Submit 1 0 Office	Copy To Appropriate District	<b>*</b>	State of New				Form C-103 Revised August 1, 2011
	- (575) 393-6161	Energy,	Minerals and I	Natura	Resources	WELL AP	
	1625 N French Dr., Hobbs, NM 88240 <u>District II</u> = (575) 748-1283  OH. CONSERVATION DIVISION						883
	OIL CONSERVATION DIVISION  Ostrict III – (505) 334-6178  OIL CONSERVATION DIVISION  1220 South St. Francis Dr.						e Type of Lease
	1 – (303) 334-61 /8 Brazos Rd., Aztec, NM 87410	1.					ATE FEE X
	7 – (505) 476-3460 L. Francis Dr., Santa Fe, NM		Santa Fe, NN	VI 8/5	05	6. State O	il & Gas Lease No.
87505	Trancis Dr., Santa Fe, NW						
	SUNDRY NOTI USE THIS FORM FOR PROPO NT RESERVOIR USE "APPLIC	SALS TO DRILL	OR TO DEEPEN O	R PLUG		7. Lease N Rita Com	Name or Unit Agreement Name
PROPOSA 1. Type	•	Gas Well 🔲	Other			8. Well N	umber 2
	e of Operator					9. OGRIE	) Number
	perating, LLC					289408	
	ess of Operator	otom NIM 974	101			1	ame or Wildcat
	Butler, Bldg 7101 Farmin Location	gion, Nivi 874	+U1 			Counselor	s Gallup-Dakota - 13379
4. Well	Unit Letter O :	980 fe	et from the So	uth	line and	1820	feet from the East line
	Section 5 Towns		Range 6V		NMPM	1020	County Rio Arriba
	Section 5 Towns				KB, RT, GR, etc.)		The state of the s
f	A STATE OF THE STA	6773' GL					
	10 (1 1 4		D ( T 1' )	NT 4	CNI	D 4	0.1 . D .
	12. Check A	Appropriate	Box to Indicat	te Nati	ure of Notice,	Report or	Other Data
	NOTICE OF IN	TENTION	TO:		SUB:	SEQUEN	T REPORT OF:
PERFOR	RM REMEDIAL WORK 🗌	PLUG AND			REMEDIAL WORI		☐ ALTERING CASING ☐
	RARILY ABANDON	CHANGE P			COMMENCE DRI		S. P AND A
	R ALTER CASING	MULTIPLE (	COMPL	C	CASING/CEMENT	r Job	
DOWNH	OLE COMMINGLE						
OTHER:	Recomplete to Mesa Ve	rde formation.	X	0	OTHER:		
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.							
or break	lown during this job. Th	e Mesa Verd	e formation wil				rill be no fracture stimulation with the existing Counselors
	Pakota formation. Estima	ated start date	e 9/18/2012.				RCVD SEP 17'12
Proposed							OIL CONS. DIV.
	MIRU workover unit ΓΟΟΗ with rods and tub	ina					CECT, 3
		_	the Mesa Verde	- with	3 SPF from 350	5-4214° T	COOH with wireline/perf guns.
	ΓIH with tubing and BHA				s of a nom see		Coll with whome peri guilo.
	TIH with new pump and						
6. F	RDMO						
Spud Date	e: 2/5/1982		Rig Relea	se Date	e:		
•			_		i	- <i>(</i> -	
					ldel Hon		
I hereby c	ertify that the information	above is true a	nd complete to the	ne best	of my knowledge	and belief.	
SIGNATU	JRE that Jak		TITLE	Direc	ctor of Admin. an	d Eng. Supp	oort DATE 9/11/12
	rint name: Kristy Grahan <u>Use Only</u>	n	E-mail add	dress: k	kgraham@logosre	esourcesllc.c	com PHONE: 505-436-2627
roi state	/ /	¬ ,,		Deput	ty Oil & Gas	Inspecto	or,
APPROV. Condition	ED BY: // J s of Approval (if any):	! /b	TITLE		District #	3	6186.P atad

