

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT ARTESIA DISTRICT

OCD-ARTESIA

FORM APPROVED
OMB No. 1064-0135
Expires July 31, 1996

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

RECEIVED

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

LRE OPERATING, LLC

3a. Address c/o Mike Pippin LLC

3104 N. Sullivan, Farmington, NM 87401

3b. Phone No. (include area code)

505-327-4573

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2310' FNL & 1650' FEL Unit G

Sec. 29, T17S, R28E

5. Lease Serial No.

NMLC 046250-B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

WILLIAMS B FEDERAL #8

3

30-015-36915

10. Field and Pool, or Exploratory Area

Red Lake, San Andres (97253)

Artesia, Glorieta-Yeso (96830)

AND

Eddy County, New Mexico

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize <input type="checkbox"/> Deepen <input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Reclamation <input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input type="checkbox"/> Recomplete <input checked="" type="checkbox"/> Other Drill CBP & DHC
	<input type="checkbox"/> Change Plans <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back <input type="checkbox"/> Water Disposal

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat, horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Following the recompletion to San Andres, LRE would like to drill the CBP @ ~3350' & DHC the Yeso with the San Andres.

LRE requests administrative approval to downhole commingle the existing Artesia, Glorieta-Yeso (96830) and the proposed Red Lake, San Andres (97253). Both intervals have common ownership, we have not experienced any significant cross flows, & all the fluids are compatible. Downhole commingling will maximize the ultimate recovery of oil & gas & eliminate redundant surface equipment. A DHC application has also been submitted to the State. See the attached DHC worksheet & supporting data. The "Williams A & B Field Study of the Yeso & San Andres" dated 11/23/2013 reviewed & approved by EGF on 1/27/2014 has been accepted by BLM CFO as justification for a downhole pool commingling project on the Williams A & B Federal leases.

SUBJECT TO LIKE
APPROVAL BY STATE

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Mike Pippin

Title

Petroleum Engineer (Agent)

Signature

Mike Pippin

Date

May 27, 2014

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

DEC 10 2014

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

BUREAU OF LAND MANAGEMENT

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CARLSBAD FIELD OFFICE

NM OIL CONSERVATION
ARTESIA DISTRICT

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

DEC 23 2014

SUNDRY NOTICES AND REPORTS ON WELLS
RECEIVED
Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires July 31, 1996

5. Lease Serial No.	NMLC 046250-B
6. If Indian, Allottee or Tribe Name	
7. If Unit or CA/Agreement, Name and/or No.	
8. Well Name and No.	WILLIAMS B FEDERAL #8
9. Phone No. (include area code)	30-015-36915
10. Field and Pool, or Exploratory Area	Red Lake, San Andres (97253) Artesia, Glorieta-Yeso (96830) AND Eddy County, New Mexico

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other
2. Name of Operator LRE OPERATING, LLC
3a. Address c/o Mike Pippin LLC 3104 N. Sullivan, Farmington, NM 87401
3b. Phone No. (include area code) 505-327-4573
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2310' FNL & 1650' FEL Unit G Sec. 29, T17S, R28E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize <input type="checkbox"/> Deepen <input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing <input checked="" type="checkbox"/> Fracture Treat <input type="checkbox"/> Reclamation <input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input type="checkbox"/> Recomplete <input checked="" type="checkbox"/> Other Recomplete to San Andres
	<input type="checkbox"/> Change Plans <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon <input type="checkbox"/> Water Disposal
	<input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back <input type="checkbox"/> Water Disposal

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

LRE would like to recomplete this Yeso oil well into the San Andres & DHC as follows: MIRUSU. TOH w/rods, pump, & tbg. Set a 5-1/2" CBP @ ~3350' & PT to 3500 psi. Perf Lower SA @ ~2970'-3271' w/~38 holes. Treat new perms w/~1500 gal 15% HCL & frac w/~30,000# 100 mesh & ~253,500' 40/70 Ottawa sand in slick water. Set a 5-1/2" CBP @ 2940' & PT to 3500 psi. Perf middle SA @ ~2596'-2911' w/~34 holes. Treat new perms w/~1500 gal 15% HCL & frac w/~30,000# 100 mesh & ~253,500# 40/70 sand in slick water. CO after frac, drill out CBP @ 2940', & CO to CBP @ 3350'. Land ESP on 2-7/8" tbg @ ~2550'. Test well.

