

RECEIVED

District I
1825 N. French Dr. Hobbs, NM 88240

District II
811 South First, Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec NM 87410

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

DEC 06 2018

Form C-102
Revised March 17, 1999
Submit to Appropriate District Office
State Lease - 4 Copies
ARTESIA O.C.D. Fee Lease - 3 Copies

OIL CONSERVATION DISTRICT

2040 South Pacheco
Santa Fe, N M 87505

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 51300	Red Lake, ON-GB-SA 61-Yeso NE	Pool Name
Property Code 26503	Staley State	Property Name	Well Number 4
OGRID No. 020451	SDX RESOURCES, INC.	Operation Name	Elevation 3625

Surface Location

UL or Lot No.	Section	Township	Range	Lot Idn.	Feet from the	North/South line	Feet from the	East/West line	County
N	30	17-S	28-E		990	SOUTH	1980	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 40	Joint or Infill	Consolidation Code	Order No.						

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

	OPERATOR CERTIFICATION	
	I HEREBY CERTIFY THAT THE INFORMATION HEREIN IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.	
	Signature	<i>Bonnie Atwater</i>
	Printed Name	Bonnie Atwater
Title		Regulatory Tech
Date		4/21/05
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 KNOWLEDGE AND BELIEF.		
Date of Survey		JULY 21, 2000
Signature and Seal of Registered Surveyor		<i>DAN R. REDDY</i>

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
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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-36252		² Pool Code 96836		³ Pool Name Red Lake, Glorieta-Yeso NE	
⁴ Property Code 309874		⁵ Property Name STALEY STATE			⁶ Well Number 4
⁷ OGRID No. 281994		⁸ Operator Name LRE OPERATING, LLC.			⁹ Elevation 3625' 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
N	30	17-S	28-E		990	SOUTH	1980	WEST	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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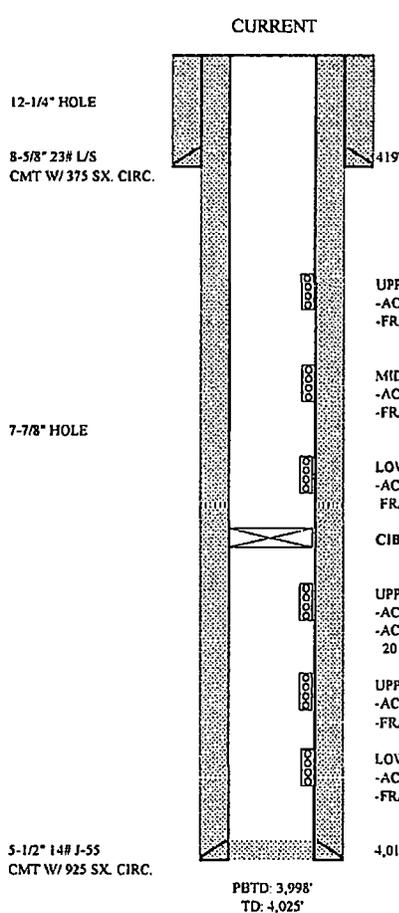
No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<p>30</p>	¹⁷ OPERATOR CERTIFICATION	
	<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 <i>Mike Pippin</i></p>	<p>Date 2/11/15</p>
	<p>Printed Name <u>Mike Pippin</u></p>	
¹⁸ SURVEYOR CERTIFICATION		
<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>Date of Survey 4/21/05</p>		
<p>Signature and Seal of Professional Surveyor: Dan R. Reddy</p>		
<p>5412</p>		
<p>Certificate Number</p>		

LEASE/WELL: STALEY STATE #004
 LOCATION 990' FSL & 1,980' FWL
 N-30-17S-28E
 CO/ST: EDDY COUNTY, NEW MEXICO
 FIELD: RED LAKE, GLORIETA- YESO NE
 RED LAKE, QUEEN-GRAYBURG-SAN ANDRES
 API NO. 30-015-36252

