

DATE IN 3/04/2015	SUSPENSE	ENGINEER MAM	LOGGED IN 3/05/2015	TYPE DHC	APP NO. P44M1506428873
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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



STALEY STATE #18 -- 30-015-40027

ADMINISTRATIVE APPLICATION CHECKLIST

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

Application Acronyms:

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

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

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

Check One Only for [B] or [C]

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

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

- [D] Other: Specify _____

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☐ Does Not Apply

- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
 [B] ☐ Offset Operators, Leaseholders or Surface Owner
 [C] ☐ Application is One Which Requires Published Legal Notice
 [D] ☐ Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
 [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
 [F] ☐ Waivers are Attached

[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Mike Pippin	<i>Mike Pippin</i>	Petroleum Engineer	March 2, 2015
Print or Type Name	Signature	Title	Date
		mike@pippinllc.com	
		e-mail Address	

- DHC 4740
 - LRE OPERATIONS, LLC
 281944
 LRE
 - Staley State #18
 30-015-40027
 2015 MAR - 3 P 3:15
 RECEIVED OGD
 POU
 - Red Lake, SAN
 Andres
 51130
 - Red Lake,
 G. J. et al. - yes
 46834

LRE OPERATING, LLC
Mike Pippin
3104 N. Sullivan Avenue
Farmington, NM 87401
505-327-4573 (phone) mike@pippinllc.com

March 2, 2015

NMOCD
c/o Phil Goetze
1220 South St. Francis Drive
Santa Fe, NM 87505

RE: C-107A TO COMMINGLE TWO POOLS
STALEY STATE #18– API#: 30-015-40027
Unit Letter "H" Section 30 T17S R28E
Eddy County, New Mexico

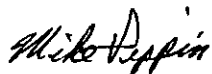
Dear Mr. Goetze,

The referenced oil well was completed on May 10, 2012 in the Red Lake Glorieta-Yeso NE (96836). The attached NOI sundry to recomplate this well to the Red Lake, San Andres (97253) has been submitted to the NM District office in Artesia. Interests in these two pools are identical, and the NM Commissioner of Public Lands has been notified.

The Yeso production test before the recompletion on 2/8/15 was 12 BOPD, 110 MCF/D, & 25 BWPD. After the recompletion to San Andres and a test of the San Andres alone, the CBP between the two pools will be removed and the two pools downhole commingled. The production allocations for each pool will then be calculated by subtracting the current (Yeso) production from the total well production after about two months of commingled production. We plan to submit these calculations and the resulting allocations to the district office.

Please contact me at 505-327-4573 should you have any questions.

Very truly yours,



Mike Pippin

Petroleum Engineer

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

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Huerfano Road, Aztec, NM 87410

District IV

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-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

STALEY STATE, #18

H SEC. 30 T17S R28E

Eddy

Lease Well No. Unit Letter-Section-Township-Range County

OGRID No. 281994 Property Code 309874 API No. 30-015-40027 Lease Type: ☐ Federal ☒ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Red Lake; San Andres		Red Lake; Glorieta-Yeso NE
Pool Code	97253		96836
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	~1750'-3078'		3295'-4660'
Method of Production (Flowing or Artificial Lift)	Pumping		Pumping
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)	741 PSI		851 PSI
Oil Gravity or Gas BTU (Degree API or Gas BTU)	34.8		38.32
Producing, Shut-In or New Zone	Proposed 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: February 8, 2015 Rates: 12 BOPD 110 MCF/D 25 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?
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?

