

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

NM OIL CONSERVATION
ARTESIA DISTRICT

Form C-104
Revised August 1, 2011

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

NOV 16 2018

Submit one copy to appropriate District Office

RECEIVED ☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Percussion Petroleum Operating LLC 919 Milam Street, Suite 2475 Houston, TX 77002		² OGRID Number 371755
		³ Reason for Filing Code/ Effective Date
⁴ API Number 30 - 015-44707	⁵ Pool Name North Seven Rivers; Glorieta/Yeso	⁶ Pool Code 97565
⁷ Property Code 317243	⁸ Property Name Huber Federal	⁹ Well Number 8H

II. ¹⁰ Surface Location

UL or lot no. P	Section 34	Township 19S	Range 25E	Lot Idn	Feet from the 542	North/South Line South	Feet from the 1172	East/West line East	County Eddy
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¹¹ Bottom Hole Location

UL or lot no. O	Section 3	Township 20S	Range 25E	Lot Idn	Feet from the 207	North/South line South	Feet from the 1131	East/West line East	County Eddy
¹² Lse Code	¹³ Producing Method Code	¹⁴ Gas Connection Date	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
015694	Holly Frontier 2828 N. Harwood, Suite 1300 Dallas, TX 75201	O
36785	DCP Midstream 370 17 th Street, Suite 2500 Denver, CO 80202	G

IV. Well Completion Data

²¹ Spud Date 5/14/18	²² Ready Date 7/30/18	²³ TD 7725' / 2667'	²⁴ PBD 7633'	²⁵ Perforations 3135'-7575'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
12-1/4"	9-5/8"	1306'	560 (circ)		
8-3/4"	7"	2367'	1765 (circ)		
8-3/4"	5.5"	2367' - 7724'	1765 (circ)		
	2 7/8	2369			

V. Well Test Data

³¹ Date New Oil 8/1/18	³² Gas Delivery Date 8/10/2018	³³ Test Date 8/24/18	³⁴ Test Length 24 hours	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil 1568	³⁹ Water 2745	⁴⁰ Gas 844 (mcf)		⁴¹ Test Method

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:

Printed name:
Ryan Barber

Title:
Petroleum Engineer

E-mail Address:

ryan@percussionpetroleum.com

Date: 11/16/18

Phone:
979-292-6279

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Pending BLM approvals will subsequently be reviewed and scanned

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NOV 16 2018

RECEIVED

WELL COMPLETION OR RE-COMPLETION REPORT AND LOG

Bold* fields are required.

Hucker Federal BH
30-015-44707

Section 1 - Completed by Operator	
1. BLM Office* Carlsbad, NM	2. Well Type* OIL
3. Completion Type* New Well	
Operating Company Information	
4. Company Name* PERCUSSION PETROLEUM OPERATING	
5. Address* 919 MILAM ST, SUITE 2475 HOUSTON TX 77002	6. Phone Number* 713-300-1853
Administrative Contact Information	
7. Contact Name* RYAN _ BARBER	8. Title* PETROLEUM ENGINEER
9. Address* 919 MILAM ST, SUITE 2475 HOUSTON TX 77002	10. Phone Number* 713-300-1853 _
	11. Mobile Number _____
12. E-mail* ryan@percussionpetroleum.com	13. Fax Number _____
Technical Contact Information	
<input checked="" type="checkbox"/> Check here if Technical Contact is the same as Administrative Contact.	
14. Contact Name* _____	15. Title* _____
16. Address* _____ _____ _____	17. Phone Number* _____ _____
	18. Mobile Number _____
19. E-mail* _____	20. Fax Number _____
Surface Location	
21. Specify location using one of the following methods: a) State, County, Section, Township, Range, Meridian, N/S Footage, E/W Footage, with Qtr/Qtr, Lot, or Tract b) State, County, Latitude, Longitude, Metes & Bounds description	
State* NM	County or Parish* EDDY

Pending BLM approvals will
subsequently be reviewed
and scanned

Section 34	Township 19S	Range 25E	Meridian NEW MEXICO PRINCIPAL	
Qtr/Qtr SESE	Lot # —	Tract # —	N/S Footage 542 FSL	E/W Footage 1172 FEL
Latitude 32.611217	Longitude 104.467827	Metes and Bounds		

Producing Interval Location

22. Specify location or

☐ Check here if the producing hole location is the same as the surface location.