			muel for frein the c		the beetlen.	· ·
ptiolo:			Leose			Well No.
MERRION	OIL & GAS CO	- · · · - · · · - · · · · · · · · · · ·	HI HI		γ	2
nii Leiler	Section C	Township 23N		ang.• 6W	County Rio Arri	h n
O Ival Foologe La	cotion of Wells	1 2		OH	Trik oth	Da
980	leet from the	South	line and 18	20 (	i from the Eas	
ound Level Elev			Pool	7 1	ו ווסוו וופ	Dedicated Acreage:
6773	Gal:	lup		DUNGCON	$\nu$	160
1. Outline t	the acreage dedicate	cated to the ar	ibject well by	colored pencil o	r hachure marks	on the plat below.
	than one lease i and royalty).	s dedicated to	the well, outli	ne each and ide	ntify the owners	thip thereof (both as to worki
					have the interes	is of all owners been conso
dated by	communitization,	unitization, for	rce-pooling. etc	?		
X Yes	□ No If	answer is "yes	" type of cons	olidation	Communitized	l
IVI 169	۰۰۰ س		Jpc or consi			
If answer	is "no," list the	owners and t	act description	s which have ac	tually been con	solidated. (Use reverse side
this form	if necessary.)				·	
No allows	ble will be assig	ned to the well	until all intere	sts have been o	onsolidated (b)	communitization, unitizati
forced-po	oling, or otherwis	e) or until a non	-standard unit,	eliminating suc	h interests, has	been approved by the Comm
sion.						
		2	The same			CERTIFICATION
•				!	<b>1</b>	•
	Į.			Ī	1 50	eraby cartify that the information c
	I .			1	2 <b>3 1</b> 1	ned herein is true and complete to
	i I		NM 28	37 <b>3</b> 5	bes	s of my knowledge and belief.
	· 1					$\cap$
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	1				NA NA	\ 1 <i>l</i> . (
	+	<del>"</del> -	-		个	Sneare herwi
	+			1820'	Posit	
	<del>                             </del>		ø	1820'		
	<del> </del> ·     		<b></b>	1820'	Pre	sident ony
	+	ָרַ <b>-</b>	008	1820'	Pre Comp Mer	sident  my rion Oil & Gas Corp.
	Sec	5	980,	1820'	Pre	sident  my rion Oil & Gas Corp.
	Sec	5	086	1820'	Pre Comp Mer	sident  my rion Oil & Gas Corp.
	Sec	5	© 1086	1820	Pre Comp Mer	sident  my rion Oil & Gas Corp.
	Sec	5		1820'	Pre Comp Mer Date 9/8	sident  my rion Oil & Gas Corp.  /82
	Sec	5	, 086 FEE	1820'	Pre Comp Mer Date 9/8	sident  any rion Oil & Gas Corp.  /82
	Sec	5		1820	Pre Comp Mer Date 9/8	sident  any rion Oil & Gas Corp.  /82  bereby certify that the well location in this plan was plotted from f
	Sec	5		1820'	Pre Comp Mer  Date 9/8	rion oil & Gas Corp.  /82  vereby certify that the well local own be this plat was platted from free of adjust surveys made by me
	Sec	Order No. R	FEE .	1820'	Pre Comp Mer  Doie 9/8	rion oil & Gas Corp.  /82  pereby certify that the well locate own bathis plat was plotted from fives of actual surveys made by me ler my supervision, and that the set
	Sec	5 Order No. R	FEE .	1820	Pre Comp Mer  Dole 9/8	rion oil & Gas Corp.  /82  pereby certify that the well locate own be this plat was plotted from fives at a function, and that the set true and correct to the best of the dege and belief.
		Order No. R	FEE .	1820'	Pre Comp Mer  Dole 9/8	sident  any rion Oil & Gas Corp.  /82  pereby certify that the well locate from his plat was plotted from fives of optical surveys made by me ler my supervision, and that the safetue and correct to the best of
		Order No. R	FEE .	1820'	Pre Comp Mer  Dole 9/8	rion oil & Gas Corp.  /82  rereby certify that the well locate own be this plat was plotted from fives of actual surveys made by me ler my supervision, and that the set true and correct to the best of a ledge and belief.
	<del>-</del>	Order No. R	FEE .	1820	Pre Comp Mer  Dole 9/8	rion oil & Gas Corp.  /82  pereby certify that the well locate own be this plat was plotted from fives at a function, and that the set true and correct to the best of the dege and belief.
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	<del>-</del>	Order No. R	FEE .	1820'	Pre Comp Mer  Date 9/8  I I ahe not une Is kmt	rion Oil & Gas Corp.  /82  vereby certify that the well location by this plat was platted from fives of actual surveys made by meler my supervision, and that the sature and correct to the best of whedge and belief.  Surveyed  The property of the property
	<del>-</del>	Order No. R	FEE .	1820	Pre Comp Mer  Date 9/8  I I alm not unc Is kmt	rion Oil & Gas Corp.  /82  vereby certify that the well location in the self of the best of the deep and belief.  Surveyed  The property of the best of the property of the property of the best of th

