Office	State of New Mexico		Form C-103 May 27, 2004
1625 N. French Dr., Hobbs, NM 88240 District II	Minerals and Natural Resources  NSERVATION DIVISION	WELL API NO. 30-015-35828	Way 21, 2004
District III 122	20 South St. Francis Dr.	5. Indicate Type of Le STATE ⊠	FEE
District IV 1220 S St. Francis Dr., Santa Fe, NM 87505	Santa Fe, NM 87505	6. State Oil & Gas Lea	se No.
SUNDRY NOTICES AND REP (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL C DIFFERENT RESERVOIR USE "APPLICATION FOR PER	R TO DEEPEN OR PLUG BACK TO A	7. Lease Name or Uni	Agreement Name
PROPOSALS.)		PINNACLE STATE  8. Well Number 16	
<ol> <li>Type of Well: Oil Well</li></ol>	Other	9. OGRID Number	
RKI EXPLORATION & PRODUCTION, LLC	DEC 10 2007	246289_	
3. Address of Operator P.O. BOX 370, CARLSBAD, NM 88221	OCD-ARTESIA	10. Pool name or Wild HERRADURRA BEN	
4. Well Location			
	et from the <u>S</u> line and		
	F 8		ODY County
Pit or Below-grade Tank Application or Closure	(Show whether DR, RKB, RT, GR, et	c.)	
	ce from nearest fresh water wellD	istance from nearest surface wa	iter
		Construction Material	
12. Check Appropriate B	ox to Indicate Nature of Notice	e, Report or Other Data	a
NOTICE OF INTENTION T PERFORM REMEDIAL WORK PLUG AND A TEMPORARILY ABANDON CHANGE PL PULL OR ALTER CASING MULTIPLE C	BANDON  REMEDIAL WO	RILLING OPNS. P AI	RT OF: ERING CASING   ND A
OTHER:	OTHER:	M. 20D	П
13. Describe proposed or completed operations of starting any proposed work). SEE RULI or recompletion.	. (Clearly state all pertinent details, a	and give pertinent dates, in Attach wellbore diagram o	cluding estimated date f proposed completion
This documents wellwork activity.			
<ol> <li>Moved in and rigged up Teaco Drilling Rig 2. Spudded</li> <li>Drilled 12-1/4" hole to 460'.</li> <li>Ran and cemented 9-5/8", 36#, J-55, ST&amp;C casing at 4 surface.</li> </ol>		Class "C" cement w/ additives.	No cement returns to
4. Ran I" tubing down annulus. Tagged at 60'. Topped o	ff annular cement with 150 sacks. Two bbl	s. of cement returns to surface.	
I hereby certify that the information above is true an			
grade tank has been/will be constructed/or closed according t	o NMOCD guidelines ∐, a general permit [	or an (attached) alternative (	UCD-approved plan ∐.
SIGNATURE Line Seme	TITLE PRODUCTION SU	PERINTENDENT DA	ATE 12-7-07
Type or print name GENE SIMER	E-mail address: gsimer@rk	ixp.com Telephone No	505-885-1313

Type or print name GENE SIMER For State Use Only TITLE\_\_\_\_\_DATE\_\_/7/19/07 Accepted for record - NMOCD APPROVED BY:

Conditions of Approval (if any):