State* NM	County or Parish* EDDY			
Section 3	Township 20S	Range 25E	Meridian NEW MEXICO PRINCIPAL	
Qtr/Qtr SESE	Lot # —	Tract # —	N/S Footage 20 FSL	E/W Footage 1054 FEL
Latitude —	Longitude —	Metes and Bounds		

Bottom Location

23. Specify location or

☐ Check here if the bottom hole location is the same as the surface location.

State* NM	County or Parish* EDDY			
Section 3	Township 20S	Range 25E	Meridian NEW MEXICO PRINCIPAL	
Qtr/Qtr SESE	Lot # —	Tract # —	N/S Footage 20 FSL	E/W Footage 1054 FEL
Latitude —	Longitude —	Metes and Bounds		

Lease and Agreement

24. Lease Serial Number* NMNM31200	
26. If Unit or CA/Agreement, Name and/or Number —	27. Field and Pool, or Exploratory Area* N. SEVEN RIVERS;GLOR-YESO

Well

28. Well Name* HUBER FEDERAL		29. Well Number* 8H		30. API Number 30-015-44717 30-015-44707	
31. Date Spudded 05/14/2018	32. Date T.D. Reached 05/21/2018		33. Date Completed 07/05/2018 <input type="checkbox"/> Dry & Abandoned <input checked="" type="checkbox"/> Ready to Produce		34. Elevations (DF, RKB, RT, GL) 3514 Ground Level
35. Total Depth: MD 7725 TVD 2667		36. Plug Back Total Depth: MD 7633 TVD 2667		37. Depth Bridge Plug Set: MD — TVD —	
38. Type Electric & Other Mechanical Logs Run			39.		

(Submit copy of each)

GR

Was Well Cored? ☒ No ☐ Yes (Submit Analysis)Was DST run? ☒ No ☐ Yes (Submit Report)Directional Survey? ☐ No ☒ Yes (Submit Copy)

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

Hole Size	Casing Size	Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks.	Slurry Vol. (BBL)	Cement Top	Amount Pulled
12.25	9.625	J-55	36	0	1306	—	560	—	0	—
8.75	7	L-80	32	0	2367	—	1765	—	0	—
8.75	5.5	L-80	17	2367	7724	—	1765	—	0	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—

41. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)
2.875	2369	—
—	—	—
—	—	—

42. Producing Intervals

Formation	Top (MD)	Bottom (MD)
A) YESO	—	—
B) —	—	—
C) —	—	—
D) —	—	—

43. Perforation Record

Top	Bottom	Size	No. Holes	Perf. Status
3135	7575	0.42	1440	OPEN
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—

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

Top	Bottom	Amount and Type of Material
3135	7575	4,446,334 LBS OF SAND IN SLICKWATER
—	—	—
—	—	—
—	—	—

45. Production Method and Well Status for Production Intervals

Production Method	Well Status
Electric Pump Sub-Surface	Producing Oil Well

46. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil (BBL)	Gas (MCF)	Water (BBL)	Oil Gravity Corr. API	Gas Gravity
08/01/2018	08/24/2018	24	>>>>>>	1568	844	2745	—	—
Choke Size	Tubing Pressure Flowing / Shut In	Casing Pressure	24 Hour Rate	Oil (BBL)	Gas (MCF)	Water (BBL)	Gas/Oil Ratio	
—	—	—	>>>>>>	1568	844	2745	538	—

47. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil (BBL)	Gas (MCF)	Water (BBL)	Oil Gravity Corr. API	Gas Gravity
_____	_____	_____	>>>>>	_____	_____	_____	_____	_____
Choke Size	Tubing Pressure Flowing / Shut In	Casing Pressure	24 Hour Rate	Oil (BBL)	Gas (MCF)	Water (BBL)	Gas/Oil Ratio	
_____	_____	_____	>>>>>	_____	_____	_____	_____	_____

48. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil (BBL)	Gas (MCF)	Water (BBL)	Oil Gravity Corr. API	Gas Gravity
_____	_____	_____	>>>>>	_____	_____	_____	_____	_____
Choke Size	Tubing Pressure Flowing / Shut In	Casing Pressure	24 Hour Rate	Oil (BBL)	Gas (MCF)	Water (BBL)	Gas/Oil Ratio	
_____	_____	_____	>>>>>	_____	_____	_____	_____	_____

49. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil (BBL)	Gas (MCF)	Water (BBL)	Oil Gravity Corr. API	Gas Gravity
_____	_____	_____	>>>>>	_____	_____	_____	_____	_____
Choke Size	Tubing Pressure Flowing / Shut In	Casing Pressure	24 Hour Rate	Oil (BBL)	Gas (MCF)	Water (BBL)	Gas/Oil Ratio	
_____	_____	_____	>>>>>	_____	_____	_____	_____	_____

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

Sold

51. 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.

52. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top (MD)
_____	_____	_____	_____	SAN ANDRES	872
_____	_____	_____	_____	GLORIETA	2551
_____	_____	_____	_____	YESO	2773
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

53. Additional remarks (include plugging procedure):

54. 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:

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

55. Name

RYAN _ BARBER

56. Title

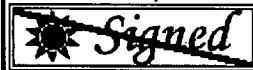
PETROLEUM ENGINEER

57. Date* (MM/DD/YYYY)

10/30/2018

58. Signature*

You have the ability to sign this form only if a SmartCard or digital certificate has been issued to you.



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.

Section 2 - System Receipt Confirmation

59. Transaction

60. Date Sent

61. Processing Office

Section 3 - Internal Review #1 Status

62. Review Category

63. Date Completed

64. Reviewer Name

65. Comments

Section 4 - Internal Review #2 Status

66. Review Category	67. Date Completed	68. Reviewer Name
69. Comments		

Section 5 - Internal Review #3 Status		
70. Review Category	71. Date Completed	72. Reviewer Name
73. Comments		

Section 6 - Internal Review #4 Status		
74. Review Category	75. Date Completed	76. Reviewer Name
77. Comments		

Section 7 - Final Approval Status			
78. Disposition	79. Date Completed	80. Reviewer Name	81. Reviewer Title
82. Comments			

INSTRUCTIONS

GENERAL: This form is designed for submitting a complete and correct well completion/recompletion report and log on all types of wellson Federal and Indian leases to a Federal agency, pursuant to applicable Federal laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal office.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, and all types electric), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal laws and regulations. All attachments should be listed on this form, see item 33.

ITEMS 24, 22, and 23: Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local Federal office for specific instructions.

ITEM 34: Indicate which reported elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

ITEM 40: Show how reported top(s) of cement were determined, i.e. circulated (CIR), or calculated (CAL), or cement bond log (CBL), or temperature survey (TS).

PRIVACY ACT

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is to be used to evaluate the actual operations performed in the drilling, completing and testing of a well on a Federal or Indian lease.

ROUTINE USES: (1) Evaluate the equipment and procedures used during the drilling and completing/recompleting of a well. (2) The review of geologic zones and formation encountered during drilling. (3) Analyze future applications to drill in light of data obtained and methods used. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this report and disclosure of the information is mandatory once a well drilled on a Federal or Indian lease is completed/recompleted.

The Paperwork Reduction Act of 1995 requires us to inform you that:

This information is being collected to allow evaluation of the technical, safety, and environmental factors involved with drilling and completing/recompleting wells on Federal and Indian oil and gas leases.

This information will be used to analyze operations and to compare equipment and procedures actually used with those proposed and approved.

Response to this request is mandatory only if the operator elects to initiate drilling completing/recompleting and operations on an oil and gas lease.

BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT

Public reporting burden for this form is estimated to average 60 minutes per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer, (WO-630), MS 401 LS, 1849 C Street, N.W., Washington, D.C. 20240.

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS NM OIL CONSERVATION
ARTESIA DISTRICT

Do not use this form for proposals to drill or to re-enter an abandoned well NOV 19 2018
Use Form 3160-3 (APD) for such proposals.

Bold* fields are required.

