

Submit 1 Copy To Appropriate District Office
 District I - (575) 393-6161
 1625 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 August 1, 2011

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

WELL API NO. 30-039-22884
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Rita Com
8. Well Number 1
9. OGRID Number 289408
10. Pool name or Wildcat Counselors Gallup-Dakota - 13379
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6863' GL

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 Gas Well Other

2. Name of Operator
Logos Operating, LLC

3. Address of Operator
4001 N. Butler, Bldg 7101 Farmington, NM 87401

4. Well Location
 Unit Letter E : 1680 feet from the North line and 980 feet from the West line
 Section 9 Township 23N Range 6W NMPM County Rio Arriba

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

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/>	SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/>
OTHER: <u>Recomplete to Mesa Verde formation.</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.

Logos proposes to perforate the MesaVerde formation from: 3505-4214' with 3SPF. There will be no fracture stimulation or breakdown during this job. The Mesa Verde formation will then be downhole commingled with the existing Counselors Gallup-Dakota formation. Estimated start date 1/5/12

RCVD JAN 7 '13
 OIL CONS. DIV.
 DIST. 3

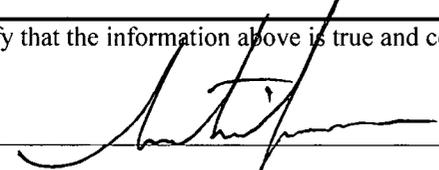
Proposed Work

- MIRU workover unit
- TOOH with rods and tubing
- RU wireline unit and TIH to perforate the MesaVerde with 3 SPF from 3505-4214'. TOOH with wireline/perf guns.
- TIH with tubing and BHA
- TIH with new pump and rods.
- RDMO

DHC 4600/SF)

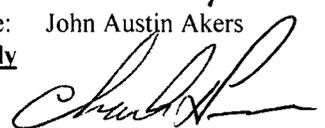
Spud Date: Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE  TITLE VP of Land DATE 1/3/13

Type or print name: John Austin Akers E-mail address: aakers@logosresourcesllc.com PHONE: 303-550-1877

For State Use Only

APPROVED BY:  TITLE SUPERVISOR DISTRICT #3 DATE JAN 23 2013

Conditions of Approval (if any):

AV

District I
1625 N. French Dr., Hobbs, NM 88240
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Phone: (505) 476-3460 Fax: (505) 476-3462

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

CONFIDENTIAL

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-22884	² Pool Code 97998	³ Pool Name wcc 23N16W9; Mesaverde (o)
⁴ Property Code 310179	⁵ Property Name Rita Com	⁶ Well Number 1
⁷ OGRID No. 289408	⁸ Operator Name Logos Operating, LLC	⁹ Elevation 6,863'

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
E	9	23N	6W	E	1680	North	980	West	Rio Arriba

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
								RCVD JAN 14 '13	

¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.	OIL CONS. DIV. DIST. 3
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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.

¹⁶ 	<p>¹⁷ OPERATOR CERTIFICATION <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: Date: 1/10/2013</p> <p>John Austin Akers Printed Name</p> <p>aakers@logosresourcesllc.com E-mail Address</p>
	<p>¹⁸ SURVEYOR CERTIFICATION <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>1/8/2013 Date of Survey</p> <p>Signature and Seal of Professional Surveyor: NOTE: This survey uses the exact same footages as the original survey filed for the Rita Com No. 1 survey dated January 1982 completed by Fred B. Kerr, registered surveyor</p> <p>Certificate Number</p>



