

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION



- Engineering Bureau -1220 South St. Francis Drive, Santa Fe, NM 87505

## **ADMINISTRATIVE APPLICATION CHECKLIST**

Tł	HIS CHECKLIST IS M	ANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIO WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN	INS TO DIVISION RULES AND REGULATIONS
Applic	ation Acronyma		
	- [DHC-Dowr [PC-Po	idard Location] [NSP-Non-Standard Proration Unit] [S hole Commingling] [CTB-Lease Commingling] [PL ol Commingling] [OLS - Off-Lease Storage] [OLM-C [WFX-Waterflood Expansion] [PMX-Pressure Mainter [SWD-Salt Water Disposal] [IPI-Injection Pressu ified Enhanced Oil Recovery Certification] [PPR-Pos	.C-Pool/Lease Commingling] Off-Lease Measurement] nance Expansion] re Increase]
[1]	TYPE OF AP [A]	PLICATION - Check Those Which Apply for [A] Location - Spacing Unit - Simultaneous Dedication NSL NSP SD	MAR 1 5
	Check [B]	One Only for [B] or [C] Commingling - Storage - Measurement DHC CTB PLC PC OL	s 🗌 olm
	[C]	Injection - Disposal - Pressure Increase - Enhanced Oil	
	[D]	Other: Specify	
[2]	NOTIFICATI [A]	ON REQUIRED TO: - Check Those Which Apply, or Working, Royalty or Overriding Royalty Interest O	
	[B]	Offset Operators, Leaseholders or Surface Owner	
	[C]	Application is One Which Requires Published Leg	al Notice
	[D]	Notification and/or Concurrent Approval by BLM U.S. Bureau of Land Management - Commissioner of Public Lands, State Land	or SLO d Office
	[E]	For all of the above, Proof of Notification or Public	cation is Attached, and/or,
	[F]	Waivers are Attached	
[3]		CURATE AND COMPLETE INFORMATION REQU TION INDICATED ABOVE.	UIRED TO PROCESS THE TYPE

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

<u>Staff Landman</u> <u>2-26-02</u> <u>Title</u> <u>Date</u> <u>Joe W- Hammond @ dom, com</u> Joe W. Hammond reell. Signature Print or Type Name e-mail Address



**Certified Mail** 

**Return Receipt Requested** 

February 25, 2002

Mr. Michael Stogner New Mexico Oil Conservation Division 2040 South Pacheco Santa Fe, New Mexico 87508

Re: Application for Unorthodox Location Geronimo "34" State Com #1Y <u>Township 17 South, Range 28 East</u> Section 34: 1700' FNL & 1038' FWL Eddy County, New Mexico

Dear Mr. Stogner:

Dominion Oklahoma Texas Exploration & Production, Inc. (Dominion), successor by merger with Louis Dreyfus Natural Gas Corp., respectfully requests administrative approval for an unorthodox Upper Penn oil well, the Geronimo "34" State #1Y. The well is located on State of New Mexico Lease #647, 1700' FNL and 1028' FWL of Section 34, Township 17 South, Range 28 East, Eddy County, New Mexico. The well was originally drilled to and produced from the Morrow formation.

This well does not comply with existing well spacing and location rules for oil wells. Division Rule 104 requires the well location for oil wells on 40-acre spacing to be 330 feet from the quarter-quarter section. The well is non-standard by 48 feet.

Please find enclosed our Forms C-101, C-102, land plat, geological exhibit and a notification list of offset operators and/or owners including letters of waiver. Notification to the offset operators and/or owners will be made by certified mail including a copy of this application letter with all attachments.

Dominion respectfully requests that this unorthodox location be administratively approved if no objections are received within the cited twenty (20) days as required by OCD regulations, or earlier if waivers are received.

Please call me at (405) 749-5279 if you need further information.

Sincerely,

DOMINION OKLAHOMA TEXAS EXPLORATION & PRODUCTION, INC.

Que W. Hammed

Joe W. Hammond, CPL Staff Landman

JWH:rec Encls. DISTRICT I 1625 N. French Dr., Hobbs, NM 55240 DISTRICT II 811 South First, Artesia, NM 88210

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

DISTRICT IV 2040 South Pacheco, Santa Fe, NM 87605 Energy, Minerals and Natural Resources Department

Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

#### OIL CONSERVATION DIVISION

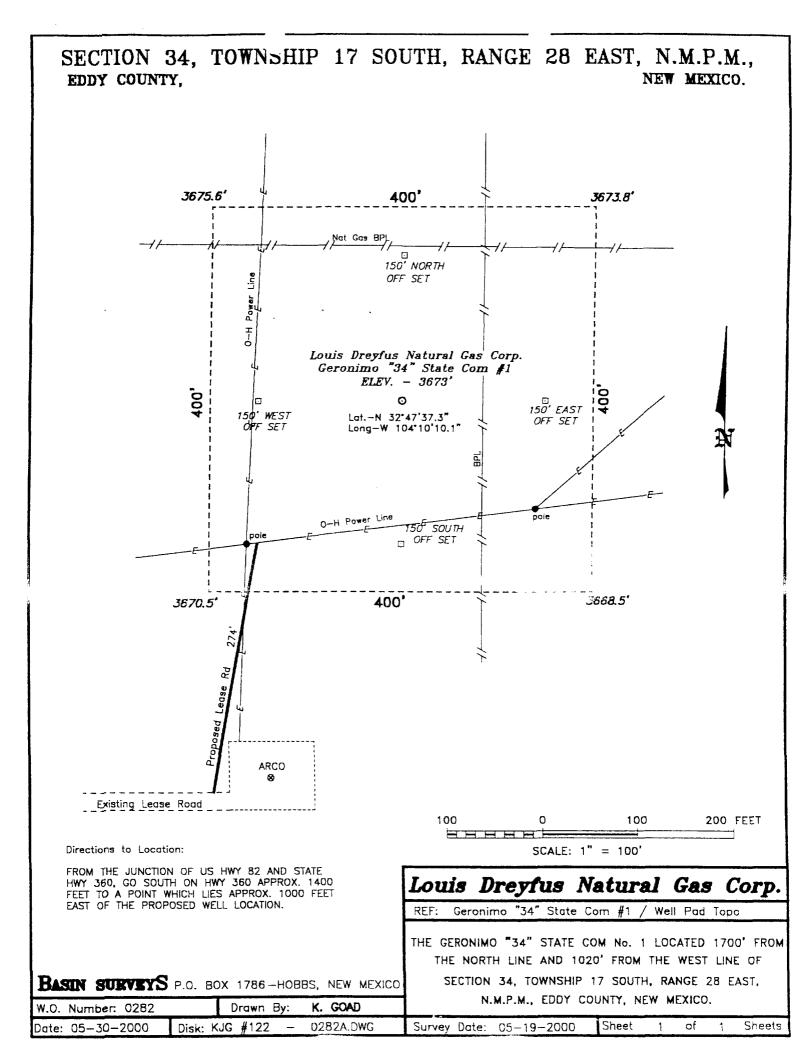
2040 South Pacheco

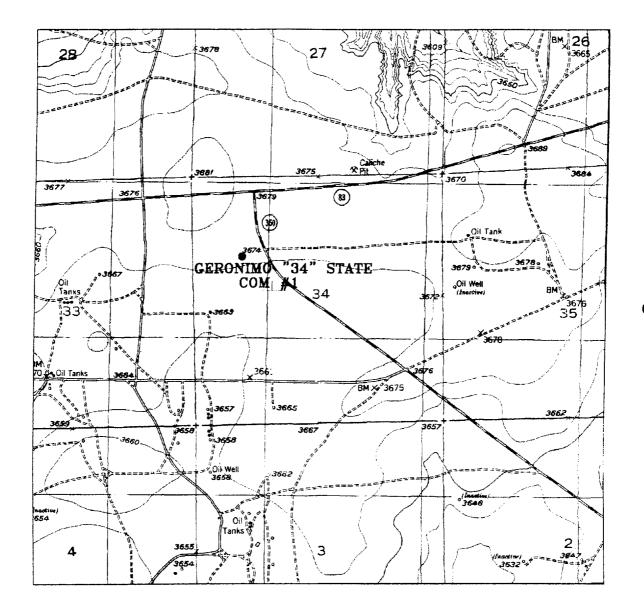
Santa Fe, New Mexico 87504-2088

□ AMENDED REPORT

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

API	Number		Pool Code				Pool Name			
	30-015-31293 Wildcat Upper Penn									
Property (	Code		Property Name GERONIMO "34" STATE					Well Number		
26001				GER	ONIMO	34	SIAIE		1 Y	
OGRID N	0.				-	tor Nam			Elevat	
025773	3		LOUIS	DREYFU	S NATU	JRAL	GAS CORPORA	ATION	367	3'
Surface Location										
UL or lot No.	Section	Township	Range	Lot Idn	Feet fro	m the	North/South line	Feet from the 1038	East/West line	County
E	34	17 S	28 E		17	00	NORTH	- <del>1020</del>	WEST	EDDY
<u> </u>			1	Hole Loo	L		rent From Sur	I		
UL or lot No.	Section	Township	Range	Lot Idn	Feet fro		North/South line	Feet from the	East/West line	County
Dedicated Acre	s Joint o	r Infill Co	onsolidation (	Code Or	der No.		· · · · · · · · · · · · · · · · · · ·			
40	N									
· · · · · · · · · · · · · · · · · · ·		VILL BE A	SSIGNED '	TO THIS	COMPLE'	TION U	INTIL ALL INTER	ESTS HAVE BE	EN CONSOLIDA	TED
							APPROVED BY			
[				1						
						i		OPERATO	R CERTIFICAT	ION
						i		I hereby	, certify the the inf	formation
	1					1			is true and comple	ete to the
						1		best of my know	leage and seller. A	
	200,					1		$\parallel \mathcal{T}$	/ .	
	·					1		Here	Since	ノ
								Signature	2 SUIN-	
3675.	.6' 367			+		-+-		Gene Si		
1038	r + 31	5.0 Lat.: N32*4	7777"					Printed Name	and the second	Ť
	<b></b> 0 ¦∥	Long.: W1(	4°10'10.1"			l			Dps. Mgr.	
	1			1				Title	ips. ngr.	
3670.	.5' 366	8.5				Í		05-31-0	10	
. State Le						i		Date	<u> </u>	[
647	1.					1				
047	1			<u> </u>				SURVEYO	R CERTIFICAT	TION
	1					1		I hereby certify	that the well locati	ion shown
	1					r I		on this plat wa	is plotted from field	i notes of
	1					i I		actual surveys	made by me or d that the same is	under my
	1					1		11 -	e best of my belies	1
						1			y <u>19,</u> 2000	
								Date Surpere		
				$\perp$				Signajore Q	Pal SNEC	
10				T		<b></b>		Professional	E HONERS	
	1			1		1		M/K/	(14)	
						[			the liter	
						1		DIERL	THE!	
						1		I Z XW.X	THAY OF OF	
						I		Certifiete M	Len LyoJes	7977
						1		tor	ESSIONAL	
	1			1				Вл	SAL SORVEY S	





GERONIMO "34" STATE COM #1 Located at 1700' FNL and 1020' FWL Section 34, Township 17 South, Range 28 East, N.M.P.M., Eddy County, New Mexico.

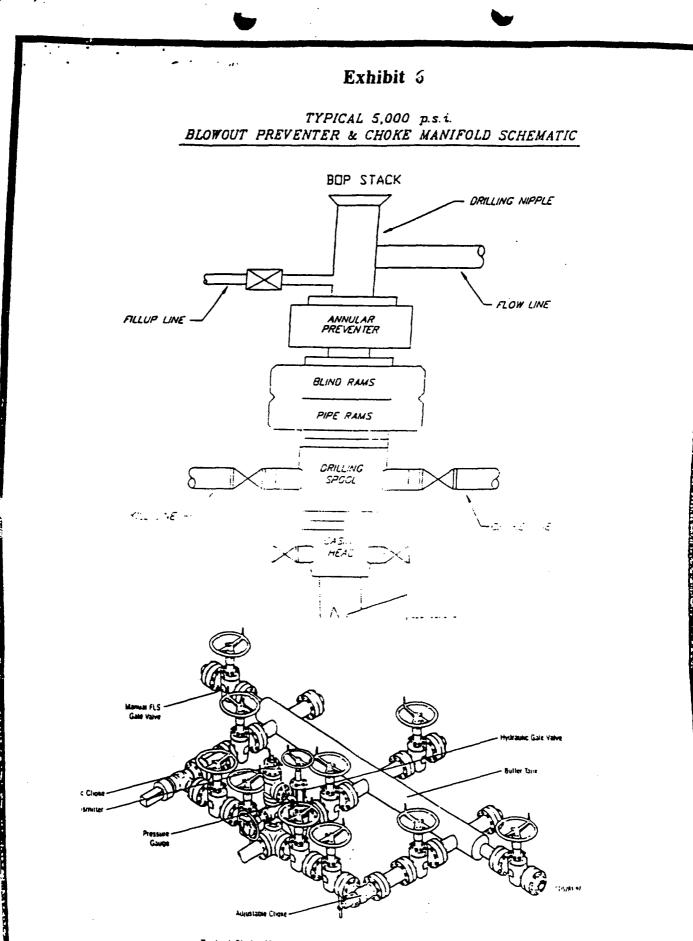
	<b>r</b> ə	P.O. Box 1786	W.O. Number: 0282AA - KJG #122	
	<b>lsin</b>	1120 N. West County Rd. Hobbs, New Mexico 88241	Survey Date: 05–19–2000	LOUIS DREYFUS NATURAL GAS
Sur	veys	(505) 393-7316 - Office (505) 392-3074 - Fax	Scale: 1" = 2000'	CORPORATION
	on excellence	basinsurveys.com	Date: 05-30-2000	COM ONATION

10 10 10 10 10 10 10 10 10 10
$\frac{1}{100}$
GERONIMO "34" STATE COM #1 Located at 1700' FNL and 1020' FWL Section 34, Township 17 South, Range 28 East, N.M.P.M., Eddy County, New Mexico.

