

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

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

HOBBS OCD

NOV 14 2016

RECEIVED

Submit one copy to appropriate District Office

AMENDED REPORT

**I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

<sup>1</sup> Operator name and Address Endurance Resources LLC 203 West Wall Street Suite 1000 Midland Texas 79701		<sup>2</sup> OGRID Number 270329
		<sup>3</sup> Reason for Filing Code/ Effective Date NW
<sup>4</sup> API Number 30 - 025-43090	<sup>5</sup> Pool Name WC025 G08 S2535340 Bone Spring	<sup>6</sup> Pool Code 97088
<sup>7</sup> Property Code 316013	<sup>8</sup> Property Name Duo Sonic 29 Federal	<sup>9</sup> Well Number 004H

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

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South	Feet from the	East/West line	County
P	29	25S	35E		150	Line South	660	East	Lea

**<sup>11</sup> Bottom Hole Location**

UL or lotno.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	29	25S	35E		330	North	651	East	Lea

<sup>12</sup> Lse Code	<sup>13</sup> Producing Method Code F	<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
F		10-28-2016			

**III. Oil and Gas Transporters**

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> O/G/W
34053	Plains Marketing LP 10 Desta Drive Ste 200 East Midland TX 79705	O
24650	Targa Midstream Services LLC 1000 Louisiana Ste 4300 Houston TX 77002	G

**IV. Well Completion Data**

<sup>21</sup> Spud Date	<sup>22</sup> Ready Date	<sup>23</sup> TD	<sup>24</sup> PBDT	<sup>25</sup> Perforations	<sup>26</sup> DHC, MC
9-11-2016 ✓	10-28-2016	15,552 / 10960	15,449	11,337-15,367	
<sup>27</sup> Hole Size	<sup>28</sup> Casing & Tubing Size	<sup>29</sup> Depth Set	<sup>30</sup> Sacks Cement		
17-1/2	13-3/8	1099	950 ✓		
12-1/4	9-5/8	5239	1380 ✓		
8-3/4	5-1/2	15550	1405 ✓		

**V. Well Test Data**

<sup>31</sup> Date New Oil	<sup>32</sup> Gas Delivery Date	<sup>33</sup> Test Date	<sup>34</sup> Test Length	<sup>35</sup> Tbg. Pressure	<sup>36</sup> Csg. Pressure
10-28-2016 ✓	10-28-2016 ✓	11-9-2016 ✓	24 Hrs.		825
<sup>37</sup> Choke Size	<sup>38</sup> Oil	<sup>39</sup> Water	<sup>40</sup> Gas	<sup>41</sup> Test Method	
56/64	1417 ✓	3065 ✓	2775 ✓	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: *M. A. Sirgo III*

Printed name:  
M. A. Sirgo, III

Title:  
Engineer

E-mail Address:  
manny@enduranceresourcesllc.com

Date: 11-10-2016 Phone: 432-242-4680

OIL CONSERVATION DIVISION	
Approved by: <i>Manny Sirgo</i>	Title:
Approval Date: 11-17-16 ✓	

Pending BLM approvals will subsequently be reviewed and scanned

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM132953
2. Name of Operator ENDURANCE RESOURCES LLC		6. If Indian, Allottee or Tribe Name
Contact: PEGGY REDMAN E-Mail: peggy@enduranceresourcesllc.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 203 WEST WALL STREET STE 1000 MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 432-242-4680 Fx: 432-242-4689	8. Well Name and No. DUO SONIC 29 FEDERAL 004H
4. Location of Well (Footage, Sec., T., R., M. or Survey Description) Sec 29 T25S R34E 150FSL 660FEL		9. API Well No. 30-025-43090
		10. Field and Pool, or Exploratory DELAWARE
		11. County or Parish, and State LEA COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Hydraulic Fracture
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

10-17-2016/10-22-2016 Perforate 11,337-15,367' with 6 SPF 0.42" 936 total number of holes. Fracture treat perforations 11,337-15,367' with 95,559 gals. 15% HCl, 233,476 bbls. fresh water, 7,761,120# 100 mesh, 2,630,310# 40/70, total 10,391,430# total proppant. Prepare to drill out frac plugs and produce well.

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #357583 verified by the BLM Well Information System  
For ENDURANCE RESOURCES LLC, sent to the Hobbs**

Name (Printed/Typed) MANNY SIRGO, III	Title ENGINEER
Signature (Electronic Submission)	Date 11/10/2016

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By _____	Title _____
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.	Office _____

Pending BLM approvals will subsequently be reviewed and scanned

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
NMNM132953

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well  
 Oil Well  Gas Well  Other

8. Well Name and No.  
DUO SONIC 29 FEDERAL 004H

2. Name of Operator  
ENDURANCE RESOURCES LLC  
Contact: PEGGY REDMAN  
E-Mail: peggy@enduranceresourcesllc.com

9. API Well No.  
30-025-43090

3a. Address  
203 WEST WALL STREET STE 1000  
MIDLAND, TX 79701

3b. Phone No. (include area code)  
Ph: 432-242-4680  
Fx: 432-242-4689

10. Field and Pool, or Exploratory  
DELAWARE

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 29 T25S R34E 150FSL 660FEL

11. County or Parish, and State  
LEA COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Water is being produced from the Bone Spring formation and is producing approximately 3000 bwpd. This produced water is being transferred via flow line to the Momentum 36 State No. 1 SWD API 30-025-37515 located in NESW of Sec. 36 T25S-R35E Lea County, New Mexico.