District I
1625 N French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone (575) 748-1283 Fax (575) 748-9720
District III
1000 Rto Brazos Road, Aztec, NM 87410
Phone (505) 334-6178 Fax (505) 334-6170
District IV
1220 S St Francis Dr., Santa Fe, NM 87505
Phone (505) 476-3460 Fax (505) 476-3462

<sup>4</sup> Property Code

310179

7 OGRID No.

289408

API Number

30-039-22883

## 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 August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

<sup>6</sup> Well Number

2

Elevation

6,773'

3 Paol Name

WC BNIEWS; Mesaverde (0)

WELL LOCATION AND ACREAGE DEDICATION PLAT

RITA COM

8 Operator Name

LOGOS OPERATING, LLC

<sup>2</sup> Pool Code

97984

				<sup>10</sup> Surface L	ocation			
Section 5	Township 23N	Range 6W	Lot Idn O	Feet from the	North/South line 980 FSL	Feet from the	East/West line 1820 FEL	County RIO ARRIBA
	<u></u>	" Bot	tom Hole	Location If	Different From	Surface		
Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
es 3 Joint o	r Infill 14 C	Consolidation C	ode 15 Ord	er No.				
will be ass	signed to th	is completi	on until all	interests have b	oeen consolidated o	or a non-standard	unit has been app	roved by the
						I hereby certify it to the best of my owns a working the proposed bot location pursuan interest, or to a v order heretofore  Signature  John Austin Ak Printed Name  AAkers@logos	hat the information contained histowiedge and belief, and that interest or unleased mineral into tom hole location or has a right to a contract with an owner optimizing pooling agreement or eftered by the division.	nerem is true and complete this organization either erest in the land including to drill this well at this f such a mineral or working
				980'	1,820'	I hereby cer. plat was plo made by me same is true UPDATED 8. Date of Surve Signature and NOTE: THIS OF THE CEL WELL FILE.	tify that the well location ted from field notes of or under my supervision and correct to the besi (29/2012  Y Seal of Professional Survey E SURVEY USES THE EX RTIFIED SURVEY FOR D WITH THE COMMISS	on shown on this factual surveys on, and that the t of my belief.  yor.  XACT FOOTAGES THE RITA COM 2 SION 1/20/1982
	Section  Section  Y	Section Township  Set 13 Joint or Infill  Y	Section Township Range  13 Joint or Infill Range  14 Consolidation C	Section Township Range Lot Idn  Es 13 Joint or Infill 14 Consolidation Code 15 Ord	Section Township Range Lot Idn Feet from the Section Township Range Lot Idn Feet from the Location If Section Township Range Lot Idn Feet from the Location If Y Lonsolidation Code Section Township Range Lot Idn Feet from the Location If Y Lonsolidation Code Section In It Is Order No.  Will be assigned to this completion until all interests have be a section Location If I are the location If I are the location In It I are the location In I are the location I are the location In I are the location In I are the location I a	Section Township Range Lot Idn Peet from the 980 FSL  "Bottom Hole Location If Different From Section Township Range Lot Idn Feet from the North/South line es 1 Joint or Infill V Consolidation Code 1 Order No.  will be assigned to this completion until all interests have been consolidated or 1,820 to 1,820 t	Section   Township   Range   Lot Idn   O   Feet from the   North/South line   980 FSL	Section Township Range Lot Idn O Feet from the 980 FSL Feet from the 1820 FEL  "Bottom Hole Location If Different From Surface  Section Township Range Lot Idn Feet from the North/South line Feet from the East/West line  "But Joint or Infill Is Consolidation Code Is Order No."  Will be assigned to this completion until all interests have been consolidated or a non-standard unit has been app  "OPERATOR CERTIFITY Interest to a weaking metres to make domain the feet of my humbelogie and being any thing and the feet of my humbelogie and being any thing any the feet of my humbelogie and being any thing any the feet of my humbelogie and being any thing any the feet of my humbelogie and being any thing any the feet of my humbelogie and being any the feet of my humbelogie and being any thing any the feet of my humbelogie and being any the feet of the feet of my humbelogie and being any the feet of the feet of my humbelogie and being any the feet of the feet of my humbelogie and being any the feet of the feet of my humbelogie and being any the feet of the feet



## **Wellbore Schematic**

Well Name	Rita Com #2						
Location.	O-05-23N-06W 980' FSL 1820' FEL						
County <sup>-</sup>	Rio Arriba	Rio Arriba					
API#	30-039-22883						
Co-ordinates	36 2489508, -107.4892514						
Elevations <sup>-</sup>	GROUND.	6773'					
	KB.	6786'					
Depths (KB):	PBTD.	5569'					
	TD.	5620'					

TD- 5620'

Date Prepared 7/27/2012

Last Updated
Spud Date. 2/5/1982

Completion Date 4/6/1982

Last Workover Date.

