Submit 1 Copy To Appropriate District Office	State of New Me	exico		Form C-103
District I - (575) 393-6161	Energy, Minerals and Natu	ıral Resources		Revised July 18, 2013
1625 N. French Dr., Hobbs, NM 88240			WELL API NO.	
<u>District II</u> (575) 748-1283 811 S. First St., Artesia, NM 88210	OIL CONSERVATION	DIVISION	30-015-37674	
District III - (505) 334-6178	1220 South St. Fran	ncis Dr.	5. Indicate Type of I STATE	
1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> – (505) 476-3460	Santa Fe, NM 87	7505	6. State Oil & Gas L	FEE
1220 S. St. Francis Dr., Santa Fe, NM			o. State Off & Gas L	ease No.
87505 GLD TD D.Y. MOT	TOTAL AND DEPOSITE OF THE COLUMN TO	· · · · · · · · · · · · · · · · · · ·		
(DO NOT USE THIS FORM FOR PROPO	ICES AND REPORTS ON WELLS SALS TO DRILL OR TO DEEPEN OR PLI CATION FOR PERMIT" (FORM C-101) FO	UG BACK TO A	7. Lease Name or Un Staley State	nit Agreement Name
1. Type of Well: Oil Well	Gas Well  Other		8. Well Number 14	1
2. Name of Operator		<del></del>	9. OGRID Number	,
VANGUARD OPERATING, LLC			258350	
3. Address of Operator			10. Pool name or Wi	
5847 SAN FELIPE, STE. 3000, H	DUSTON, TEXAS, 77057		Red Lake; Glorieta-Y	'eso NE (96836)
			Red Lake; San Andres (97	253)
4. Well Location				
	2,310feet from theNORT	'H line and99	0feet from theE	ASTline
Section 30	Township 17S	Range 28E	NMPM	County EDDY
	11. Elevation (Show whether DR,	RKB, RT, GR, etc.)		
· 中国中国 西西南南西西南南南南南南南南南南南南南南南南南南南南南南南南南南南南	3,588' GL		The state of the s	nan kuna <del>ya</del> nni kan dan
	Appropriate Box to Indicate N		•	
NOTICE OF IN			SEQUENT REPO	RT OF:
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORI	_	TERING CASING 🔲
TEMPORARILY ABANDON	CHANGE PLANS	COMMENCE DRI	<del></del>	AND A
PULL OR ALTER CASING	MULTIPLE COMPL	CASING/CEMENT	JOB 🗌	
DOWNHOLE COMMINGLE				
CLOSED-LOOP SYSTEM				_
OTHER: DHC for pre-approved p	loted expections. (Clearly state all w	OTHER:	1 . 1	
of starting any proposed wo proposed completion or rec	leted operations. (Clearly state all pork). SEE RULE 19.15.7.14 NMAC ompletion.	E. For Multiple Con	ngive pertinent dates, in pletions: Attach wellt	oore diagram of
Vanguard Operating, LLC plans to d	ownhole commingle (DHC) this Sa	n Andres oil well as	s follows:	
1. MIRUSU.				
	tbg and DO CBP @ 3,202'. CO to	original PBTD (4.7	88').	
3. Run production tbg and land	d @ ~4,700' and run pump and rods	;,	/-	
4. Produce well as a DHC wel	1.			
	DHC-4727			
This work was previously submitted	under the prior operator (LRE Oper	ating) on an approv	ed sundry dated 03/23/	2015 and the well has
an approved DHC order in place—D	HC-4P727. The San Andres perfora	tions are 1,972-3,02	24' and the Yeso perfs	are 3,314-4,650'. The
pool allocations will be determined u	sing a former test of the Yeso, the c	current test of the Sa	in Andres and a test of	the new commingled
production, and will be submitted on efficiency and the ownership in these	two pools is identical	miningling increase	s total remaining reserv	es through production
ornered and the ownership in these	two pools is identical.			
06/10/6313	<del></del>		MK	OIL CONSERVATION
Spud Date: 06/19/2010	Rig Release Da	te:	1000	ARTESIA DISTRICT
		L		
				DEC 06 2018
I hereby certify that the information a	shove is true and complete to the be	st of my knowledge	and halief	·
	=	st of my knowledge	and benef.	הכתבווובה
MIIX	11,			RECEIVED
SIGNATURE / / / / / / / / / / / / / / / / / / /	TITLE Oper	rations Engineer	DATE 12/06	/2018
<del></del>				
Type or print name yle Zimmer	mann E-mail address:kz	zimmerman@vnren	ergy.com PHONE:	432-202-0145
For State Use Only	$\sqrt{a}$			
K 1	$\mathcal{S}(a, a)$ $\mathcal{K}_{a, a}$		Sma 1	12 11 201
APPROVED BY: 7 Justin 1	TITLE DU	uresa yas	JULY DATE	12-11-2018
Conditions of Approval (if any).	/	•	•	