14. I hereby certify that the foregoing is true and correct.  
**Electronic Submission #357579 verified by the BLM Well Information System For ENDURANCE RESOURCES LLC, sent to the Hobbs**

Name (Printed/Typed) MANNY SIRGO, III	Title ENGINEER
Signature (Electronic Submission)	Date 11/10/2016

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By \_\_\_\_\_  
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.

Title \_\_\_\_\_  
Office \_\_\_\_\_

Pending BLM approvals will subsequently be reviewed and scanned

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Department or agency of the United States

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
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**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM132953
2. Name of Operator ENDURANCE RESOURCES LLC		6. If Indian, Allottee or Tribe Name
Contact: TINLEE TILTON E-Mail: TINLEE@ENDURANCERESOURCESLLC.COM		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 203 W WALL ST SUITE 1000 MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 432-242-4693	8. Well Name and No. DUO SONIC 29 FEDERAL 4H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 29 T25S R35E 150FSL 660FEL		9. API Well No. 30-025-43090
		10. Field and Pool, or Exploratory DELAWARE
		11. County or Parish, and State LEA COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Drilling Operations
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

9/17/2016: Drill to TD @ 15,522'. Run 356 joints 5 1/2" 20# HCP-110 TTRS-1 to 15552'. Cement with 415 sxs 11 ppg (3.18 cuft/sk - 19.62 gal/sk MW) and 990 sxs 14.5 ppg (2.16 cuft/sk - 9.28 gal/sk MW). TOC estimated at 4000'. WOC.

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #353428 verified by the BLM Well Information System  
For ENDURANCE RESOURCES LLC, sent to the Hobbs

Name (Printed/Typed) TINLEE TILTON

Title ENGINEER

Signature (Electronic Submission)

Date 10/04/2016

THIS SPACE FOR FEDERAL OR STATE

Pending BLM approvals will  
subsequently be reviewed  
and scanned

Approved By \_\_\_\_\_

Title \_\_\_\_\_

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.

Office \_\_\_\_\_

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\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

HOBBS OCD

FORM APPROVED  
OMB NO. 1004-0137  
Expires: October 31, 2014

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NOV 14 2016

5. Lease Serial No.  
NNNM132953

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.  
Duo Sonic 29 Federal 004H

9. API Well No.  
30-025-43090

10. Field and Pool or Exploratory  
Delaware

11. Sec., T., R., M., on Block and  
Survey or Area 29-T25S-R35E

12. County or Parish  
Lea

13. State  
NM

14. Date Spudded  
09/11/2016

15. Date T.D. Reached  
10/01/2016 9-17-16

16. Date Completed 10/28/2016  
 D & A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
3219.3 GL

18. Total Depth: MD 15552  
TVD 10962

19. Plug Back T.D.: MD 15449  
TVD 10963

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
DLL-MG Density Neutron GR

22. Was well cored?  No  Yes (Submit analysis)  
Was DST run?  No  Yes (Submit report)  
Directional Survey?  No  Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cemen- ter Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2	13-3/8 J55	54.5		1099		950 Class C	257	Surface	15 bbls.
12-1/4	9-5/8 HCL80	40.0		5239		1380 Class C	425	Surface	15 bbls.
8-3/4	5-1/2 P110	20.0		15550		1405 Class H	615	4980'	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Bone Spring	11,337	15,367	11,337-15,367'	0.42"	936	open
B)						
C)						
D)						

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Bone Spring	11,337	15,367	11,337-15,367'	0.42"	936	open

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
11,337-15,367'	F/95,559 gals. 15% HCl, 7,761,120# 100 mesh, 2,630,310# 40/70 total 10,391,430# proppant

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
10-28-16	11-9-16	24	→	1417	2775	3065	43.1	0.83	Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
56/64		825	→	1417	2775	3065	1958	POW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

Pending BLM approvals will subsequently be reviewed and scanned

\*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (Solid, used for fuel, vented, etc.)  
Sold

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Redbed Rustler	0 1000	1000 1588	Redbed Anhydrite	Rustler Lamar	1000 5239
Top Salt Bottom Salt	1588 2849	2849 5239	Salt Limestone/anhydrite	Bell Canyon Cherry Canyon	5269 6329
Delaware Bone Spring	5239 9143	9143 10961	Sand/shale/limestone Sand/shale/limestone	Brushy Canyon Bone Spring  1st Bone Spring 2nd Bone Spring	7827 9143  10377 10897

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- Electrical/Mechanical Logs (1 full set req'd.)     
  Geologic Report     
  DST Report     
  Directional Survey  
 Sundry Notice for plugging and cement verification     
  Core Analysis     
  Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) M. A. Sings, III      Title Engineer  
 Signature *M. A. Sings, III*      Date 11/10/2016

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