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John West Surveying

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NMOCD ARTESIA

## DISTRICT I

1001 N. FRENCH BL., SUITE 100, ALBUQUERQUE, NM 87102

## DISTRICT II

1200 N. CHASE AVENUE, SUITE 100, ALBUQUERQUE, NM 87102

## DISTRICT III

1000 N. CHASE AVENUE, SUITE 100, ALBUQUERQUE, NM 87102

## DISTRICT IV

1200 N. CHASE AVENUE, SUITE 100, ALBUQUERQUE, NM 87102

## State of New Mexico

Energy, Minerals and Natural Resources Department

## OIL CONSERVATION DIVISION

1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Forms - 4 Copies

Per Lease - 3 Copies

## WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number <b>(30-015-34644)</b>	Pool Code <b>97563</b>	Pool Name <b>Red Tank; Aroka, South</b>
Property Code	Property Name <b>LIVINGSTON RIDGE STATE 36</b>	Well Number <b>1</b>
OCRD No.	Operator Name <b>SAMSON RESOURCES</b>	Elevation <b>3471'</b>

## Surface Location

UL or lot No.	Section	Township	Range	Lot No.	Feet from the	North/South line	Feet from the	East/West line	County
<b>0</b>	<b>36</b>	<b>22-S</b>	<b>31-E</b>		<b>660</b>	<b>SOUTH</b>	<b>1980</b>	<b>EAST</b>	<b>EDDY</b>

## Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot No.	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres <b>32c</b>	Initial or Initial	Consolidation Code	Order No.						

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>GEODETIC COORDINATES NAD 27 NME</p> <p>Y=488810.5 N X=888679.8 E</p> <p>LAT.=32°20'32.67" N LONG.=103°43'43.96" W</p>	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this information either owns a working interest or 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 entered by the division.</p> <p><i>[Signature]</i> <b>2/20/06</b> Signature Date <b>Brad P. Hargrave</b> Printed Name</p>	
	<p><b>SURVEYOR CERTIFICATION</b></p> <p>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.</p> <p><b>FEBRUARY 18, 2006</b></p> <p>Date Surveyed LA</p> <p><i>[Signature]</i> Signature of Seal of Professional Surveyor</p> <p><b>06.11.0367</b></p> <p>Certificate No. <b>GARY TINSOR</b> 12041</p>	
	<p><b>Diagram</b></p>	

Submit To: Appropriate District Office Two Copies District I 1625 N French Dr, Hobbs, NM 88240 District II 811 S First St, Artesia, NM 88210 District III 1000 Rio Brazos Rd, Aztec, NM 87410 District IV 1220 S St Francis Dr, Santa Fe, NM 87505	<b>State of New Mexico</b> <b>Energy, Minerals and Natural Resources</b>  <b>Oil Conservation Division</b> <b>1220 South St. Francis Dr.</b> <b>Santa Fe, NM 87505</b>	<b>Form C-105</b> Revised August 1, 2011																
		1. WELL API NO. <b>30-015-34644</b>																
		2. Type of Lease <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN																
		3. State Oil & Gas Lease No																
<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>																		
4. Reason for filing: <input checked="" type="checkbox"/> <b>COMPLETION REPORT</b> (Fill in boxes #1 through #31 for State and Fee wells only) <input type="checkbox"/> <b>C-144 CLOSURE ATTACHMENT</b> (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33, attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)		5. Lease Name or Unit Agreement Name <b>LIVINGSTON RIDGE 36 STATE</b> 6. Well Number. <b>001</b>																
7. Type of Completion. <input type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input checked="" type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER		<div style="border: 2px solid black; padding: 5px; display: inline-block;"> <b>RECEIVED</b>  <b>JAN 20 2012</b>  <b>NMOOD ARTESIA</b> </div>																
8. Name of Operator <b>THREE RIVERS OPERATING COMPANY</b> 10. Address of Operator 1122 S. Capital of Texas Highway #325 Austin, TX 78746																		
		9. OGRID 272295 11. Pool name or Wildcat Sand Dunes, Morrow, North (Gas)																
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County								
Surface:	0	36	22S	31E		660	S	1980	E	EDDY								
BH:																		
13. Date Spudded 3/25/06	14. Date T D. Reached 5/18/06	15. Date Rig Released		16. Date Completed (Ready to Produce) 8/29/06			17. Elevations (DF and RKB, RT, GR, etc ) 3498' DF, 3499' KB; 3471' GL											
18. Total Measured Depth of Well 15230'		19. Plug Back Measured Depth 14900'		20. Was Directional Survey Made? NO			21. Type Electric and Other Logs Run DLL/MGRD,SSS,SFTT,RSCT,SDL/DSN											
22. Producing Interval(s), of this completion - Top, Bottom, Name 13686'-14237' Atoka; 14446'-14451' Morrow																		
<b>23. CASING RECORD (Report all strings set in well)</b>																		
CASING SIZE	WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED									
13.375"	54.55#		1576'		17.50"		795sx											
9.625"	40.00#		4615'		12.25"		1640sx											
7.00"	26.00#		12518'		8.75"		960sx											
4.50"	13.50#		15230'		6.125"		750sx											
<b>24. LINER RECORD</b>																		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN														
<b>25. TUBING RECORD</b>																		
SIZE	DEPTH SET		PACKER SET															
	2.375"		14348'															
			14340'															
26. Perforation record (interval, size, and number) Morrow: 15074'-15050'; 15088'-15092', CIBP @14900. Abandoned Morrow: 14630'-14642'; 14620'-14626', 14446'-14451'; Active Atoka 14016'-14237', 13686'-13970'; Active																		
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>14620'-14642'</td> <td>Frac w/ 50k# sd; 180tons CO2, 500bbl fluid</td> </tr> <tr> <td>14446'-14451'</td> <td>Frac w/ 49745# sd, 136 tons CO2</td> </tr> <tr> <td>13686'-14237'</td> <td>Acdz w/ 4500gals acid &amp; 54SGBS, Frac w/ 23k#sd, 102 tons CO2, 354bbbls Fluid</td> </tr> </table>											DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	14620'-14642'	Frac w/ 50k# sd; 180tons CO2, 500bbl fluid	14446'-14451'	Frac w/ 49745# sd, 136 tons CO2	13686'-14237'	Acdz w/ 4500gals acid & 54SGBS, Frac w/ 23k#sd, 102 tons CO2, 354bbbls Fluid
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<b>28. PRODUCTION</b>																		
Date First Production 2/18/09		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing					Well Status (Prod. or Shut-in) Producing											
Date of Test 3/19/09	Hours Tested 24	Choke Size 32/64	Prod'n For Test Period	Oil - Bbl 0	Gas - MCF 495	Water - Bbl 70	Gas - Oil Ratio											
Flow Tubing Press. 70	Casing Pressure 420	Calculated 24-Hour Rate	Oil - Bbl 0	Gas - MCF 495	Water - Bbl 70	Oil Gravity - API - (Corr)												
29. Disposition of Gas (Sold, used for fuel, vented, etc ) Sold							30. Test Witnessed By											
31. List Attachments							Accepted for record NMOCD TCG 1/20/2012											
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.																		
33. If an on-site burial was used at the well, report the exact location of the on-site burial:																		
Latitude Longitude NAD 1927 1983																		
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief																		
Signature <i>Wes Gibbons</i>			Printed Name <b>Wes Gibbons</b>		Title <b>Operations Engineer</b>		Date <b>1/1/2012</b>											
E-mail Address <b>wgibbons@3rnr.com</b>																		

