

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 253806

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 321560		3. API Number 30-015-45043
5. Property Name CASS DRAW 10 23 27		6. Well No. 401H

7. Surface Location

UL - Lot H	Section 9	Township 23S	Range 27E	Lot Idn H	Feet From 2619	N/S Line N	Feet From 338	E/W Line E	County Eddy
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8. Proposed Bottom Hole Location

UL - Lot I	Section 10	Township 23S	Range 27E	Lot Idn I	Feet From 2178	N/S Line S	Feet From 230	E/W Line E	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 Private	15. Ground Level Elevation 3116
16. Multiple N	17. Proposed Depth 14377	18. Formation Wolfcamp	19. Contractor	20. Spud Date 9/30/2018
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	400	402	0
Int1	12.25	9.625	40	2128	574	0
Int2	8.75	7	29	9427	741	0
Prod	6.125	4.5	13.5	14432	452	8377

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: 6/21/2018

Phone: 539-573-5278

Approved By: Raymond Podany

Title: Geologist

Approved Date: 6/22/2018

Expiration Date: 6/22/2020

Conditions of Approval Attached

10/20/11
 1111 N. Franklin Dr., Santa Fe, NM 87501
 Phone: (505) 994-4101 Fax: (505) 994-4125
 10/20/11
 1111 N. Franklin Dr., Santa Fe, NM 87501
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State of New Mexico
 Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87535

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number		2. Pool Code	3. Pool Name
		08220	PURCHASE WOLF CREEK GAS POOL
4. Property Code	5. Property Name		6. Well Number
	CASE DRAW 10 23 27 E28		4913
7. CORREL No.	8. Operator Name		9. Elevation
	RKT EXPLORATION & PRODUCTION, LLC		5,116'

10. Surface Location

UL or Lat/lon	Section	Township	Range	East/West	Feet from the	North/South line	Feet from the	East/West line	County
E	9	23 S	27 E		2,619	NORTH	338	EAST	EDDY

11. Bottom Hole Location If Different From Surface

UL or Lat/lon	Section	Township	Range	East/West	Feet from the	North/South line	Feet from the	East/West line	County
E	10	23 S	27 E		2,178	SOUTH	230	EAST	EDDY

12. Dedicating Agent	13. Print or Seal	14. Consolidation Code	15. Order No.
COAL RES, NYS			

No allowable will be assigned to this completion until all interests have been consolidated or a non-standing unit has been approved by the Division.

16. 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 duly qualified to perform the duties of an operator under the provisions of the New Mexico Oil and Gas Conservation Act, and that I am duly licensed by the State of New Mexico to perform the duties of an operator under the provisions of the New Mexico Oil and Gas Conservation Act. <i>Josh Walker</i> 4/9/15 Signature Date Josh Walker Printed Name josh.walker@wpc-energy.com E-mail Address			
17. SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was obtained from field notes of actual surveys made by me or under my supervision, and that the notes are true and correct to the best of my belief. 04-09-2018 Date of Survey Signature of Surveyor Mark Dillon HARP Printed Name 23786 Professional Surveyor License Number			

GEODETIC COORDINATES
 NAD 27 NME
 SURFACE LOCATION
 Y= 480,040.3
 X= 545,140.3
 LAT= 32.318533°N
 LONG= 104.187232°W

LAST TAKE POINT
 NAD 27 NME
 SURFACE LOCATION
 Y= 479,820.2
 X= 550,420.2
 LAT= 32.318453°N
 LONG= 104.172118°W

GEODETIC COORDINATES
 NAD 83 NME
 SURFACE LOCATION
 Y= 480,040.3
 X= 545,140.3
 LAT= 32.318533°N
 LONG= 104.187232°W

LAST TAKE POINT
 NAD 83 NME
 SURFACE LOCATION
 Y= 479,820.2
 X= 550,420.2
 LAT= 32.318453°N
 LONG= 104.172118°W

FIRST TAKE POINT
 NAD 27 NME
 SURFACE LOCATION
 Y= 479,820.2
 X= 545,140.3
 LAT= 32.318533°N
 LONG= 104.187232°W

BOTTOM HOLE LOCATION
 NAD 27 NME
 SURFACE LOCATION
 Y= 479,820.2
 X= 550,420.2
 LAT= 32.318453°N
 LONG= 104.172118°W

FIRST TAKE POINT
 NAD 83 NME
 SURFACE LOCATION
 Y= 479,820.2
 X= 545,140.3
 LAT= 32.318533°N
 LONG= 104.187232°W

BOTTOM HOLE LOCATION
 NAD 83 NME
 SURFACE LOCATION
 Y= 479,820.2
 X= 550,420.2
 LAT= 32.318453°N
 LONG= 104.172118°W

CORNER COORDINATES TABLE
 NAD 27 NME
 A - Y= 479,747.2 N, X= 545,501.7 E
 B - Y= 480,040.3 N, X= 545,477.7 E
 C - Y= 479,748.8 N, X= 545,141.2 E
 D - Y= 440,083.2 N, X= 548,111.4 E
 E - Y= 479,748.5 N, X= 550,703.0 E
 F - Y= 480,070.5 N, X= 550,744.1 E

CORNER COORDINATES TABLE
 NAD 83 NME
 A - Y= 479,748.2 N, X= 545,502.3 E
 B - Y= 480,040.3 N, X= 545,478.3 E
 C - Y= 479,749.3 N, X= 545,142.3 E
 D - Y= 440,084.3 N, X= 548,112.4 E
 E - Y= 479,749.6 N, X= 550,704.7 E
 F - Y= 480,071.6 N, X= 550,745.1 E

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Santa Fe, NM 87505

Form APD Comments

Permit 253806

PERMIT COMMENTS

Operator Name and Address: RKI EXPLORATION & PRODUCTION, LLC [246289] 3817 NW Expressway Oklahoma City, OK 73112		API Number: 30-015-45043
		Well: CASS DRAW 10 23 27 #401H

Created By	Comment	Comment Date
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Form APD Conditions

Permit 253806

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: RKI EXPLORATION & PRODUCTION, LLC [246289] 3817 NW Expressway Oklahoma City, OK 73112		API Number: 30-015-45043
		Well: CASS DRAW 10 23 27 #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	