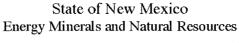
1625 N. French Dr., Hobbs, NM 88240

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



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Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

SEP 2 4 2007 Submit to appropriate District Office

Form C-101

May 27, 2004

OCD-ARTESIA AMENDED REPORT (Revised Down Hole Plan)

APPI	<u> ICATI</u>	ON F	<u>OR PERMIT</u>	<u>'TO DI</u>	RILL, I	<u>RE-ENT</u>	ER, DI	<u>EEPEN</u>	<u>, PLUGBAC</u>			
RKI EXI		TION	Operator Name RODUCT	and Addres	s C					² OGRID	Number	246289
3817 NV	V EXPF		/AY, SUITE 9	-	AHOM		OK 731	12	30 - 015-	3°\$P\$	178	
3 Property Code 5 Property N PINNACLE						operty Name CLE STA	TE				° Wel	
Proposed Pool 1 HERRADURA BEND; DELAWARE				E, EAS	Γ		10 Proposed Pool 2					
					7 Surf	face Loca	tion				,	
UL or lot no.	Section 36			Lot Idn Feet		Feet from the	North/S	outh line UTH	Feet from the 2528	East/We		County EDDY
				sed Botto	m Hole l	Location If	•					
UL or lot no.				Lot Ic				outh line	Feet from the	East/We	st/West line County	
			-	Ad	ditional	l Well Inf	ormatic	on				
11 Work	Type`Code N		¹² Well Type Co O		1	Cable/Rotary	e/Rotary 14 Lease Type			¹⁵ Ground Level Elevation 3,085'		
¹⁶ M	ultiple N		¹⁷ Proposed Dep 7,120 '	th	ВО	¹⁸ Formation NE SPR	NG		19 Contractor		20 Spud Date UPON APPROVAL	
Depth to Grou	ndwater	>:	50'	Distance	from neare	est fresh water	well >1	,000'	Distance from			
	Synthetic 1-Loop Syst	provide the same of the same o	mils thick Clay	Pit Volu	me 5,000 bl	_bbls bls		ng Method: Vater 🔀 I	- Brine X Diesel/O	ıl-based [☐ Gas/A	sir 🗀
			21	Propos	ed Casi	ing and C	ement l	Progran	n			
Hole S	ize	(Casing Size									Estimated TOC
17-1			13-3/8"	Casing weight/foot 54.5#			40'		100		SURFACE	
12-1			9-5/8"	36#			560					SURFACE
7-7	7/8"		5-1/2"		17#		7,12	<u>0' </u>	658	658		SURFACE
			If this application i				the data c	on the prese	ent productive zone	and propo	osed new	productive zone
	_	_	ogram, if any. Use Set 40' of 13-3/8"			-	urface w	ith Radi-N	Air coment			
2. Drill 12	e to 280'.	Set 280' of 9-5/8	5, ST&C	surface cas	ng.							
			tail slurry with 2 Set 7,120' of 5-									
with 20	3 sacks of	f lead slu	rry (yield = 2.47)	and 139 sa	acks of ta	il slurry (yie	1d = 1.30). Stage	2, cement with 1	93 sacks	of lead	
			urry (yield = 1.30 drill surface hole						d by open hole ca	aliper log	;.	
			in Section 36. N					ile.	•			
6. RKI's at	torney is p	oreparing	NSL application									
						-						
Onill Only - NSL Required To Produce												
²³ I hereby certify that the information given above is true and complete to the best							OIL CONSERVATION DIVISION					
of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines \(\bar{\text{\text{\text{M}}}} \), a general permit \(\bar{\text{\text{-}}} \), or							Approved by					
an (attached) alternative OCD-approved plan .												
Printed name. BRIAN WOOD 154						Title:	BRYAN G. ARRANT Title: DISTRICT II GEOLOGIST					IST
Title: CONSULTANT					Арри	oval Date		1	xpiration I		SEP 2 4 2008	
E-mail Addres	_{ss:} bria	n@pe	rmitswest.com	n								
Date:	9-22	2-07	Phone: (50)5) 466-	8120	Cond	tions of A	pproval Att	ached 🗆			

DISTRICT I 1625 N. French Dr., Hobbs, NM 88240 DISTRICT II 1301 W. Grand Avenue, Artesia, NM 88210

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-102 Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies Fee Lease - 3 Copies

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

□ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

30-015-	30670	HERRADURA BEND; DELAWARE, EAST		
Property Code	Prop	Well Number		
•	· PINNAC	CLE STATE	16	
OGRID No.	Oper	ator Name	Elevation	
246289	RKI EXPLORATION	3085		

