· · · · · · · · · · · · · · · · · · ·	U TED STAT	INTERI		natruct on me	Expires A 5. LEASE DESIGN NM-01446	reau No. 100- ugust 31, 198 ATION AND BER	TAL NO
(Do not use this form for proj Use "APPLI	OTICES AND RE	PORTS C	ON WELL ack to a differe coposals.)	S "'RECEIVED	6. IF INDIAN, AL		SICAN XI
OIL GAS X OTHER					N/A	ALAN IN	
WELL WELL OTHER 2. NAME OF OPERATOR			 	SEP 25 '89	8. FARM OR LEAS	E NAME	
The Petroleum Corpo	ration of Dela	ware 🗸		25 05	Superior	Federal	
3. ADDRESS OF OPERATOR				O, C. D.	9. WELL NO.		
3131 Turtle Creek B				ARTESIA, OFFICE	5		
i. LOCATION OF WELL (Report location See also space 17 below.) At surface	clearly and in accordan	nce with any	State requireme	ents.•	East Bur	ton Flat	.1
Unit letter K 1980	' FSL & 198 9 '	FWL				20S-R29E	
14. PERMIT NO.	GL 3292.	ow whether DF.	RT, GR, etc.)		12. COUNTY OR 1 Eddy	PARISH 13. ST. N	
16. Check	Appropriate Box To	Indicate N	lature of Not	ice, Report, or	Other Data		
NOTICE OF INT	• •		1		DENT REPORT OF:		
TEST WATER SHUT-OFF	PULL OR ALTER CASING	. [WATER	SHUT-OFF	PEDAI	RING WELL	
FRACTURE TREAT	MULTIPLE COMPLETE		1	E TREATMENT		ING CABING	_
SHOOT OR ACIDIZE	ABANDON*		8H00711	IG OR ACIDIZING	ABAND	ONMENT*	
REPAIR WELL	CHANGE PLANS		(Other)				X
(Other) 17. DESCRIBE PROPOSED OR COMPLETED O		<u> </u>			s of multiple compl pletion Report and I		
Drilled 17-1/2" hole to Cemented w/370 sx class installed 13-3/8" X 5M	350'. Ran 13	& 1/4"	g. Set l celoseal	3-3/8" K-55 per sx. WO	54.5# STC r C. Cut off	new csg @ 13-3/8" (350', csg &
					AREA SPROGRESSERS	7 11 00 A	RECEIVED
SIGNED OUT State of APPROVAL, IF	fice use)	SITLE Sr.	Producti	on Engineer	DATE	8/29/89	
	₹				6 -0		

Form 3160-5 (November 1983) (Formerly 9-331)	U TED STA PARTMENT OF TA BUREAU OF LAND M	HE INTERIOR	SUBMIT IN ThICAT (Other instructions on verse side)	E Budge Expire 5, LEASE D	et Bureau No. 1 BE August 31. ESIGNATION AND 44698	1985
SUNDRY (Do not use this form Use	NOTICES AND For proposals to drill or to drapplication for perm	REPORTS ON deepen or plug back IT—" for such propos	WELLS	6. IF INDIA	N, ALLOTTEE OR	TRIBE NAME
1.					BEMBET PAME	***********
MELL MELL X	OTHER		<u> </u>	N/A		
2. NAME OF OPERATOR	Corporation of De	laurawa /	SEP 25 '89		ior Federa	-1
3. ADDRESS OF OPERATOR	orporacion of De.	Laware /		9. Wall No		81
	ek Blvd., #400, 1	Dallas TX	75219 ARTESIA, OFFICE	5	•,	
4. LOCATION OF WELL (Report		dance with any Stat	e requirementa.*		ND POOL, OR WIL	LDCAT
See also space 17 below.) At surface				East	Burton Fla	at
•				11. SEC., T.	B., M., OR BLK. A	TND
Unit letter K	1980' FSL & 1989	' FWL			5-T20S-R2	9E
14. PERMIT NO.	15. ELEVATIONS	Show whether DF, RT,	GR, etc.)	12. COUNTY	OR PARISH 13.	STATE
	GL 329	2.'		Eddy	1	NM
16.	heck Appropriate Box	To Indicate Natu	es al Nation Parad a	· Other Date		
	• • •	io indicale 14dio				
MOTICE	OF INTENTION TO:		SUBS	EQUENT REPORT	DF:	
TEST WATER SHUT-OFF	PULL OR ALTER CAS	IING	WATER SHUT-OFF	<u> </u>	REPAIRING WELL	
FRACTURE TREAT	MULTIPLE COMPLET	E	PRACTURE TREATMENT		LLTERING CASING	'
BHOOT OR ACIDIZE	ABANDON*		SHOOTING OR ACIDIZING Dr11111		PANDONMENT.	-
REPAIR WELL	CHANGE PLANE		(Other) DITITION (NOTE: Report rest Completion or Reco	its of multiple	W go gotten	
17. DESCRIBE PROPOSED OR COMP proposed work. If well nent to this work.)* 4/26/89 Drilled f ST&C csg; set @ 32	la directionally drilled, give	. RU and ra	n 77 jts. 8-5/8",	tical depths for new 8R, 1	all markers and	32#/ft.