DISTRICT I 1625 N. FRENCH DR., HOBBS, NM 88240 State of New Mexico
Energy, Minerals and Natural Resources Department

DEC 0 6 2018

Form C-102

DISTRICT II 1301 W. GRAND AVENUE, ARTESIA, NM 88210

## OIL CONSERVATION DIVISION Sabar 11005 GOVERNO DIVISION

S.D. Revised October 12, 2005 Submit to Appropriate District Office State Lease - 4 Comies

DISTRICT III 1000 RIO BRAZOS RD., AZTEC, NM 87410 11885 SOUTH ST. FRANCIS DR. Santa Fe, New Mexico 87505

State Lease - 4 Copies For Lease - 3 Copies

DISTRICT IV

## WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

9. 91' LKVUCT9 DV" 9VIJ I V LE' LIW 91363				
API Number	Pool Code	Pool Name		
30.015-37674	96836	Red Lake; GL, Yeso, NE	so, NE	
Property Code	Property N	une T	Well Number	
305451	STALEY S	TATE	14	
OCRID No.	Operator Name			
255333	LIME ROCK RES	OURCES A, L.P.	3588'	

## Surface Location

į	UL or lot No.	Section	Township	Range	Lot fdn	Feet from the	North/South line	Feet from the	East/West line	County	l
	Н	30	17-S	28-E		2310	NORTH	990	EAST	EDDY	

## Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Ido	Feet from the	North/South line	Peet from the	East/West line	County
ļ									
Dodicated Acres	Joint or In	EU Co	reolidation Code	Ord	ler No.				<b>1</b>
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

	OR A NON-STANDARD UNIT HAS	BEEN AFFROVED BY THE DI	A121O14
LOT 1	GEODETIC COORDINATES NAD 27 NME	20. 23. 23. 23. 23. 24. 25. 25. 25. 25. 25. 25. 25. 25. 25. 25	OPERATOR CERTIFICATION  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
LOT 3	SURFACE LOCATION  Y=656928.9 N X=538183.1 E  LAT.=32.805925 N LONG.=104.209061 W	- *************************************	SURVEYOR CERTIFICATION  I bereby 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.
LOT 4			FEBRUARY 2: 2010 Company of G. E/D Company of G.

District 1
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 Resource Engineer
OIL CONSERVATION
1220 South St. Francis Lar.
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 LO			N AND ACR	(EAC	E DEDIC	CATI				
	API Number			<sup>2</sup> Pool		·	' Pool Name Red Lake, San Andres						
	·015-376′	74		912	253	5 Property	21		Kea	Lake, 58	n Andres		Well Number
<sup>4</sup> Property ( 30987						STALEY S		G.			İ	'	Well Number
OGRID!						Operator							* Elevation
28199					I	LRE OPERAT		LLC.				ľ	3588' GL
	<u>`</u>	<u></u>	10 Surface Location										
UL or lot no.	Section	Township	Range	Lo	t Idn	Feet from the		th/South line	Feet	from the	East/W	est line	County
н	30	17-S	28-E			2310	۱ ۱	NORTH		990	EA	ST	EDDY
	l		11 Be	ottom	Но	le Location I	f Dif	ferent From	m Su	rface			<u></u>
UL or lot no.	Section	Township			t Ido	Feet from the		th/South line		from the	East/W	est line	County
<sup>13</sup> Dedicated Acres 40 No allowable validities			Consolidation this comple			ll interests have	been	consolidated	or a n	on-standa	urd unit ha	s been at	pproved by the
				-30 -			2310*	9903		to the best of owns a work! the preposed location purs travers, or to order heretof.  Signature  Mike Pipi Printed Name	my branelodge as any interest ar un buttom hole took want to a control a voluntary puo ore entered by the state of the sta	net bellef, and i deaned mineral adion or has a r ct with an owne ding agreemen. ar division.	ed herein is true and computen this organization eithuli interest in the land including in the land including in the land in this well at this or of such a mineral or wor tor a compulsory pooling 12/24/14  Date
			<del></del>							I hereby of plat was properties of sure is true.  Date of Sur	verify that the object of the or under or under one and corn over one of the object of	he well locd field notes my supervi ect to the b	TIFICATION ation shown on this of actual surveys ision, and that the test of my belief.
										12641 Certificate N	Jumber		