Surface Location

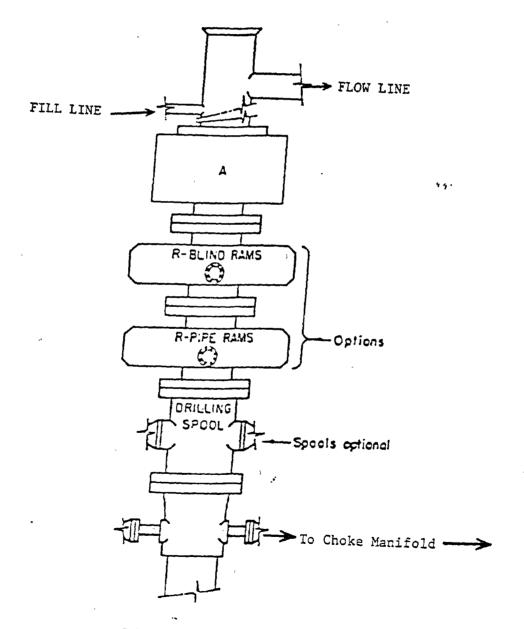
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	36	22 S	28 E		1152	SOUTH	2528	WEST	EDDY

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
Dedicated Acres	Joint o	r Infill Co	nsolidation (Code Ore	der No.		,		

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

-			
	-		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 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. 9-3-07 Signature Date BRIAN WOOD Printed Name
-252	8'————————————————————————————————————	LAT N.: 32°20°41.6" LONG W.: 104°02'30.0" SPC- N.: 489322.708 E.: 631416.872 (NAD-83)	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 supervison, and that the same is true and correct to the best of my belief. Date Surveyed Signatury & Section 1970 Professional Stryeyor Professional Stryeyor Basin Surveys



ARRANGEMENT SRRA

900 Series 3000 PSI WP

Arrant, Bryan, EMNRD

From:

Arrant, Bryan, EMNRD

Sent:

Friday, September 07, 2007 8:43 AM

To:

'brianwood'

Cc:

Gum, Tim, EMNRD

Subject: Pinnacle State # 16

Dear Brian,

In order to further review/and or approve the above noted application to drill, please resubmit the top page of the APD and adjust the surface casing setting depth so that it is not proposed to be set in the Salado formation.

As RKI Exploration & Production Company, LLC should be aware of, the setting depth of 560' is too deep and may cause contamination of any shallow ground water in this area and could pose a problem in obtaining a good casing seat. In reading your proposed drilling method of using fresh water, please explain to me how drilling with a fresh water mud will not wash out the salt section.

Also, please provide a H2S well contingency plan that meets the requirements of NMOCD Rule 118.

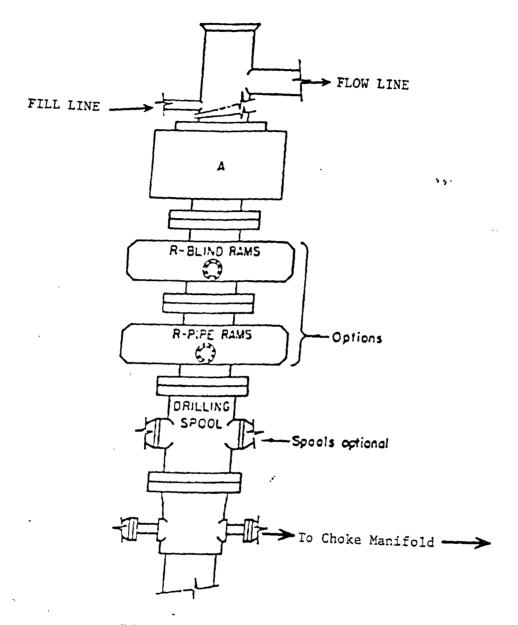
Or if in your review such a plan is not required per the conditions of NMOCD 118, provide a letter of statement.

Please notify me when a NSL from Santa Fe is granted.

Yours truly,

Bryan G. Arrant
District II Geologist
New Mexico Oil Conservation Division
1301 West Grand Ave.
Artesia, NM 88210
505-748-1283 Ext. 103

CC: Well File



ARRANGEMENT SRRA

900 Series 3000 PSI WP

EXHIBIT "E"
B.O.P. SKETCH TO BE USED ON

LOUIS DREYFUS NATURAL GAS CORP.
WHITE WING "22" FEDERAL COM. #23
UNIT "K" SECTION 22
T22S-R26E EDDY CO. NM