

# NM OIL CONSERVATION ARTESIA DISTRICT

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 Pecos Road, Artec, 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  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

JUN 21 2018

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

RECEIVED

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number <b>30-015-45043</b>	<sup>2</sup> Pool Code 98220	<sup>3</sup> Pool Name PURPLE SAGE WOLFCAMP GAS POOL
<sup>4</sup> Property Code <b>321560</b>	<sup>5</sup> Property Name CASS DRAW 10-23-27 FEE	<sup>6</sup> Well Number 401H
<sup>7</sup> OGRID No. <b>246289</b>	<sup>8</sup> Operator Name RKI EXPLORATION & PRODUCTION, LLC	<sup>9</sup> Elevation 3,116'

### <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
H	9	23 S	27 E		2,619	NORTH	338	EAST	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
I	10	23 S	27 E		2,178	SOUTH	230	EAST	EDDY

<sup>12</sup> Dedicated Acres 320 ACRES, S/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><sup>16</sup></p>				<p><sup>17</sup> 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>Josh Walker</i> Date: 4/9/18</p> <p>Printed Name: Josh Walker</p> <p>Email Address: josh.walker@wpcenergy.com</p>	
<p><sup>18</sup> 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>04-09-2018 Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <p>MARK DILLON HARP 23786 Certificate Number: AW 2018030893</p>					
<p>SEC. 4</p> <p>SEC. 3</p> <p>SEC. 2</p> <p>SEC. 10 T23S R27E</p> <p>SEC. 9</p> <p>SEC. 11</p> <p>SEC. 16</p> <p>SEC. 15</p> <p>SEC. 14</p>		<p>GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y= 480,040.7 X= 545,140.3 LAT.= 32.318663°N LONG.= 104.187208°W</p> <p>LAST TAKE POINT NAD 27 NME Y= 479,809.2 X= 550,420.8 LAT.= 32.318456°N LONG.= 104.170116°W</p> <p>GEODETIC COORDINATES NAD 83 NME SURFACE LOCATION Y= 480,099.7 X= 588,321.9 LAT.= 32.318783°N LONG.= 104.187709°W</p> <p>LAST TAKE POINT NAD 83 NME Y= 479,668.3 X= 591,802.5 LAT.= 32.318576°N LONG.= 104.170817°W</p> <p>FIRST TAKE POINT NAD 27 NME Y= 479,805.7 X= 545,815.9 LAT.= 32.318485°N LONG.= 104.185023°W</p> <p>BOTTOM HOLE LOCATION NAD 27 NME Y= 479,809.3 X= 550,520.8 LAT.= 32.318458°N LONG.= 104.169793°W</p> <p>FIRST TAKE POINT NAD 83 NME Y= 479,884.7 X= 588,997.5 LAT.= 32.318584°N LONG.= 104.185524°W</p> <p>BOTTOM HOLE LOCATION NAD 83 NME Y= 479,668.4 X= 591,702.5 LAT.= 32.318576°N LONG.= 104.170283°W</p> <p>CORNER COORDINATES TABLE NAD 27 NME A - Y= 478,737.2 N, X= 545,501.7 E B - Y= 480,048.9 N, X= 545,477.7 E C - Y= 478,748.6 N, X= 548,131.2 E D - Y= 480,083.2 N, X= 548,111.4 E E - Y= 478,765.5 N, X= 550,763.0 E F - Y= 480,079.5 N, X= 550,744.1 E</p> <p>CORNER COORDINATES TABLE NAD 83 NME A - Y= 478,798.2 N, X= 588,883.3 E B - Y= 480,105.9 N, X= 588,659.3 E C - Y= 478,805.8 N, X= 589,312.9 E D - Y= 480,122.3 N, X= 589,283.0 E E - Y= 478,814.8 N, X= 591,944.7 E F - Y= 480,138.8 N, X= 591,925.8 E</p>			

1/2" IRON PIPE FOUND  
IN STONE MOUND

3

N 89°54'50" W 539.26' (TIE)

BRANTLEY ROAD

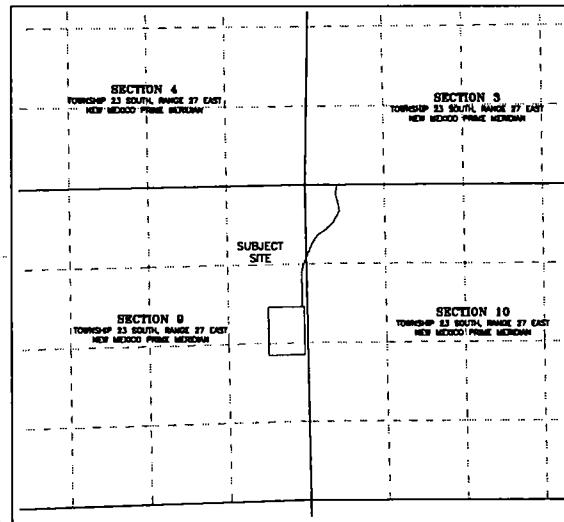
P.O.B.  
N: 482,724.84  
E: 587,150.580 100' 200'  
1" = 200' FEET