District II 811 South First, A District III 1000 Rio Brazos I District IV 2040 South Pache APPLIC Louis Dreyf 14000 Quai Oklahoma C	Rd., Aztec, N xco, Santa Fe CATION fus Natura I Springs	1M 8741 , NM 87 N FO al Gas Parkw	Согро	CRMIT	OIL COI 2 S	NSERVAT	NESOURCES DEPARTMENT ION DIVISIO Pacheco A 87505	N Su	brn Ap	Ins propria State Fee AMEN <u>CADI</u> <sup>2</sup> 00	October 18, 1994 Structions on back ate District Office 2 Lease - 6 Copies DED REPORT DED REPORT D A ZONE GRID Number 25773
o Pm			<b></b>				roperty Name	2-2121	OX3	0-01 	Well No.
260	01					Geronimo "34	" State Com				<u> </u>
						<sup>7</sup> Surface		- <del>p</del>	·····		
UL or lot no. E	Section 34	Town	rship 7S	Range 28E	Lot Ida	Feet from the 1700	North/South line North	Feet from the	East/West We	-	County / Eddy
	•	<u></u>	the second s		Bottom		tion If Differen	nt From Surfa			
UL or lot no.	Section	Towns		Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West	line	County
	Empire; I		roposed	l Pool 1	l			" Propos	led Pool 2		
	lype Code	T	11	Weil Type	Code	•	able/Rotary <sup>14</sup> Lesse Type Code R S			<sup>15</sup> Ground Level Elevation 36731	
N G <sup>16</sup> Multiple <sup>17</sup> Proposed I				th <sup>18</sup> Formation Morrow				_	3075		
	iltiple N		<sup>17</sup> Pr	roposed 10,900	•			<sup>19</sup> Contracto Patterson	r	28 S	pud Date
1	-	C tin		-	<u>)'</u>	Mor		Patterson	r	28 S	Spud Date
1	M Im WO			10,900 hrs. <sup>2</sup>	Propos	Mor	nd Cement Pr	Patterson Ogram	r Cement		Spud Date
Minimu	M Im WO	С	ne [8	10,900 hrs. <sup>2</sup>	Propos	Mor sed Casing a	nd Cement Pr	Patterson Ogram	Cement		timated TOC
1 Minimu Hole S 17 1/2" 12 1/4"	M Im WO	C	ne   X Casing	10,900 hrs. <sup>2</sup>	Propos Casing	Mon sed Casing a g weight/foot	row and Cement Pr Setting Dept	Patterson ogram the Norman of	Cement sks	Est	timated TOC
Minimu Hole S	M Im WO	C 13	ne ( X Casing 3 3/8"	10,900 hrs. <sup>2</sup> Size	Propos Casing	Mon sed Casing a swight/foot .5#	row and Cement Pr Setting Dept 425'	Patterson ogram the Normal 450	Sks	Est Surfa	timated TOC
Minimu           Hole S           17 1/2"           12 1/4"           8 3/4"           " Describe the p           Describe the blo           1. Drill 17           2. Drill 12           3. Drill 8 3           See attache	N in WO ize proposed pro wout prevent 1/2" hol 1/4" hole i/4" hole ed "Exhi	$\frac{13}{0}$	ac 8 asing 3 3/8" 9 5/8" 5 1/2" 1f this a ogram, 1 425'. 2,700 10,900 for E	10,900 hrs. <sup>2</sup> Size pplication if any. Us Run 1 0'. Set )'. Run 3OP ass	ropos Casing 54 54 3 1 is to DEEPE e additional s 3 3/8" cs 5 1/2" cs 5 1/2" cs sembly.	Mon sed Casing a swight/foot .5# 6# 7# Nor PLUG BACE sheets if necessary. g. and cemen g. and cemen g. and cemen	row and Cement Pr Setting Dept 425' 2,700' 10,900'	Patterson Ogram 1: 21 450 900 2500 present productive ze 50 sks. cement 00 sks cement.	Cement sks sks sks sks	Est Surfa Surfa Tie t	timated TOC ace ace back to 9 5/8"
Minimu           Hole S           17 1/2"           12 1/4"           8 3/4"           " Describe the p           Describe the blo           1. Drill 17           2. Drill 12           3. Drill 8 3           See attache	N ize ize proposed pro wout prevent 1/2" hol 1/4" hole i/4" hole ed "Exhi	$\frac{13}{0}$	ac 8 asing 3 3/8" 9 5/8" 5 1/2" 1f this a ogram, 1 425'. 2,700 10,900 for E	10,900 hrs. <sup>2</sup> Size pplication if any. Us Run 1 0'. Set )'. Run 3OP ass	ropos Casing 54 54 3 1 is to DEEPE e additional s 3 3/8" cs 5 1/2" cs 5 1/2" cs sembly.	Mon sed Casing a gwight/foot .5# 6# 7# Nor PLUG BACE sheets if necessary. g. and cemen g. and cemen	row and Cement Pr Setting Dept 425' 2,700' 10,900' (give the data on the t to surface w/4 t to surface w/9 t to 9 5/8" w/25	Patterson Ogram 1: 21 450 900 2500 present productive ze 50 sks. cement 00 sks cement.	Cement sks sks sks one and prope	Est Surfa Tie t	timated TOC ace ace back to 9 5/8" productive zone.
Minimu Hole S 17 1/2" 12 1/4" 8 3/4" <sup>2</sup> Describe the p Describe the blo 1. Drill 17 2. Drill 17 3. Drill 8 3 See attache	N ize ize proposed pro wout prevent 1/2" hol 1/4" hole i/4" hole ed "Exhi	$\frac{13}{0}$	ac 8 asing 3 3/8" 9 5/8" 5 1/2" 1f this a ogram, 1 425'. 2,700 10,900 for E	10,900 hrs. <sup>2</sup> Size pplication if any. Us Run 1 0'. Set )'. Run 3OP ass	ropos Casing 54 54 3 1 is to DEEPE e additional s 3 3/8" cs 5 1/2" cs 5 1/2" cs sembly.	Mon sed Casing a gwight/foot .5# 6# 7# Nor PLUG BACE sheets if necessary. g. and cemen g. and cemen g. and cemen	row and Cement Pr Setting Dept 425' 2,700' 10,900' 5 give the data on the t to surface w/4 t to surface w/9 t to 9 5/8" w/25 Of Approved by: OR	Patterson Ogram 1 1 1 450 900 2500 present productive ze 50 sks. cement 50 sks. cement 600 sks cement 600 sks cement	Cement sks sks sks one and prope	Est Surfa Surfa Tie b seed new	timated TOC ace ace back to 9 5/8" productive zone.
Minimu         Hole S         17 1/2"         12 1/4"         8 3/4"         " Describe the p         Describe the blo         1. Drill 17         2. Drill 12         3. Drill 8 3         See attache         " I hereby certifmy knowledge a	N ize ize proposed pro wout prevent 1/2" hol 1/4" hole i/4" hole ed "Exhi	$\frac{C}{C}$	ac 8 asing 3 3/8" 9 5/8" 5 1/2" 1f this a ogram, 425'. 2,700 10,900 for E n given a	10,900 hrs. <sup>2</sup> Size pplication if any. Us Run 1 0'. Set )'. Run 3OP ass	ropos Casing 54 54 3 1 is to DEEPE e additional s 3 3/8" cs 5 1/2" cs 5 1/2" cs sembly.	Mon sed Casing a a weight/foot .5# 6# 7# Nor PLUG BACE sheets if necessary. g. and cemen g. and cemen g. and cemen	row and Cement Pr Setting Dept 425' 2,700' 10,900' 5 give the data on the t to surface w/4 t to surface w/9 t to 9 5/8" w/25 Of Approved by: OR	Patterson rogram t	Cement sks sks sks one and prope	Est Surfa Surfa Tie b seed new	timated TOC ace ace back to 9 5/8" productive zone.
Minimu Hole S 17 1/2" 12 1/4" 8 3/4" " Describe the p Describe the blo 1. Drill 17 2. Drill 12 3. Drill 8 3 See attache " I hereby certif my knowledge a Signature: Printed name:	N ize vize proposed pro- wout prevent 1/2" hole 1/4" hole i/4" hole ed "Exhi ind belief.	C I : ogram. 1 ntion pr e to ± to ± 1 bit 6" Cormation Christia	ac 8 asing 3 3/8" 9 5/8" 5 1/2" 1f this a ogram, 1 425'. 2,700 10,900 for E n given a an	10,900 hrs. <sup>2</sup> Size pplication if any. Us Run 1 0'. Set )'. Run 3OP ass	ropos Casing 54 54 3 1 is to DEEPE e additional s 3 3/8" cs 5 1/2" cs 5 1/2" cs sembly.	Mon sed Casing a g weight/foot .5# 6# 7# Nor PLUG BACE sheets if necessary. g. and cemen g. and cemen g. and cemen	row Ind Cement Pr Setting Dept 425' 2,700' 10,900' Give the data on the t to surface w/4 t to surface w/9 t to 9 5/8" w/25 Of Approved by: OR Title:	Patterson Ogram 1 1 1 450 900 2500 present productive ze 50 sks. cement 50 sks. cement 600 sks cement 600 sks cement	Cement sks sks sks one and prope	Est Surfa Tie t Internet	timated TOC ace ace back to 9 5/8" productive zone.

.

