

05 July 07 DATE IN	SUSPENSE	W. Jones ENGINEER	10 July 07 LOGGED IN	DHC TYPE 3929	PLCP0719130549 APP NO.
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ABOVE THIS LINE FOR DIVISION USE ONLY

**NEW MEXICO OIL CONSERVATION DIVISION**  
 - Engineering Bureau -  
 1220 South St. Francis Drive, Santa Fe, NM 87505



**ADMINISTRATIVE APPLICATION CHECKLIST**

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

**Application Acronyms:**

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

- [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

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[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.

Chonda Rogers (Print or Type Name) Chonda Rogers (Signature) Regulatory Tech (Title) 7-3-07 (Date)  
rogerrr@conocophillips.com (e-mail Address)

District I  
1625 N. French Drive, Hobbs, NM 88240

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107A  
Revised June 10, 2003

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

**Oil Conservation Division**  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

APPLICATION TYPE  
 Single Well  
 Establish Pre-Approved Pools  
EXISTING WELLBORE  
 Yes  No

District III  
1000 Rio Brazos Road, Aztec, NM 87410

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

**APPLICATION FOR DOWNHOLE COMMINGLING**

Burlington Resources Oil & Gas Company, LP P.O.Box 4289 Farmington, NM 87499  
Operator Address DHC-3929

REID A 100S Unit O, Sec. 01, 030N, 013W SAN JUAN  
Lease Well No. Unit Letter-Section-Township-Range County

OGRID No: 14538 Property Code 18608 API No. 3004534248 Lease Type:  Federal  State  Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	BASIN FRUITLAND COAL	FLORA VISTA FRUITLAND SAND	FULCHER KUTZ PICTURED CLIFFS
Pool Code	71629	76600	77200
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	1800'-1951' Estimated	1600'-1960' Estimated	1951'-2025' Estimated
Method of Production (Flowing or Artificial Lift)	NEW ZONE	NEW ZONE	NEW ZONE
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	150% RULE	150% RULE	150% RULE
Oil Gravity or Gas BTU (Degree API or Gas BTU)	BTU 1000	BTU 1000	BTU 1000
Producing, Shut-In or New Zone	NEW ZONE	NEW ZONE	NEW ZONE
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: N/A Rates: N/A	Date: N/A Rates: N/A	Date: N/A Rates: N/A
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas Will be supplied upon completion	Oil Gas Will be supplied upon completion	Oil Gas Will be supplied upon completion

**ADDITIONAL DATA**

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes  No   
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes  No

Are all produced fluids from all commingled zones compatible with each other? Yes  No

Will commingling decrease the value of production? Yes  No

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application? Yes  No

NMOCD Reference Case No. applicable to this well: \_\_\_\_\_

**Attachments:**

- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- Production curve for each zone for at least one year. (If not available, attach explanation.)
- For zones with no production history, estimated production rates and supporting data.
- Data to support allocation method or formula.
- Notification list of working, royalty and overriding royalty interests for uncommon interest cases.
- Any additional statements, data or documents required to support commingling.

**PRE-APPROVED POOLS**

If application is to establish Pre-Approved Pools, the following additional information will be required:

- List of other orders approving downhole commingling within the proposed Pre-Approved Pools
- List of all operators within the proposed Pre-Approved Pools
- Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
- Bottomhole pressure data.

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

SIGNATURE Julian Carrillo TITLE Engineer DATE 4/04/2007

TYPE OR PRINT NAME Julian Carrillo, Engineer TELEPHONE NO. (505) 326-9700

E-MAIL ADDRESS Julian.B.Carrillo@conocophillips.com

Reid A 100S  
Unit O, Section 01, T30N, R13W

The Reid A 100S is a Pictured Cliffs, Fruitland Coal and Fruitland Sand newdrill. A cased hole neutron log will be run prior to completion to identify the Fruitland Sand and Fruitland Coal zones. If the Fruitland Sand and Fruitland Coal horizons can be isolated, a separator test will be performed and the allocation will be assigned with results using the subtraction method applied to the rate. In the event that the Fruitland Sand and Fruitland Coal can not be tested separately, a volumetric calculation will be performed to determine the allocation percentages between the Fruitland Coal and Fruitland Sand. A separator test will be used to test the combined production from the Fruitland Coal and Fruitland Sand versus the Pictured Cliffs. All documentation will be submitted to the Aztec NMOCD office.