RECEIVED

Haker Federal #84
30-015-44707

Section 1 - Completed by Operator

1. BLM Office* Carlsbad, NM	2. Well Type* OIL
3. Submission Type* <input type="radio"/> Notice of Intent <input checked="" type="radio"/> Subsequent Report	4. Action* Hydraulic Fracturing

Operating Company Information

5. Company Name* PERCUSSION PETROLEUM OPERATING	
6. Address* 919 MILAM ST., SUITE 2475 HOUSTON TX 77002	7. Phone Number* 713-300-1853

Administrative Contact Information

8. Contact Name* RYAN _ BARBER	9. Title* PETROLEUM ENGINEER
10. Address* 919 MILAM ST, SUITE 2475 HOUSTON TX 77002	11. Phone Number* 713-300-1853
13. E-mail* ryan@percussionpetroleum.com	12. Mobile Number _____ 14. Fax Number _____

Technical Contact Information

<input checked="" type="checkbox"/> Check here if Technical Contact is the same as Administrative Contact.	
15. Contact Name* _____	16. Title* _____
17. Address* _____ _____ _____	18. Phone Number* _____ 19. Mobile Number _____ 20. E-mail* _____ 21. Fax Number _____

Pending BLM approvals will
subsequently be reviewed
and scanned

Lease and Agreement

22. Lease Serial Number* _____	<i>Was not submitted with completion paperwork</i>
--	--

NMNM31200

24. If Unit or CA/Agreement, Name and/or Number

25. Field and Pool, or Exploratory Area*
N.SEVEN RIVERS;GLOR-YESO

County and State for Well

26. County or Parish, State*

EDDY NM

Associated Well Information

27. Specify well using one of the following methods:

- a) Well Name, Well Number, API Number, Section, Township, Range, Qtr/Qtr, N/S Footage, E/W Footage
 b) Well Name, Well Number, API Number, Latitude, Longitude, Metes & Bounds description

Well Name*

HUBER FEDERAL

Well Number*

8H

API Number

30-015-44717

Section

34

Township

19S

Range

25E

Meridian

NEW MEXICO PRINCIPAL

Qtr/Qtr

SESE

N/S Footage

542 FSL

E/W Footage

1172 FEL

Latitude

32.611217

Longitude

104.467827

Metes and Bounds

28. 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 markers and zones. Attach the Bond under which the work will be performed or provide the Bond Number on file pertinent 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.

Perforate well from 3135'-7575' and frac w/4,446,334 lbs of sand in slickwater

I hereby certify that the foregoing is true and correct.

29. Name*

RYAN _ BARBER

30. Title

PETROLEUM ENGINEER

31. Date* (MM/DD/YYYY)11/19/2018 **32. Signature***

You have the ability to sign this form only if a SmartCard or digital certificate has been issued to you.

A rectangular stamp with a decorative border. Inside, on the left, is a stylized sunburst icon. To the right of the icon, the word "Signed" is written in a cursive, script font.

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.

Section 2 - System Receipt Confirmation**33. Transaction**
_____**34. Date Sent**
_____**35. Processing Office**
_____**Section 3 - Internal Review #1 Status****36. Review Category**
_____**37. Date Completed**
_____**38. Reviewer Name**
_____**39. Comments**

Section 4 - Internal Review #2 Status**40. Review Category**
_____**41. Date Completed**
_____**42. Reviewer Name**
_____**43. Comments**

Section 5 - Internal Review #3 Status**44. Review Category**
_____**45. Date Completed**
_____**46. Reviewer Name**
_____**47. Comments**

Section 6 - Internal Review #4 Status**48. Review Category**
_____**49. Date Completed**
_____**50. Reviewer Name**
_____**51. Comments**

Section 7 - Final Approval Status

52. Disposition	53. Date Completed	54. Reviewer Name	55. Reviewer Title
56. Comments			

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard local area, or regional procedures and practices, either are shown below will be issued by, or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 27 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 28 - Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well and date well site conditioned for final inspection looking to approval of the abandonment.

NOTICE

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

This information is being collected to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT

Public reporting burden for this form is estimated to average 25 minutes per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0135), Bureau Information Collection Clearance Officer, (WO-630), Mail Stop 401 LS, 1849 C St., N.W., LS, Washington D.C. 20240