

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
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Energy Minerals and Natural Resources

Form C-101
Revised July 18, 2013

Oil Conservation Division **OCT 03 2018** ☒ **AMENDED REPORT**
Replaces APD dated 6-7-18

1220 South St. Francis Dr.
Santa Fe, NM 87505 **DISTRICT II-ARTESIA O.C.D.**

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Ridge Runner Resources Operating, LLC 1004 N. Big Spring St., Suite 325 Midland TX 79701 (432) 684-7877		² OGRID Number 373013
³ Property Code 322662		⁴ API Number 30-015- 45309
⁵ Property Name Viking Fee SWD		⁶ Well No. 1

⁷ Surface Location

UL - Lot B	Section 22	Township 22 S	Range 28 E	Lot Idn	Feet from 660	N/S Line N	Feet From 2325	E/W Line E	County Eddy
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⁸ Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
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⁹ Pool Information

Pool Name SWD; Devonian-Silurian	Pool Code 97869
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Additional Well Information

¹¹ Work Type N	¹² Well Type S	¹³ Cable/Rotary R	¹⁴ Lease Type P	¹⁵ Ground Level Elevation 3110'
¹⁶ Multiple N	¹⁷ Proposed Depth 15040'	¹⁸ Formation Silurian	¹⁹ Contractor TBD	²⁰ Spud Date upon C-108 approval
Depth to Ground water 115' (in C 03534 POD1)		Distance from nearest fresh water well 11821' S of C 03534 POD1		Distance to nearest surface water 1.9 miles SE of stock tanks

We will use a closed-loop system instead of lined pits.

²¹ Proposed Casing and Cement Program

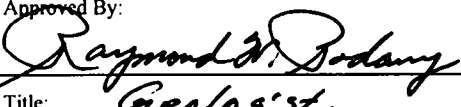
Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Conductor	30"	20"	conductor	80'	TBD	GL
Surface	17.5"	13.375"	48	400'	350	GL
Intermed.	12.25"	9.625"	47	9900'	1950	GL
Production	8.5"	7.625"	39 FJ	9700' - 13910'	325	9700'

Casing/Cement Program: Additional Comments

Will complete open (6.5") hole 13910' - 15040'

²² Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
annular & rams	5000 psi	5000 psi	to be determined

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that I have complied with 19.15.14.9 (A) NMAC <input type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input type="checkbox"/> , if applicable. Signature:	<div align="center">OIL CONSERVATION DIVISION</div> Approved By:  Title: Geologist Approved Date: 10-10-18 Expiration Date: 10-10-20 Conditions of Approval Attached Approved C-108
Printed name: Brian Wood	
Title: Consultant	
E-mail Address: brian@permitswest.com	
Date: 6-28-18	Phone: 505 466-8120

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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED

OCT 03 2018

Form C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

DISTRICT II-ARTESIA O.C.D.

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015- 45309		² Pool Code 97869		³ Pool Name SWD;Devonian-Silurian	
⁴ Property Code 322662		⁵ Property Name VIKING FEE SWD			⁶ Well Number 1
⁷ OGRID NO. 373013		⁸ Operator Name RIDGE RUNNER RESOURCES OPERATING, LLC.			⁹ Elevation 3110'

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	22	22S	28E		660	NORTH	2325	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.

No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

<p>N 89°57'44" E 2652.41'</p> <p>N 89°36'05" E 2660.82'</p> <p>N 89°32'55" E 2658.96'</p> <p>N 89°41'54" W 2659.57'</p> <p>N 00°02'14" W 5304.78'</p> <p>N 00°06'20" E 2656.76'</p> <p>S 00°04'54" E 2661.33'</p>		<p>¹⁷ OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased 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 a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature: <i>Brian Wood</i> Date: 10-2-18</p> <p>Printed Name: Brian Wood</p> <p>E-mail Address: brian@permitswest.com</p> <p>505 466-8120</p>
<p>¹⁸ SURVEYOR CERTIFICATION</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>9-25-2018</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p> <p>10034</p> <p>Certificate Number</p>		<p>JEFFREY L. FANSLER</p> <p>NEW MEXICO</p> <p>10034</p> <p>PROFESSIONAL SURVEYOR</p>

Job No.: LS1808991SWD

RWP 10-10-18