

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

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

II. ¹⁰ Surface Location

UL or lot no. P	Section 29	Township 25S	Range 35E	Lot Idn	Feet from the 150	North/South Line South	Feet from the 660	East/West line East	County Lea
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¹¹ Bottom Hole Location

UL or lotno. A	Section 29	Township 25S	Range 35E	Lot Idn	Feet from the 330	North/South line North	Feet from the 651	East/West line East	County Lea
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 10-28-2016	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ 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

²¹ Spud Date 9-11-2016 ✓	²² Ready Date 10-28-2016	²³ TD 15,552 / 10960	²⁴ PBDT 15,449	²⁵ Perforations 11,337-15,367	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ 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

³¹ Date New Oil 10-28-2016 ✓	³² Gas Delivery Date 10-28-2016 ✓	³³ Test Date 11-9-2016 ✓	³⁴ Test Length 24 Hrs.	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 825
³⁷ Choke Size 56/64	³⁸ Oil 1417 ✓	³⁹ Water 3065 ✓	⁴⁰ Gas 2775 ✓		⁴¹ Test Method Flowing ✓
⁴² 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>M. A. Sirgo</i>			OIL CONSERVATION DIVISION		
Printed name: M. A. Sirgo, III			Approved by: <i>Manny Brown</i>		
Title: Engineer			Title:		
E-mail Address: manny@enduranceresourcesllc.com			Approval Date: 11-17-16 ✓		
Date: 11-10-2016		Phone: 432-242-4680	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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Hydraulic Fracture
	<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 recompletable 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 _____
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

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

any department or agency of the United

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

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BUREAU OF LAND MANAGEMENT

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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

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<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 recompleat 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 recompleat 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

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

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and scanned

Agent or agency of the United

**** 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

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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

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<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 recompleat 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 recompleat 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

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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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 to any department or agency of the United States 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 MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: October 31, 2014

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other: _____

2. Name of Operator
Endurance Resources LLC

3. Address 203 West Wall Street Suite 1000 Midland TX 79701 3a. Phone No. (include area code)
432-242-4680

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface 150 FSL & 660 FEL
At top prod. interval reported below
At total depth 330 FNL & 651 FEL

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 Cementer 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)
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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

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 56/64 Tbg. Press. SI Csg. Press. 825 24 Hr. Rate → Oil BBL 1417 Gas MCF 2775 Water BBL 3065 Gas/Oil Ratio 1958 Well Status 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. SI Csg. Press. 24 Hr. Rate → Oil BBL Gas MCF Water BBL Gas/Oil Ratio Well Status

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

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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. Sigo, III

Title Engineer

Signature

Date 11/10/2016

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(Continued on page 3)

(Form 3160-4, page 2)