

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

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

NM OIL CONSERVATION
ARTESIA DISTRICT
MAY 15 2019
Form C-104
Revised August 1, 2011
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 NW
⁴ API Number 30 - 015-44685	⁵ Pool Name North Seven Rivers; Glorieta/Yeso	⁶ Pool Code 97565
⁷ Property Code 320768	⁸ Property Name South Boyd Federal Com	⁹ Well Number 18H

II. 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
B	34	19S	25E		486	North	1359	East	Eddy

¹¹ 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
B	27	19S	25E		20	North	1395	East	Eddy

¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 5/4/19	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
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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 6/17/18	²² Ready Date 8/20/18	²³ TD 8187'	²⁴ PBTB 8023'	²⁵ Perforations 3342'-8026'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
12-1/4"	9-5/8"	1304'	716 (circ)		
8-3/4"	7"	2486'	1840 (circ)		
8-3/4"	5.5"	8187'	1840 (circ)		

V. Well Test Data

³¹ Date New Oil 9/18/18	³² Gas Delivery Date 5/4/19	³³ Test Date 11/12/18	³⁴ Test Length 24	³⁵ Tbg. Pressure 250	³⁶ Csg. Pressure 100
³⁷ Choke Size 0	³⁸ Oil 977	³⁹ Water 3806	⁴⁰ Gas 391		⁴¹ Test Method P

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: 5/14/19

Phone:

979-292-6279

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Pending BLM approvals will subsequently be reviewed and scanned

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RE-COMPLETION REPORT AND LOG N 1 3 2019

HOBBS OCD
RECEIVED

15-44685

Bold* fields are required.

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 LLC

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

☒ 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
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 NWNE	Lot # —	Tract # —	N/S Footage 486 FNL	E/W Footage 1359 FEL
Latitude 32.623094	Longitude 104.468346	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 27	Township 19S	Range 25E	Meridian NEW MEXICO PRINCIPAL	
Qtr/Qtr NWNE	Lot # —	Tract # —	N/S Footage 20 FNL	E/W Footage 1395 FEL
Latitude 32.638737	Longitude 104.468731	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 27	Township 19S	Range 25E	Meridian NEW MEXICO PRINCIPAL	
Qtr/Qtr NWNE	Lot # —	Tract # —	N/S Footage 20 FNL	E/W Footage 1395 FEL
Latitude 32.638737	Longitude 104.468731	Metes and Bounds		

Lease and Agreement

24. Lease Serial Number* NMNM0504364B	
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* SOUTH BOYD FEDERAL COM		29. Well Number* 18H		30. API Number 30-015-44685	
31. Date Spudded 06/17/2018	32. Date T.D. Reached 06/24/2018	33. Date Completed 09/13/2018 <input type="checkbox"/> Dry & Abandoned <input checked="" type="checkbox"/> Ready to Produce		34. Elevations (DF, RKB, RT, GL) 3521 Ground Level	
35. Total Depth: MD 8187 TVD 2736		36. Plug Back Total Depth: MD 8037 TVD 2745		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	1304	—	716	—	0	—
8.75	7	L-80	32	0	2486	—	1840	—	0	—
8.75	5.5	L-80	17	2486	8187	—	1840	—	0	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—

41. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)
2.875	2516	—
—	—	—
—	—	—

42. Producing Intervals

Formation	Top (MD)	Bottom (MD)
A) YESO	3342	8026
B) —————	—	—
C) —————	—	—
D) —————	—	—

43. Perforation Record

Top	Bottom	Size	No. Holes	Perf. Status
3342	8026	0.42	1500	OPEN
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—

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

Top	Bottom	Amount and Type of Material
3342	8026	7,489,000 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
09/13/2018	11/12/2018	24	>>>>>	977	391	3806	—	—
Choke Size	Tubing Pressure Flowing / Shut In	Casing Pressure	24 Hour Rate	Oil (BBL)	Gas (MCF)	Water (BBL)	Gas/Oil Ratio	
—	250	—	>>>>>	977	391	3806	400	

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.)

Flared

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	843
_____	_____	_____	_____	GLORIETA	2436
_____	_____	_____	_____	YESO	2620
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

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

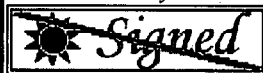
PETROLEUM ENGINEER

57. Date* (MM/DD/YYYY)

04/22/2019

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

462326

60. Date Sent

04/22/2019

61. Processing Office

Carlsbad, NM

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
<hr/>	<hr/>	<hr/>
69. Comments		
<hr/>		

Section 5 - Internal Review #3 Status

70. Review Category	71. Date Completed	72. Reviewer Name
<hr/>	<hr/>	<hr/>
73. Comments		
<hr/>		

Section 6 - Internal Review #4 Status

74. Review Category	75. Date Completed	76. Reviewer Name
<hr/>	<hr/>	<hr/>
77. Comments		
<hr/>		

Section 7 - Final Approval Status

78. Disposition	79. Date Completed	80. Reviewer Name	81. Reviewer Title
<hr/>	<hr/>	<hr/>	<hr/>
82. Comments			
<hr/>			

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.