District I  
1625 N. French Dr., Hobbs, NM 88240

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1301 W. Grand Avenue, Artesia, NM 88210

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

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

State of New Mexico  
Energy, Minerals & Natural Resources Department

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number		<sup>2</sup> Pool Code		<sup>3</sup> Pool Name	
18608		71629 - 76600 77200		BASIN FRUITLAND COAL - FLORA VISTA FRUITLAND SAND FULCHER KUTZ PICTURED CLIFFS	
<sup>4</sup> Property Code		<sup>5</sup> Property Name			<sup>6</sup> Well Number
18608		REID A			100S
<sup>7</sup> OGRID No.		<sup>8</sup> Operator Name			<sup>9</sup> Elevation
14538		BURLINGTON RESOURCES OIL & GAS COMPANY, LP			5825'

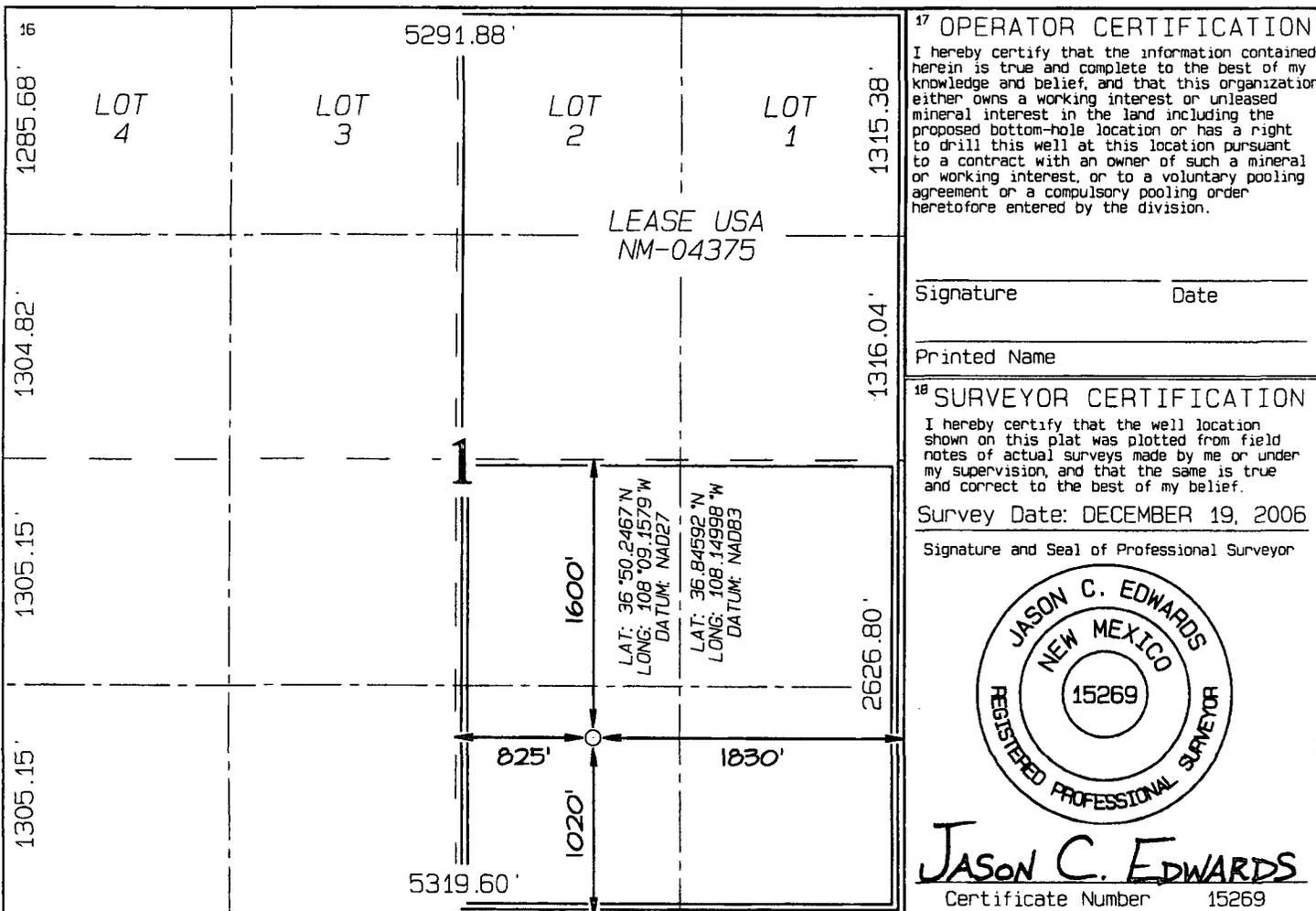
<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	1	30N	13W		1020	SOUTH	1830	EAST	SAN JUAN

