to notify the transporter of this commingling authority.

FURTHER: The operator shall notify the supervisor of the Artesia District office prior to implementation of the commingling process.

Remarks: This amended surface commingling order deletes previous authority to surface commingle production from the MJ State Lease comprising the NW/4 NW/4 of Section 2, and from the BM State Lease comprising the NE/4 SW/4 of Section 2, both in Township 18 South, Range 27 East, NMPM. This order now authorizes the surface commingling of Northeast Red Lake Glorieta-Yeso and Red Lake Queen-Grayburg-San Andres Pool production from the SB State Lease, TDF State Lease, and the NMBP State Lease, all as fully described by this order.

DONE at Santa Fe, New Mexico, on this 20th day of July, 2004.

Mark E. Fesmire, P.E.

Director

#### MEF/DRC

cc:

Oil Conservation Division - Artesia

State Land Office - Santa Fe



February 2, 2017

Sent via certified mail

RE: Notice of Intent to Surface Commingle Production from the SB State #1, #2, #4; TDF State #1, #2; and NMBP State #1 Section 2, Township 18 South, Range 27 East Eddy County, New Mexico

Dear Interest Owners,

Apache Corporation ("Apache") hereby requests your approval to surface commingle production from the following existing wells:

- SB State #1: API 30-015-32218, a vertical well located at 1,650' FNL and 330' FWL, UL E, Section 2, T-18-S, R-27-E, producing from the NE Red Lake Glorieta Yeso pool
- SB State #2: API 30-015-42002, a vertical well located at 1,900' FNL and 990' FWL, UL E, Section 2, T-18-S, R-27-E, producing from the NE Red Lake Glorieta Yeso pool
- SB State #4: API 30-015-42003, a vertical well located at 2,515' FNL and 800' FWL, ULE, Section 2, T-18-S, R-27-E, producing from the NE Red Lake Glorieta Yeso pool
- TDF State #1: API 30-015-32231, a vertical well located at 1,960' FNL and 1,650' FWL, UL E, Section 2, T-18-S, R-27-E, producing from the NE Red Lake Glorieta Yeso pool
- TDF State #2: API 30-015-32900, a vertical well located at 1,650' FNL and 2,305' FWL, UL E, Section 2, T-18-S, R-27-E, producing from the NE Red Lake Glorieta Yeso pool
- NMBP State #1: API 30-015-33158, a vertical well located at 2,185' FNL and 990' FWL, UL E, Section 2, T-18-S, R-27-E, producing from the NE Red Lake Glorieta Yeso pool

Please be aware that the interest ownership differs slightly between the SB State, TDF State, and NMBP State wells. In order to commingle production at the surface, production from each of the wells must be allocated by well test to account for the difference in ownership.

Enclosed for your review is a copy of Apache's application requesting approval from the Bureau of Land Management and the New Mexico Oil Conservation Division to surface commingle the referenced wells. To evidence your approval for the surface commingling of production, please execute the signature block below and return one copy of this letter to my attention by e-mail, fax, or using the prepaid return envelope enclosed herewith. Should you have any questions, please don't hesitate to contact me.

	*.	.:	
Notice of Intent to Su Page 2	urface Commingle		
Sincerely,		-:	
APACHE CO	ORPORAT	Ю	N

Laci Stretcher
Landman
laci stretcher@apachecorp.com
432-818-1846 (office)
432-818-1197 (fax)

The undersigned hereby approves to surface commingle production, as proposed in this letter, subject to further approval by the New Mexico Oil Conservation Division.

