

**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 Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Form C-101  
August 1, 2011  
Permit 257666

**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 Street Midland, TX 79701		2. OGRID Number 373013
4. Property Code 322496		3. API Number 30-015-45289
5. Property Name BIG CHIEF STATE COM 15 16 W		6. Well No. 002H

**7. Surface Location**

UL - Lot N	Section 15	Township 22S	Range 28E	Lot Idn N	Feet From 330	N/S Line S	Feet From 2540	E/W Line W	County Eddy
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**8. Proposed Bottom Hole Location**

UL - Lot M	Section 16	Township 22S	Range 28E	Lot Idn M	Feet From 330	N/S Line S	Feet From 100	E/W Line W	County Eddy
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**9. Pool Information**

PURPLE SAGE;WOLFCAMP (GAS)	98220
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**Additional Well Information**

11. Work Type New Well	12. Well Type GAS	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3109
16. Multiple N	17. Proposed Depth 18075	18. Formation Wolfcamp	19. Contractor	20. Spud Date
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits

**21. Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	350	350	0
Int1	12.25	9.625	47	9875	1900	0
Prod	8.5	5.5	17	18075	1800	9375

**Casing/Cement Program: Additional Comments**

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**22. Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	5000	4000	

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify I have complied with 19.15.14.9 (A) NMAC <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> if applicable.  Signature: _____ Printed Name: Electronically filed by Michelle Sena Title: _____ Email Address: msena@3ROperating.com Date: 9/27/2018	<div style="text-align: center;"><b>OIL CONSERVATION DIVISION</b></div> Approved By: Raymond Podany Title: Geologist Approved Date: 10/1/2018      Expiration Date: 10/1/2020 Conditions of Approval Attached
Phone: 432-684-7877	

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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

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number	<sup>2</sup> Pool Code	<sup>3</sup> Pool Name
<sup>4</sup> Property Code	<sup>5</sup> Property Name <b>BIG CHIEF STATE COM 15-16 W</b>	
<sup>7</sup> OGRID NO.	<sup>8</sup> Operator Name <b>RIDGE RUNNER RESOURCES OPERATING, LLC.</b>	<sup>6</sup> Well Number <b>2H</b>
		<sup>9</sup> Elevation <b>3109'</b>

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
N	15	22S	28E		330	SOUTH	2540	WEST	EDDY

<sup>11</sup> 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
M	16	22S	28E		330	SOUTH	100	WEST	EDDY

<sup>12</sup> Dedicated Acres	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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><sup>16</sup> <b>GEODETIC DATA</b> NAD 83 GRID - NM EAST <b>SURFACE LOCATION (S.L.)</b> N 504424.3 - E 620834.9 LAT: 32.3864681° N LONG: 104.0757946° W</p> <p><b>BOTTOM HOLE LOCATION (B.H.L.)</b> N 504337.9 - E 613049.7 LAT: 32.3862796° N LONG: 104.1010158° W</p>	<p><b>CORNER DATA</b> NAD 83 GRID - NM EAST</p> <p>A: FOUND BRASS CAP "1943" N 504006.3 - E 612949.6</p> <p>B: FOUND BRASS CAP "1943" N 506679.8 - E 612950.3</p> <p>C: FOUND BRASS CAP "1943" N 509353.8 - E 612951.3</p> <p>D: FOUND BRASS CAP "1943" N 509368.4 - E 615616.2</p> <p>E: FOUND BRASS CAP "1943" N 509382.9 - E 618281.0</p> <p>F: FOUND BRASS CAP "1943" N 509405.1 - E 620952.8</p> <p>G: FOUND BRASS CAP "1943" N 509426.3 - E 623625.2</p> <p>H: FOUND BRASS CAP "1943" N 506773.0 - E 623623.5</p>	<p>I: FOUND BRASS CAP "1943" N 504112.9 - E 623608.4</p> <p>J: FOUND BRASS CAP "1943" N 504094.4 - E 620946.2</p> <p>K: FOUND BRASS CAP "1943" N 504092.7 - E 618296.4</p> <p>L: FOUND BRASS CAP "1943" N 504049.7 - E 615622.3</p> <p>M: FOUND BRASS CAP "1943" N 506738.4 - E 618288.7</p>	<p><sup>17</sup> <b>OPERATOR CERTIFICATION</b> 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: <u>Michelle Sena</u> Date: <u>8/24/18</u> Printed Name: <u>Michelle Sena</u> E-mail Address: <u>msena@3roperating.com</u></p>
<p>S 89°41'04" W 2665.56' (D) S 89°41'19" W 2665.47' (E) S 89°31'27" W 2672.49' (F) S 89°30'13" W 2673.11' (G)</p> <p>S 89°04'12" W 2673.61' (L) S 89°04'44" W 2675.11' (K) N 89°57'44" E 2652.41' (J) N 89°36'05" E 2660.82' (I)</p> <p>N 00°00'47" E 2674.08" (B) N 00°01'22" E 2674.63" (C)</p> <p>N 00°00'47" E 2674.08" (B) N 00°01'22" E 2674.63" (C)</p> <p>N 00°19'33" E 2660.70' (H) N 00°02'14" E 2655.92' (G)</p> <p>N 00°10'00" W 2645.17' (M) N 00°10'00" W 2646.33' (L)</p> <p>100' 330' B.H.L. S 89°21'51" W 7787.47' 2540' S.L. 330'</p> <p>16 15</p>			<p><sup>18</sup> <b>SURVEYOR CERTIFICATION</b> 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>8-15-2018 Date of Survey</p> <p>Signature and Seal of Professional Surveyor: <u>Jeffrey L. Fansler</u></p> <p>10034 Certificate Number</p> <p>Job No.: LS1808991 W 2H</p>

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Form APD Comments

Permit 257666

**PERMIT COMMENTS**

Operator Name and Address: Ridge Runner Resources Operating, LLC [373013] 1004 N. Big Spring Street Midland, TX 79701		API Number: 30-015-45289
		Well: BIG CHIEF STATE COM 15 16 W #002H

Created By	Comment	Comment Date
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Form APD Conditions

Permit 257666

**PERMIT CONDITIONS OF APPROVAL**

Operator Name and Address: Ridge Runner Resources Operating, LLC [373013] 1004 N. Big Spring Street Midland, TX 79701		API Number: 30-015-45289
		Well: BIG CHIEF STATE COM 15 16 W #002H

OCD Reviewer	Condition
rpodany	Will require a directional survey with the C-104
rpodany	Cement is required to circulate on both surface and intermediate1 strings of casing