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District IV  
1220 S. St Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources

Form C-104  
Revised August 1, 2011

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

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

<sup>1</sup> Operator name and Address THREE RIVERS OPERATING COMPANY 1122 S. Capital of Texas Highway #325 Austin, TX 78746		<sup>2</sup> OGRID Number 272295
		<sup>3</sup> Reason for Filing Code/ Effective Date R/C
<sup>4</sup> API Number 30 - 015-34644	<sup>5</sup> Pool Name Sand Dunes; Morrow, North (Gas)	<sup>6</sup> Pool Code 84700
<sup>7</sup> Property Code 309222	<sup>8</sup> Property Name Livingston Ridge 36 State	<sup>9</sup> Well Number 001

II. <sup>10</sup> Surface Location

UL or lot no. O	Section 36	Township 22S	Range 31E	Lot Idn	Feet from the 660	North/South Line S	Feet from the 1980	East/West line E	County EDDY
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<sup>11</sup> Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<sup>12</sup> Lse Code	<sup>13</sup> Producing Method Code	<sup>14</sup> Gas Connection Date	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date				

III. Oil and Gas Transporters

<sup>18</sup> Transporter OGRID 36785	<sup>19</sup> Transporter Name and Address DCP Gas Midstream, LP	<sup>20</sup> O/G/W G
		O

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IV. Well Completion Data

<sup>21</sup> Spud Date 3/25/06	<sup>22</sup> Ready Date 8/29/06	<sup>23</sup> TD 15,230'	<sup>24</sup> PBTD 14,900'	<sup>25</sup> Perforations 13,686'-14,237'	<sup>26</sup> DHC, MC
<sup>27</sup> Hole Size	<sup>28</sup> Casing & Tubing Size	<sup>29</sup> Depth Set	<sup>30</sup> Sacks Cement		
17.50"	13.375"	1576'	795		
12.75"	9.625"	4615'	1640		
8.75"	7.00"	12518'	960		
6.125"	4.5"	15230'	750		

V. Well Test Data

<sup>31</sup> Date New Oil	<sup>32</sup> Gas Delivery Date	<sup>33</sup> Test Date 3/19/09	<sup>34</sup> Test Length 24HRS	<sup>35</sup> Tbg. Pressure 70	<sup>36</sup> Csg. Pressure 420
<sup>37</sup> Choke Size 32/64	<sup>38</sup> Oil 0	<sup>39</sup> Water 70	<sup>40</sup> Gas 495	<sup>41</sup> Test Method FLOWING	
<sup>42</sup> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Wes Gibbons</i>			OIL CONSERVATION DIVISION		
Printed name: Wes Gibbons			Approved by: <i>T. C. Shepard</i>		
Title: Operations Engineer			Title: Geologist		
E-mail Address: wgibbons@3rnr.com			Approval Date: 1/28/2012		
Date: January 19, 2012			Phone: 512-706-9863		