D-29, tailed in w/ 4/27/89 Ran 1-1/4 cmt. w/full return tbg; tag TOC at 63 with 80,000#. Cut	" tubing from sur s; no cement to s 3'; cemented agai	face to 1010 urface. TOH n with 537 s	ft. Cemented wi w/1-1/4" tbg; WC x "C"; circ 0.6 t	OC 2 hrs. obl cmt to	TIH w/1-1	/4"
					SEP 7 11 00 M '89 CARLSCHAFFERS	RECEIVED
SIGNED (This space for Federal or APPROVED BY CONDITIONS OF APPROV	State office use)	TITLE Sr. P	roduction Enginee			9
	*Se	ee Instructions on	Reverse Side CAF			

Form 3169-5 (November 1983) (Formerly 9-331)	. IITED DEPARTMENT OF BUREAU OF LAN			TE. Fynicae Augus	No. 1004-0135 t 31, 1985
SUND (Do not use this fo	RY NOTICES AN	D REPORTS C r to deepen or plug be ERMIT—" for such pr	ON WELLS ack to a different reservoir, opposals.) RECEIVED	S. IF INDIAN, ALLOTTE	
1.	75			7. UNIT AGREEMENT N	AME
WELL WELL 2. NAME OF OPERATUR	OTHER		Ora -	N/A 8. PARM OR LEAGE MA	war and a second
	m Corporation of	Delaware /	SEP 25 '89	Superior Fe	
3. ADDRESS OF OPERATOR				9. WBLL NO.	
	Creek Blvd., #400			5	
4. LOCATION OF WELL (Reg See also space 17 below	oort location clearly and in	accordance with any	State requirementablice	10. FIELD AND POOL,	
At surface	•		(East Burton	
Unit letter	K 1980' FSL & 1	98 0¹ ⊮WT.		11. SEC., T., R., M., OR SURVEY OR ARM	ble, and A
OHIL ICCCC	K 1700 IDD & I.	JOY TWE		Sec. 5-T208	-R29E
14. PERMIT NO.	15. ELEVATI	ons (Show whether Dr.	RT, GR, etc.)	12. COUNTY OR PARIS	H 18. STATE
	GL :	3292'		Eddy	NM ·
16.	Charle Aumoniata	Por To Indicate N	ature of Notice, Report,	or Other Date	
No	TICE OF INTENTION TO:	JOX TO INDICATE 14	• • •	SEEQUENT EMPORT OF:	
	<u></u>	(50	pasquant amrout op;	 -1
TEST WATER SHUT-OFF			WATER SHUT-OFF	REPAIRING	
FRACTURE TREAT	MULTIPLE COX	PI.ETE	PRACTURE TREATMENT	ALTERING	
SHOOT OR ACIDIZE REPAIR WELL	ABANDON®	.	SHOOTING OR ACIDIZING (Other)Drilling		$\frac{1}{x}$
(Other)	(112.40	"	(Note: Report re	suits of multiple completion completion Report and Log fo	
17. DESCRIBE PROPOSED OR C proposed work. If went to this work.)	OMPLETED OPERATIONS (Cleared) is directionally drilled,	arly state all pertinent give subsurface locat	details, and give pertinent dions and measured and true v	lates, including estimated de	te of starting any
5/31/89 Drilled #2 10250-10450 (failed. Ran ful	Strawn), #3 1112	0-11302 (Morr	STs as follows: # ow), #4 11320-1157	#1 9672-9837 (Woli 70 (Morrow) - pack	fcamp), ker