	TD.	5620'	
	All double I/D	Hala Cina	Surface Casing. (2/5/1982)
a .a V	All depths KB	Hole Size	
Surf Csg		12-1/4"	Drilled 12-1/4" surface hole Set 5 joints (215') of 8-5/8" casing at 228'.
8-5/8" 20# J-55		0-228'	Cemented with 175 sacks Class B 2% CaCl2 cement. TOC calculated at surface with
Set at 228'		Ø	1 32 yield/sack and 50% efficiency
280 sacks cement		<b>A</b>	
*			Production Casing: (2/13/1982)
Ŧ.			
*		Ø	Drilled 7-7/8" hole to 5620' Set 4-1/2", 10.5#, J-55 casing at 5620' with ST at 4486'  Cemented in 2 stages: Stage 1 cemented with 175 sacks Class H cement TOC at
228'		<b>A</b>	4875' per CBL (2/13/82). Stage 2 cemented with 600 sacks Class B, followed with
220		<b>/</b>	100 sacks Class H. TOC at 680' per CBL (11/30/2007).
<i>"</i>		Sqz Csg Surf- 468'	100 Sauks Glass 11. 100 at 000 per GBE (11/00/2007).
/.	<b>~1</b>	// Oq2 Oog Out 100	
	1 111		Tubing: (12/19/2007) Length (ft)
	1 111 1	TOC at 680'	Pup Joint 24
	1 111 1		168 Joints 2-3/8" 4.7# J-55 5477 37
			SN 1.1
	1 111 1		Perf Pup Joint 4 00
•			Open-End Mud Anchor 21 00
	1 111 1		Set at 5540 47 ft
	1 111		Rods (12/19/2007) Length (ft)
	1 111 1		71: 3/4" rods w/PATCO 1775
	1 111 1		39: 5/8" rods w/ PATCO Scrapers 975
	1 111 1		69: 5/8" rods plain 1723
	1 111 1		26. 3/4" rods plain 650
	1 111 1	7-7/8"	10 3/4" plain + EO Guided rods 250
Production Csg	1 111 1	228'-5620'	5 3/4" Guided rods 125
4-1/2" 10.5#, J-55	1		2"x1-1/4"x8'x10'x13' RHAC Pump
Set at 5620'			Set at 5513 ft
Cemented in 2 Stages			Perforations:
St 1:175 sacks			Perforated Gallup from 5292'- 5504' with 28 total holes.
TOC at 4875'	1 111 1		5292'- 5302' (6 holes), 5312'- 5320' (5 holes), 5431'- 5443' (7 holes), 5467' (1 hole),
St 2 700 sacks	1 111 1		5469' (1 hole), 5478' (1 hole), 5480' (1 hole), and 5494'- 5504' (6 holes)
TOC at 680'	1 111 1		Fractured Gallup with 100,100 gal 75Q foam, 25,025 gal 2% KCl water, 1,811,504
	1 111 1		scf N2, and 200,150# 20/40 sand Average Rate- 30 bpm.
	1		Initial Test:
	1 111 :	Stage Tool at 4486'	(4/11/1982) Flowing 18 hour test: 131 bbls oil (24 hr), 180 mcf gas (24 hr), 0 bbls water Oil Gravity- 45°
		TOC at 4875'	
<b></b>		100 at 4875	Formations:
Tubing	1 111 1		Ojo Alamo- 1375'
2-3/8" 4.7#, J-55			Kırtland-Fruitland- 1540'
Set at 5540 5'			Pictured Cliffs- 1962' Cliff House- 3475'
			Menefee- 3512'
Γ	해	Gallup 5292'-5504'	Point Lookout- 4220'
L	i		Mancos- 4430'
			Gallup- 5235'
5620'			Additional Notes:
-320	_		***(6/23/83) Well name was changed from Rita #2 to Rita Com #2
	PBTD- 5569'		(5/25/55) From Harris Had Gridinged Horn Filla #2 to Filla Gotti #2
	TD 5000		