Form 3160-5 1 (November 1994)

UNITED STATES

DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

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

Lease Serial No.

OCD Artesia

SUNDRY	NOTICES AND REPORTS	ON WELLS	NIVINIVI-048344
Do not use this	form for proposals to o	drill or reenter an	6. If Indian, Allottee or Tribe Name
abandoned well.	Use Form 3160-3 (APD) for	or such proposals.	
			7. If Unit or CA/Agreement, Name and/or No.
SUBMIT IN TRIPL	ICATE – Other instruct	tions on reverse side	
Type of Well		· · · · · · · · · · · · · · · · · · ·	
Oil Well Gas Well	Other		8. Well Name and No.
2. Name of Operator			WILLIAMS A FEDERAL #3
LRE OPERATING, LLC			3
3a. Address C/o Mike Pippin L	LC 3	b. Phone No. (include area code)	30-015-34614
3104 N. Sullivan, Farmingto	on, NM 87401	505-327-4573	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec.,	T., R., M., or Survey Description		Artesia, Glorieta-Yeso (96830)
		RECEIVED	Red Lake, Queen-Grayburg-San Andres (51300
1400' FSL & 1150' FWL Uni	t L	1011 0 0 201/	AND
Sec. 29, T17S, R28E		JAN 2 9 2014	Eddy County, New Mexico
		WATESIA	
12. CHECK APPROPRIATE BOX	X(ES) TO INDICATE NATIO	REOFNOTICE, REPORT, OR	OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	g fe _r	
Notice of Intent	Acidize [Deepen Produc	tion (Start/Resume) Water Shut-Off
	Alter Casing	Fracture Treat Reclam	
Subsequent Report	Casing Repair	New Construction Recom	
C First Abandanment Nation	Change Plans		rarily Abandon
Final Abandonment Notice	Convert to Injection		Disposal
If the proposal is to deepen directionally	y or recomplete horizontally, give sub- will be performed or provide the Bor- perations. If the operation results in a pandonment Notices shall be filed only	surface locations and measured and true v	proposed work and approximate duration thereof, critical depths of all pertinent markers and zones, subsequent reports shall be fligd within 30 days new interval, a Form 3160-4 Arc to flight process of the pertagon has
			NIVIOCD
· ·	• •		SI) Artesia, Glorieta-Yeso (96830) and
			vell was originally completed in the Yeso 've common ownership (Category #1), &
			ible. Downhole commingling will improve
	•		productivity. Notice has been filed
concurrently on form C-107/			•
		293' which is set above the	Yeso perfs. LRE is requesting approval
			allocation was calculated using the Yeso
			the San Andres test on 5/18/13 after the
			% & gas - 92% with the lower zone, oil -
7% & gas - 8%. See the att	ached C-107A, WBD & o	other supporting data, which	h has been filed with the State.
14. I hereby certify that the foregoing	g is true and correct	1 Tiele	
Name (Printed/Typed) Mike	Pippin *	Title	leum Engineer (Agent)
Signature	7 D .	Date	
Mil	Everfier		August 6, 2013
	THIS SPACE	FOR FEDERAL OR STATE USI	
Approved by		Title	Date 7 2018

Office

which would entitle the applicant to conduct operations thereon.

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 Christophan as to any matter within its jurisdiction.

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.