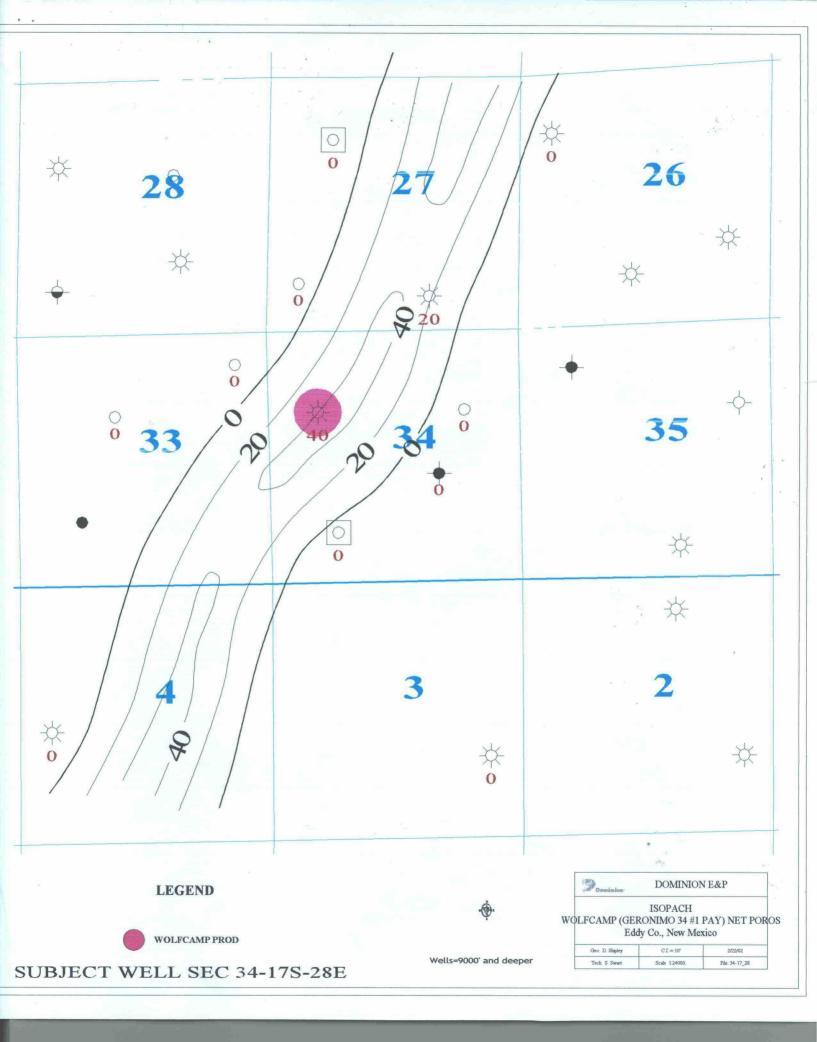
·



Typical Choke Manifold Designed for Land Drilling Applications

Submit 3 Conjecto Appropriate State of New Mexico	20	
Submit 3 Copies to Appropriate State of New Mexico	νų	Form C-103 Revised March 35, 1999
	WELL API NO.	(CAIDE MILLIN, 1999
1625 n. French Dr., Hoods, NM 38240 DISTRICT II OIL CONSERVATION DIVISION	°_≱ ⊡' 20.04∎	24000
A11 South First Artesia NM 88210	5. Indicate Type of	5-31293 Lease
DISTRICT III	STATE X	FEE
1000 Rio Brazos Rd., Aztec, NM 87410 Santa Fe, NM 87505	6. State Oil & Gas	Lease No.
DISTRICT IV	F-7116 E-94	9. B-2071. 647
SUNDRY NOTICES AND REPORTS ON WELLS		Unit Agreement Name:
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DEEPEN OR PLUG BACK TO A DEEPEN TRESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS		34 State Com
1. Type of Well: Oil Well Gas Well Other		
2. Name of Operator	8. Weil No.	/
Louis Dreyfus Natural Gas Corp.	1	·
3. Address of Operator	9. Pool name or W	ildcat
14000 Quail Springs Parkway - Suite 600 - Oklahoma City, OK 73134	Empire; Pe	:nn
4. Well Location		
Unit letter <u>E 1700'</u> feet from the <u>North</u> line and <u>1038'</u> fee	t from the <u>West</u>	line.
Section 34 Township 17S Range 28E	NMPM Eddy	County
10. Elevation (Show whether DR, RKB, RT, Gr, etc.) 3673'		
11. Check Appropriate Box to Indicate Nature of Notice, Rep	oort or Other Data	······································
NOTICE OF INTENTION TO: SUBSEQ	UENT REPORT O	JE.
TEMPORARILY ABANDON CHANGE PLANS COMMENCE DRILLING OPN		
PULL OR ALTER CASING MULTIPLE CASING TEST AND CEMENT	ГЈОВ 🗌	
OTHER: OTHER: Set CIBP & perf	new zone.	X
12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates,		e of starting any pro-
propsed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed comp	letion or recompletion.	
9/27/01 Set CIBP @ 10,294 and perf'd new morrow perfs from 10,172 - 10,184.		
10/01/01 Field personsel requesting verbal approval to dump bail 35' of cement on 0	100 @ 10 204 and	sot another
one at 10,100 w/35' of cement and to perf the wolfcamp from 8,370 - 8,390.		Set another
I hereby certify that the information above is true and complete to the best of my knowledge and belief.		**************************************
SIGNATURE Cala Unitan TITLE Regulatory Technicia	1	DATE 10/01/01
Type or print name Carla Christian	Telephone No.	405-749-5263
(This space for State use)		TUT DS 200
APPROVED BY		
Conditions of approval, if any: NSC for Oil Well		

1	Spurck-St.	(1) 10.0) TO	HOUS ILIGIA	State	U. 5.	NITE!	102170	H.E	6-1-2001,V8-492 75833	Fenjizo
			1 Las Comer	5 31. R-1010	Oil I	R-111		TOICISIC	St. Welch	1
T.	048 54 (048343.	Bumpre	Macha	SevenByer	States Vates Luces St St	CFMOI	0G-181	B	B-BEIT St	Oak Stror
T,	villred Sped Lake	OXY OXY Mor	Fed. CFA	ADI ADC DI	300 3	8-1111 A. • B	weich 2	monda .	Marbab Marb MCST. Kinco	aid) T
	31 miszso 143	Day Gill Turt-Fer Mara U.S. Collici	10 - 20 - St	18 73 7	16 - 7017	2 1025/2	Marbob V220 8 Marbob V220 8 Marbob V220 8 Marboc Marboc ST.	McDonold	Marbab Marbab Marbab Marbab Marbab Marbab	229 2 1 V 2: 01 3 2075
	Riata, Smith E, etal Marrs	etal om		anson B 196	15 914	anyile 1	St.", 81	off Fed	Darboh En	er. Gruy Pi Tite Sa Emi
•	-1963 18 -B. 02	St of 8 0	d Lake Collier	Kerseull		WEDDUIL	Frostman Harbon ARCOTINNEC	So. Roy	I YESODISC	FR
2	Consol. OXY 01 11 Copper) OXY The Bu Shell-St.) 023 Tr	gor 11 Pur	e etul (68	70, 1013	100 SA.	141 3	Fm5.	SAC St. S	Tollier Ener.	019 50x2
2	•13 Welch	Yates Pur	re etal		0 5 10 5	Marbob	IMidwest In Hando E. eta Louis Drayfu	(V.,) (10.A	× - 5t. 2	
	Tr.11 Riata Res	etal ::	B-1111 6,///C. 000	"	4 . 24 00 . Penroo	Gillesper	3.A Dreyt		Walsh TOZ398 Mg	3 9 SDX-
41	RS' () PER.)	SmithE,	Marrs 3. A.	12		9000	Yotes	Tr. B	co. St. then st. Too 4 33 SDX Arco.	2540
	And Lake	Williams	S (P/B) That	(P/B) 6 Philli B 38 7	NG Q	-	280	SDX ) 2	Tr. C Marbot	h 15
	V.Gran- E.Conoci	A Dred Loke 3	Marbell 1 93	AIMOTOOD 21	Mar Job Riv Disc	64 33 3	Argo.St -	1-A 38	CO Ricks Exp Rip Ocho	
1	638 A INavajo Mack En. 102193	St Po	Am. Milling	Marbob 2	1 21- 110 Ah.//43 31 - 5 N 101 DOD/ 1 4 2 10 100	Marbob I 35-NG	Phillips	Marboard-	143 Mil D.ST.	
219 P80	150 Juan 51 1-8 1001451 Mar 200 1 2 6 Pure	SI NOP M		Marbob 2 Marbob 2 Avregtal Social Social Soc	ame dan 200	ron mo 32 N	GNS 2 <sup>37</sup>	w Sta	Tr.D	5
01 1000	Delhi-St. etal Marbob Aradam		Arte ARCO(M Arte ARCO(M 20 Arte Arte Arte	arbob Martob	Marbob Sameran Sig	Mewbo 97		E.St. 07	9 39 Narbo	
.20 60	5 2100 De 5	5 Geronimosi	2,0 2,0		E Harbog	Mun 363 cy Jr. 362 3	A AL (WORD	ATTOIOLIGA	187 393 OP	er. Oos intel
92	Concho Res	A PLACING THE STATE	E (32) 6/ Con Amoco TIA		5 354 351		11100 11100 11100 11100 11100 11200		ARCO WI 15	ACC A
•2	0 0 A000 - 010	RCO ARCO			71 353 :52			12083	35M.Ry. St. F	
XIST.	Pwashing(Marb fon St. V2)	00 10 ton StjE			21 3525 IPR	352 24 M	2. No. 1	75 -	2. Tr 6 820ME	LROSE
128	220 E 291	PERAMUN	5) 7501 TT 1 1 (2323)	2 - 36 38 2011 4 331 34 Co Vinter 3 351	版調	TD 107801	St. TD64CE C	hombers,e	21.84	
Imo	23 294 ARCO	302 7 (3124 (WO) (WO) 31 anton 27 (ARCO 25 Tr Empire	1/A 2000 33 30 (E2/I) (322) 29 17A N W01 2 2	1918		Store Oper. Store	B-445	170	orom thate	Meliuse C Oper Si
28.528	291-24 Flams 203 (we rest flams 2) (we rest flam	ARCO - Washing	Vintage 1	Trange		2 Meiro	se 36:	13 Melro	Broth	T 1 T 1
2	al Antor NUASo	Ener T.L Ingram	Mi Mi	elrose Oper.	Meirose Oper.	• 37		Sur 5		reather
Am	Tievers St	OUT BEWOII	2029	Y	wit Yotes	1 1"Harst	+ L.01	WE WE	Jeffers	Stone ms etc. HBP +
Per indi	- Q	IDEX 3823	Dougherty	44. 45	46 16	51. 48	\$ 49 WI	740	2. 4	E 215 /
ort	Fer, Holt 1	Harm Eddy	Am o' Ar		E 1245	S3 52 De	N F 128	5	urtis St. Two Fo	rs Prod
Lin	CALLURS DAR	ST. 2 10 17	Hum.	1 • • 56	St Hanson St	Fea	nest :St	-	Feather	stone -
10,	s.it welch Com	Durneys 3	Melrose	Se Welch	GII	WI I LUSA	ter. Meiro	se E 69	46 Ramag	Vaquero
17	114 .2 .6 s	Levers-St. 03	2(Sinc) 3	59-WI 2517'P	og 647 esler-Stat	le ile	Depo	o. Fed. Me	Irose Oper. (Cit	Bery.
53.380	. 10 .	14 Int	le' a' KF	EMQU		17.	13	6 18	*B* •31	Ir.I



## NOTIFICATION LIST OF OFFSET OPERATORS/LEASEHOLD OWNERS

• .

Unorthodox Location Geronimo "34" State Com #1Y <u>Township 17 South, Range 28 East</u> Section 34: 1700' FNL & 1028' FWL Eddy County, New Mexico

- Marbob Energy Corporation 324 W. Main, Suite 103 Artesia, New Mexico 88211
- 2. BP Arco P.O. Box 4587 Houston, Texas 77219-4587
- 3. Yates Petroleum Corporation 105 South Fourth Street Artesia, New Mexico 88210
- Occidental Permian Limited Partnership P.O. Box 50250 Midland, Texas 79710
- The Moore Trust
   310 West Wall Street, Suite 404
   Midland, Texas 79701



February 25, 2002

Mr. Robert Bullock Yates Petroleum Corporation 105 South Fourth St. Artesia, New Mexico 88210

Re: Offset Operator/Leasehold Notification Unorthodox Location Geronimo "34" State Com #1Y <u>Township 17 South, Range 28 East</u> Section 34: 1700' FNL & 1028' FWL Eddy County, New Mexico

Dear Robert:

Dominion Oklahoma Texas Exploration & Production, Inc. (Dominion), successor by merger with Louis Dreyfus Natural Gas Corp., has been advised by the Artesia office of the Oil Conservation Division that the Geronimo "34" State Com #1Y is located at an unorthodox location which is described above. This location does not comply with existing well spacing and location rules for oil wells. Division Rule 104 requires the well location for oil wells on 40-acre spacing to be 330 feet from the quarter-quarter section.

If you have no objections to this unorthodox location please signify your approval by signing one copy of this letter in the space provided below and returning same to the undersigned. Any objection must be filed in writing with the New Mexico Oil Conservation Division within twenty (20) days from the date of this notice.

The undersigned hereby waives any objection to the unorthodox location of Dominion's Geronimo "34" State Com #1Y well.

Sincerely,

DOMINION OKLAHOMA TEXAS EXPLORATION & PRODUCTION, INC.

Joe W. Hammond, CPL Staff Landman

**Yates Petroleum Corporation** 

Name:	
Title:	
Date:	





February 25, 2002

Mr. Richard L. Moore The Moore Trust 310 West Wall St., Suite 404 Midland, Texas 79701

Re: Offset Operator/Leasehold Notification Unorthodox Location Geronimo "34" State Com #1Y <u>Township 17 South, Range 28 East</u> Section 34: 1700' FNL & 1028' FWL Eddy County, New Mexico

Dear Mr. Moore:

Dominion Oklahoma Texas Exploration & Production, Inc. (Dominion), successor by merger with Louis Dreyfus Natural Gas Corp., has been advised by the Artesia office of the Oil Conservation Division that the Geronimo "34" State Com #1Y is located at an unorthodox location which is described above. This location does not comply with existing well spacing and location rules for oil wells. Division Rule 104 requires the well location for oil wells on 40-acre spacing to be 330 feet from the quarter-quarter section.

If you have no objections to this unorthodox location please signify your approval by signing one copy of this letter in the space provided below and returning same to the undersigned. Any objection must be filed in writing with the New Mexico Oil Conservation Division within twenty (20) days from the date of this notice.