<sup>11</sup> Bottom Hole Location If Different From Surface

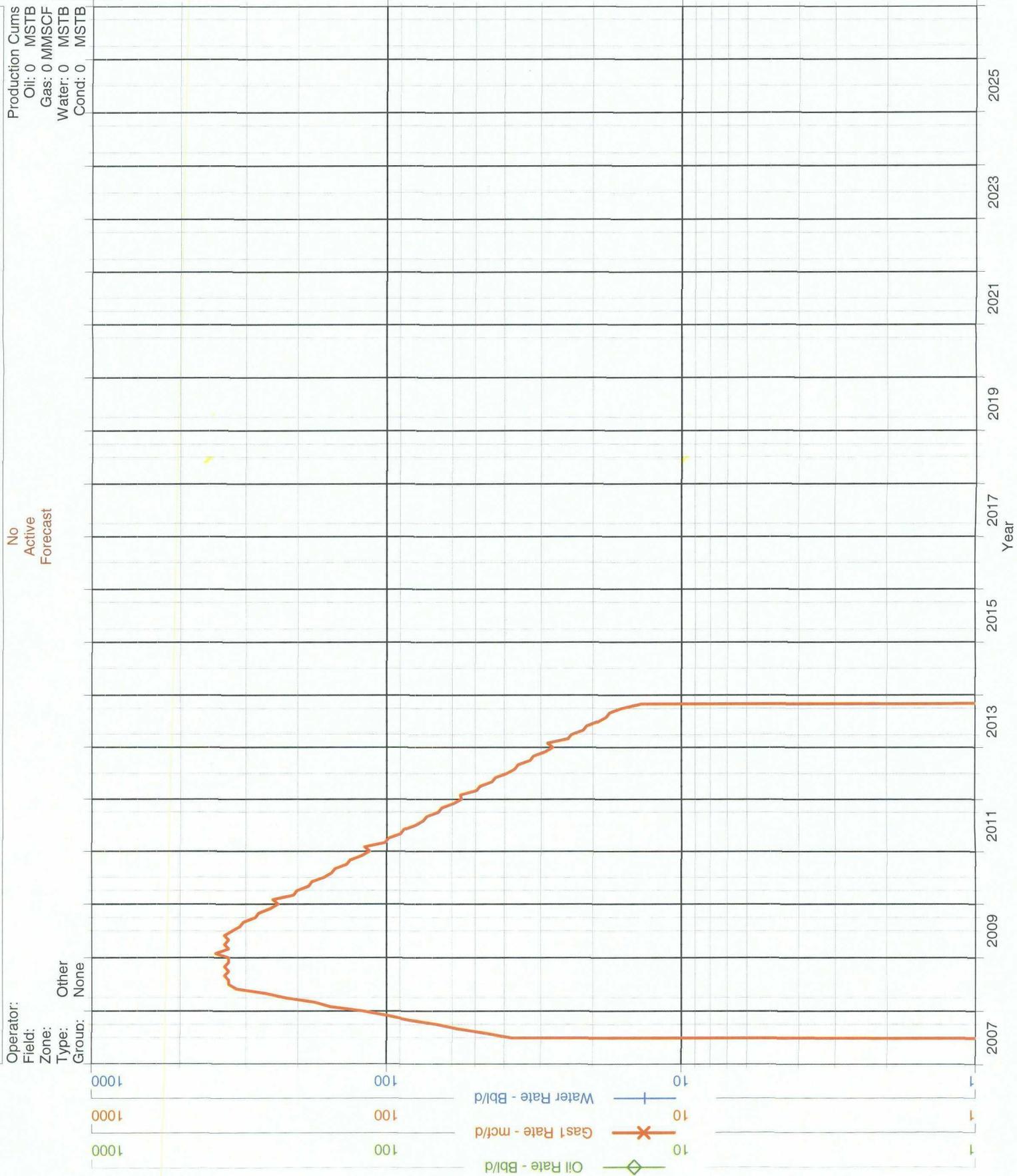
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<sup>12</sup> Dedicated Acres					<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code		<sup>15</sup> Order No.	
319.70 Acres (E/2) - Coal 160.00 Acres (SE/4) - Sand & PC									

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



REID A 100S FC Data: Mar.2007-Mar.2007

Oil Rate - Bbl/d  
Cum: 0.00  
Gas Rate - mcf/d  
Cum: 0.00  
Water Rate - Bbl/d  
Cum: 0.00



Production Cums  
Oil: 0 MSTB  
Gas: 0 MMSCF  
Water: 0 MSTB  
Cond: 0 MSTB

Operator:  
Field:  
Zone:  
Type:  
Group:

