

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 259623

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 322933		3. API Number 30-015-45471
5. Property Name BLOODHOUND 15 23 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
H	15	23S	27E		1493	N	460	E	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	15	23S	27E	E	2381	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 3115
16. Multiple N	17. Proposed Depth 14115	18. Formation Wolfcamp	19. Contractor	20. Spud Date 1/10/2019
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	373	374	0
Int1	12.25	9.625	40	2199	496	0
Int2	8.75	7	29	9396	785	0
Prod	6.125	4.5	13.5	13858	580	8273

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	Approved By: Raymond Podany
Title:	Title: Geologist
Email Address: roxana.day@wpenergy.com	Approved Date: 11/30/2018 Expiration Date: 11/30/2020
Date: 11/29/2018 Phone: 539-573-5278	Conditions of Approval Attached

Oilwell
 1521 N. Francisco, Suite 100, Santa Fe, NM 87505
 Phone: (505) 767-6131 Fax: (505) 767-6131
Oilwell
 500 S. First St., Suite 200, Santa Fe, NM 87501
 Phone: (505) 768-1740 Fax: (505) 768-4970
Oilwell
 1000 Rio Blanco Road, Suite 200, Santa Fe, NM 87505
 Phone: (505) 834-5000 Fax: (505) 834-6000
 Denver, CO
 1521 N. St. Francis Dr., Suite 100, Santa Fe, NM 87505
 Phone: (505) 768-1740 Fax: (505) 768-4970

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number		² Well Code 08220	³ Pool Name PURPLE SAGE WOLFCAMP GAS POOL
⁴ Property Code	⁵ Property Name BLOODHOUND 15 23 27 TEE		⁶ Well Number 46011
⁷ UGRIED No. 046289	⁸ Operator Name RRI EXPLORATION & PRODUCTION, LLC		⁹ Direction 3,115

Surface Location

UT or IN zone	Section	Township	Range	East/In	Feet from line	North/South line	Feet from line	East/West line	County
10	15	23 S	27 E		1,493	NORTH	493	EAST	EDDY

Bottom Hole Location If Different From Surface

UT or IN zone	Section	Township	Range	East/In	Feet from line	North/South line	Feet from line	East/West line	County
10	15	23 S	27 E		2,581	NORTH	550	WEST	EDDY

¹⁰ Dedicated Acres 5.01 ACROSS 1/2	¹¹ Joint or Infill	¹² Completion Code	¹³ 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.

BOTTOM HOLE LOCATION NAD 83 NVE Y= 475,105.8 X= 588,042.8 LAT= 32.300353°N LONG= 104.186721°W SURFACE HOLE LOCATION NAD 83 NVE Y= 475,105.8 X= 588,042.8 LAT= 32.300353°N LONG= 104.186721°W PRODUCING AREA LAST TIME POINT NAD 83 NVE Y= 475,105.8 X= 588,042.8 LAT= 32.300353°N LONG= 104.186721°W FIRST TIME POINT NAD 83 NVE Y= 475,105.8 X= 588,042.8 LAT= 32.300353°N LONG= 104.186721°W	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and correct to the best of my knowledge and belief, and that I am a duly qualified and licensed professional surveyor in the State of New Mexico. I am not aware of any fraud or other illegal activity in connection with this survey. I am not aware of any fraud or other illegal activity in connection with this survey. I am not aware of any fraud or other illegal activity in connection with this survey. Signature: <i>Josh Walker</i> Date: 11/21/18 Printed Name: Josh Walker Email: josh.walker@wp-energy.com SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual survey made by me or under my supervision, and that the same is true and correct to the best of my belief. 11-25-2018 District Survey Approved and Sealed Professional Surveyor <i>Mark Dillon</i> MARK DILLON NEW MEXICO 25786 PROFESSIONAL SURVEYOR Office Number: 125W 300289000
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1220 S. St Francis Dr.
Santa Fe, NM 87505

Form APD Comments

Permit 259623

PERMIT COMMENTS

Operator Name and Address: RKI EXPLORATION & PRODUCTION, LLC [246289] 3817 NW Expressway Oklahoma City, OK 73112		API Number: 30-015-45471
		Well: BLOODHOUND 15 23 27 FEE #401H

Created By	Comment	Comment Date
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Form APD Conditions

Permit 259623

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address:		API Number:
RKI EXPLORATION & PRODUCTION, LLC [246289]		30-015-45471
3817 NW Expressway		Well:
Oklahoma City, OK 73112		BLOODHOUND 15 23 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	