Signature

Printed Name

Title

SB State #1, #2, #4

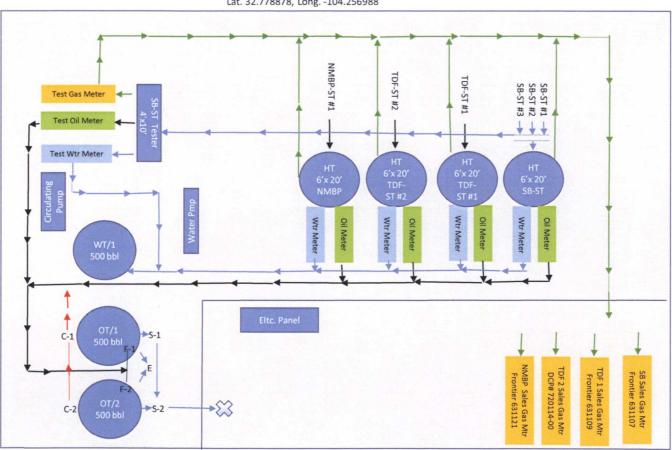
	Party Name	Addresses	Certified Mail No.
Royalty Interest	STATE OF NEW MEXICO	PO BOX 1148 Santa Fe NM 87504	7015 0640 0003 0223 9798
	ZPZ DELAWARE I LLC (OPERATOR)	2000 POST OAK BLVD, STE 100 HOUSTON, TX 77056	Not applicable
	COG OPERATING LLC	600 W Illinois Ave Midland, TX 79701	7015 0640 0003 0223 9804
Overriding Royalty	SPURCK FAMILY REVOCABLE TRUST UDT	22712 Erwin Street, Woodlands Hills, CA 91367	7015 0640 0003 0223 9811
	DAWN N STEAD SURVIVORS TRUST	22712 Erwin Street, Woodlands Hills, CA 91367	7015 0640 0003 0223 9828
	HARLAN STEAD ESTATE TRUST	3262 Avenida De Sueno Carlsbad, CA 92009	7015 0640 0003 0223 9835
TDF State #1, #2			
Royalty Interest	STATE OF NEW MEXICO	PO BOX 1148 Santa Fe NM, 87504	7015 0640 0003 0223 9798
	ZPZ DELAWARE I LLC (OPERATOR)	2000 POST OAK BLVD, STE 100 HOUSTON, TX 77056	Not applicable
	COG OPERATING LLC	600 W Illinois Ave Midland, TX 79701	7015 0640 0003 0223 9804
Overriding Royalty	JANE ANN HUDSON DAVIS	6770 Wolf Creek CT Rio Rancho, NM 87124-5708	7015 0640 0003 0223 9842
	JOAN ANN HUDSON	660 Camino De Las Mares San Clemente, CA 92673	7015 0640 0003 0223 9859
	JONEL SUSAN GRASSO	11 Ocean Ridge Lagun Niguel, CA 92677	7016 0640 0003 0223 9866
NMBP State #1			
Royalty Interest	STATE OF NEW MEXICO	PO BOX 1148 Santa Fe NM, 87504	7015 0640 0003 0223 9798
	ZPZ DELAWARE I LLC (OPERATOR)	2000 POST OAK BLVD, STE 100 HOUSTON, TX 77056	Not applicable
	COG OPERATING LLC	600 W Illinois Ave Midland, TX 79701	7015 0640 0003 0223 9804
Overriding Royalty	NOBLE ROYALTIES INC	PO Box 660082 Dallas, TX 75266-0082	7015 0640 0003 0223 9880
	NESTEGG ENERGY CORPORATION	2308 Sierra Vista RD Artesia, NM 88210	7015 0640 0003 0223 9873
	BILL GOLDSTON FAMILY TRUST	PO BOX 40909 Austin, TX 78704	7015 0640 0003 0223 9415

## **Apache Corporation** SB- State Battery

(CURRENTLY 2016)

Sec. 2, T18S, R27E

Lat. 32.778878, Long. -104.256988



Apache Corp. 1945 Bluestem Rd. Artesia, NM 88210 575-677-3642

Wells Going To Facility:

#### SB-ST #1

API# 30-015-32218 Sec. 2 - T18S - R27E Lease #B-7244, Unit E SB-ST #2

API# 30-015-42002 Sec. 2 - T18S - R27E Lease #B-7244, Unit E SB-ST #4

API# 30-015-42003 Sec. 2 - T18S - R27E Lease #B-7244, Unit E TDF-ST#1

API# 30-015-32231 Sec. 2 - T18S - R27E Lease #B-7244, Unit F TDF-ST#2

API# 30-015-32900 Sec. 2 - T18S - R27E Lease #B-7244, Unit F NMBP-ST#1

API# 30-015-33158 Sec. 2 - T18S - R27E Lease #B-7244, Unit L

- S = Oil Sales Line Valve
- E = Equalizer Line Valve
- F = Fill Line Valve
- C = Circulating Line Valve