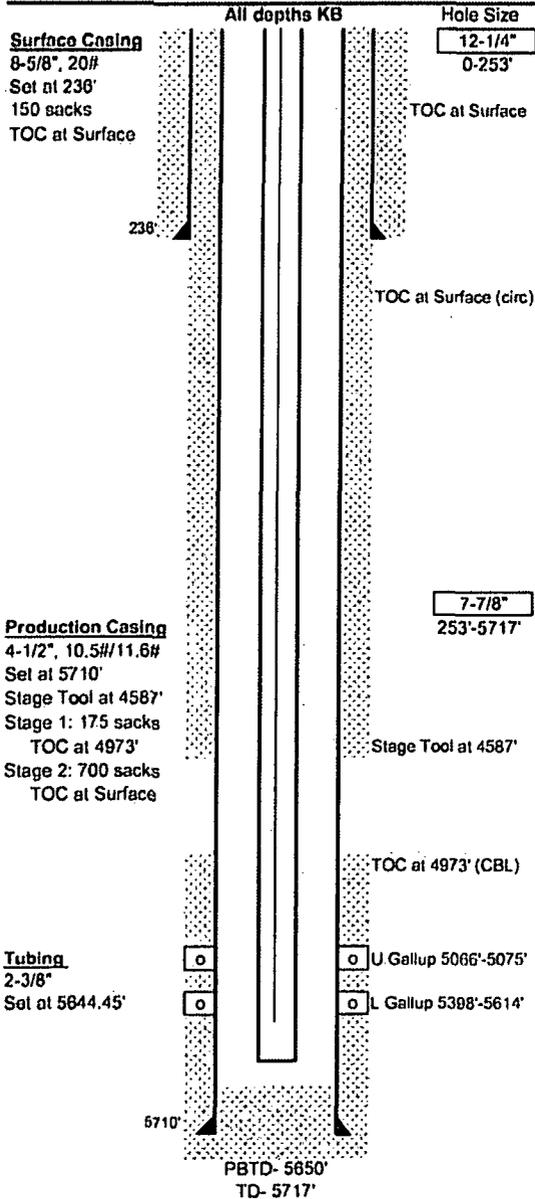
RESOURCES LLC

Wellbore Schematic

RCVD JAN 22 '13
OIL CONS. DIV.
DIST. 3

Well Name: Rita Com #1
 Location: E-09-23N-08W 1680 FNL 980 FWL
 County: Rio Arriba County
 API #: 30-039-22884
 Co-ordinates: 36.24165, -107.4797
 Elevations: GROUND: 6883'
 KB: 6876'
 PBDT: 5650'
 TD: 5717'

Date Prepared: 10/26/2012
 Last Updated: 1/21/2013
 Spud Date: 1/27/1982
 Completion Date: 2/25/1982
 Last Workover Date: 8/12/2011



Surface Casing: (1/27/82)
 Drilled 12-1/2" hole to 253'. Set 223' of 8-5/8", 20# casing at 238'.
 Cemented with 175 sacks of cement. TOC at surface, calculated with 1.34 yield/sack and 50% efficiency.

Production Casing: (2/4/82)
 Drilled 7-7/8" hole to 5717'. Set 4-1/2" 10.5#/11.6# casing at 5710'.
 Stage Tool at 4587'. Stage 1 cemented with 175 sacks Class H 2% gel.
 TOC at 4973' per CBL (2/25/82).
 Stage 2 cemented with 600 sacks Class B 2% D-79, tailed with 100 sacks Class H 2% gel; circulated cement to surface.

Tubing: (8/12/2011)
 Set 2-3/8", 4.7#, J-55 tubing at 5644.45', SN @ 5620.05'. (185 joints), 1.1' seating nipple, 4.1' perforated sub, 19.20' mud anchor

Rods: *(8/12/2011)
 2 3/4" plain pony rods (2' & 8'), 2 3/4" mold on guided rods, 75 3/4" metal scraper rods, 40 3/4" mold on guided rods, 61 5/8" rods, 24 3/4" rods, 10 3/4" metal scraper rods, 9 3/4" mold on guided rods, 3 1-1/2" sinker bars, RHAC 2" x 1-1/4" x 6' x 9' x 12' @ 5619'

Perforations:
 (2/25/82) Perforated Lower Gallup from 5398'-5614' with 30 total holes.
 Frac'd with 725 bbls 2% KCl water, 126,200# 20/40 sand, and 2,209,499 scf N2.
 (3/20/82) Perforated Upper Gallup from 5066'- 5075' with 2 spf. (18 total holes).
 Frac'd with 185 bbls 2% KCl, 75Q foam, 30,700# 20/40 sand, and 537,904 scf N2.

Initial Test:
 (3/25/82) 24 hour flowing test- 88 bbls oil, 166 mcf gas, 0 bbls water 45° API

Formations:

Ojo Alamo-	1465'
Kirtland-Fruiland-	1673'
Pictured Cliffs-	2071'
Cliff House-	3578'
Menefee-	3820'
Point Lookout-	4337'
Mancos-	4542'
Gallup-	5373'

Additional Notes:
 *The current configuration of the tubing was not reported.

CEMENTING SERVICE REPORT



TREATMENT NUMBER 7121 DATE 2/3/82
 PAGE 2 DOWELL DISTRICT FARMINGTON NM

DWL-496-M PRINTED IN U.S.A.

DOWELL DIVISION OF DOW CHEMICALS
 OPERATING UNIT OF THE DOW CHEMICAL COMPANY

WELL NAME AND NO. RITA #1 LOCATION (LEGAL) T9 23P 6W
 FIELD-POOL _____ FORMATION _____

RIG NAME Young Rig #3
 WELL DATA:

COUNTY/PARISH RIO ARRIBA STATE NEW MEXICO API. NO. _____

BIT SIZE <u>7 7/8</u>	CSG/LINER SIZE <u>4 1/2</u>	A	B	C	D
TOTAL DEPTH <u>5720</u>	WEIGHT <u>105</u>				
<input type="checkbox"/> ROT <input checked="" type="checkbox"/> CABLE	TOP <u>0</u>				
MUD TYPE _____	BOTTOM <u>5720</u>				
<input type="checkbox"/> BHST <input type="checkbox"/> BHCT	GRADE <u>K-55</u>				
MUD DENSITY <u>8.9</u>	THREAD <u>8R</u>				
MUD VISC <u>65</u>	CAPACITY <u>.0159</u>				