Yes ☒ No ☐
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 Mike Pippin TITLE Petroleum Engineer - Agent DATE March 2, 2015

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

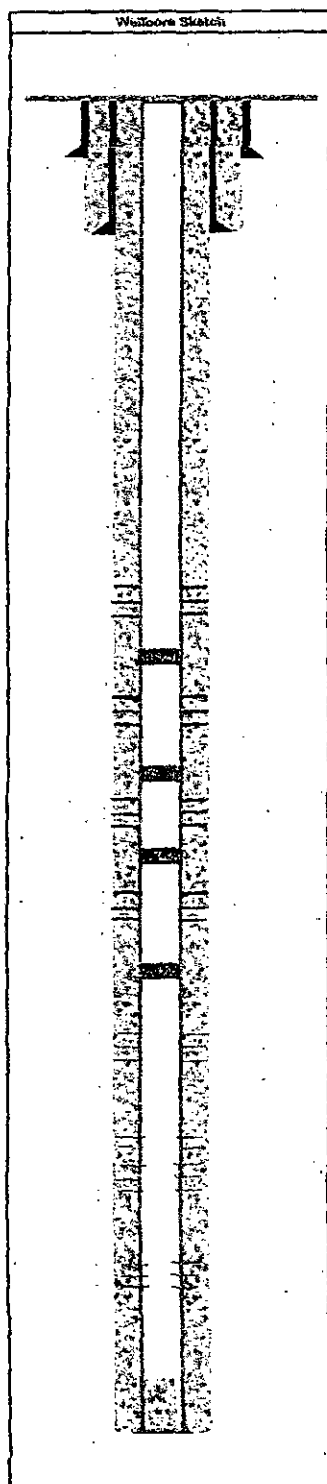
E-MAIL ADDRESS mike@pippinllc.com

	County	EDDY	Well Name	Staley State A #18	Field	Radlake Glorieta-Yeso NE	Well Sketch:	AFE R15010 LRE Operating, LLC
	Surface Lat:	32.8059004°N	BH Lat:	32.8059004°N	Survey:	S30-T17S-R28E Unit H	API #	30-015-40027
	Surface Long:	104.2069768°W	BH Long:	104.2069768°W		2310' FNL & 370' FEL	OGRID #	281954

Directional Data:		Tubular Data								Wellhead Data	
KOP	Vertical Well	Tubulars	Size	Weight	Grade	Thread	TVD	MD	TOC	Type:	
Max Dev.:		Conductor	20"	91.5#	B	Weld	40'	40'	SURF	WP:	
Dleg sev.:		Surface	8 5/8"	24#	J-55	STC	425'	425'	SURF	Tree Cap	Flange:
Dev @ Perfs		Intermediate								Thread:	
Ref to Vert:		Production	5 1/2"	17#	J-55	LTC	5,106'	5,106'	SURF		
		Liner								Tbg Hanger:	

Drilling / Completion Fluid		CEMENT DATA							
Drilling Fluid:	10.2 PPG Brine / Salt Gel	L/sks	Yd	Wt	T/sks	Yd	Wt	XS	
Drilling Fluid:		Surface	300	1.35	14.8	NA	NA	NA	87 sx
Completion Fluid:	2% KCL	Intermediate							
Completion Fluid:		Liner							
Packer Fluid:	NA	Production	330	1.8	12.8	500	1.33	14.8	83 sx