Oil Tank Sealing Requirements

A. Production Phase (OT/1)

a. valve F-1 open

b. valve E open

c. valve S-1 sealed closed

d. valves on OT/2

i. valve F-2 closed ii. valve C-2 sealed

iii. Valve S-2 sealed closed

B. Sales Phase (OT/1)

a. valve F-1, E, C-1 sealed closed b. valve S-1 open to sales

c. valve OT-2

i. valve F-2 open

ii. valve C-2 sealed

iii. Valve S-2 sealed closed

## **Apache Corporation** SB- State Battery

A. Production Phase (OT/1)

c. valve S-1 sealed closed

a. valve F-1 open

d. valves on OT/2

B. Sales Phase (OT/1)

c. valve OT-2

i. valve F-2 closed

ii. valve C-2 sealed

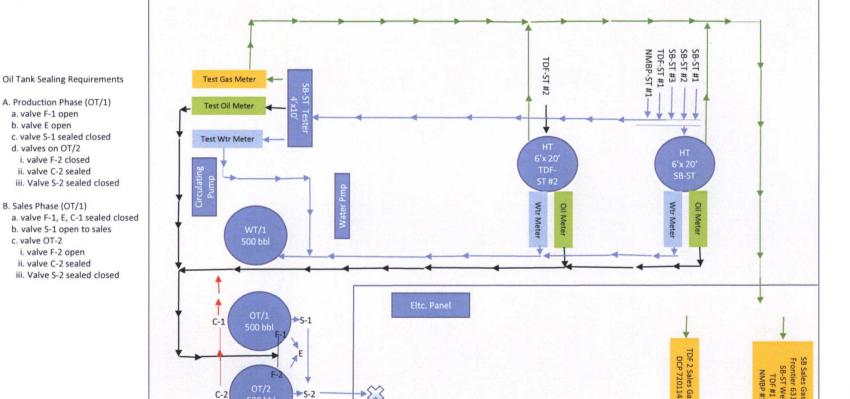
b. valve S-1 open to sales

i. valve F-2 open

ii. valve C-2 sealed

b. valve E open

(Proposed 2017) Sec. 2, T18S, R27E Lat. 32.778878, Long. -104.256988



Apache Corp. 1945 Bluestem Rd. Artesia, NM 88210 575-677-3642

Wells Going To Facility:

#### SB-ST #1

API# 30-015-32218 Sec. 2 - T18S - R27E Lease #B-7244, Unit E SB-ST #2

API# 30-015-42002 Sec. 2 - T18S - R27E Lease #B-7244, Unit E SB-ST #4

API# 30-015-42003 Sec. 2 - T18S - R27E Lease #B-7244, Unit E

TDF-ST#1 API# 30-015-32231 Sec. 2 - T18S - R27E Lease #B-7244, Unit F

TDF-ST#2 API# 30-015-32900 Sec. 2 - T18S - R27E Lease #B-7244, Unit F NMBP-ST#1

API# 30-015-33158 Sec. 2 - T18S - R27E Lease #B-7244, Unit L

S = Oil Sales Line Valve

E = Equalizer Line Valve

F = Fill Line Valve

C = Circulating Line Valve

## McMillan, Michael, EMNRD

From:

Alonso, Isabel <Isabel.Alonso@apachecorp.com>

Sent:

Wednesday, February 8, 2017 12:04 PM

To:

McMillan, Michael, EMNRD; Podany, Raymond, EMNRD

Subject:

RE: SB State Well No. 2 and SB State Well No. 4 Pool designation

This might help clear things up, please see below. Thank you —Isabel

From: Kautz, Paul, EMNRD [mailto:paul.kautz@state.nm.us]

Sent: Tuesday, November 29, 2016 9:12 AM

**To:** Hudson, Isabel <isabel.hudson@apachecorp.com>; McMillan, Michael, EMNRD <Michael.McMillan@state.nm.us> **Cc:** Fisher, Reesa <Reesa.Fisher@apachecorp.com>; Sharp, Karen, EMNRD <Karen.Sharp@state.nm.us>; Bayliss,

Randolph, EMNRD < Randolph. Bayliss@state.nm.us>

Subject: RE: Administrative Approval to Surface Commingle: SB State #2, SB State #4

Hi Isabel,

Sorry for the delay getting back with you and Michael McMillan, but I have been out of the office. It is a physical impossibility for 30-015-42002 and 30-015-42003 for these two wells to be in either the [51120] RED LAKE; GLORIETA-YESO or the [96380] ARTESIA; GLORIETA-YESO (O) pools. Well 30-015-42002 was originally permitted for the [96836] RED LAKE; GLORIETA-YESO, NORTHEAST. The previous geologist for Artesia had problems with his eyesight and would pick the pool for the wrong township and range.

30-015-42002 in e-permitting shows the correct [96836] RED LAKE; GLORIETA-YESO; NORTHEAST.

Apache needs to submit amended C-102's for both wells showing [96836] RED LAKE; GLORIETA-YESO, NORTHEAST as the correct pool.

Paul Kautz Hobbs District Geologist NM Oil Conservation Div. 1625 N French Dr. Hobbs, NM 88240 575-393-6161 Ext. 104

### **ISABEL** ALONSO

direct 432-818-1142 | 6219C

\*Save the earth... It's the only planet with chocolate!

From: McMillan, Michael, EMNRD [mailto:Michael.McMillan@state.nm.us]

Sent: Wednesday, February 08, 2017 12:57 PM

To: Podany, Raymond, EMNRD < Raymond. Podany@state.nm.us>