NAME MERRION OIL & GAS
 AND P.O. Box 1017
 ADDRESS FARMINGTON NEW MEXICO
 ZIP CODE _____

HEAD & PLUGS <input type="checkbox"/> TGB <input type="checkbox"/> D.P.	SQUEEZE JOB	
<input type="checkbox"/> DOUBLE <input type="checkbox"/> WEIGHT	TOOL TYPE	DEPTH
<input checked="" type="checkbox"/> SINGLE <input type="checkbox"/> GRADE	TAIL PIPE SIZE	DEPTH
<input type="checkbox"/> SWAGE <input type="checkbox"/> THREAD	TUBING VOLUME	Bbl
<input type="checkbox"/> KNOCKOFF <input type="checkbox"/> NEW <input type="checkbox"/> USED	CASING VOL BELOW TOOL	Bbl
TOP <input checked="" type="checkbox"/> R <input type="checkbox"/> W	TOTAL	Bbl
BOT <input type="checkbox"/> R <input type="checkbox"/> W	ANNUAL VOLUME	Bbl

SPECIAL INSTRUCTIONS
2 STAGE LOGGING RITA #1
2nd STAGE 100 SA CL B 2 1/2 D-79
100 SA CL H 2 1/2 D-20

PAGE 2/2

PRESSURE LIMIT _____ PSI BUMP PLUG TO 2500 PSI
 ROTATE _____ RPM RECIPROCATATE _____ FT NO. OF CENTRALIZERS _____

SHAPE FLOAT TYPE <u>BAKER</u>	STAGE TOOL TYPE <u>BAKER</u>
DEPTH <u>5688</u>	DEPTH <u>460</u>
TYPE <u>BAKER</u>	TYPE _____
DEPTH <u>5720</u>	DEPTH _____

ARRIVED ON LOCATION TIME: 1430 DATE: 2/3/82 LEFT LOCATION TIME: 2200 DATE: 2/3/82

TIME	PRESSURE		VOLUME PUMPED BBL		JOB SCHEDULED FOR			SERVICE LOG DETAIL	
	TGB OR D.P.	CASING	INCREMENT	CUM	INJECT RATE	FLUID TYPE	FLUID DENSITY		
0001 to 2400								PRE-JOB SAFETY MEETING	
<u>1346</u>			<u>5</u>		<u>6</u>	<u>H₂O</u>		<u>START H₂O AHEAD</u>	
<u>1947</u>	<u>200</u>		<u>219</u>	<u>0</u>	<u>6</u>	<u>CEM.</u>		<u>START CEMENT 12.5</u>	
<u>2017</u>	<u>200</u>		<u>22</u>	<u>219</u>	<u>6</u>	<u>CEM.</u>		<u>START CEMENT 15.4</u>	
<u>2025</u>	<u>200</u>		<u>22</u>		<u>6</u>	<u>H₂O</u>		<u>CEMENT MIXED DROP PLUG</u>	
<u>2030</u>	<u>250</u>		<u>73</u>	<u>0</u>	<u>6</u>	<u>H₂O</u>		<u>START DIS H₂O</u>	
<u>2050</u>	<u>2500</u>		<u>73 1/2</u>	<u>2</u>	<u>H₂O</u>			<u>DIS COMPLETED PLUG DOWN</u>	

RCUD JAN 22 '19
 OIL CONS. DIV.
 DIST. 3

REMARKS CIR 5BBL CEMENT BACK

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS		SLURRY MIXED	
					BBLs	DENSITY
<u>1</u>	<u>600</u>	<u>2.05</u>	<u>CLB 2%</u>	<u>D-79 CHEMICAL EXTENDER</u>	<u>219</u>	<u>12.5</u>
<u>2</u>	<u>100</u>	<u>1.22</u>	<u>CLH 2%</u>	<u>D-20 BENTONITE</u>	<u>22</u>	<u>15.4</u>
<u>3</u>						
<u>4</u>						
<u>5</u>						
<u>6</u>						

BREAKDOWN FLUID TYPE		VOLUME		DENSITY		PRESSURE MAX:		MIN:	
<input checked="" type="checkbox"/> HESITATION SO	<input type="checkbox"/> RUNNING SO	CIRCULATION LOST		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		CEMENT CIRCULATED TO SURF.		<input type="checkbox"/> YES <input type="checkbox"/> NO	
BREAKDOWN PSI FINAL		PSI		DISPLACEMENT VOL		TYPE OF WELL		<input type="checkbox"/> OIL <input type="checkbox"/> STORAGE <input type="checkbox"/> BRINE WATER	
<u>10</u>		<u>10</u>		<u>73 1/2</u> Bbls		<input checked="" type="checkbox"/> GAS <input type="checkbox"/> INJECTION <input type="checkbox"/> WILDCAT			
PERFORATIONS		CUSTOMER REPRESENTATIVE		DOWELL SUPERVISOR					
<u>10</u>		<u>10</u>		<u>C. Carl Meisler</u>					