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

District III 1000 Rio Brazos Road, Actor, NM 87410

District IV

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

APPLICATION TYPE X Single Well
Establish Pre-Approved Pools
EXISTING WELLBORE

E-MAIL ADDRESS mike@pippinllc.com

APPLICATION FOR DOWNHOLE COMMINGLING

3 1	MO	WELLDU
x	Yes	No

720 S. St. Francis Dr., Santa Fe, NNI 87505		NOAN S Pierr Project NR 07401						
LRE OPERATING, LLC Operator		3104 N. Sullivan, Farmington, NM 87401 dress						
WILLIAMS A FEDERAL #3 Lease	L SEC, 29 7 Well No. Unit Letter	F17S R28E -Section-Township-Range	<u>Eddy</u> County					
OGRID No. 281994 Property Cod	e_309877 API No30-015	-34614 Lease Type: X Federal	StateFee					
DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE					
Pool Name	RED LAKE; -Queen- Grayburg-San Andres		ARTESIA: Glorieta-Yeso					
Pool Code	51300		96830 3330'-3498'					
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)								
Method of Production (Flowing or Artificial Lift)	Pumping		Plan to Pump					
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)	690 psi		851 psi					
Oil Gravity or Gas BTU (Degree API or Gas BTU)	34.8		38.32					
Producing, Shut-In or New Zone	Producing		SI Below CBP					
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to ettach production estimates and supporting data.)	e and Oil/Gas/Water Rates of Production. For new zones with no production history, no shall be required to strach production RATES: 96 BOPD							
Fixed Allocation Percentage (Note: If allocation is based upon something other	Oil Gas	Oil Gas	Oil Gas					
than current or past production, supporting data or explanation will be required.)	93% 92%	% %	7% 8%					
tre all working, royalty and overriding f not, have all working, royalty and ow tre all produced fluids from all commit commingling decrease the value of this well is on, or communitized with the United States Bureau of Land Ma	royalty interests identical in all co erriding royalty interest owners be ngled zones compatible with each f production? , state or federal lands, has either t	en notified by certified mail? other? he Commissioner of Public Lands	Yes X No Yes No No Yes X No Yes No X					
MOCD Reference Case No. applicabl ttachments: C-102 for each zone to be comming Production curve for each zone for For zones with no production histor Data to support allocation method conditional statements, data or continuous control of the co	ded showing its spacing unit and a at least one year. (If not available, y, estimated production rates and so or formula.	creage dedication. attach explanation.) supporting data. or uncommon interest cases.						
ist of other orders approving downhol- ist of all operators within the proposed troof that all operators within the propo- tottomhole pressure data.	to establish Pre-Approved Pools, t e commingling within the proposed I Pre-Approved Pools osed Pre-Approved Pools were pro	vided notice of this application.						
hereby certify that the information	above is true and complete to	the best of my knowledge and belie	ef.					
IGNATURE MAN	a tappin TITLE	Petroleum Engineer - Agent DA	TEAugust 6, 2013					
YPE OR PRINT NAME M	like Pippin	TELEPHONE NO. (50	05) 327-4573					

LRE OPERATING, LLC WILLIAMS A FEDERAL #3

Artesia; Glorieta-Yeso & Red Lake, Queen-Grayburg-San Andres
L Section 29 T17S R28E
8/6/2013
API#: 30-015-34614

Commingle Allocation Calculations

On 6/7/06, the Yeso (lower zone) was completed as a new well. On 5/8/13, the well was recompleted into the San Andres (upper zone) with the lower zone shutin below a CBP. The Yeso production test on 3/16/13 before the recompletion was 7 BOPD & 26 MCF/D. The latest test on the San Andres alone after the recompletion was on 5/18/13 for 96 BOPD & 311 MCF/D.

	Upper		Lower	
	Zone (SA)	+	Zone (YESO)	Total
Total Oil (bbls/d)	96	+	7 =	103
Total Gas (mcf/d)	311	+	26 =	337

<u>OIL</u>

Upper Zone (SA) = 15 BOPD
Total oil = 19 BOPD
% Upper Zone = 96 = 93%
103

% Lower Zone =
$$\frac{7}{103}$$
 = $\frac{7\%}{103}$

<u>GAS</u>

% Lower Zone =
$$\frac{26}{337}$$
 = $\frac{8\%}{337}$

WILLIAMS A FEDERAL #3

Current 8/6/13

Artesia; Glorieta-Yeso

Red Lake; Queen-Grayburg-San Andres

API#: 30-015-34614

(L) Section 29, T-17-S, R-28-E, Eddy County, NM

Spud: 4/5/06

12-1/4" hole

Yeso Completed: 6/7/06

San Andres Completed: 6/8/13

Yates @ 600'

7 Rivers @ 900'

Queen @ 1080'

Grayburg @ 1588'