The undersigned hereby waives any objection to the unorthodox location of Dominion's Geronimo "34" State Com #1Y well.

Sincerely,

DOMINION OKLAHOMA TEXAS EXPLORATION & PRODUCTION, INC.

Joe W. Hammond, CPL Staff Landman

#### **The Moore Trust**

Name:		
Title:	 	
Date:	 _	



February 25, 2002

Ms. Carolyn Sebastian Occidental Permian Limited Partnership P.O. Box 50250 Midland, Texas 79710

Re: Offset Operator/Leasehold Notification Unorthodox Location Geronimo "34" State Com #1Y <u>Township 17 South, Range 28 East</u> Section 34: 1700' FNL & 1028' FWL Eddy County, New Mexico

Dear Carolyn:

Dominion Oklahoma Texas Exploration & Production, Inc. (Dominion), successor by merger with Louis Dreyfus Natural Gas Corp., has been advised by the Artesia office of the Oil Conservation Division that the Geronimo "34" State Com #1Y is located at an unorthodox location which is described above. This location does not comply with existing well spacing and location rules for oil wells. Division Rule 104 requires the well location for oil wells on 40-acre spacing to be 330 feet from the quarter-quarter section.

If you have no objections to this unorthodox location please signify your approval by signing one copy of this letter in the space provided below and returning same to the undersigned. Any objection must be filed in writing with the New Mexico Oil Conservation Division within twenty (20) days from the date of this notice.

The undersigned hereby waives any objection to the unorthodox location of Dominion's Geronimo "34" State Com #1Y well.

Sincerely,

DOMINION OKLAHOMA TEXAS EXPLORATION & PRODUCTION, INC.

Joe W. Hammond, CPL Staff Landman

#### **Occidental Permian Limited Partnership**

Name:	
Title:	
Date:	



February 25, 2002

Mr. Raye Miller Marbob Energy Corporation 324 W. Main, Suite 103 Artesia, New Mexico 88211

Re: Offset Operator/Leasehold Notification Unorthodox Location Geronimo "34" State Com #1Y <u>Township 17 South, Range 28 East</u> Section 34: 1700' FNL & 1028' FWL Eddy County, New Mexico

Dear Raye:

Dominion Oklahoma Texas Exploration & Production, Inc. (Dominion), successor by merger with Louis Dreyfus Natural Gas Corp., has been advised by the Artesia office of the Oil Conservation Division that the Geronimo "34" State Com #1Y is located at an unorthodox location which is described above. This location does not comply with existing well spacing and location rules for oil wells. Division Rule 104 requires the well location for oil wells on 40-acre spacing to be 330 feet from the quarter-quarter section.

If you have no objections to this unorthodox location please signify your approval by signing one copy of this letter in the space provided below and returning same to the undersigned. Any objection must be filed in writing with the New Mexico Oil Conservation Division within twenty (20) days from the date of this notice.

The undersigned hereby waives any objection to the unorthodox location of Dominion's Geronimo "34" State Com #1Y well.

Sincerely,

DOMINION OKLAHOMA TEXAS EXPLORATION & PRODUCTION, INC.

Joe W. Hammond, CPL Staff Landman

#### **Marbob Energy Corporation**

Name:	 
Title:	 
Date:	



February 25, 2002

Mr. Lee Scarborough BP-Arco P. O. Box 4587 Houston, Texas 77219-4587

Re: Offset Operator/Leasehold Notification Unorthodox Location Geronimo "34" State Com #1Y <u>Township 17 South, Range 28 East</u> Section 34: 1700' FNL & 1028' FWL Eddy County, New Mexico

Dear Lee:

Dominion Oklahoma Texas Exploration & Production, Inc. (Dominion), successor by merger with Louis Dreyfus Natural Gas Corp., has been advised by the Artesia office of the Oil Conservation Division that the Geronimo "34" State Com #1Y is located at an unorthodox location which is described above. This location does not comply with existing well spacing and location rules for oil wells. Division Rule 104 requires the well location for oil wells on 40-acre spacing to be 330 feet from the quarter-quarter section.

If you have no objections to this unorthodox location please signify your approval by signing one copy of this letter in the space provided below and returning same to the undersigned. Any objection must be filed in writing with the New Mexico Oil Conservation Division within twenty (20) days from the date of this notice.

The undersigned hereby waives any objection to the unorthodox location of Dominion's Geronimo "34" State Com #1Y well.

Sincerely,

DOMINION OKLAHOMA TEXAS EXPLORATION & PRODUCTION, INC.

Joe W. Hammond, CPL Staff Landman

**BP-Arco** 

Name:		 	 
Title:			
Date:	_		_

PF02

CMD :

OG5SECT

PF01 HELP

04/02/02 08:19: OGOMES -TQ

PF06

PF12

PAGE NO:

D	C	В	A
40.00	40.00	40.00	40.00
CS	CS	CS	CS
E00949 0001	E07116 0001	E07116 0001	E07832 0001
AMOCO PRODUCTION	OCCIDENTAL PERMIA	OCCIDENTAL PERMIA	OCCIDENTAL PERM
CU 08/10/56	CU 05/11/63	CU 05/11/63	CU 02/16/6
A	AA	AAA	AAAAA
		l	 
E	F	G	H
40.00	40.00	40.00	40.00
CS	CS	CS CS	L CS
X00647 0364	X00647 0371	E07116 0001	B02071 0025
OCCIDENTAL PERMIA	BETTY JANE MOORE	OCCIDENTAL PERMIA	BETTY JANE MOOI
CU 11/14/32	CU 11/14/32	CU 05/11/63	CU 08/10/4
АААААА	AAAAA	AAAAAA	AAAAA

PF04 GoTo

PF05

PF03 EXIT

PF07 BKWD PF08 FWD PF09 PRINT PF10 SDIV PF11

ONGARD

INQUIRE LAND BY SECTION

Date: 4/2/2002 Time: 08:25:32 AM

CMD :

OG5SECT

ONGARD INQUIRE LAND BY SECTION

04/02/02 08:27: OGOMES -TQ PAGE NO:

## Sec : 34 Twp : 17S Rng : 28E Section Type : NORMAL

L	K	J	I
40.00	40.00	40.00	40.00
CS	CS	CS	CS
B02071 0026	B02071 0026	X00647 0394	X00647 0394
OCCIDENTAL PERMIA	OCCIDENTAL PERMIA	DOMINION OKLAHOMA	DOMINION OKLAHO
CU 08/10/43	CU 08/10/43	CUU 11/14/32	CUU 11/14/3
AAAAA	ААААА	AAAAAA	AAAA
M	N	0	P
40.00	40.00	40.00	40.00
CS	CS	CS	CS
B02071 0026	B02071 0026	B11538 0014	B11538 0014
OCCIDENTAL PERMIA	OCCIDENTAL PERMIA	CONOCO INC & FINA	CONOCO INC & F
C U 08/10/43	CU 08/10/43	CUU 10/10/54	CUU 10/10/5
A A P	ААААА	A	A
			l l
PF01 HELP PF02	PF03 EXIT PI	F04 GoTo PF05	PF06
PF07 BKWD PF08 FW	D PF09 PRINT PI	F10 SDIV PF11	PF12

## Stogner, Michael

From:	Arrant, Bryan			
Sent:	Thursday, February 21, 2002 2:16	PM		
To:	Stogner, Michael; Gum, Tim			
Subject:	Well Producing w/o an approved N	SL		
		<b>F</b> 1	21	200

February 21, 2002

Dominion Exploration & Production (formally Louis Dreyfus Natural Gas Corporation) 140000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134 Attn: To Whom It May Concern

## RE:

Dominion Exploration & Production's Geronimo '34' State Com. Well No. 1Y. Located in Unit E, 1700 feet from the North line and 1038 feet from the West line of Section 34, Township 17 South, Range 28 East, Eddy County, NM, NMPM.

Dear Sirs/Madams,

In reference to the above captioned well, a field inspection on 2/20/2002 reveled that said well is producing without an approved Form C-104, "Request for Testing Allowable and Authorization to Transport".

This well is considered non-standard for an oil well according to Division Rule 104.B(1). Said well is to be **shut-in immediately** until a NSL approval has been issued in addition to an approved Form C-104 by this district office.

Please call if you have any questions regarding this matter.

Respectfully yours,

Bryan G. Arrant Petroleum Engineer Specialist

E-mail:

Michael E. Stogner, Engineering/Chief Hearing Officer, Santa Fe Tim Gum, District Supervisor, Artesia