234 jts 5-1/2" 1 cemented as foll 6% D-20 + 1% D-1	7# N-80 LTC; 17 ows: Pumped 30 12 + 1% D-13 (YL	jts 5-1/2" 20 bbls of 11.5# D 1.93 wt. 12	t collar; 37 jts 5 # N-80 LTC. Total /gal spacer ahead .7#). Tailed in v ng shoe at 11570'.	1 11,570'. RU Dow of 100 sx 35/65 P with 595 sx H + 1.	well and POZ/H
				CARLS AREA	20
					RECEIVED
				n e	<u> </u>
					IVE
					3
				m 20 20 0 50 m	É
				σm ·	معا
18. I herehy certify that th	e foregoing is true and co	rrect			
SIGNED DAL	ut tomae	TITLE Sr.	Production Engine	er DATE 8/29	9/89
(This space for Federal	A divis som may				
(- 2.0 space for redeign	orbitate onice use)		AQ		*
APPROVED BY CONDITIONS OF APP	ROVAL IN ANY.	TITLE		DATE	
STOREST OF ALE				38271114	
				•	
•		*See Instructions	on Reverse Side	505 848843, 2004, 404	

·	•		Form approved.
Form 3160-5 (November 1983)	LTED STATES	SUBMIT IN Th. LICATE*	Budget Bureau No. 1004-0135 Expires August 31, 1985
(Formerly 9-331) DEPARTN	MENT OF THE INTERIOR	A sease side)	5. LEASE DESIGNATION AND SERIAL NO
	U OF LAND MANAGEMENT		NM-0144698 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
	ICES AND REPORTS ON tale to drill or to deepen or plug back ation for PERMIT—" for such propo	to a different reservoir.	
1,		RECEIVED	7. UNIT AGREEMENT NAME
OIL GAS WELL OTHER			N/A 8. FARM OR LEAGE NAME
The Petroleum Corpora	ation of Delaware	SEP 25 '89	Superior Federal
3. ADDRESS OF OPERATOR			9. WELL HO.
i. LOCATION OF WELL (Report location e	vd., #400, Dallas, TX	75216. C. D.	5 14. FIELD AND POOL, OR WILDCAT
See also space 17 below.) At surface		MARGINESIACTOFFICE	East Burton Flat
W 4. 1	TOT . 100At		11. SEC., T., B., M., OR BLK. AND SURVEY OR AREA
Unit letter K 1980'	FSL & 1989' FWL		Sec. 5-T20S-R29E
14, PERMIT NO.	15. ELEVATIONS (Show whether DF, RT,	, CR, etc.)	12. COUNTY OR PARISH 13. STATE
	GL 3292,1		Eddy NM
16. Check Ap	opropriate Box To Indicate Nati	ure of Notice, Report, or O	ther Data
. NOTICE OF INTEN	TION TO:	ausasqu	ENT EXPORT OF:
TEST WATER SHUT-OFF	PCILL OR ALTER CASING	WATER SHUT-OFF	REPAIRING WELL
	MULTIPLE COMPLETE	PRACTURE TREATMENT	ALTERING CASING
	ABANDON®	(Other) Completion	On X
(Other)		Completion or Recomple	of multiple completion on Well tion Report and Log form.)