After well is tested, TOH w/all production equipment. Set a 5-1/2" CBP @ ~2570' & PT to 3500 psi. Perf Upper SA @ ~2226'-2541' w/~35 holes. Treat new perms w/~1500 gal 15% HCL & frac w/~30,000# 100 mesh & 253,500# 40/70 Ottawa in slick water. Set a 5-1/2" CBP @ ~2150' & PT to 3500 psi. Perf Upper SA @ ~1956'-2093' w/~30 holes. Treat new perms w/~1500 gal 15% HCL & frac w/~15,000# 100 mesh & 126,750# 40/70 Ottawa sand in slick water. CO after frac, drill CBP @ 2150' & CO to CBP @ ~3350'. Land ESP on 2-7/8" tbg @ ~1900'. Release workover rig & complete as a single SA oil well. The existing Glorieta-Yeso perms are 46 holes @ 3400'-3511'. This well will be DHC when the DHC applications with the State & BLM are approved. We plan to utilize a closed loop system.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)	Title
Mike Pippin	Petroleum Engineer (Agent)
Signature	Date
<i>Mike Pippin</i>	April 3, 2014

THIS SPACE FOR FEDERAL OR STATE USE

Approved by	Title	Date
	Office	

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DOWNHOLE COMMINGLING WORKSHEET

Operator: LRE OPERATING, LLC
 Lease/Well Name/API#/Location: NMLC-046250B, **WILLIAMS B FEDERAL #8**, 30-015-36915, G SEC 29 T17S R28E
 Date: 5/27/2014

Data	Bottom Formation	Upper Formation	Estimated Combined Production Data
Pool Name:	Artesia, G-Y	Red Lake, San Andres	(See attached weighted average calculations)
Pool Code:	96830	97253	
State Form C-102 w/dedicated Acres provided:	Yes 40 acres	Yes 40 acres	
Formation Name:	Yeso	San Andres	
Top & Bottom of Pay Section (Perfed or OH interval):	3400'-3511' Perfed	~1956'-3271' Plan to Perf	
Method of Production:	Pumping	Plan to pump	
Bottom Hole Pressure:	851 psi	690 psi	
Reservoir Drive Mechanism:	Solution gas drive	Solution gas drive	
Oil Gravity &/or BTU:	35.8 / 1295*	34.1 / 1197*	34.1 / 1225
Average Sulfur Content (Wt%):	1.003*	1.2293*	1.2278
Oil Sample Analysis Provided:	Yes*	Yes*	
Gas Analysis Provided:	Yes*	Yes*	
Produce Water Analysis Provided:	Yes*	Yes*	
H2S Present:	9,500 ppm*	3500 ppm*	5207 ppm
Producing, Shut-in or New Zone:	Pumping	Plan to pump	
Date & Oil/Gas/Water rates of Last Production (new zones or no production history Operator shall attach production estimate & supporting data):	2/10/2014 0.5 BOPD 70 MCF/D 0.5 BWPD	Ave. SA From Lease 74 BOPD 176 MCF/D 185 BWPD **	Estimated Rates: 80 BOPD 260 MCF/D 190 BWPD
Average decline % (provide back up data):	OIL = 9.76%* GAS = 1.57%*	OIL = 9.51%* GAS = 5.89%*	OIL = 8.59%* GAS = 1.91%*
Fixed Allocation %: (See attached calculations)	OIL = 1% GAS = 28% WTR = 00%	OIL = 99% GAS = 72% WTR = 100%	

Remarks: *See attached back-up data & "Williams A & B Field Study of Yeso & San Andres".
 ** As per EGF. Pool allocations will be fine tuned after SA test.