-6 - 5 - 4 - 3 - 2 - 1 - 1 - 12 - 1 - 12 - 1 - 12 - 1 - 1	WNSHIP /	7-South RA	NGE 28-E	est NM	IPM	
-7 - 8 - 9 - 1011 - 12 - 12 - 12 - 12 - 12 - 1						
-7 - 8 - 9 - 1011 - 12 - 12 - 12 - 12 - 12 - 1	6	5		2	2	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			4			Î.
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$						
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$						
-18 - 17 - 16 - 15 - 14 - 13 $-18 - 17 - 16 - 15 - 14 - 13$ $-19 - 20 - 21 - 22 - 23 - 24 - 14$ $-30 - 29 - 28 - 27 - 26 - 25 - 14 - 13$ $-31 - 32 - 33 - 34 - 35 - 36 - 14 - 13$ $-31 - 32 - 33 - 34 - 35 - 36 - 14 - 14 - 13$ $-31 - 32 - 33 - 34 - 35 - 36 - 14 - 14 - 13$ $-31 - 32 - 33 - 34 - 35 - 36 - 14 - 14 - 13$ $-31 - 32 - 33 - 34 - 35 - 36 - 14 - 14 - 14 - 13$ $-31 - 32 - 33 - 34 - 35 - 36 - 14 - 14 - 13 - 14 - 13$ $-31 - 32 - 33 - 34 - 35 - 36 - 14 - 14 - 13 - 14 - 13$ $-31 - 32 - 33 - 34 - 35 - 36 - 14 - 14 - 13 - 14 - 13$ $-31 - 32 - 33 - 34 - 35 - 36 - 14 - 14 - 14 - 13 - 14 - 13$ $-31 - 32 - 33 - 34 - 35 - 36 - 14 - 14 - 14 - 13 - 14 - 13 - 14 - 13 - 14 - 13 - 14 - 14$	- 7	8	- 9			-12
-18 - 17 - 16 - 15 - 14 - 13 - 13 - 19 - 20 - 21 - 22 - 23 - 24 - 1 - 13 - 19 - 20 - 21 - 22 - 23 - 24 - 1 - 13 - 19 - 20 - 21 - 22 - 23 - 24 - 1 - 13 - 19 - 20 - 21 - 22 - 23 - 24 - 1 - 10 - 10 - 10 - 10 - 10 - 10 - 10						
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$						
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$						
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	-18		-16		14	13-
-30 - 29 - 28 - 27 - 26 - 25 -30 - 29 - 28 - 27 - 26 - 25 -31 - 32 - 33 - 34 - 35 - 36 -31 - 32 - 36 - 36 - 36 -31 - 32 - 36 - 36 - 36 - 36 - 36 - 36 - 36				1		
-30 - 29 - 28 - 27 - 26 - 25 -30 - 29 - 28 - 27 - 26 - 25 -31 - 32 - 33 - 34 - 35 - 36 -31 - 32 - 33 - 34 - 35 - 36 			-			
-30 - 29 - 28 - 27 - 26 - 25 -30 - 29 - 28 - 27 - 26 - 25 -31 - 32 - 33 - 34 - 35 - 36 - 32 - 33 - 34 - 35 - 36 - 34 - 35 - 36 - 36 - 36						
-31 - 32 - 33 - 34 - 35 - 36 scription: <sup>5</sup> / <sub>2</sub> Sec. 19; <sup>5</sup> / <sub>2</sub> Sec. 20; <sup>5</sup> / <sub>2</sub> Sec. 21; <sup>5</sup> / <sub>2</sub> Sec. 22, <sup>N</sup> Secs. 2, rx 34 (R-391, 11-25-53). Special rules rescinded, pool now on tewide spacing (R-5809, 9-20-78) EXT: <sup>N</sup> /2 Sec. 20 (R-7009, Griffon : <sup>NE</sup> /4 Sec. 21 (R-11203, 6-14-89) EXT: <sup>N/2</sup> Sec. 11, <sup>NW</sup> /4 Sec. 21 (R-11256, 644)	19	-20	2	22	23	24
-31 - 32 - 33 - 34 - 35 - 36 scription: <sup>3</sup> / <sub>2</sub> Sec. 19; <sup>3</sup> / <sub>2</sub> Sec. 20; <sup>3</sup> / <sub>2</sub> Sec. 21; <sup>3</sup> / <sub>2</sub> Sec. 22, <sup>N</sup> Secs. 2) -21. 34 (R-391, 11-25-53). Special rules rescinded, pool now on ewide spacing (R-5809, 9-20-78) EXT: <sup>N/</sup> 2 Sec. 20 (R-7009, Griffon <sup>N</sup> <sup>2</sup> /4 Sec. 21 (R-11203, 6-14-89) EXT: <sup>N/</sup> 2 Sec. 11, <sup>N</sup> <sup>W</sup> /4 Sec. 21 (R-11256, Nul <sup>N<sup>2</sup>/4 Sec. 21 (R-11203, 6-14-89) EXT: <sup>Sec.</sup> 11, <sup>NW</sup>/4 Sec. 21 (R-11256, Nul <sup>N<sup>2</sup>/4 Sec. 21 (R-11203, 6-14-89) EXT: <sup>Sec.</sup> 11, <sup>NW</sup>/4 Sec. 21 (R-11256, Nul <sup>N<sup>2</sup>/4 Sec. 21 (R-11203, 6-14-89) EXT: <sup>Sec.</sup> 11, <sup>NW</sup>/4 Sec. 21 (R-11256, Nul <sup>N<sup>2</sup>/4 Sec. 21 (R-11203, 6-14-89) EXT: <sup>Sec.</sup> 11, <sup>NW</sup>/4 Sec. 21 (R-11256, Nul <sup>N<sup>2</sup>/4 Sec. 21 (R-11203, 6-14-89) EXT: <sup>Sec.</sup> 11, <sup>NW</sup>/4 Sec. 21 (R-11256, Nul <sup>N<sup>2</sup>/4 Sec. 21 (R-11203, 6-14-89) EXT: <sup>Sec.</sup> 11, <sup>NW</sup>/4 Sec. 21 (R-11256, Nul <sup>N<sup>2</sup>/4 Sec. 21 (R-11203, 6-14-89) EXT: <sup>Sec.</sup> 11, <sup>NW</sup>/4 Sec. 21 (R-11256, Nul <sup>N<sup>2</sup>/4 Sec. 21 (R-11203, 6-14-89) EXT: <sup>Sec.</sup> 11, <sup>NW</sup>/4 Sec. 21 (R-11256, Nul <sup>N<sup>2</sup>/4 Sec. 21 (R-11203, 6-14-89) EXT: <sup>Sec.</sup> 11, <sup>NW</sup>/4 Sec. 21 (R-11256, Nul <sup>N<sup>2</sup>/4 Sec. 21 (R-11203, 6-14-89) EXT: <sup>Sec.</sup> 11, <sup>NW</sup>/4 Sec. 21 (R-11256, Nul <sup>N<sup>2</sup>/4 Sec. 21 (R-11203, 6-14-89) EXT: <sup>Sec.</sup> 11, <sup>NW</sup>/4 Sec. 21 (R-11256, Nul <sup>N<sup>2</sup>/4 Sec. 21 (R-11203, 6-14-89) EXT: <sup>Sec.</sup> 11, <sup>NW</sup>/4 Sec. 21 (R-11256, Nul <sup>N<sup>2</sup>/4 Sec. 21 (R-11203, 6-14-89) EXT: <sup>Sec.</sup> 11, <sup>N</sup>/4 Sec. 21 (R-11256, Nul <sup>N<sup>2</sup>/4 Sec. 21 (R-11203, 6-14-89) EXT: <sup>N<sup>2</sup>/4 Sec. 21</sup> (R-11256, Nul <sup>N<sup>2</sup>/4 Sec. 21 (R-11256) (R-11256) (R-11256) (R-11</sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup></sup>				1		
-31 - 32 - 33 - 34 - 35 - 36 seription: <sup>3</sup> / <sub>2</sub> See. 19: <sup>3</sup> / <sub>2</sub> See. 20; <sup>3</sup> / <sub>2</sub> Sec. 21; <sup>3</sup> / <sub>2</sub> Sec. 22, <sup>N</sup> Secs. 2, -2, 34 (R-391, 11-25-53). Special rules rescinded, pool now on ewide spacing (R-5809, 9-20-78) EXT: <sup>N</sup> /2 Sec. 20 (R-7009, Griffon : <sup>N</sup> E4Sec. 21 (R-11203, 6-14-89) EXT: <sup>N</sup> /2 Sec. 11, <sup>N</sup> <sup>W</sup> /4 Sec. 21 (R-11256, 644)						+ + + + + + + + + + + + + + + + + + +
-31 - 32 - 33 - 34 - 35 - 36 seription: <sup>3</sup> / <sub>2</sub> See. 19: <sup>3</sup> / <sub>2</sub> See. 20; <sup>3</sup> / <sub>2</sub> Sec. 21; <sup>3</sup> / <sub>2</sub> Sec. 22, <sup>N</sup> Secs. 2, -2, 34 (R-391, 11-25-53). Special rules rescinded, pool now on ewide spacing (R-5809, 9-20-78) EXT: <sup>N</sup> /2 Sec. 20 (R-7009, Griffond : <sup>N</sup> E4Sec. 21 (R-11203, 6-14-99) EXT: <sup>N</sup> /2 Sec. 11 (R-11256, 644)						+ + + + + + + + + + + + + + + + + + +
21. 34 (R-391, 11-25-53). Special rules rescinded, pool now on ewide spacing (R-5809, 9-20-78) EXT: N/2 sec 20 (R-7009, Gallan NE4 Sec. 21 (R-11203, 6-14-89) Ext 5/2 sec. 16 NW4 Sec. 21 (R-11256, 1014)	-30	29	- 28	-27	26	25-
21. 34 (R-391, 11-25-53). Special rules rescinded, pool now on ewide spacing (R-5809, 9-20-78) EXT: N/2 sec 20 (R-7009, Gallan NE4 Sec. 21 (R-11203, 6-14-89) Ext 5/2 sec. 16 NW4 Sec. 21 (R-11256, 1014)						
21. 34 (R-391, 11-25-53). Special rules rescinded, pool now on ewide spacing (R-5809, 9-20-78) EXT: N/2 sec 20 (R-7009, Gallan NE4 Sec. 21 (R-11203, 6-14-89) Ext 5/2 sec. 16 NW4 Sec. 21 (R-11256, 1014)						
21. 34 (R-391, 11-25-53). Special rules rescinded, pool now on ewide spacing (R-5809, 9-20-78) EXT: N/2 sec 20 (R-7009, Gallan NE4 Sec. 21 (R-11203, 6-14-89) Ext 5/2 sec. 16 NW4 Sec. 21 (R-11256, 1014)						
21. 34 (R-391, 11-25-53). Special rules rescinded, pool now on ewide spacing (R-5809, 9-20-78) EXT: N/2 sec 20 (R-7009, Gallan NE4 Sec. 21 (R-11203, 6-14-89) Ext E/2 sec. 16 NW4 Sec. 21 (R-11256, 1014)	- 31	32	-33		35	36-
21. 34 (R-391, 11-25-53). Special rules rescinded, pool now on wide spacing (R-5809, 9-20-78) EXT: N/2 sec 20 (R-7009, Galland NE4Sec, 21 (R-11203, 6-14-89) Ext E/2 sec. 16 NW4 Sec. 21 (R-11256, 1014)			-	· `		
24 34 (R-391, 11-25-53). Special rules rescinded, pool now on Lewide spacing (R-5809, 9-20-78) EXT: N/2 sec 20 (R-7009, Galland NE4 Sec. 21 (R-11203, 6-14-89) Ext 5/2 sec. 16 NW4 Sec. 21 (R-11256, 1014)		5/ /	SI C	51.0	SIC	NIC
	ewide sp NE4Sec	2-391, 11-25-53 acing (R-5809 , 21 (R-1/203,6-	). Special r 9-20-78) 14-89) Ext:	ules rescin EXT: N/2 5 E/2 Sec. 16	ded, pool m ec 20 (R-7 45ec. 21 (R-	009, 67197 11256, 1010
	. MSec 1	9, 745 ec. 22 (K-11:	44,3-13-01)	-X1: 72 Sec.	17CK 71706,1	-9-02)
NW4 Sec. 19, NW4 Sec. 22 (R-11544, 3-13-01) Ext. E/2 Sec. 17 (R-11706, 1-9-02)						-
. /4 Sec. 19, 745ec. 22(K-11544,3-13-61) Ext. 74 Sec. 17(K-71766,1-9-02)			x			
. /Y Sec. 19, 7745ec. 22(K-11544,3-13-61) Ext. 74 5ec. 17(K-71766,1-9-02)						
. /4 Sec. 19, 7745 ec. 22 ( K-11344, 3-13-61 ) Ext. 74 5 ec. 17 (K-71766, 1-9-02)	· · · ·					
, /4 Sec. 19, 7745ec. 22(K-11544,3-13-61) Ext; 74 5 Cc. 17(K-71766,1-9-02)			*		1	
. /4 Sec. 19, 7745ec. 22(K-11544,3-13-61) Ext. 74 5 Cc. 17(K-71766,1-9-02)						No. of Concession, No. of Conces
. /4 Sec. 19, 7745ec. 22(K-11544,3-13-61) Ext. 74 5 Cc. 17(K-71766,1-9-02)						

31

)

Y

320

A CONTRACTOR OF A CONTRACTOR OF

- 74

PO Box 1980, Ho Distric II 811 South First, A District III 1000 Rio Brazos District IV	Artesia, NM 3	38210	•	OIL CO	NSERVATI 2040 South I Santa Fe, NN			-1234	bm. Ap 5639	In opropri State Fee	October 18, 1994 structions on back ate District Office e Lease - 6 Copies e Lease - 5 Copies
2040 South Pache		·		TO DR	ILL, RE-EN	JTER DEF	EPENRI		5		IDED REPORT D A ZONE
Louis Drey 14000 Quai Oklahoma (	fus Natura il Springs	al Gas C Parkwa	orporation	Operator N	ame and Address.	30-		- ARTESIA	5	² <b>0</b> 0	GRID Number 25773 API Number
260	Code				<mark>۴ P</mark> Geronimo "34	roperty Name "State Com					Well No.
					<sup>7</sup> Surface	Location					
UL or lot no.	Section	Townsi		Lot Idn	Feet from the	North/South I		et from the	East/West		County
E	34	175		Dettor	1700 Hole Locat	North		138	We We	st	Eddy
UL or lot no.	Section	Townsh		Lot Idn	Feet from the	North/South li		et from the	East/West	line	County
	Empire; I		posed Pool 1	·····	l	1	!	<sup>10</sup> Propos	sed Pool 2	······································	L
1	Гуре Code N		<sup>12</sup> Well Type G	Code	<sup>13</sup> Cable		14]	Lease Type Cod S	le	<sup>15</sup> Grou	nd Level Elevation 3673'
(	litiple N		<sup>17</sup> Proposed 10,900	-	<sup>18</sup> Forn Mor	nation		Contracto Patterson	r	20 5	Spud Date
	im WO	C time		1	sed Casing a						<u></u>
Hole S	ize	Ca	sing Size	······	g weight/foot	Setting D			Cement	Est	timated TOC
17 1/2"		13	3/8"	54	.5#	425'		450	sks	Surf	ace
12 1/4"			5/8"		6#	2,700'		900	sks	Surf	ace
8 3/4"		5	1/2"	1	7#	10,900'		2500	sks	Tie t	back to 9 5/8"
Describe the blo 1. Drill 17 2. Drill 12	1/2" hold 1/4" hold /4" hole	$\frac{1}{2} \cot \frac{1}{2} \cot \frac{1}$	ram, if any. Us 25'. Run 1 ,700'. Set ,900'. Run	e additional s 3 3/8" cs 9 5/8" cs 5 1/2" cs	N or PLUG BACK sheets if necessary. g. and cement g. and cement g. and cement	to surface v to surface v	v/450 sk v/900 sk	s. cement. s cement.		osed new	productive zone.
<sup>23</sup> I hereby certify my knowledge as		ormation g	iven above is tru	e and comple	te to the best of			DNSERVA			
Signature:	nd belief.	<b>、</b> (		tia	A	.pproved by: 🛛 🚺	)rigin/	al signe	D BY TI	m W.	GUM Pre
	nd belief. ONC Carla Cl	hristian	his	tion	<b>`</b>	pproved by:	)RIGIN/ HSTRIC	al signe T ii sup	D BY TH ERVISOR	MW.	GUM BGA
Signature:	ante		in an	tion	Т	itle:			ERTIBUR		GUM B64

Ň

DISTRICT I 1625 N. French Dr., Hobbs, NM 56240 DISTRICT II 811 South First, Artesia, NM 86210

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

DISTRICT IV 2040 South Pacheco, Santa Fe, NM 87505 State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102 Revised March 17, 1999

