

**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 262282

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

1. Operator Name and Address RKI EXPLORATION & PRODUCTION, LLC 3817 NW Expressway Oklahoma City, OK 73112		2. OGRID Number 246289
4. Property Code 324865		3. API Number 30-015-45643
5. Property Name COLLIE 35 34 22 27 FEE		6. Well No. 401H

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
L	36	22S	27E		2338	S	427	W	Eddy

**8. Proposed Bottom Hole Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
E	34	22S	27E	E	1746	N	230	W	Eddy

**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 Private	15. Ground Level Elevation 3079
16. Multiple N	17. Proposed Depth 19455	18. Formation Wolfcamp	19. Contractor	20. Spud Date 4/19/2019
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	54.5	353	395	0
Int1	12.25	9.625	40	5751	1315	0
Int2	8.75	7	29	9684	771	0
Prod	6.125	4.5	13.5	19455	1162	8469

**Casing/Cement Program: Additional Comments**

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**22. Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	1500	Cameron
Pipe	10000	5000	Cameron
Pipe	10000	5000	Cameron
Blind	10000	5000	Cameron

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 ☒ and/or 19.15.14.9 (B) NMAC ☒ if applicable.

**OIL CONSERVATION DIVISION**

Signature:

Printed Name: Electronically filed by Roxana M Day

Title:

Email Address: roxana.day@wpenergy.com

Date: 1/18/2019

Phone: 539-573-5278

Approved By: Raymond Podany

Title: Geologist

Approved Date: 1/22/2019

Expiration Date: 1/22/2021

Conditions of Approval Attached

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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 98220		<sup>3</sup> Pool Name PURPLE SAGE WOLFCAMP GAS POOL	
<sup>4</sup> Property Code		<sup>5</sup> Property Name COLLIE 35-34-22-27 FEE			<sup>6</sup> Well Number 401H
<sup>7</sup> OGRID No. 246289		<sup>8</sup> Operator Name RKI EXPLORATION & PRODUCTION, LLC			<sup>9</sup> Elevation 3,079'

<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
L	36	22 S	27 E		2,338	SOUTH	427	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
E	34	22 S	27 E		1,746	NORTH	230	WEST	EDDY

<sup>12</sup> Dedicated Acres 640 AC N/2	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

		<p><b><sup>17</sup> 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: <i>Larry E. Rader</i> Date: 1/15/19 Printed Name: Larry E. Rader E-mail Address: larry.rader@wpxenergy.com</p>
<p><b>SURFACE HOLE LOCATION</b> NAD 83 (NME) Y= 490,402.1 X= 597,781.9 LAT.= 32.348054°N LONG.= 104.150554°W NAD 27 (NME) Y= 490,342.7 X= 556,600.4 LAT.= 32.347935°N LONG.= 104.150053°W</p> <p><b>FIRST TAKE POINT</b> NAD 83 (NME) Y= 491,660.7 X= 597,049.4 LAT.= 32.351517°N LONG.= 104.152919°W NAD 27 (NME) Y= 491,601.3 X= 555,868.0 LAT.= 32.351398°N LONG.= 104.152418°W</p>	<p><b>LAST TAKE POINT</b> NAD 83 (NME) Y= 491,623.3 X= 587,161.8 LAT.= 32.351456°N LONG.= 104.184939°W NAD 27 (NME) Y= 491,564.0 X= 545,980.5 LAT.= 32.351337°N LONG.= 104.184436°W</p> <p><b>BOTTOM HOLE LOCATION</b> NAD 83 (NME) Y= 491,622.9 X= 587,061.7 LAT.= 32.351455°N LONG.= 104.185263°W NAD 27 (NME) Y= 491,563.6 X= 545,880.4 LAT.= 32.351336°N LONG.= 104.184760°W</p>	<p><b><sup>18</sup> 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>01-11-2019 Date of Survey</p> <p>Signature and Seal of Professional Surveyor: <i>Mark Dillon Harp</i></p> <p>MARK DILLON HARP 23786 Certificate Number RR 2018051183</p>

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**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Form APD Comments

Permit 262282

**PERMIT COMMENTS**

Operator Name and Address: RKI EXPLORATION & PRODUCTION, LLC [246289] 3817 NW Expressway Oklahoma City, OK 73112		API Number: 30-015-45643
		Well: COLLIE 35 34 22 27 FEE #401H
Created By	Comment	Comment Date
lrader	We plan to drill a pilot hole on this well. As such, we will include our planned plugback cementing information for your review and approval.	1/18/2019

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Form APD Conditions  
  
Permit 262282

**PERMIT CONDITIONS OF APPROVAL**

Operator Name and Address: RKI EXPLORATION & PRODUCTION, LLC [246289] 3817 NW Expressway Oklahoma City, OK 73112		API Number: 30-015-45643
		Well: COLLIE 35 34 22 27 FEE #401H
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	