Operator Signature: Mike Pippin PE *Mike Pippin*
 Date: 5/27/2014

Attached Supporting Documents

State Form C-102 w/dedicated Acres Provided
 Oil Sample Analysis Provided (Must be Current)
 Gas Analysis provided (Must be Current)
 Produce Water Analysis provided (Must be Current)
 Any additional supporting data (i.e. offset well production & decline curves etc.)

* FROM WILLIAMS A & B FIELD STUDY

LRE OPERATING, LLC
WILLIAMS B FEDERAL #8
 Artesia; Glorieta-Yeso & Red Lake, San Andres
 G Section 29 T17S R28E
 5/27/2014
 API#: 30-015-36915

Commingle Allocation Calculations

On 4/9/09, the Yeso (lower zone) was completed as a new well. LRE has submitted an NOI sundry to recomplete this well to the San Andres (upper zone) and produce as a single SA well to obtain a test. Following the SA test, we would like to DHC. The last Yeso production test on 2/10/14 was 0.5 BOPD, 70 MCF/D, & 0.5 BWPD. The average San Andres test on the lease is 74 BOPD, 176 MCF/D, & 185 BWPD. As per EGF, the pool allocations will be fine tuned after the SA test.

	Upper Zone (SA)	+	Lower Zone (YESO)	=	Total
Total Oil (bbls/d)	74	+	0.5	=	74.5
Total Gas (mcf/d)	176	+	70	=	246
Total Water (bbls/d)	185		0.5	=	185.5

OIL

Upper Zone (SA) = 74 BOPD
 Total oil = 74.5 BOPD
 $\% \text{ Upper Zone} = \frac{74}{74.5} = \underline{99\%}$

Lower Zone (Yeso) = 0.5 BOPD
 $\% \text{ Lower Zone} = \frac{0.5}{74.5} = \underline{1\%}$

GAS

Upper Zone (SA) = 176 MCF/D
 Total gas = 246 MCF/D
 $\% \text{ Upper Zone} = \frac{176}{246} = \underline{72\%}$

Lower Zone (Yeso) = 70 MCF/D
 $\% \text{ Lower Zone} = \frac{70}{246} = \underline{28\%}$

WATER

Upper Zone (SA) = 185 BWPD
 Total Water = 185.5 BWPD
 $\% \text{ Upper Zone} = \frac{185}{185.5} = \underline{100\%}$

Lower Zone (Yeso) = 0.5 BWPD
 $\% \text{ Lower Zone} = \frac{0.5}{185.5} = \underline{00\%}$

LRE OPERATING, LLC
WILLIAMS B FEDERAL #8
Artesia; Glorieta-Yeso & Red Lake, San Andres
G Section 29 T17S R28E
5/27/2014 – Mike Pippin
API#: 30-015-36915

WEIGHTED AVERAGES

OIL GRAVITY:

Bottom zone (Yeso) = 0.5 BOPD, 35.8

Upper zone (SA) = 74 BOPD, 34.1

$$(0.5 \times 35.8) + (74 \times 34.1) = 17.9 + 2523.4 = 2541.3$$

$$2541.3 / (0.5 + 74) = \underline{\underline{34.1 \text{ GRAVITY OIL}}}$$

GAS BTU:

Bottom zone (Yeso) = 70 MCF/D, 1295 BTU

Upper zone (SA) = 176 MCF/D, 1197 BTU

$$(70 \times 1295) + (176 \times 1197) = 90,650 + 210,672 = 301,322$$

$$301,322 / (70 + 176) = \underline{\underline{1225 \text{ BTU GAS}}}$$

H2S in GAS:

Bottom zone (Yeso) = 70 MCF/D, 9,500 ppm

Upper zone (SA) = 176 MCF/D, 3500 ppm

$$(70 \times 9500) + (176 \times 3500) = 665,000 + 616,000 = 1,281,000$$

$$1,281,000 / (70 + 176) = \underline{\underline{5,207 \text{ ppm H2S}}}$$

Sulfur in Oil:

Bottom zone (Yeso) = 0.5 BOPD, 1.003

Upper zone (SA) = 74 BOPD, 1.2293

$$(0.5 \times 1.003) + (74 \times 1.2293) = 0.5015 + 90.9682 = 91.4697$$

$$91.4697 / (0.5 + 74) = \underline{\underline{1.2278 \text{ Wt\% Sulfur}}}$$

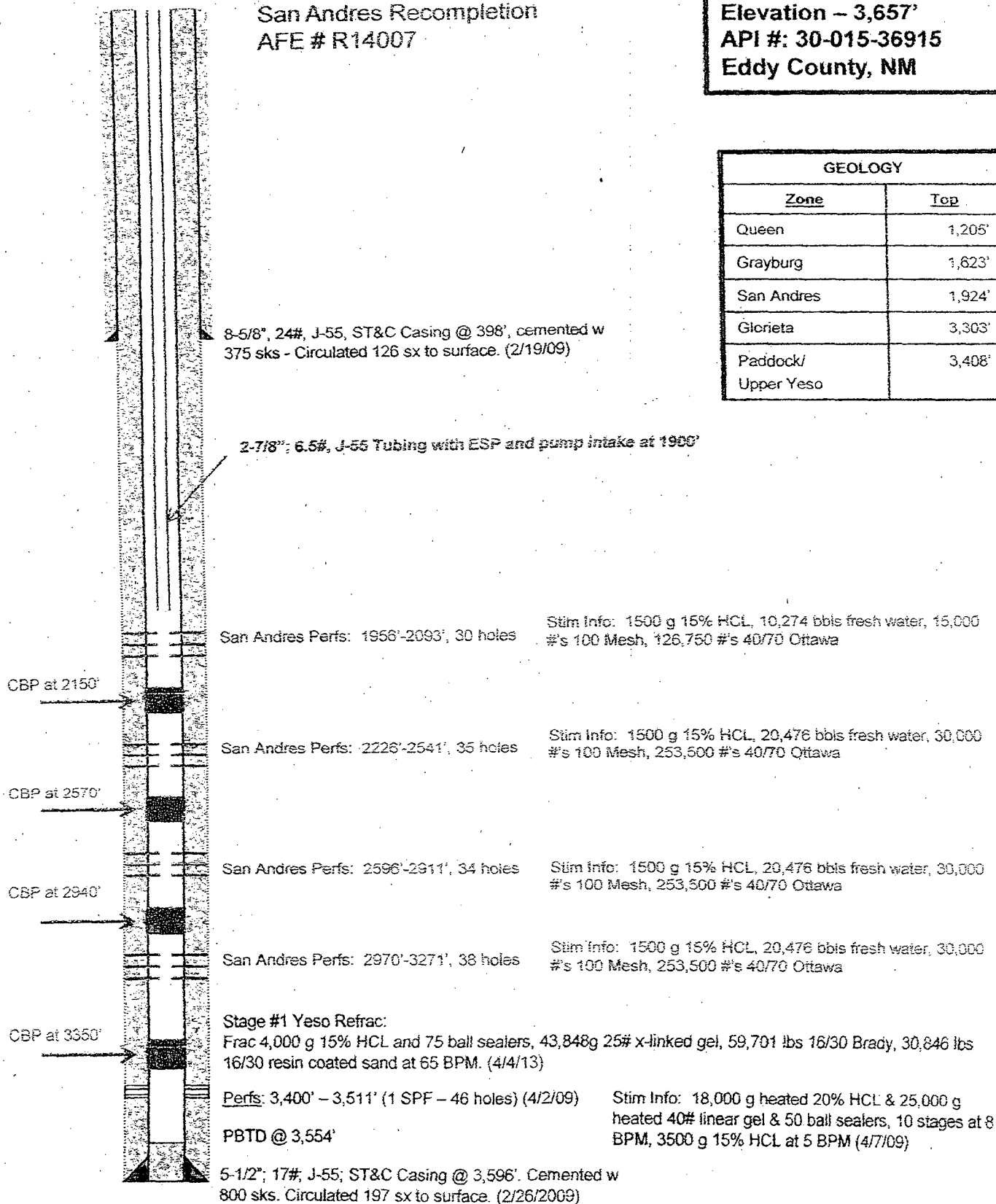