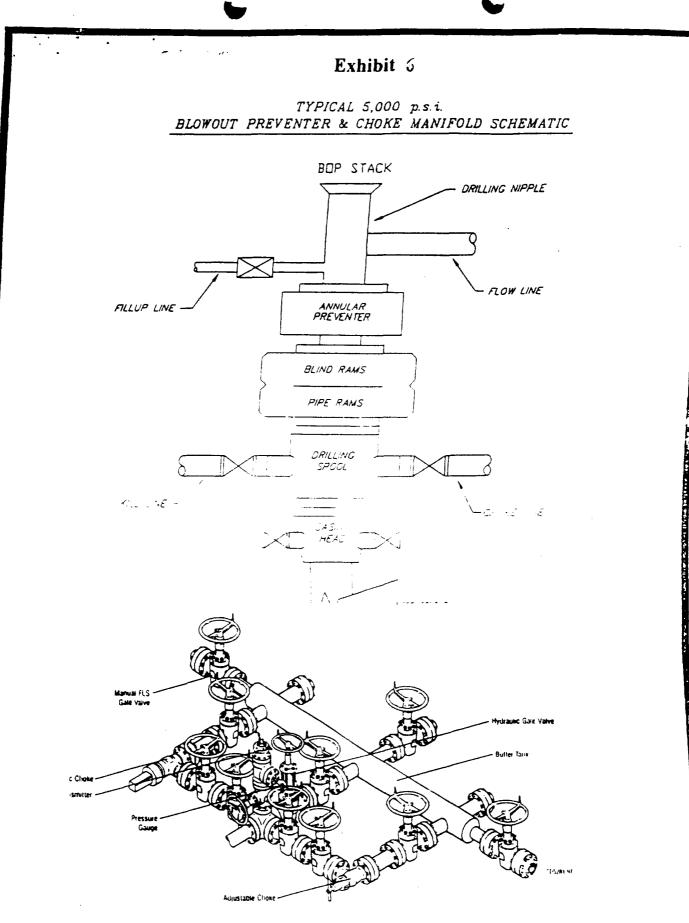
mergy, anderais and Natural Resources Department

Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, New Mexico 87504-2088

□ AMENDED REPORT

			WELL LO	CATI	ION	AND ACRE.	AGE DEDICA	TIOI	N PLAT	·		
API	Number			Pool Co	ode				Pool Name			
		1	]				Empire; P	enn		<del></del>		
Property (	Code			C	FR	Property National NIMO "34"	STATE COM			₩еШ №1 1 ү		
OGRID N	D.	+				Operator Nam		· · · ·		Elevation		
02577	3		LOUIS	DRE	YFU:	S NATURAL	GAS CORPO	RAT	ION	367	3'	
UL or lot No.	Section	Township	Range	Lot I	ldn	Feet from the	North/South lin	e	Feet from the	East/West line	County	
E	34	17 S	<b>28</b> E			1700	NORTH		1038	WEST	EDDY	
			Bottom	Hole	Loc	ation If Diff	erent From S	urfa	ce			
UL or lot No.	Section	Township	Range	Lot I	ldn	Feet from the	North/South lin	e	Feet from the	East/West line	County	
			<u> </u>									
Dedicated Acres	B Joint o	or Infill C	onsolidation	Code	Ord	er No.						
320		N	<u>C</u>		L							
NO ALLO	WABLE W						UNTIL ALL INT APPROVED BY			EEN CONSOLIDA	ATED	
										······································		
State Le	ase	State	Lease						OPERATO	OR CERTIFICAT	NOI	
E-949		E-71	16							y certify the the in		
										n is true and compl vledge and belief.	ete to the	
	700'								M	0.		
	· · ·			l					Hen	Aime		
- China II. Manager and Anna			آنام جامعان میں اول کے اور اور کار	L	· ·				Signature			
3675.	r 1					1			Gene S			
1038		Lat.: N32" Lona.: W10	47'37.3″ 04°10'10.1″			Ì			Printed Nam	_		
3670.	1	-				1			<u> </u>	Ops. Mgr.		
l	-	0.0				l			7-2	4-00		
State Le 647	ase								Date			
				l					SURVEYO	OR CERTIFICAT	TION	
							,		I hereby certify	y that the well locat	ion shown	
State I B-2071						1			on this plat w	as plotted from field	i notes of	
D-2071						1				made by me or nd that the same is		
ł	ļ					Í			correct to th	e best of my beliej	r.	
	t					1			Mc	<u>19.</u> 2000		
	l			l		1			Date Surfeye	IN JONES		
t								A	Signature & Professional	WELLANGER A		
						1			$\times / / / / / / / / / / / / / / / / / / /$	19		
	1					1			3 ED (	ter 1		
	1					1			M HE W.	- / 711gh		
	]									1.34	7977	
									Certification	C. COTY UNDERIES	/3//	
						I			В	ASIN SURVEY S		



Typical Choke Manifold Designed for Land Drilling Applications

					si		
Submit 3 Copies To Appropriate	State	of Ne	w Mexico		0	For	m C-103
District Office DISTRICT I	Energy, Minera	als and	i Natural Resources			Revised Ma	arch 25, 1999
1625 N. French Dr., Hobbs, NM 88240 DISTRICT II	OIL CONSE	RVA	TION DIVISION	WELL API 1 30-015	~ 7	129	3
811 South First, Artesia NM 88210			n Pacheco	5. Indicate	Type of Lease		
DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410			IM 87505	STA	Type of Lease	EE 🔲	
<u>District IV</u> 2040 S. Pacheco, Santa Fe, NM 87505	~ uiitu	10,1	AS COLORISON		l & Gas Lease		
2040 S. Pacifico, Santa Fe, 1919 87505				100	<u>E-7116, 647,</u>		
SUNDRY NOT (DO NOT USE THIS FORM FOR P DIFFERENT RESERVOR. USE "APP 1. Type of Well: Oil Well Gas Well		DEEPEN	OR PLUG BACK TO A DE OCD - ARTESIA	1282	ne or Unit Agr 34" State Cor		me:
2. Name of Operator Louis Dreyfus Natural Gas Corporation	)n		45342678310	8. Well No	. 1Y		
3. Address of Operator 14000 Oklahoma City, OK 73134	) Quail Springs Parkway, Suite	e 600			ne or Wildcat e; Penn	:	·
4. Well Location Unit letter <u>E : 17</u>			line and <u>1038</u>			line	
Section 34	Township		Range 28E	NMPM	Eddy	County	and the second
	10. Elevation (Show v	whether 3673'	DF, RKB, RT, GR, etc.)				e de la companya de la companya de la comp
11. Chec	k Appropriate Box to	Indica	ate Nature of Notice, Re	eport or Otl	ner Data		
NOTICE OF IN	TENTION TO:		SUBSEQ	UENT RE	PORT OF:		
PERFORM REMEDIAL WORK	PLUG AND ABANDON		REMEDIAL WORK		ALTERING	CASING	
TEMPORARILY ABANDON	CHANGE PLANS		COMMENCE DRILLING (	OPNS.	PLUG AND ABANDONN	MENT	
PULL OR ALTER CASING	MULTIPLE COMPLETION		CASING TEST AND CEM	ENT JOB 焰		VILLIVI	<b>–</b>  
OTHER:			OTHER:				
<ul> <li>12. Describe proposed or completed posed work). SEE RULE 1103.</li> <li>8-20-00 ran 5 1/2", 17# csg se 2<sup>nd</sup> stage w/780 sxs 50/50 poz.</li> </ul>	For Multiple Completions: A t @ 10,591'. Cemented 1st	ttach w	nt details, and give pertinent da ellbore diagram of proposed co lead w/300 sxs Interfill "H"	ompletion or re , tail w/650 S	compilation.	_	any pro-

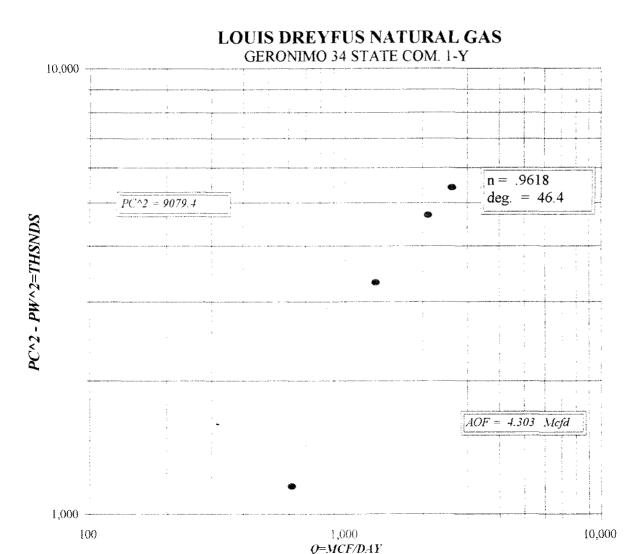
I hereby certify that the inf	ormation above is true and co	omplete to the bes	st of my knowledge and belief		
signature Coule	Christian		Regulatory Technician	DATE	8/22/00
Type or print name Ca	rla Christian			Telephone No. (405)	749-5263
(This space for State use)					
APPROVED BY	se.	TITLE			<sub>E</sub> OCT 0 2 2000
Conditions of approval, if	any: Ry Plea	se nore	EST. TOC AC	1	

· •			- (	7
Submit 3 Copies To Appropriate District Office	State of Ne	w Mexico	51	Form C-103
DISTRICT I	Energy, Minerals and	Natural Resources	WELL API NO.	Revised March 25, 1999
1625 N. French Dr., Hobbs, NM 88240 DISTRICT II	OIL CONSERVA	TION DIVISION	30-015- <del>31172-</del>	1293
811 South First, Artesia NM 88210 DISTRICT III	2040 South		5. Indicate Type of Lease	
1000 Rio Brazos Rd., Aztec, NM 87410	Santa Fe, N	M 87505	STATE <b>F</b> FE	
District IV 2040 S. Pacheco, Santa Fe, NM 87505		1	6. State Oil & Gas Lease E-949, E-7116, 647,	
SUNDRY NOTIO (DO NOT USE THIS FORM FOR PRO DIFFERENT RESERVOIR. USE "APPLIC		OR PLUG BACK TO A	7. Lease Name or Unit Agre	ement Name:
1. Type of Well: Oil Well Gas Well	Other	ο <i>ι</i> Α <sub>(<sup>†</sup>)</sub>	Geronimo "34" State Con	n
2. Name of Operator Louis Dreyfus Natural Gas Corporation	$\checkmark$		8. Well No. 1Y	
3. Address of Operator 14000 Q Oklahoma City, OK 73134	Quail Springs Parkway, Suite 600		9. Pool name or Wildcat Empire; Penn	
4. Well Location Unit letter <u>E</u> : 1700	feet from theNorth	line and <u>1038</u> 1	feet from the <u>West</u>	line
Section 34	Township 17S	Range 28E	NMPM Eddy	County
	10. Elevation (Show whether	DF, RKB, RT, GR, etc.)	an a	
	3673'			and the second
11 Check	Appropriate Box to Indica	te Nature of Notice Re	Prort or Other Data	and the second
NOTICE OF INTE			UENT REPORT OF:	
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK	$\square  \text{ALTERING} $	CASING
TEMPORARILY ABANDON	CHANGE PLANS	COMMENCE DRILLING C		
PULL OR ALTER CASING	MULTIPLE COMPLETION	CASING TEST AND CEME	ENT JOB V	AENT 🗖
OTHER:		OTHER:		
12. Describe proposed or completed op posed work). SEE RULE 1103. Fc				of starting any pro-
7-31-00 ran 9 5/8" csg set @ 2,66 150 sks to reserve pit. Plug down				lated
I hereby certify that the information	above is true and complete to the	e best of my knowledge an		
SIGNATURE COULD ()				ГЕ 8/4/00
Type or print name Carla Christia	n <b>A</b>		· •	05) 749-5263
(This space for State use)	BD	0:	·····	
APPROVED BY Conditions of approval, if any:	lig from TIT	LE Nistrict Sup	D/	<b>UCI 02 200</b> 4