1625 N. French Dr., Hobbs, NM 88240  District II  OIL CONSERVATION DIVISION  30-015-35828	May 27, 2004
1201 N. C. and A. a. A. a. a. NA 60010 UII. U. UNNER VALIUN DI VINIUN	
District III 1220 South St. Francis Dr	
1000 Rio Brazos Rd., Aztec, NM 87410 Santa Fe, NM 87505	_Ц
District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505  6. State Oil & Gas Lease No.	
SUNDRY NOTICES AND REPORTS ON WELLS  (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)  7. Lease Name or Unit Agreen PINNACLE STATE	nent Name
1. Type of Well: Oil Well  Gas Well Other 8. Well Number 16	
2. Name of Operator RKI EXPLORATION & PRODUCTION, LLC  DEC 10 2007  9. OGRID Number 246289	
3. Address of Operator OCD-ARTESIA 10. Pool name or Wildcat HERRADURRA BEND (DEL	AWARE)
4. Well Location	
Unit Letter N : 1152 feet from the S line and 2528 feet from the	W line
Section 36 Township 22S Range 28E NMPM EDDY C	
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	
3,085'	
Pit or Below-grade Tank Application or Closure	
Pit type Depth to Groundwater Distance from nearest fresh water well Distance from nearest surface water Pit Liner Thickness: mil Below-Grade Tank: Volume bbls; Construction Material	
12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF	:
PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐ REMEDIAL WORK ☐ ALTERING (	
TEMPORARILY ABANDON	
PULL OR ALTER CASING	
OTHER: OTHER:	П
13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including e	estimated date
of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed	
or recompletion.	
This documents wellwork activity.	
This documents wellwork activity.  1. Drilled 7-7/8" hole to 6,950'.	
<ol> <li>Drilled 7-7/8" hole to 6,950'.</li> <li>Ran and cemented 5-1/2", 17#, J-55, ST&amp;C casing at 6,943' KB. Cemented casing in two stages with DV tool @ 4,543'. Stage 1: 90 sx L additives yield = 2.01) and 435 sx. Tail (yield = 1.39). Circulated no cement to surface. Stage 2: 775 sx Lead 50/50 POZ/C + ADDITIVE</li> </ol>	
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Submit 3 Copies To Appropriate Distric	State of	New Me	exico		Form C-103
Office District I	Energy, Minerals	and Natu	ral Resources		May 27, 2004
1625 N French Dr., Hobbs, NM 88240	f			WELL API NO	
District II 1301 W. Grand Ave, Artesia, NM 8821	OIL CONSER	VATION	DIVISION	5. Indicate Ty	30-015-35828 ne of Lease
District III 1000 Rio Brazos Rd, Aztec, NM 87410	1220 Sout			STATE	
District IV	Santa F	'e, NM 8'	7505	6. State Oil &	
1220 S. St. Francis Dr., Santa Fe, NM 87505					