GR 3625
 SPUDDED 6/23/2008
 COMPLETED 9/20/2008 ORIGINAL YESO
 6/16/2009 LOWER YESO PAY-ADD
 12/5/2011 UPPER YESO PAY-ADD
 4/9/2015 SAN ANDRES WORKOVER
 LAT 32.8004913
 LONG -104.2072012

INCLINATION SURVEY DATA		
MD (ft)	Inclination (deg)	
412	0.75	
993	1	
1495	0.75	
1999	0.5	
2533	0.25	
3005	0.5	
3509	0.75	
4012	0.5	



FORMATION TOPS PER C-105
 QUEEN 1,046'
 GRAYBURG 1,470'
 SAN ANDRES 1,777'
 GLORIETA 3,165'
 YESO 3,272'
 CAN BE DIC AS PER ART-4609-V
 ORIGINAL YESO IP: 15 BOPD, 27 MCFPD, 262 BWPD
 AFTER PAY-ADD IP: 14 BOPD, 22 MCFPD, 234 BWPD
 SAN ANDRES IP: 25 BOPD, 35 MCFPD, 320 BWPD

UPPER SAN ANDRES PERFS: 1,728-2,222' (30 HOLES)
 -ACIDIZE W/ 1,500 GALS 15% NEFE
 -FRAC W/ 30,318# 100 MESH & 253,091# 40/70 ARIZONA SAND IN S/W
 MIDDLE SAN ANDRES PERFS: 2,330-2,650' (33 HOLES)
 -ACIDIZE W/ 1,500 GALS 15% NEFE
 -FRAC W/ 31,000# 100 MESH & 281,693# 40/70 ARIZONA SAND IN S/W
 LOWER SAN ANDRES PERFS: 2,750-3,052' (30 HOLES)
 -ACIDIZE W/ 1,500 GALS 15% NEFE
 FRAC W/ 30,381# 100 MESH & 253,091# 40/70 ARIZONA SAND IN S/W
 CIBP @ 3,150'
 UPPER YESO PERFS 3,308'-3,498' (38 HOLES)
 -ACIDIZE W/ 3,500 GALS 15% NEFE
 -ACID FRAC W/ 20,000 GALS 20% HCL, 30,000 GALS 40# LINEAR GEL,
 20 PERF BALLS & 3,000 GALS 15% HCL
 UPPER YESO PAY-ADD PERFS 3,210-3,628' (30 HOLES)
 -ACIDIZE W/ 2,730 GALS 7.5% HCL
 -FRAC W/ 155,406# 16/30 & 23,722# 16/30 SIBER PROP SAND IN 25# XL GEL
 LOWER YESO PAY-ADD PERFS 3,671'-3,994' (63 HOLES)
 -ACIDIZE W/ 3,404 GALS 15% NEFE
 -FRAC W/ 164,983# 16/30 SAND IN XL GEL

PBTD: 3,998'
 TD: 4,025'
 KDZ 01/26/2016

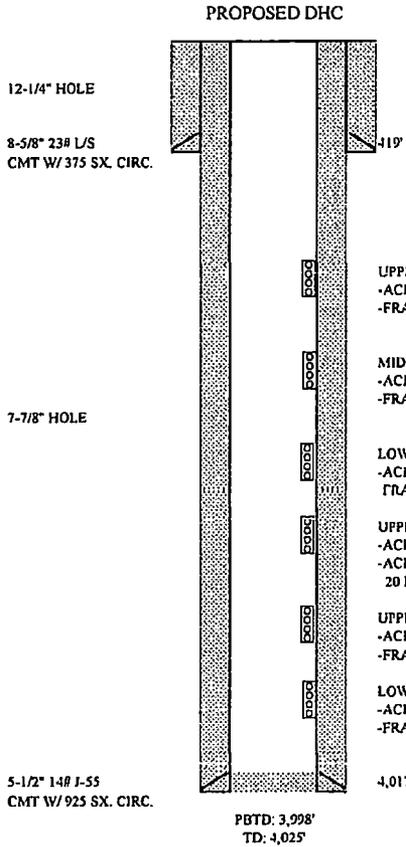
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