Submit 3 Copies To Appropriate District Office	State of Ne		51	Form C-103
DISTRICT I 1625 N. French Dr., Hobbs, NM 88240	Energy, Minerals and	Natural Resources	WELL API NO.	Revised March 25, 1999
DISTRICT II	OIL CONSERVA	TION DIVISION	<u>30-015-<del>31172</del></u>	11293
811 South First, Artesia NM 88210 DISTRICT III	2040 South	n Pacheco	5. Indicate Type of Lea	
1000 Rio Brazos Rd., Aztec, NM 87410 District IV	Santa Fe, N	M 87505		FEE
2040 S. Pacheco, Santa Fe, NM 87505		<b>•</b>	6. State Oil & Gas Lea E-949, E-7116, 64	
(DO NOT USE THIS FORM FOR PRO DIFFERENT RESERVOIR. USE "APPLIC 1. Type of Well:		FOR PLUGBACK TO A	7. Lease Name or Unit A Geronimo "34" State C	greement Name:
Oil Well Gas Well	Other			
2. Name of Operator Louis Dreyfus Natural Gas Corporation			8. Well No. 1Y	
3. Address of Operator 14000 C Oklahoma City, OK 73134	Quail Springs Parkway, Suite 600		9. Pool name or Wildc. Empire; Penn	at
4. Well Location				
Unit letter <u>E : 1700</u>	) feet from the <u>North</u>	_line and1038f	feet from the <u>West</u>	line
Section 34	Township 17S	Range 28E	NMPM Eddy	County
	10. Elevation (Show whether	DF, RKB, RT, GR, etc.)		
	3673'		and a second statement of the second statement of the second statement of the second statement of the second st	
11 Check	Appropriate Box to Indica	te Nature of Notice Re		an anashin da tang kashi sa bu
NOTICE OF INTI		1	UENT REPORT OF	·•
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK		
TEMPORARILY ABANDON	CHANGE PLANS	COMMENCE DRILLING C		
PULL OR ALTER CASING	MULTIPLE	CASING TEST AND CEME	ABANDOI	NMENT
	COMPLETION			
OTHER:		OTHER:		
12. Describe proposed or completed op posed work). SEE RULE 1103. For				
7-25-00 rig skidded and well spu	dded			
7-26-00 ran 13 3/8" 48# csg, set (	( $a$ ) 443'. Cemented lead w/100 s	ks Premium Plus 10 LB/SS	cal seal + 2% CaCl, tail	ed w/200 sks
Prem/Plus 2% CaCl, displaced w/				
I have all a second				
I hereby certify that the information $($	above is true and complete to th	ie best of my knowledge and	d bellef.	
SIGNATURE CONCA M	uslian TITLI	E Regulatory Technic	ian D	ATE 7/28/00
Type or print name Carla Christia	in		Telephone No.	(405) 749-5263
(This space for State use)	ding W. Sum	Districts	in Annisar	
APPROVED BY Conditions of approval, if any:	Beb TIT	LE	- Jun	DATE OCT 0 2 2001

									K
District I PO Box 1980, Ho	bbs, NM 88241-1	980	Energy		New Mexico Natural Resources Depart	ment		Revise	Form C-104 d February 21, 1994
District II PO Drawer DD, A	Artesia, NM 88211	-0719	OIL		VATION DIVIS	ION		Submit to Apro	Instructions on back priate District Office
District III	Rd., Aziec, NM 87		S	PC anta Fe, N	) Box 2088 NM 87504-2088		· · · · · · · ·	AMENDE	5 Copie; D REPORT
	nta Fe, NM 87504						<del>_</del>		
I	RE	<u>`</u>		LOWAB	LE AND AUTH	ORIZATION			
	Louis	l Operator name a Preyfus Nat		lac				GRID Number	
		Juail Sprin			00			.5773	
			-	-			3 Reason f	for Filing Code	
		<u>na City, O</u> Number		<u>11a 75154</u>	5 Pool Name			6 Pool Code	
30-0 1	5-31293			Eı	mpire; Penn			7644	÷0
	7 Property	y Code			8 Property Name			9 Well Number	······································
2	6001		Ge	eronimo	"34" State Com	n		14	
<u>II.</u>		ice Locatio	n		······				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<u> </u>	34	17S	28E	l	1700	North	1038	West	Eddy
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
12 Lse Code	13 Producing M	thod Code		Connection Date	15 C-129 Permit Number	16 C-	129 Effective Date	17 C-129	Expiration Date
S III.		as Transpo		23-00					
18 Transporter OGRID	~ *	19 Transporter Nam and Address	ı¢		20 POD	21 O/G	   	22 POD ULSTR Loca and Description	
9	<i>90</i>	Arco Pei		<b>`</b>	3827075	• 34–175–2			
		P.O. Box Midland	<b>,</b> TX	79702				y Transfer	1
13864	·8	Amoco Pi			2827074	0	-	• 34–17s–2	8E
		502 N.W. Levellar					Tank Ba	-	
·								08293031	
								128293031 4	
					ار میں در میں ایک میں اور			BUT 2.	
IV. Pro	duced Wa	ater						ADD ART	FZIA 221
28272	23 POD	E, Sec	. 34-	17S-28E,	24 POD ULSTR Location and D Tank Battery	Description		CD AIL	g1 1 6. 7
25 Spud D	·····		26 Ready D	ate	27 TD		28 PBTD		29 Perforations
7-25-	-00	9-23-	1	10,291 -	10,303 6 SPF				
	30 Hole Size			31 Casing & Tubing	th Set	33 Sacks Cen			
1	L7 1/2"				300 sks	1			
]	L2 1/4"			9 5/	'8''	2666		950 sks	
	8 3/4"			5 1/	<u>′2''</u>	10591		1730 sks	
	l Test Da	ta				<u> </u>			
VI. Wel 34 Date Ne	····	35 Gas Delivery	Date		36 Test Date	37 Test Length		18 The Breeze	10 C R
9-23-		9-23-0	i.	10-5		24 hrs	2	38 Tbg Pressure	39 Csg. Pressure
40 Choke S	———— i -	41 Oil			42 Water	43 Gas		44 AOF	45 Test Method
	1		i			1			

			3	0-	019-	2	121	ノ		- 00	30.31				<
	nit in duplica opriate distri				En			New Mexico and Natural R	esolution	6212825	A	12	Revised	Form C-122 October, 1999	,
	Rule 401 & I				En	oil Oil	Conser	vation Divisio	esourc n/∿	es G	CT 2000		5)	·····	
								Pacheco	i Å		CEIVEI		50		
					D OVE D			A 87505			CASE	SIA.			
<b></b>					······································		BACK	<b>PRESSUR</b>		·			_ <del></del>	TCOM	1
Opera		LO	UIS DREY	FUS N	ATURAL (	JAS		Lease	or Unit			( )	NIMO 34 S	51. COM	1
Туре	I est	🗌 Annua	. –	Specia	.1					Test Date	/00 * °*	Wéll N	10. 1-3	,	
Com	letion Date	( Total		j specia		Plug	Back TD			Elevation		Unit L	r - Sec - TW	,	
0	9-13-	<i>00</i>	10, 6	00	)	D 6	ations:	10451		367	•3	E	34-1	2-28	
Csg. S	1	17 4.89	2 Set AI	104	51	- T		10291	To:	103	03	County	, EDD	Y	
Tbg.			Set At	104		From: Perfor	ations:	10291	10.			Pool			1
-	}	4.7 1.99		101	30	From			То:			E	4. 194 (s	Paul	
	Well-Single-Bi		G. or G.O. M	ultiple			Packer	Set At				Format		TENN	
	Ū	S	SINGLE						0172				le	¥N	
	cing Thru TUBING	Reservoir T 176		ean Ann	ual Temp. °F 60		Baro. Pi		3.2			Connec	tion AIF	2	ł
L	Н	-	Gg		26CO2	%N2	L	%H <sub>2</sub> S	Prove		Meter F			Taps	1
1	0215	10215	0.6 FLOW DA		0.505	0	.402	N/A TUDI	NG DA	N/A		4.02	DATA	FLG	
	Prover	Orifice	Press		Diff.	Tama		Press	Temp	· · · · · ·	Press	ASINO	Temp.	Duration of	
No.	Line <sub>X</sub> Size	Size	p.s.i.g.	ł	1 <sub>w</sub>	Temp. °F		p.s.i.g.	°F	ı.	p.s.i.g.		۰F	Flow	
SI	5120	<u>512¢</u>				+	<u> </u>	3000		N/A	PK	R	N/A		
1	4.026	X 2.000	29	0	2	+	68	2800	1					1 HR	Í
2.		X 2.000	44	0	6		68	2380						1 HR	
3		X 2.000	430		16	-	70	2050	<u> </u>		<u> </u>			1 HR	İ
_4	4.026	X 2.000	36	<u> </u>	29	- <b> </b>	70	1850	ļ					1 HR	ļ
_5	<u>.</u>	···			DATE		<u>ow c</u>	L ALCULATI							1
	COFF	FICIENT			Pressure	1		LCOLAIN	5113	Supe	r Compres		Rate	of Flow	
No.		Hour)	$-\sqrt{h_w P}$	m	Pm		v Temp. 21or Ft.	Gravity Factor	Fg		ctor F pv			Mcfd	
1	19	9.81	24.		303.2		9924	1.214			1.055			619	
2		9.81	52.		453.2		9924	1.214			1.055			1311	
_3		9.81	84.		443.2		9905	1.214			1.055		·	2116	
_4	1	9.81	10-	4	373.2	0.	9905	1.214			1.055		<del>`</del>	2613	ł
5 No.	P <sub>r</sub>	Temp. >	R T	+	Z	Gael	ianid Hy	drocarbon Ratio		l	N	/A	<u> </u>	Mcf bbl.	
1	0.78	528	1.3		0.895		-	of Liquid Hydro		s				Deg.	(
2	0.78	528	1.3		0.895	-	-	y Separator Gas			0.6	579		XXXXXXXX	
3	0.78	530	1.3		0.898			y Flowing Fluid				XXXX			ł
4	0.78	530	1.3	9	0.898		al Pressur			672	P.S.	-		P.S.I.A.	1
5	2040.7					Critic	al Tempe	rature		381		<u>R.</u>		R	
P <sub>c</sub>	<u>3013.2</u>				<u> </u>	-		D <sup>2</sup> -		1 69	() (	- ~	2 ] n	1.647	
No.	$P_t^2$	P <sub>w</sub>	P <sub>w</sub>		$P_c^2 - P_w^2$	$\downarrow^{(1)}$		$P_{c}^{2} =$		1.68	(2)		$\binom{2}{c} \prod_{n=1}^{n} =$	1.647	ł
1	7914.1	2815.3			1153.4	4	H	$P_{c}^{2} - P_{w}^{2}$			ľ	$P_{c}^{2}$ -	$\overline{P_w^2}$		
	5727.4	2404	5779		3300.3	4			$\mathcal{C}$	n <sup>2</sup> .	ر سر		-		
3	4256.8	2095.2			4689.6	4	AOF	= Q		P <sub>c</sub> <sup>-</sup>			4.303	-	
4	3471.5	1916.9	3674	4.5	5405.9	4				<u> </u>	-				Į
5										$^{2} - P_{w}^{2}$	<u></u>			0.0(12	4
	ute Open Flow		4.303		Mefd	<u>@ 15.02</u>	25	Angle of Slope	e ():		46.4		Slope n:	0.9618	ł
Rema	rks:														
Appro	oved By Divisio	on:	Conduct				Calcula				Checke	d By:			
			PF	RO WE	LL TESTIN	IG	<u> </u>	ME					BM		]



COMPANY UNIT	עת פומחד:	61100	SECTION	, dinton ino	DI DI COR	TOWNSHIP					*
L : \$C02	: 10215	8N2	: 10215 : 0.402	L/H H2S	:	G/GMIX	: 0.679 DATE	:9/13/00	Pt2 = 7914.1 5727.4	₽w =	2815.3 * 2404.0 *
d	: 1,995 ========	Fr =========	:0.018231		: 6936.0		RANGE		4256.8 3471.5		2095.2 * 1916.9 *
VOL 1 VOL 2		PSIA 2	: 2813.2 : 2393.2			RESV.TEMP	176.2		Pc2-Pw2= 1153.4 3300.3	Pw2 =	7926.0 * 5779.1 *
VOL 3 VOL 4			: 2063.2 : 1863.2			SHUT-IN PR	= 3013.2		4689.6 5404.9		4389.8 * 3674.5 *
			PCR TCR						n =	0.962	*
LINE	RATE 1		RATE 2		RATE 3		RATE 4		Pc2/(Pc2-Pw2) =	7.872 2.751 1.936	*   *
	`1ST	2ND	`1ST	2ND	1ST	2ND	1ST	2ND		1.680	*
1 QM	0.619	0.619	1.311	1.311	2.116	2.116	2.613	2.613			*
2 TW	534	534	534	534	534	534	534	534	[Pc2/Pc2-Pw2]n =	7.275	*
3 Ts	636.1	636.1	636.1	636.1	636.1	636.1	636.1	636.1		2.647	*
4 T	585.1	585.1	585.1	585.1	585.1	585.1	585.1	585.1		1.888	*
PR (est)	4.19		3.56		3.07		2.77			1.647	*
Z(est)	0.780	0.801	0.772	0.780	0.775	0.773	0.782	0.773	DOT 0	4 500	*
TZ GH/TZ	456.6 15.191	468.7 14.798	451.9	456.3	453.7	452.0 15.346	457.5 15.159	452.2 15.337	AOF= Q	4.503 3.470	*
GH/TZ es	15.191	14.798	15.349	15.200	15.288 1.774	15.340	15.159	15.337		3.470	*
l-e-S	0.434	0.426	0.438	0.434	0.436	0.438	0.434	0.437		4.303	*
Pt	2813.2	2813.2	2393.2	2393.2	2063.2	2063.2	1863.2	1863.2		4.303	*
Pt2 /1000	7914.1	7914.1	5727.4	5727.4	4256.8	4256.8	3471.5	3471.5			*
	0.018231			0.018231		0.018231		0.0182311			*
Fc=FrTZ	8.324	8.545	8.238	8.319	8.271	8.240	8.342	8.245			*
FcQm	5.15	5.29	10.80	10.91	17.50	17.44	21.80	21.54			*
L/H(FcQm)	26.5	28.0	116.6	118.9	306.3	304.0	475.1	464.1			*
	11.52964	11.91592	51.04782	51.68048	133.6624	133.0253	206.0037	203.00276			*
Pw2	7925.6	7926.0	5778.5	5779.1	4390.5	4389.8	3677.5	3674.5			*
Ps2	14010.1	13805.4	10275.3	10219.0	7789.1	7804.9	5492.9	6530.9			*
Ps	3743.0	3715.6	3205.5	3196.7	2790.9	2793.7	2548.1	2555.6			*
Р	3278.1	3264.4	2799.4	2795.0	2427.0	2428.5	2205.7	2209.4			*
Pr	4.88	4.86	4.17	4.16	3.61	3.61	3.28	3.29			*
2 Tr	1.54	1.54	1.54	1.54	- 1.54	1.54	1.54	1.54	_		*
3 Z	0.801	0.800	0.780	0.780	0.773	0.773	0.773	0.773	I F	ORM C122-	1) *