	TICES AND REPORTS C	N WELLS	j	7. Lease Name	e or Unit Agreement Name
(DO NOT USE THIS FORM FOR PRO DIFFERENT RESERVOIR USE "APP					
PROPOSALS.)	LICATION FOR PERMIT (FOR	(W C-101) F	DR SUCH	8. Well Numb	
1. Type of Well: Oil Well	Gas Well  Other		.N 8 2008		innacle State 16
2. Name of Operator	mlaration and Draduation I	J/		9. OGRID Nu	mber 246289
3. Address of Operator	ploration and Production, I	LC. OC	D-ARTESIA	10. Pool name	
,	W Expressway, Suite 950,	Oklahoma	City, OK. 73112		Bone Spring
4. Well Location				1	
Unit Letter N:	1152 feet from the Sor	uth line	and <u>2528</u> feet fr	om the West	_ line
Section 36 Townsl	nip <u>22S</u> Range <u>28E</u>	NMPM	Eddy County		
	11. Elevation (Show w				
Pit or Below-grade Tank Application	Zan Classica II	3,085	' GR	(s, ~ en s.	
			man and Block		C
	dwaterDistance from no				
	nil Below-Grade Tank: V			nstruction Material	
12. Check	k Appropriate Box to I	ndicate N	ature of Notice,	Report or Oth	er Data
NOTICE OF	INTENTION TO:		l SUB:	SEQUENT F	REPORT OF:
PERFORM REMEDIAL WORK [		N 🗆	REMEDIAL WOR		ALTERING CASING
TEMPORARILY ABANDON [	CHANGE PLANS		COMMENCE DRI	LLING OPNS.	P AND A
PULL OR ALTER CASING	MULTIPLE COMPL		CASING/CEMENT	ГЈОВ 🗆	
OTHER:			OTHER:	Complete and P	roduction Test
	mpleted operations. (Clear	ly state all			dates, including estimated date
	work). SEE RULE 1103.	For Multip	le Completions: At	tach wellbore dia	agram of proposed completion
or recompletion.					
Commenced completion	rig operations on 12-17-07	. Picked u	p 4-3/4" bit. Tagge	d DV tool @ 4.5	43'. Drilled out DV tool.
	000'. Pressure tested casing				
					6 . ID . G .
	and ran cement bond log. I I 46 holes). Picked up pack				
ball sealers.	140 holes). Ficked up pace	tei aliu sei	at 0,500. Acidized	with 2,000 gais	1/2/0 HCL acid using 75
	Bone Spring 6,461'-6,484' v			als. Medallion 30	100 + 6,267 gals 30# gel
and 42,000 # 16/30 Whit	e sand + 9,800 # 16/30 resi	n-coated sa	ina.		
Cleaned out to 6,900'. In	nstalled rod pump equipmen	nt and flow	tested well.		
		•			
					•
I hereby certify that the informati	on above is true and comple	ete to the h	est of my knowledge	e and belief. I fu	rther certify that any pit or below-
grade tank has been/will be constructed					
SIGNATURE LIME S	lander 3	Tiri e	Production Sumanine	andant DA	TE 1000
SIGNATURE CONTROL			Production Superint	endentDA	TE1-8-08
Type or print name Gene Simer		E-mail ac	ddress: gsimer@rkix	p.com ·	Γelephone No. 575-885-1313
For State Use Only	DPAARA		<i>-</i>	-	•
FOR	RECORDS ONLY				IAN 9 9 2000