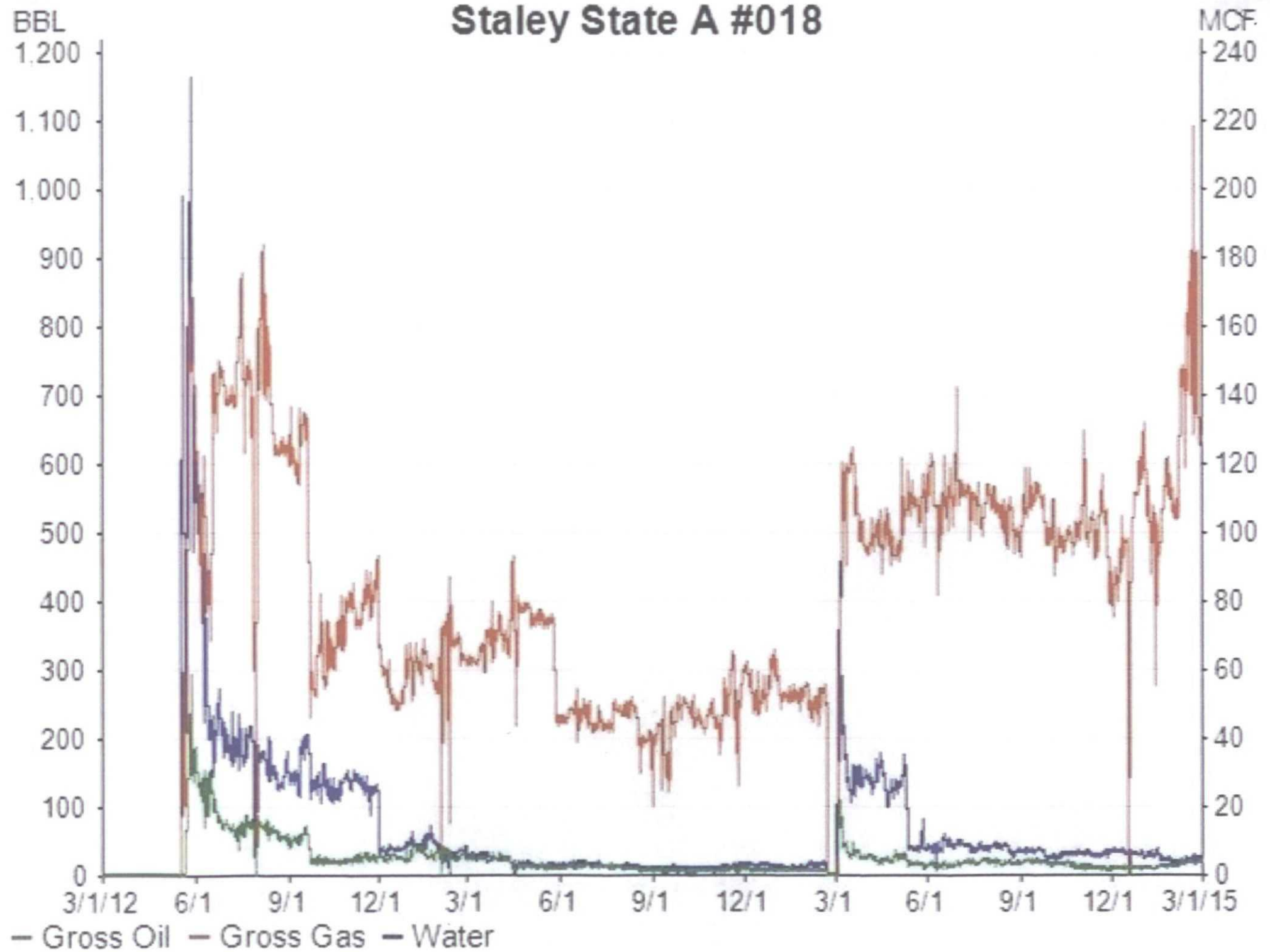
STM Flange:	
BPV Profile:	NA
Elevations:	GR - RKB = 11.8'
RKB:	3615'
GL:	3601.6'