3 <b>267-19-2</b> ,			
	Laboratory Ser 4016 Fiesta I Hobbs, Now Mexi	Drive	
5 S	Telephone: (505)	397-3713	
FOR:	Louis Dreyfus Natural Ga Attention: Mr. Gene Simer P. O. Box 370 Carlsbad, New Mexico S3221	SAMPLE: IDENTIFICATIO COMPANY: LEASE: PLANT:	N: Geronimo 34 St. Com, 1-Y Louis Dreyfus Natural Gas
SAMPLE DATA: REMARKS:	DATE SAMPLED: 9/6/00 9:20 am ANALYSIS DATE: 9/6/00 PRESSURE - PSIG 3100 SAMPLE TEMP. °F ATMOS. TEMP. °F 86 H2S = 0	GAS (XX) SAMPLED BY: ANALYSIS BY:	LIQUID ( ) Rolland Perry Rolland Perry
	Well down.	MALYSIS	
	MOL		
	COMPONENT PERCENT		GPM
	Hydrogen Sulfide         (H2S)         0.000           Nitrogen         (N2)         0.402           Carbon Dloxide         (CO2)         0.507           Mathane         (C1)         86.567           Ethane         (C2)         6.885           Propane         (C3)         2.637           I-Butane         (IC4)         0.351           N-Butane         (IC5)         0.278           N-Pentane         (IC5)         0.265           Hexane Plus         (C6+)         1.386		1.838 0.724 0.115 0.229 0.101 0.095 0.602
	100,000	}	8.704
	BTU/CU.FT DRY1185AT 14.650DRY1182AT 14.650WET1161AT 14.73ORY1188AT 14.73WET1167		MOLECULAR WT. 19.7512
	SPECIFIC GRAVITY – CALCULATED 0.679 MEASURED		

				_		_		C.		
			State of Ney gy, Minerals and	2829	3031 —	1,343678		י כ		
				182V	A	U RU				
Submit To Appro State Lease - 6 co	opriate District Office	_	State of Ney	Mexico	and my	6)		Form C-10		
Fee Lease - 5 cop District I			gy, Minerals and	Natural R	sources	WEEL A	PINO	Revised March 25, 199		
	<b>Dr., Hobbs, NM 8724</b> 0	OU	CONSERVAT	H H	ECEIVED	SIA 30-	015-3129	93		
	Artesia, NM 87210	UIL	2040 South	Pacheco		5. Indica	ate Type of I			
	Rd., Aztec, NM 87410		Santa Fe, N			100 m	FATE 🖾	and the second		
2040 South Pache	conta Fe, NM 87505		IPLETION REP		<u>21019</u>	E-949	, E-7116	е. No. 647, B-2071		
Ia. Type of We	:				LOG	7. Lease N	ame or Unit Ag	reement Name		
	VELL GAS WE	ELL DRY	OTHER			_	-	" State Com		
b. Type of Co						Gero	nimo 34	State Com		
WELL VELL	OVER DE	EPEN PLUG BACK	DIFF. RESVR.	OTHER						
2. Name of Open	rator					8. Well No.				
Louis D	reyfus Natu	ral Gas Co	rporation				<u>1Y</u>			
			gs Parkway,	Suite (	500	9. Pool name				
0klahoma 4. Well Location	City, OK	/3134				Emp	ire; Per	1n		
Unit Lette		0 Feet From T	he North	Line	and 103	8	Feet From The	West Line		
					апа <u> — —                                </u>			_		
Section 10. Date Spudded	34 I II. Date T.D. Rea	Township ched 12. Date	<u>175</u> Compl. (Ready to Prod			NMPM F& RKB, RT, G	Edd R, etc.)	1 <u>Y</u> County 14. Elev. Casinghead		
7-25-00	8-18-00	. 9	-23-00		3673	GR				
15. Total Depth	16. Plug Ba		If Multiple Compl. Ho	w Many	18. Interval		s	Cable Tools		
10,600	10,4		Zones?		Drilled By	Ye				
-	erval(s), of this comple	-	Name				20. Was Direc	ctional Survey Made		
	10,303 Emp							Yes		
			tor LithoDe	nsity Co	omp. Ne	eutronas we	il Cored			
~	Laterolog			DD (Dama	ut all atu	in as sat in a	<u>No</u>			
23. CASING SIZ	E WEIGH	T LB./FT.	ASING RECO		E SIZE		Well)	AMOUNT PULLED		
13 3/8	4	8#	443'	17 1/2"		300 sk	S	-0-		
<u>95/8</u> 51/2		6# 7#	2666' 10591'	12 1/4" 8 3/4"		950 sk 1730 sk		-0-		
<u> </u>		/ 1/	10391	0 3/4		1750 SK	.5			
					······································					
24. SIZE	TOP	LI BOTTOM	NER RECORD	SCREEN	2:	5. <u>1</u> ZE	DEPTH SET			
						375	1013	2		
26 D-6		L				A CTUDE OF				
20. Perforation n	ecord (interval, size, a	nd number)		DEPTH IN		ACTURE, CE		TERIAL USED		
10,291 -	10,303 6 S	$\mathbf{PF}$					·····			
								· · · · · · · · · · · · · · · · · · ·		
28			PRO	DUCTI	ON					
Date First Production	on Pr	oduction Method (F	lowing, gas lift, pumpin			Well Status	(Prod. or Shut-	in)		
9-23-00		Flowing				Prod	ucing			
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Ga	s - MCF	Water - Bbl.	Gas - Oil Ratio		
10-5-00	24	19/64		66		3860	0	1:58,485		
Flow Tubing Press.	Casing Pressure	Calculated 24- Hour Rate	Oil - Bbl.	Gas - M	CF I	Water - Bbl.	Oil Grav	vity - API - (Corr.)		
2150			66	386	50 I	0		54.0		
	ias (Sold, used for fue.	l, vented, etc.)	100	1 500			Test Witnessed			
Sold 30. List Attachment	's									
31 .I hereby certif	y that the information	on shown on both	sides of this form as	true and con	plete to the	e best of my kno	wledge and b	pelief		
<i>C</i>	1 [1 .	<u>+</u>	Printed	-		-	_			
Signature	JA LIVU	slian	Name Carla (	Christia	in TitleR	legulator	y Techni	cian Date 10-27-00		

# **INSTRUCTIONS**

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or 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.

#### INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE Southeastern New Mexico Northwestern New Mexico

boutiou	Stern riew mexico	i torini ostorni i tovi i rickico							
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "B"						
T. Salt	T. Strawn 9165	T. Kirtland-Fruitland	T. Penn. "C"						
B. Salt	T. Atoka 9771	T. Pictured Cliffs							
T. Yates									
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison						
T. Queen		T. Point Lookout							
T. Grayburg	T. Montoya	T. Mancos							
T. San Andres									
T. Glorieta	T. McKee								
T. Paddock	T. Ellenburger	T. Dakota							
T. Blinebry			Т						
T.Tubb		T.Todilto	T						
T. Drinkard	T. Bone Springs								
T. Abo <u>reef 5595</u>	T.L. Atoka 9890	_ T. Wingate	T						
T. Wolfcamp 7005	T. Morrow Clastics		T						
T. Penn	T10,158	T. Permian	T						
T. Cisco (Bough C)	T. <u>L. Morrow 10,225</u>	_ T. Penn "A"	T						
	Chester 10,532		OIL OR GAS SANDS OR ZONES						

No. 1, fromtoto	No. 3, fromto
	No. 4, fromto

## **IMPORTANT WATER SANDS**

Includ	le data on rate of water inflow and ele	vation to which water rose in hole.	
No. 1,	from	to	.feet
		to	
	-		

No. 3	<u></u> .	fr	on	٦.						

.feet..... No. 3, from......feet.....

# LITHOLOGY RECORD (Attach additional sheet if necessary)

From	То	Thickness In Feet	Lithology	]	From	То	Thickness In Feet	Lithology
i								
				:				

Submit 3 Copies to Appropriate District Office DISTRICT I	State Energy, Minera	of New Mexic Is and Natural	ი Resources	Г	WELLA	5 <sup>°</sup>	For Revised Mar	m C-103 ch 25, 1999
625 n. French Dr., Hobbs, NM 88240 DISTRICT II 111 South First, Artesia, NM 88210 DISTRICT III 000 Rio Brazos Rd., Aztec, NM 87410 DISTRICT IV 2040 S. Pacheco, Santa Fe, NM 87505 SUNDRY NO (DO NOT USE THIS FORM F0	OTICES AND REPO	ORTS ON W	Resources	314 76	ST 6. State E-71	ate Type of ATE X Oil & Gas 116, E-94	FEE	
DIFFERENT RESERVOIR. USE 1. Type of Well: Oil Well Gas Well Gas Well	APPLICATION FOR PERM	11T" (FORM C-109)	FOR SUCH PROPOS	/			34 State (	Com
2. Name of Operator Louis Dreyfus Natural Ga	as Corp. 🖌			3	3. Well	No. 1Y	,	
3. Address of Operator 14000 Quail Springs Par	rkway - Suite 600 - Okla	homa City, OK	73134	5		name or Wi mpire; Pe		
4. Well Location	1700' feet from the		e and <u>1038'</u>	_feet fro		West	line.	
Section 34	Township	17S	Range 28E	NM	IPM	Eddy	Count	У
	10. Eleva	tion <i>(Show whether</i> 3673'	DR, RKB, RT, Gr, etc	:)				
11. C	heck Appropriate Box	to Indicate N	ature of Notice,	Repor	t or Oth	ner Data		and the second
	INTENTION TO:			•		PORT C	)F:	
PERFORM REMEDIAL WORK	PLUG AND ABAN	DON 🗍 RE	MEDIAL WORK				NG CASING	
TEMPORARILY ABANDON	CHANGE PLANS		MMENCE DRILLING	OPNS.		PLUG A		
PULL OR ALTER CASING			SING TEST AND CEN	MENT JO	ов	ABANDO	ONMENT	
OTHER:		דס 🔲	HER: Set CIBP & p	perf new	zone.			X
<ol> <li>Describe proposed or complete propsed work). SEE RULE 11</li> <li>9/27/01 Set CIBP @ 10</li> <li>10/01/01 Field personse one at 10,100 w/35' of c</li> </ol>	103. For Multiple Completion 1,294 and perf'd new mc el requesting verbal app	s: Attach wellbore prrow perfs from proval to dump b	diagram of proposed c 10,172 - 10,184. pail 35' of cement o	completic	on or recor	npletion.	Ĵ	
I hereby certify that the information	above is true and complete to		owledge and belief. Regulatory Techni	ician			DATE	10/01/01
Type or print name Carla Chi	ristian				Telepho	one No.	405-749-5	5263
(This space for State use) APPROVED BY Conditions of approval, if any:	NSL For Cil	<b>)</b> TITLE	SUPERVISOR,	DISTR				<b>T @ 8</b> 2001
	NSL ter Cil	Well						