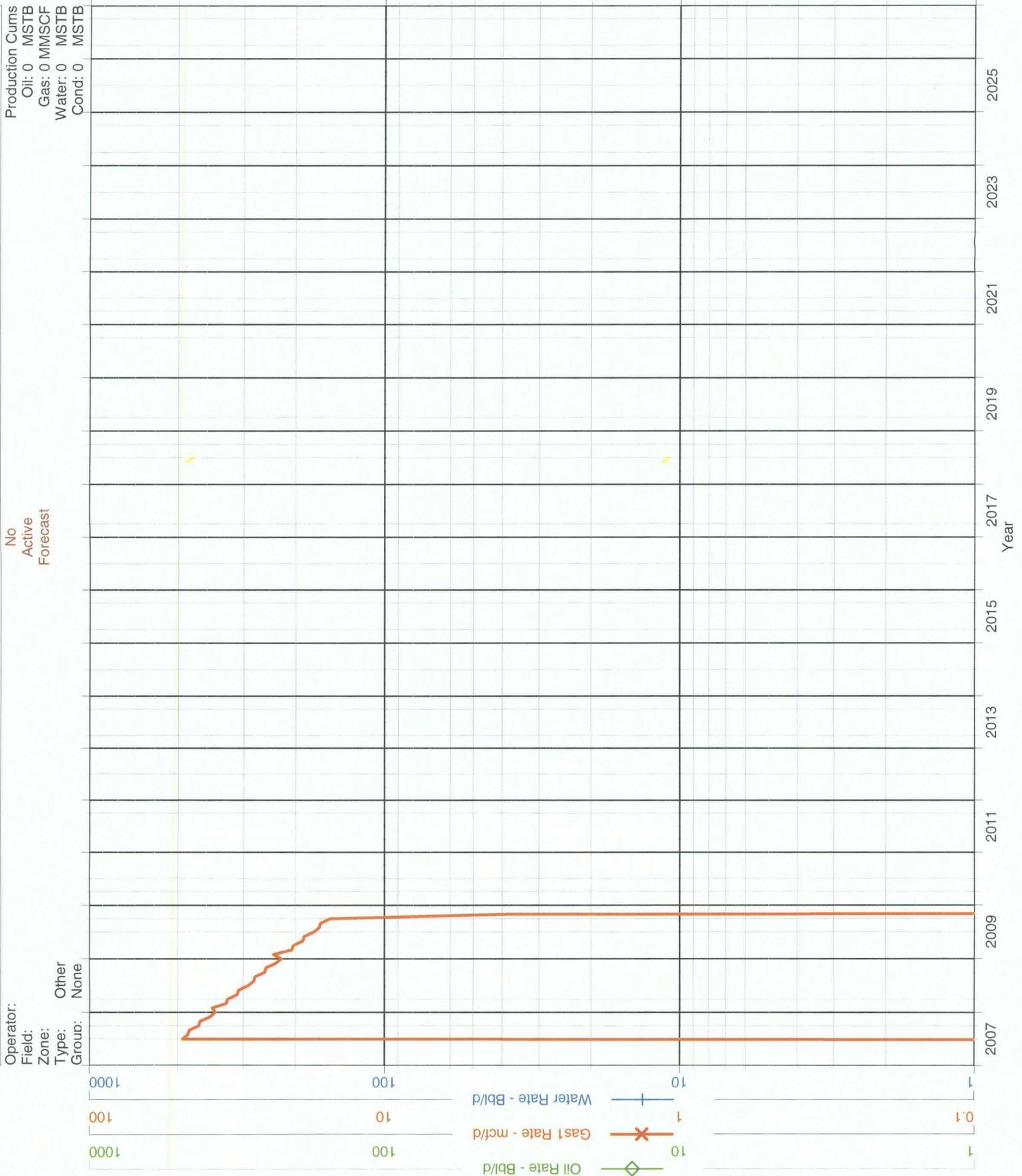
Other  
None

No  
Active  
Forecast

Oil Rate - Bbl/d 10 100 1000  
Gas Rate - mcf/d 10 100 1000  
Water Rate - Bbl/d 10 100 1000

Year  
2007 2009 2011 2013 2015 2017 2019 2021 2023 2025

REID A 100S FS Data: Mar.2007-Mar.2007



Operator:  
Field:  
Zone:  
Type:  
Group:

Other  
None

Production Cums  
Oil: 0 MSTB  
Gas: 0 MMSCF  
Water: 0 MSTB  
Conc: 0 MSTB

No  
Active  
Forecast

Cum: 0.00  
Cum: 0.00  
Cum: 0.00

Oil Rate - Bbl/d  
Gas Rate - mcf/d  
Water Rate - Bbl/d

1000  
100  
10  
1

1000  
100  
10  
1

Year

REID A 100S PC Data: Mar.2007-Mar.2007

Operator:  
Field:  
Zone:  
Type:  
Group:

Other:  
None

Production Cumis  
Oil: 0 MSTB  
Gas: 0 MMSCF  
Water: 0 MSTB  
Cond: 0 MSTB

No  
Active  
Forecast

Oil Rate - Bbl/d Cum: 0.00  
Gas1 Rate - mcf/d Cum: 0.00  
Water Rate - Bbl/d Cum: 0.00