**LIME ROCK
RESOURCES**

LRE Operating LLC,
Williams B Federal #8
San Andres Recompletion
AFE # R14007

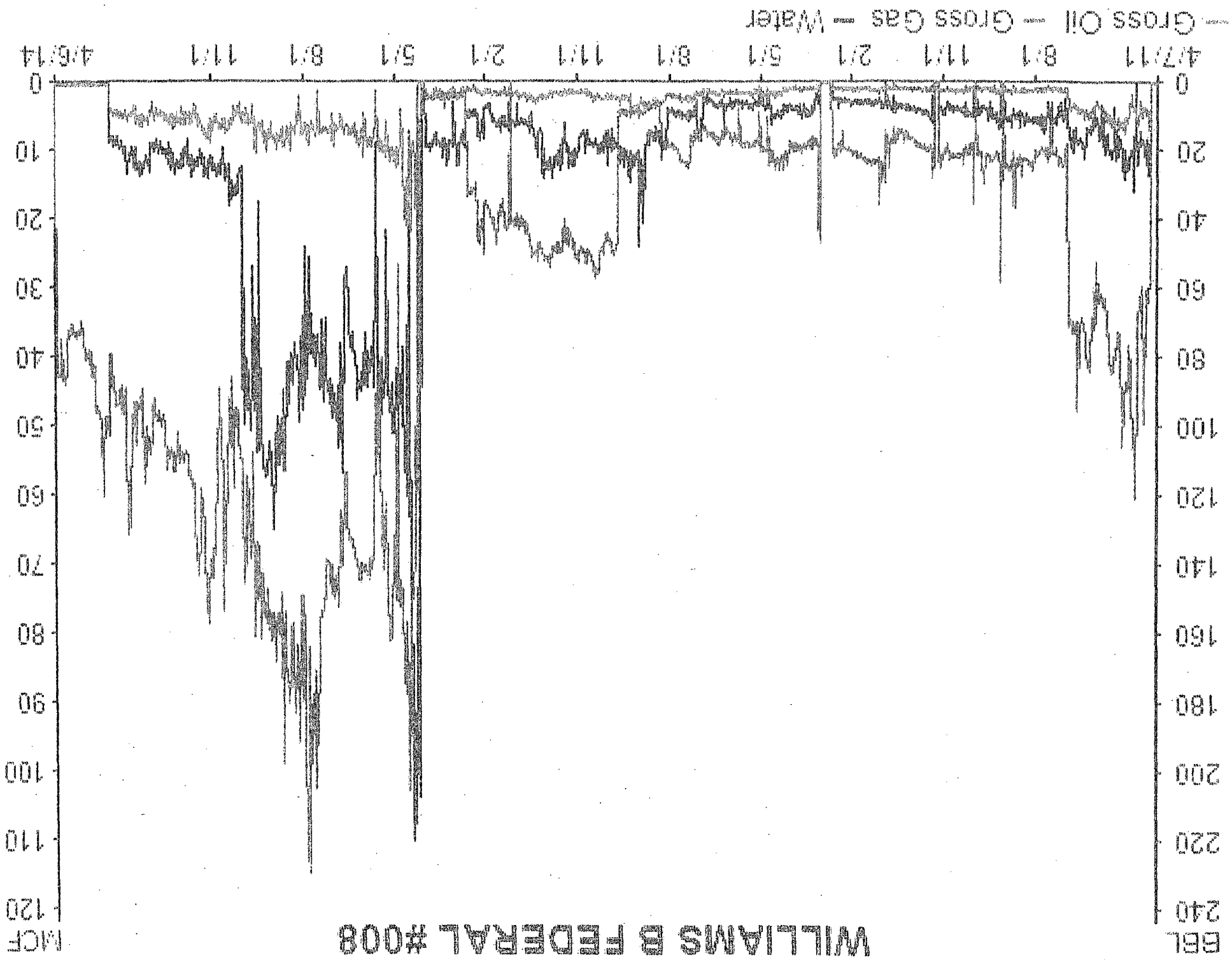
**Williams B Federal #8
Sec 29, T17S, R28E (G)
2310' FNL, 1650' FEL
Elevation - 3,657'
API #: 30-015-36915
Eddy County, NM**