APPROVED BY:
Conditions of Approval (if any):

TITLE DATE AN 2 3 2008

150 53509	
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Submit To Appro	riate Distric	c. Office			State of New M								Form C-105
Fee Lease - 5 cop District I			1	ור י	Minerals and Na	turai 1	Reso	ources	-	, \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	<del>7</del> 0	P	Revised June 10, 2003
1625 N. French D	., Hobbs, N	SM 88240		_						. य		- 015-358	278
District II 1301 W Grand A	caue, Arte	sia, NM <b>38</b> 210	i		il Conservation				-	5. Indicate T			0.00
District III 1000 Rio Brazos I	id , Aziec, J	NM 87410		12	20 South St. Fr				]		E⊠	FEE	
District IV 1220 S. St. Franci					Santa Fe, NM	8750.	5			State Oil & C	as Lea	ase No.	
				OMPL	ETION REPOR	RT A	ND I	LOG					
la. Type of We	Ι,								1	. Lease Name	or Unit A	Agreement N	lame
1		GAS WEL	יר רו ה	RY 📙	OTHER				-				Cati
b Type of Col NEW  WELL		☐ DEEP		.UG 🗍	DIFF. RESVR.   OTHE	ER					Pi	nnacle Sta	ate Sont oci
2. Name of Ope	ator								1	B. Well No.			
		RKIE	xploration	and Pro	duction, LLC.							16	
3. Address of O	erator		P						1	). Pool name or	Wildcat		
		W Express	way, Suit	950, O	klahoma City, OK.	. <b>7</b> 311	2			South	Culeb	ra Bluff -	Bone Spring
4. Well Location		. 1152	feet from th	a Couth	Hanned 2579 fo	at from	n fina	West 1	ina				
Section			•		I line and <u>2528</u> fe NMPM <u>Eddv</u> Cou		rr cie "	west 1	1110				
10. Date Spudde 11-6-2007			ched 1		ompl. (Ready to Prod.) 1-8-2008		13. E	levations (I		RKB, RT, GR, 85' GR	etc.)	14. Elev.	. Casinghead
15. Total Depth	<u> </u>	16. Plug Ba			Multiple Compl. How	Many		18 Interva	15	Rotary Tools		Cable	Tools
6,950' KI		6.91	0' K3.	Z	ones?		İ	Drilled By		X		ļ	
19. Producing In		of this compl	etion - Top,							20	) Was I		urvey Made
21 Type Electri	and Othe		.461-6,484' -	South Cu	lebra Bluff - Bone Sprii	ng			$\neg$	22. Was Well	Cored		Yes
21 Type Diceir	Lio Ouic		CNL/GR/L	aterolog/N	Aicro-CFL					2.2. 1163 11011		No	
23.		r		CA	SING RECOR		_		ring				
CASING S 9-5/8"	ZE _		IT LB./FT. 36	-	DEPTH SET 467'			E SIZE -1/4"		CEMENTING 425 s		RD A	AMOUNT PULLED
5-1/2"			17		6,943'			7/8"		1,915			
				<del> </del>									
24.					VER RECORD	T			25.			RECORD	
SIZE	TOP		BOTTO	м	SACKS CEMENT	SCRI	EEN	<del></del>	SIZI	2-7/8"	DEPT	6,571'	PACKER SET
26. Perforation	record (1	nterval, size,	and number	)				D, SHOT, ITERVAL	FR.A	AMOUNT AN			
6,461'-6484' 2 S	F TOTA	L 46 HOLES	WITH DP	CHARGE	\$ 23 GR, 0.42"	DEP		1'-6,484	_	2,000 gal 7 1/2			IL USED
ENTRY HOL	E AND 3	5" PENETRA	ATION							26,500 gal Me	dallion 3	3000 + 6267	gal 30# gel & 42,000 #
										16/30 white sa	nd + 9,8	50 # 16/30 r	esin-coated proppant
28						<u>udc</u>			<b></b>				
Date First Produ	dtion		Production I	Acthod (F	lowing, gas lift, pumpin	ig - 2126	e and	type ритр)		Well Status	Prod. oi	r Shut-in)	
	2008	s Tested	l Object	·	Rod Pump	0.1	ns.		<u></u>	)/(55	W.Co.	Shut-m	
Date of Test 1-4-2008	Hour	s rested	Choke S	tze	Prod'n For Test Period	Oil -	B01	1	Gas	- MCF	Water	- BDI.	Gas - Oil Ratio
		24 hours		/64"		L	11:			150		270	150
Flow Tubing Press.	Casın	ig Pressure	Calcula Hour Ra		Oil - ВЫ. 	- 1	]as - 1	MCF	- 1	Vater - Bb1.	'	of Gravity -	API - (Corr)
325		450			112			150		270		Per	nding lab results
29. Disposition of	C25 (50		uel, vented, e	tc.)		······'-					Test Wi	messed By	
Sold 30, List Attachm	(DCP Mid	istream)		<del></del> .									
Do, pige i maulit	T												
31 .Thereby ce	ify that	the informa	tion shown	on both	sides of this form as	true a	nd co	mplete to	the t	est of my kno	wledge	and belief	
	1	1	<b>,</b> ,		Printed								1
Signatur	ten	بالمرك	me	2		Sime	r	_ Title _	Su	perintendent		ate //	11/08
E-mail Addre	es osir	ner@rkixr	com		Office phon	e 50°	5-88	5-1313	Cell	505-706-32	25	/	′
LA-HILLES TACULA	5 5012	~~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~			CALCO PAGE								CEIVE

RECEIVED

JAN **28** 2011

NMOCD ARTESIA



## **INSTRUCTIONS**

istrict Office of the Division not later than 20 . . . . . . . . . . . the completion of any newly-drilled or This form is to be filed with the appropria deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