STALEY STATE #014		GR	3588
2,310' FNL & 990' FEL		SPUDDED	6/19/2010
H-30-17\$-28E		COMPLETED	7/26/2010 ORIGINAL YESO COMPLETION
EDDY COUNTY, NEW MEX	rico		1/26/2015 SAN ANDRES RECOMPLETION
RED LAKE, GLORIETA-YE RED LAKE, SAN ANDRES	SO, NE	LAT	32.8060036
30-015-37674		LONG	-104,2095947
12-1/4" HOLE 8-5/8" 24# J-55 CMT W/ 375 SX. CIRC.	CURRENT	YESO IP: 44 BO	OPS PER C-10S 1053 1476 1788 3180 3299 4708  DHC'D AS PER DHC-4727 PD, 90 MCFPD, 111 BWPD P: 75 BOPD, 200 MCFPD, 200 BWPD
7-7/8" HOLE		MIDDLE SAN ANDRES PERFS: 2, -ACIDIZE W/ 2,003 7,5% -FRAC W/ 31,649# 100 MESH & 25 LOWER SAN ANDRES PERFS: 2,7 -ACIDIZE W/ 1,541 GALS 7,5%	5,010# 40/70 WISCONSIN SAND IN SW 158-2,662' (30 HOLES) 6,650# 40/70 WISCONSIN SAND IN SW
	<u> </u>	UPPER YESO PERFS: 3,567-3,857' -ACIDIZE W 3,500 GALS 15% NEI-FRAC W/94,410# 16/30 & 44,198# MIDDLE YESO PERFS: 3,896-4,22! -ACIDIZE W/3,500 GALS 15% NEI-FRAC W/101,808# 16/30 & 49,238 LOWER YESO PERFS: 4,278-4,650 -ACIDIZE W/3,500 GALS 15% NEI	EE 16/30 SUPER LC SAND IN 20# XL GEL (5/2 HOLES) 16/30 SUPER LC SAND IN 20# XL GEL (5/48 HOLES) 16/30 SUPER LC SAND IN 20# XL GEL (5/48 HOLES) 16/30 SUPER LC SAND IN 20# XL GEL (5/48 HOLES)
5-1/2* 17# J-55 CMT W/ 1,100 SX. CIRC.		4,829'	
	PBTD: 4,788' TD: 4,845'	KDZ 12-06-2018	

| DEVIATION SURVEY DATA | MD (ft) | Inclination (deg) | 440 | 0.5 | 946 | 0.25 | 1446 | 0.25 | 1925 | 0.5 | 2431 | 0.75 | 2869 | 0.75 | 3374 | 1 | 4231 | 1.25 | 4737 | 1.75 | 4831 | 1.5 |

. . . . .

LEASE/WELL: LOCATION

CO/ST: FIELD: API NO.

LEASE/WELL:	STALEY STATE #014		GR	3588	DEVIATION MD (8)	SURVEY DATA Inclination (dee)
LOCATION	2,310' FNL & 990' FEL H-30-17S-28E		SPUDDED	6/19/2010	440 946	0.5 0.25
CO/ST:	EDDY COUNTY, NEW MEXIC	со	COMPLETED	7/26/2010 ORIGINAL YESO COMPLETION 1/26/2015 SAN ANDRES RECOMPLETION	1446 1925 2431	0,25 0.5 0.75
FIELD:	RED LAKE, GLORIETA-YESO RED LAKE, SAN ANDRES	), NE	LAT	32,8060036	2869 3374	0.75 1
API NO.	30-015-37674		LONG	-104.2095947	4231 4737 4831	1.25 1.75
	12-1/4" HOLE  8-5/8" 24# 1-55 CMT W/ 375 SX. CIRC.		YESO IP. 44 BOP SAN ANDRES IP.  IPPER SAN ANDRES PERFS: 1,972 ACIDIZE W/ 2,047 GALS 7.5% FRAC W/ 29,406# 100 MESH & 205, ACIDIZE W/ 2,003 7.5% FRAC W/ 31,649# 100 MESH & 256, OWER SAN ANDRES PERFS: 2,73 ACIDIZE W/ 1,341 GALS 7.5% FRAC W/ 32,537# 100 MESH & 262, IPPER YESO PERFS: 3,314-3,503' (4 ACIDIZE W/ 6,594 GALS 15% NEFF FRAC W/ 85,937# 16/30 & 33,258# 1  IPPER YESO PERFS: 3,567-3,857 (5 ACIDIZE W/ 3,500 GALS 15% NEFF FRAC W/ 94,410# 16/30 & 44,198# 1  MIDDLE YESO PERFS: 3,896-4,228* ACIDIZE W/ 3,500 GALS 15% NEFF FRAC W/ 94,410# 16/30 & 44,198# 1	1053 1476 1788 3180 3299 4708  HC'D AS PER DHC-4727 D, 90 MCFPD, 111 BWPD 75 BOPD, 200 MCFPD, 200 BWPD 75 BOPD, 200 MCFPD, 200 BWPD  -2,240' (30 HOLES) 650# 40/70 WISCONSIN SAND IN SW 68-2,662' (30 HOLES) 923# 40/70 WISCONSIN SAND IN SW 68 HOLES) 630 SUPER LC SAND IN 20# XL GEL 12 HOLES) 640 SUPER LC SAND IN 20# XL GEL (48 HOLES)	4831	1.5
	5-1/2~ 17# J-35	-A	OWER YESO PERFS: 4,278-4,650° ( ACIDIZE W. 3,500 GALS 15% NEFF FRAC W/ 112,336# 16/30 & 49,864#			
	CMT W/ 1,100 SX. CIRC.	PBTD: 4,788' TD: 4,845'	KDZ 12-06-2018			

. .