GEOLOGY	
Zone	Top
Queen	1,205'
Grayburg	1,823'
San Andres	1,924'
Glorieta	3,303'
Paddock/ Upper Yeso	3,408'



TD @ 3,606'

WILLIAMS B FEDERAL #008



District I
1123 N. French Drive, Hobbs, NM 88240

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

District III
1033 Rio Grande Street, Aztec, NM 87410

District IV
1320 S. St. Michaels Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107A
Revised June 10, 2003

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

APPLICATION FOR DOWNHOLE COMMINGLING

LRE OPERATING, LLC c/o Mike Pippin LLC (agent), 3104 N. Sullivan, Farmington, NM 87401
Operator Address

WILLIAMS B FEDERAL #8 **G SEC. 29 T17S R28E** **Eddy**
Lease Well No. Unit Letter-Section-Township-Range County

OGRID No. 281994 Property Code 309867 API No. 30-015-36915 Lease Type: ☒ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	RED LAKE; -San Andres		ARTESIA: Glorieta-Yeso
Pool Code	97253		96830
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	-1956'-3271'		3400'-3511'
Method of Production (Flowing or Artificial Lift)	Plan to Pump		Pumping
Bottomhole Pressure (Note: Pressure data will not be required if the bottomhole perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	690 psi		851 psi
Oil Gravity or Gas BTU (Degree API or Gas BTU)	34.8		38.32
Producing, Shut-In or New Zone	New Zone		Producing
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: RATES:	Date: Rates:	Date: 2/10/14 Rates: 0.5 BOPD 70 MCF/D 0.5 BWPD
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 %	Oil Gas %	Oil Gas

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 communized 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 ☐
NMOC 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 Mike Pippin TITLE Petroleum Engineer - Agent DATE April 7, 2014

TYPE OR PRINT NAME Mike Pippin TELEPHONE NO. (505) 327-4573

E-MAIL ADDRESS mike@pippinllc.com

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

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

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

¹ API Number 30-015-36915	² Pool Code 97253	³ Pool Name Red Lake, San Andres
⁴ Property Code 309867	⁵ Property Name WILLIAMS B FEDERAL	
⁷ OGRID No. 281994	⁸ Operator Name LRE OPERATING, LLC.	
		⁶ Well Number 8
		⁹ Elevation 3657' GL

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	29	17-S	28-E		2310	NORTH	1650	EAST	EDDY

¹¹ 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

¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

	<p>¹⁷ OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i></p> <p>Signature: <u>Mike Pippin</u> Date: <u>4/4/14</u></p> <p>Printed Name: <u>Mike Pippin</u></p> <p>¹⁸ SURVEYOR CERTIFICATION</p> <p><i>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.</i></p> <p>6/23/08</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor: Gary Eidson</p> <p>12641</p> <p>Certificate Number</p>
--	--

DISTRICT I
1625 N. FRENCH DR., HOBBBS, NM 86240

DISTRICT II
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 and Natural Resources Department

OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-36915	Pool Code 96830	Pool Name Artesia; Glorieta-Yeso
Property Code 305444	Property Name WILLIAMS B FED.	Well Number 8
GRID No. 255333	Operator Name LIME ROCK RESOURCES A, L.P.	Elevation 3657'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	29	17-S	28-E		2310	NORTH	1650	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

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

<p>GEODETIC COORDINATES NAD 27 NME Y=656929.5 N X=542747.4 E LAT.=32.805911° N LONG.=104.194206° W</p>	<p>NMLC-046250-B</p> <p>3639.7' 3646.7'</p> <p>600' 600'</p> <p>3667.6' 3664.2'</p> <p>1650'</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>C. J. Miller</i> 7/10/08 Signature Date <i>C. J. Miller, VP-Operations</i> Printed Name</p> <p>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>JUNE 23, 2008 Date Surveyed Signature & Seal of Professional Surveyor <i>Ronald J. Eidson</i> 7/3/08 08, 11, 1025 Certificate No. GARY EIDSON 12641 RONALD J. EIDSON 3239</p>
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