Completion Information						DETAILS
DEPTHS (MD)	FORMATION TOPS / WELL INFO	PERFORATIONS		# of HOLES		
		from	to			
0						
40'	26" Hole				20" Conductor Pipe	
425'	12 1/4" Hole				8-5/8" Surf Csg Circ 87 sx Cmt to surf	
513'	Seven Rivers					
1,080'	Queen					
1,507'	Grayburg					
1,790'	Premier					
1,820'	San Andres					
2 7/8" tbg, TAC at 1850', SN at 3100', 4' slotted sub, 1 j MA w BP at 3135'						
61-1" KD, 59 - 7/8" KD, 4 - 1.5" lbsers, 2.5"x2"x20' RHBC- HVR Pump						
163" Stroke Length at 8 SPM						
	Stage #4 San Andres	1,750'	1,993'	32	(83' pay), 1500 g 15% HCL, 15,000# 100 Mesh	
CBP at 2060'						
	Stage #3 San Andres	2,116'	2,343'	24	87,150 # 40/70, 3350 bbls water, 80 + BPM	
CBP at 2376'						
	Stage #2 San Andres	2,408'	2,671'	27	216', 1500 g 15% HCL, 30,000 # 100 Mesh	
CBP at 2704'						
	Stage #1 San Andres	2,736'	3,076'	31	161,070 # 40/70, 6300 bbls water, 80 + BPM	
CBP at 3260'						
3,203'	Glorieta				263', 1500 g 15% HCL, 30,000 # 100 Mesh	
3,296'	Yeso				227,640 # 40/70, 7800 bbls water, 80 + BPM	
2/6/14	U. Yeso Frac	3,296'	3,541'	50	246' See Frac Design	
Yeso Stage #1 - #3 completed 5/4/12						
	Stage 3 L. Yeso Frac	3,606'	3,935'	49	329' Stg 3 - See Frac Design	
	Stage 2 L. Yeso Frac	4,003'	4,348'	64	345' Stg 2 - See Frac Design	
	Stage 1 L. Yeso Frac	4,396'	4,661'	40	263' Stg1 - See Frac Design	
4,729'	Tubb					
	PBTD				above 5-1/2" Floot Collar	
5106'	PROD CSG				5-1/2" Prod Csg. Circ 83 SX Cmt to Surf	

Comments: NM OCD CLP 0212634		Plug back Depth:		MD
		Total Well Depth:	5106'	5106' MD
		Prepared By:	Date:	
		Eric McClusky	25-Feb-15	

Staley State A #018



Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1623 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

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

WELL API NO. 30-015-40027
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name STALEY STATE
8. Well Number #18
9. OGRID Number 281994
10. Pool name or Wildcat Red Lake, Glorieta-Yeso NE (96836) Red Lake, San Andres (97253)

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator LRE OPERATING, LLC	
3. Address of Operator c/o Mike Pippin LLC, 3104 N. Sullivan, Farmington, NM 87401	
4. Well Location Unit Letter <u>H</u> : <u>2310</u> feet from the <u>North</u> line and <u>370</u> feet from the <u>East</u> line Section <u>30</u> Township <u>17-S</u> Range <u>28-E</u> NMPM <u>Eddy</u> County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3602' GL	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL. <input checked="" type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input checked="" type="checkbox"/>			
OTHER: <u>Recomplete to San Andres & DHC</u> <input checked="" type="checkbox"/>		OTHER: <input type="checkbox"/>	

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

LRE Operating, LLC would like to recomplete this Yeso oil well to the San Andres & DHC as follows: MIRUSU. TOH w/rods, pump, & tbg. Set a 5-1/2" CBP @ ~3250' & PT to ~3500 psi. (Existing Yeso perms are @ 3295'-4660'). Perf lower San Andres @ ~2736'-3078' w/~31 holes. Stimulate with ~1500 gal 15% HCL acid & frac w/~30,000# 100 mesh & ~281,190# 40/70 Ottawa sand in slick water.

Set a 5-1/2" CBP @ ~2704' & PT to ~3500 psi. Perf San Andres @ ~2408'-2671' w/~27 holes. Stimulate with ~1500 gal 15% HCL acid & frac w/~30,000# 100 mesh & ~227,640# 40/70 Ottawa sand in slick water.

Set a 5-1/2" CBP @ ~2376' & PT to ~3500 psi. Perf upper San Andres @ ~2116'-2343' w/~24 holes. Stimulate with ~1500 gal 15% HCL acid & frac w/~30,000# 100 mesh & ~161,070# 40/70 Ottawa sand in slick water.

Set a 5-1/2" CBP @ ~2060' & PT to ~3500 psi. Perf upper San Andres @ ~1750'-1993' w/~32 holes. Stimulate with ~1500 gal 15% HCL acid & frac w/~15,000# 100 mesh & ~87,150# 40/70 Ottawa sand in slick water.

CO after frac & drill out CBPs @ 2060', 2376', & 2704', & CO to CBP @ 3250'. Run 2-7/8" 6.5#J-55 production tbg & land @ ~3135'. Run pump & rods. Release workover rig. Complete as a single San Andres oil well. See the attached proposed wellbore diagram. Following a test of the San Andres alone & the approval of our DHC application in Santa Fe, the CBP @ 3250' will be removed & the well DHC.