SECTION 9  
TOWNSHIP 23 SOUTH,  
RANGE 27 EAST  
NEW MEXICO PRIME  
MERIDIAN

SECTION 10  
TOWNSHIP 23 SOUTH, RANGE 27 EAST  
NEW MEXICO PRIME MERIDIAN

30.01545043

## VICINITY MAP



## JOHNSON AND CASS DRAW PROPOSED ROAD DESCRIPTION:

DESCRIPTION OF A STRIP OF LAND 30.0 FEET WIDE AND 2,238.78 FEET, 135.68 RODS, OR 0.42 MILES IN LENGTH CROSSING SECTIONS 9 AND 10, TOWNSHIP 23 SOUTH, RANGE 27 EAST, N.M.P.M. EDDY COUNTY, NEW MEXICO AND BEING 15.0 FEET RIGHT AND 15.0 FEET LEFT OF THE ABOVE PLATTED CENTERLINE OF ROAD SURVEY, COMPRISING OF 1.5407 ACRES AND DIVIDED IN EACH QUARTER QUARTER SECTION AS FOLLOWS:

SE/4 SE/4 SECTION 3 = 0.0007 OF AN ACRE (EASEMENT ONLY)  
NW/4 NW/4 SECTION 10 = 1,409.58 FEET = 85.43 RODS = 0.87 OF AN ACRE  
NE/4 NE/4 SECTION 9 = 114.90 FEET = 6.96 RODS = 0.08 OF AN ACRE  
SE/4 NE/4 SECTION 9 = 714.30 FEET = 43.29 RODS = 0.49 OF AN ACRE

## PROPOSED ROAD

LINE	BEARING	DISTANCE
L1	S 13°00'08" W	140.50'
L2	S 14°17'43" E	210.78'
L3	S 07°22'37" E	94.21'
L4	S 29°12'05" W	209.98'
L5	S 44°28'42" W	119.35'
L6	S 51°55'15" W	213.80'
L7	S 37°52'43" W	137.26'
L8	S 23°02'53" W	402.36'
L9	S 14°21'53" W	119.17'
L10	S 01°02'54" E	270.38'
L11	S 01°04'44" E	189.88'
L12	S 01°01'03" E	131.15'

## PROPOSED PAD

LINE	BEARING	DISTANCE
L13	N 88°58'44" E	600.03'
L14	S 01°02'53" E	800.11'
L15	S 88°57'08" W	600.02'
L16	N 01°02'57" W	800.04'

## LEGEND

- SECTION LINE
- EXISTING ROAD
- D-C EXISTING OVERHEAD ELECTRIC
- FENCE
- POWER POLE
- PROPOSED PAD
- PROPOSED ROAD
- FOUND MONUMENT AS NOTED

## GENERAL NOTES

- BEARINGS AND COORDINATES SHOWN HEREON ARE MERCATOR GRID AND CONFORM TO THE NEW MEXICO COORDINATE SYSTEM "NEW MEXICO EAST ZONE" NORTH AMERICAN DATUM 1983. DISTANCES ARE SURFACE VALUES.
- LATITUDE AND LONGITUDE VALUES SHOWN HEREON ARE RELATIVE TO THE NORTH AMERICAN DATUM (NAD83).

P.O.B.  
N: 480,893.94  
E: 585,998.44P.O.T.  
N: 480,704.43  
E: 586,588.23S 07°28'33" E  
3221.00'

400' X 800' PRODUCTION AREA

400' X 800' DRILLING AREA

PROPOSED JOHNSON 401H  
PROPOSED CASS DRAW 401H3/8" FOUND  
IRON ROD

16 15

RIGHT OF WAY PLAT FOR:

RKI EXPLORATION & PRODUCTION, LLC  
JOHNSON AND CASS DRAW

SITUATED IN SECTION 9 AND 10, TOWNSHIP 23 SOUTH,  
RANGE 27 EAST, N.M.P.M., AND BEING LOCATED  
APPROXIMATELY 7.28 MILES SOUTHEAST OF  
CARLSBAD, IN EDDY COUNTY, NEW MEXICO.

**FSC INC**  
SURVEYORS+ENGINEERS  
550 Bailey Ave., 205 - Fort Worth, TX 76107  
Ph: 817.349.9800 - Fax: 979.732.5271  
TDE Firm 17957 | TDEP Firm 10193887  
www.fscinc.net  
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I, MARK DILLON HARP, NEW MEXICO PROFESSIONAL SURVEYOR  
NO. 23786, DO HEREBY CERTIFY THAT THIS SURVEY PLAT  
AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT  
IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT  
SUPERVISION; THAT I AM RESPONSIBLE FOR THIS SURVEY,  
THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR  
SURVEYING IN NEW MEXICO, AND THAT IS TRUE AND  
CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF.

MARK DILLON HARP  
REGISTERED PROFESSIONAL LAND SURVEYOR  
STATE OF NEW MEXICO NO. 23786

DATE: 04-09-2018  
DRAWN BY: AW  
CHECKED BY: DH  
FIELD CREW: RE  
PROJECT NO: 2018030890  
SCALE: 1" = 200'  
SHEET: 1 OF 1  
REVISION: NO