IND	IUA			ANCE WITH GEOGRAPHI	
		Southea	stern New Mexico	Northweste	m New Mexico
T. Anl	ıy		T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt			T. Strawn	T. Kirtland-Fruitland	T. Penn "C"
B. Salt		2533	T. Atoka	T. Pictured Cliffs	T. Penn "D"
T. Yat			T. Miss	T. Cliff House	T. Leadville
T. 7 R	ivers		T. Devonian	T. Menefee	T. Madison
T. Que			T. Silurian	T. Point Lookout	T. Elbert
T. Gra			T. Montoya	T. Mancos	T. McCracken
T. San		S	T. Simpson	T Gallup	T. Ignacio Otzte
T. Glo			T. McKee	Base Greenhorn	T. Granite
T. Pad	dock_		T. Ellenburger	T. Dakota	T
T Blir			T. Gr. Wash	T. Morrison_	T
T.Tubi			T. Delaware Sand 2806	T.Todilto	T
T Dri			T. Bone Springs 6349	T. Entrada	T.
T. Abo			T	T. Wingate	T
T. Wo	lfcamp		T	T. Chinle	T.
T. Pen			Т.	T. Permian	T
T. Cisc	co (Bo	1gh C)	Т	T. Penn "A"	OIL OR GAS
			to	No. 4, from	SANDS OR ZONEStoto
				WATER SANDS	
Include	e data o	n rate of wate	er inflow and elevation to which wa	iter rose in hole.	
No. 1, 1	from		to	feetfeet	
No. 2, 1	from		to	feet	***************************************
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Phone:

575-885-1313

State of New Mexico Energy, Minerals & Natural Resources

Form C-104 Revised Feb. 26, 2007

1301 W. Grand Avenue, Artesia, NM 88210

JAN -8 2008 Submit to Appropriate District Office District III Oil Conservation Division 1000 Rio Brazos Rd , Aztec, NM 87410 1220 South St. Francis Dr. District IV OCD-ARTESIA 1220 S. St Francis Dr., Santa Fe, NM 87505 Santa Fe, NM 87505 ☐ AMENDED REPORT REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT Operator name and Address OGRID Number RKI Exploration and Production, LLC. 246289 3817 NW Expressway, Suite 950 Oklahoma City, OK. 73112 Reason for Filing Code/ Effective Date 1-7-2008 <sup>4</sup> API Number Pool Name Pool Code 15011 30 - 015-35828 South Culebra Bluff - Bone Spring 8 Property Name Property Code Well Number 36750 Pinnacle State 10 Surface Location Range Ul or lot no. Section Township Feet from the North/South Line Feet from the East/West line County **22S** 28E 1,152 South 2,528 West Eddy 11 Bottom Hole Location Section Township Range Lot Idn Feet from the North/South line Feet from the East/West line UL or lot no. County 12 Lse Code 3 Producing Method Gas Connection <sup>5</sup> C-129 Permit Number 16 C-129 Effective Date 17 C-129 Expiration Date Code Date 1-8-2008 N/A N/A N/A III. Oil and Gas Transporters 20 O/G/W Transporter Name <sup>18</sup> Transporter and Address OGRID 237722 Centurion Pipeline LP. 5 Greenway Plaza, Suite 110 Houston, TX. 77046 DCP MIDSTREAM, LP 370 17th Street, Suite 2500 Denver, CO. 80202 IV. Well Completion Data 24 PBTD 26 DHC, MC 21 Spud Date 22 Ready Date 25 Perforations 11-6-2007 1-7-2008 6,950' 6,900' 6,461' - 6,484' 27 Hole Size 28 Casing & Tubing Size 29 Depth Set 30 Sacks Cement 467' 12-1/4" 9-5/8", J-55, 36# 425 sacks 6,943' 1,915 sacks 7-7/8" 5-1/2", J-55, 17# V. Well Test Data 31 Date New Oil 32 Gas Delivery Date Test Date 34 Test Length 35 Tbg. Pressure Csg. Pressure 1-8-2008 1-8-2008 1-4-2008 325 24 hours 450 37 Choke Size 38 Oil 39 Water 40 Gas Test Method 150 20/64 112 270 Flowing <sup>42</sup> I hereby certify that the rules of the Oil Conservation Division have OIL CONSERVATION DIVISION been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: Approved by: Title: Printed name: BRYAN G. ARRANT Gene Simer DISTRICT II GEOLOGIST Title: Approval Date: Production Superintendent FEB 1 8 2008 E-mail Address: gsimer@rkixp.com