Spud Date: 4/22/12

Drilling Rig Release Date: 4/29/12

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 2/27/15
Type or print name Mike Pippin E-mail address: mike@pippinllc.com PHONE: 505-327-4573
For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____
Conditions of Approval (if any): _____

LRE OPERATING, LLC
Mike Pippin
3104 N. Sullivan Avenue
Farmington, NM 87401
505-327-4573 (phone) mike@pippinllc.com

March 2, 2015

New Mexico Commissioner of Public Lands
Attention: Pete Martinez
310 Old Santa Fe Trail
PO Box 1148
Santa Fe, NM 87504-1148

RE: Notification of Downhole Commingling
STALEY STATE #18 – API#: 30-015-40027
Unit Letter "H" Section 30 T17S R28E
Eddy County, New Mexico

Dear Mr. Martinez:

LRE Operating, LLC would like to commingle the existing, producing Red Lake, Glorieta-Yeso NE (96836) interval with the proposed, Red Lake, San Andres (97253) interval. The designated acreage for the proposed commingle will be the southeast quarter of the northeast quarter of section 30.

This letter is to notify you that we have submitted the necessary application and supporting data to the New Mexico Oil Conservation Division. A check for \$30 is enclosed with this notification along with a copy of the State application.

Please contact me at 505-327-4573 should you have any questions.

Very truly yours,



Mike Pippin
Petroleum Engineer

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 30-015-40027		² Pool Code 97253	³ Pool Name Red Lake, San Andres
⁴ Property Code 309874	⁵ Property Name STALEY STATE		⁶ Well Number 18
⁷ OGRID No. 281994	⁸ Operator Name LRE OPERATING, LLC.		⁹ Elevation 3602' 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
H	30	17-S	28-E		2310	NORTH	370	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.

<div style="position: relative; width: 100px; height: 100px;"> <div style="position: absolute; top: 0; right: 0; transform: rotate(90deg);">2310'</div> <div style="position: absolute; bottom: 0; left: 0;">30</div> <div style="position: absolute; bottom: 0; right: 0;">370'</div> </div>	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 undivided 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.	
	Signature: <u>Mike Pippin</u> Date: <u>2/27/15</u> Printed Name: <u>Mike Pippin</u>	
	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: <u>9/1/11</u> Signature and Seal of Professional Surveyor: <u>Filmon F. Jaramillo</u> 12797 Certificate Number		

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 15, 2009

Submit one copy to appropriate
District Office

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

API Number 30-015-40027	Pool Code 96836	Pool Name Red Lake; Glorieta yeso Northeast
Property Code 309874	Property Name STALEY STATE	Well Number 18
GRID No. 281994	Operator Name LRE OPERATING, LLC	Elevation 3601.6

" Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	30	17 S	28 E		2310	NORTH	370	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.
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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.

NW CORNER SEC. 30 LAT. = 32.8121534°N LONG. = 104.2230975°W	NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1927 (NAD27), AND ARE IN DECIMAL DEGREE FORMAT.	NE CORNER SEC. 30 LAT. = 32.8122566°N LONG. = 104.2057065°W	" 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 undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well as 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. Signature: <i>Barry W. Hunt</i> Date: 2/28/12 Printed Name: Barry W. Hunt
SURFACE LOCATION 370'	STALEY STATE #18 ELEV. = 3601.6' LAT. = 32.8059004°N (NAD27) LONG. = 104.2069768°W	" 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: SEPTEMBER 1, 2011 Signature and Seal of Professional Surveyor: <i>[Signature]</i> Certificate Number: 12217 FILANION F. LARAMIE, PLS 12797 SURVEY NO. 381-R2	
SW CORNER SEC. 30 LAT. = 32.7976322°N LONG. = 104.2230120°W		SE CORNER SEC. 30 LAT. = 32.7977087°N LONG. = 104.2058501°W	