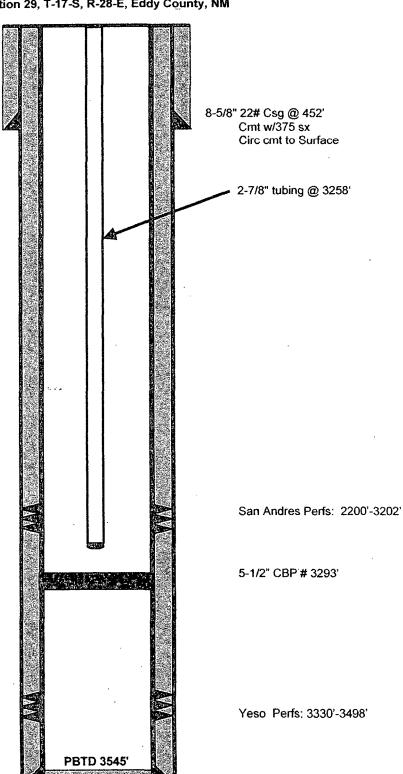
San Andres @ 1848'

Glorieta @ 3240'

Yeso @ 3330'

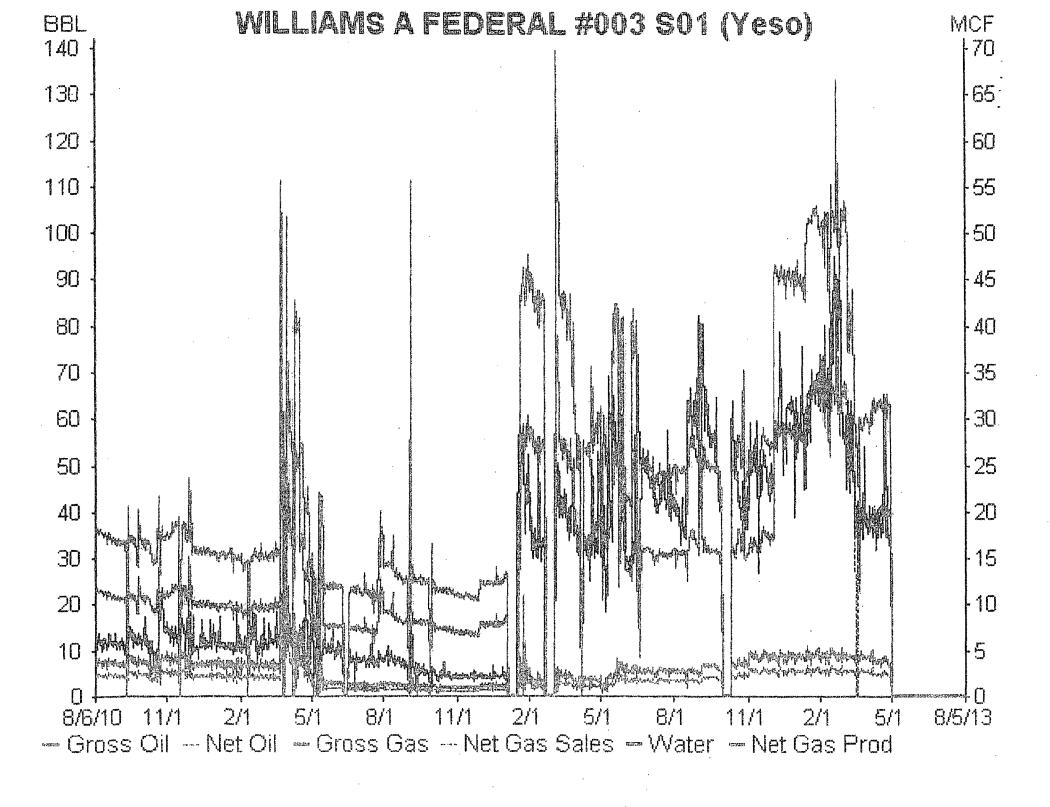
7-7/8" hole

TD 3550'



5-1/2" 14# Csg @ 3547' Cmt with 775 sx

Circ cmt to Surface



District 1 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Crand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV

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

1220 S. St. Francis	Dr., Santa l	Fe, NM 875	05	•					AMEN	DED REPORT	
			WELL LO	CATI	ON AND AC	CREAGE DEDIC	CATION PI	AT			
1	API Numbe	r		2 Poul C			3 Pool				
30-015-34614					0	Red La	ake; Queen-Gi	rayburg-San A	Andres	•	
4 Property					⁵ Proper				é Wel	ll Number	
30987					WILLIAMS,					3	
7OGRID	į.				8 Operat			Elevation		1	
28199	4				LRE OPERA				3653' GL		
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L	29	17-S	1	<u> </u>	1400	1	1150	WEST		EDDY	
			11 Bo	ottom I	Iole Location	If Different Fro	m Surface				
UL or lot no.	Section	Township	Range	Lot	du Feet from the	North/South line	Feet from the	Enst/West	line	County	
		<u> </u>					<u> </u>				
12 Dedicated Acre	s ¹³ Joint o	r Infill	14 Consolidation	Code 15	Order No.						
40											
No allowable	will be ass	signed to	this complete	ion unti	l all interests hav	e been consolidated	l or a non-stan	dard unit has b	ееп аррг	roved by the	
division.							<u> </u>				
					•		- 1	OPERATOR		FICATION erein is true cord complexe	
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							6	to the best of my knowledge and belief, and that this organization either twens a working interest or unleased mineral interest in the land including			
. •		ļ					the propos	the proposed bottom hole location or has a right to drill this well at this			
							α -		-	í such a mineral or workin	
		j					13.	io a voluntary pooling	41	a compulsory pooling	
							order nere	usfore enured by the di	ý	1/13	
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					•		Signature			Date	
	•				•		Mike P	ippin	•		
							Printed N				
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				29 -			¹⁸ SU	RVEYOR (CERTI	FICATION	
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							D	y me or under my		-	
							. 8	true and correct	-		
1150'				1			5/17/05			· ·	
1100	O						Date of	Survey			
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[1			1		}	Certifica	te Number			

District | 1625 N. Franch Dr. Hobbs, NN 88240 State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised June 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

District II 1301 W. Grand Avenue, Arbeita, NM 88210 District III 1000 Ro. Storico Rd., Arbei NM 87410

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

MAMENDED REPORT

District IV 1220 S. St. Francis Dr., Sonto Fe, NN 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

				 									
Property Raine 26370 WILLIAMS A FEDERAL 3 CORD No. OPERATION NAME SDX RESOURCES, INC. SOUTH 1150 Bottom Hole Location If Different From Surface L 29 17-S 28-E Bottom Hole Location If Different From Surface L or Lot No. Section Township Range Lat Idn. Fast from the North/South time Fast from the East/west lime County Bottom Hole Location If Different From Surface L or Lot No. Section Township Range Lat Ish. Bottom Hole Location If Different From Surface L or Lot No. Section Township Range Lat Ish. Fast from the North/South time Fast from the East/west lime County Deficited Acree Joint or Infill Consolidation Code Order No. 40 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 INTEREST CENTER THE INTERIOR COMPLETION OPERATOR CONTROLLED TO THE COMPLETE CONTROLLED TO THE ADVANCES AND TRUE AND CONTROLLED TO THE ADVANCES AND TRUE AND CONTROLLED TO THE CONTROLLED TO THE ADVANCES AND TRUE AND CONTROLLED TO THE ADVANCES AND TRUE ADV	API	Number		0	T. S.	50	n-3	T -1-	0-7		~ ·		į
26370 OORID No. Operation Name OPERAL	Property Cod	le	Υ		100		Property No	me	<u> </u>	123/21	O TOP 18	14 CAP SC	umber
ORDER No. O20451 SDX RESOURCES, INC. SUFface Location A or Lot No. Section Township Range Lot No. Bottom Hole Location If Different From Surface A or Lot No. Section Township Range Lot No. Bottom Hole Location If Different From Surface A or Lot No. Section Township Range Lot No. Peet from the North/South time Fact from the Court/Need to County Dedicated Acres Joint or Infill Consolidation Code Order No. 40 NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTEREST HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIMISION OPERATOR CERTIFICATION INTEREST CHEMICAL AND SUPERIOR AND SUPERIOR OF AN ADVISIONAL AND FIREITY THAT THE MENTAL LOCATION OF AN ADVISIONAL AND FIREITY THAT THE MENTAL LOCATION OF AN ADVISIONAL AND THE LOCATION OF AN ADVISOR OF AN ADVISIONAL AND THE LOCATION OF AN ADVISOR OF AN ADVISIONAL AND THE LOCATION OF AN ADVISO													
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