



OCT 16 2008

OCD-ARTESIA

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Road, Aztec, NM 87410

District IV

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

State of New Mexico
Energy Minerals and Natural ResourcesOil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505Form C-101
June 16, 2008

Submit to appropriate District Office

☐ AMENDED REPORTAPPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN,
PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address RKI Exploration & Production 3817 NW Expressway, Suite 950 Oklahoma City, OK 73112		² OGRID Number 246289
		³ API Number 30-015-23314
³ Property Code 16987 (Former) New - TBD	⁵ Property Name SRC State	⁶ Well No. 1-Y
⁹ Proposed Pool 1 Delaware; SWD 96100		Proposed Pool 2 Undesignated Delaware; SWD

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	16	26-S	30-E		660	South	1990	East	Eddy

⁸ Proposed 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
J	16	26-S	30-E		2160	South	1990	East	Eddy

Additional Well Information

¹¹ Work Type Code E	¹² Well Type Code S	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3056
¹⁶ Multiple No	¹⁷ Proposed Depth 6687 MD/4830 TVD	¹⁸ Formation Delaware	¹⁹ Contractor TBD	²⁰ Spud Date ASAP

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
26"	20"	106#	299'	500	0
17.5"	13.375"	54.5#	3400'	3000	0
12.25"	9.625"	47#	4020'	1200	0
8.25"	7"	23#	5187' MD/ 4830' TVD	265	3500
6.125"	5"	13#	6887' MD/ 4830' TVD		

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone.
Describe the blowout prevention program, if any. Use additional sheets if necessary.
Ground water is ~100 feet. There is no domestic well within 1000 feet and no surface water within 1000 feet.
Drilling fluids will be controlled utilizing a closed-loop system.
Rig up unit and install double ram, 3000 W/T psi 900 series blowout preventer.

- 1) Drill out remaining cement plugs and circulate hole.
- 2) Re-enter well and kickoff directionally at 4257' with 8.75" hole and build rate 10 degrees/100 feet.
- 3) Be horizontal at 5157' and continue straight horizontal hole additional 100' to 5257'.
- 4) Run and cement 7" 23# N-80 casing @5187'.
- 5) Run 5" 13# J-55 FJ slotted liner with 40 mesh slots. (1700' liner) 1500' lateral Delaware completion.
- 6) Install injection packer and tubing.
- 7) Conduct mechanical integrity test and upon SWD approval, commence injection of disposal water.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name: Benjamin E. Stone

Title: Agent/Consultant - SOS Consulting, LLC

E-mail Address: neostone_consultant@excite.com
neostone@consultant.com

Date: September 11, 2008

Phone: 903-488-9850

OIL CONSERVATION DIVISION

Approved by:

Title:

District II Supervisor

Approval Date:

10/17/08

Expiration Date:

10/17/10

Conditions of Approval Attached ☒

APPROVED TO DRILLING ONLY



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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 October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-23314		² Pool Code 96100	³ Pool Name SWD; Delaware
⁴ Property Code (TBD) 37442	⁵ Property Name SRC State		⁶ Well Number 1-Y
⁷ OGRID No. 246289	⁸ Operator Name RKI Exploration & Production, LLC		⁹ Elevation 3056 feet

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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¹¹ 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
J	16	26-S	30-E		2160	South	1990	East	Eddy
¹² Dedicated Acres n/a		¹³ Joint or Infill n/a		¹⁴ Consolidation Code n/a		¹⁵ Order No. (Not req'd - horizontal SWD completion will be orthodox.)			

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.

¹⁶ 	¹⁷ OPERATOR CERTIFICATION 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. Signature _____ Date _____ Benjamin E. Stone 9/14/2008 Printed Name SOS Consulting, LLC agent for: RKI Exploration & Production, LLC	
	¹⁸ SURVEYOR CERTIFICATION 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. 3/5/1980 Date of Survey Signature and Seal of Professional Surveyor. John W. West Cert. No. 676 Certificate Number	