 DESCRIBE PROPOSED OR COMPLETED OFE proposed work. If well is directionent to this work.) 	RATIONS (Clearly state all pertinent do enally drilled, give subsurface locations	etail», and give pertipent dates, is and measured and true vertical	including estimated date of starting any depths for all markers and zones perti-
6/12/89 - 6/21/89 Compl	etion		
TIH and set packer @ 11, with 2 SPF under a 1000			Morrow from 11,462'-70'
RU Western pump truck an + 1000 SCF H2 per bbl. to 2 BPM @ 6100#. Falli	Max TP = 7300# broke ba	ick to 3800# @ 1 bbl	/min. Increased rate
load water in 3 hrs.		-	SEI
			꼬셨 -
			7 EC
			RECEIVED 7 11 00 A RESERVED
			66 8 m
			12 E
		•	M 89
			0.71.
18. I bereby certify that the foregoing is	A	roduction Engineer	DATE 8/29/89
(This space for Federal or State office	·		DATE 0/29/09
	V	ACCIT	事件人的 机拉丁二烷
CONDITIONS OF APPROVAL, IF A	NY:	·	BATE
		:	CEP 1 1 Go

SOS CARAGOLI LA PORTA LO

Form 3160-5 (November 1983)		LTED STAT		SUBMIT IN TL. LICAT (Other instructions on verse slide)	5. LEASE DESIGNATION	No. 1004-0135 31, 1985
(Formerly 9-331)		U OF LAND MAN		RECE	NM-0144698	
SUNI (Do not use this	DRY NOT	ICES AND REI	PORTS ON	WELLS o a diffe for reservoir.		S OR TRIBE NAME
ı.				CANTCOUR	ANT, UNIT AGREEMENT NA	'XE
	OTHER			ARECEIVED	A PARM OR LEASE NAI	
2. NAME OF OPERATOR The Petroles	ım Corpora	ation of Delay	vare /	*** CT	Superior Fe	
3. ADDRESS OF OPERATOR				SEP 25 '89	9. WELL HO.	
		/d., #400, Dal		5219	5	
4. LOCATION OF WELL (R See also space 17 belo	port location c	learly and in accordan	ce with any State		10. FIELD AND POOL, O	
At surface				ARTESIA, OFFICE	11. SBC, 7., B., M., OR	
Unit letter	K 1980'	FSL & 1986'	FWL		Sec. 5-T20S	
14. PERMIT NO.		15. ELEVATIONS (Sho	w whether DF, RT,	or, etc.)	12. COUNTY OR PARISE	13. STATE
		GL 3292'			Eddy	NM
16.	Check A	opropriate Box To	Indicate Natur	e of Notice, Report, o	r Other Data	
P	OTICE OF INTER	•	ı		SEQUENT REPORT OF:	
TEST WATER SHUT-OF		PULL OR ALTER CASING		WATER SHUT-OFF	REPAIRING Y	WELL.
FRACTURE TREAT		MULTIPLE COMPLETE		FRACTURE TREATMENT	ALTERING C	
SHOOT OR ACIDIZE		ABANDON*		SHOOTING OR ACIDIZING	ABANDONME	· ·
REPAIR WELL		CHANGE PLANS		(Other) Complet		X X
(Other)		(D. D. D	11		uits of multiple completion upletion Report and Log fo	
proposed work. If nent to this work.)	well in direction	mations (Clearly state enally drilled, give sul	surface locations	and measured and true ver	tes, including estimated da tical depths for all marker	e of starting any s and sones perti-
6/21/89 - 7/1/8	9 Comple	tion				
RIH to set 1.81 Pumped 3500 psi cement on plug	surface	pressure to s	packer @ 11 eat plug.	1,426' to plug of PU and RIH w/dum	ff Morrow perfs l mp bailer and dum	1,462'-70'. uped 7' of
11288-11296, 11	274-11282 l ball se	. RU Howco a alers (87 hol	nd acidize es). Treat	with 4000 gal 7-	1356-11360, 11326 -1/2% HC1 with 10 400 psig; flush w	000 scf N2
Flow tested wel set bridge plug	1 on 12/6 @ 11,250	4" choke @ ma'. Dump 1 sx	x rate 121 cmt on top	MCFD at 155 psi. o (new PBTD).	. RU wireline tr	uck and
10306-10310 wit	h 3 SPF (.20" holes).	RU Western	and Nowsco N2 t	perforate Straw truck to acidize SCF per barrel N2	Strawn
Rate stabliized	@ 842 MC	FD w/500# sep	unit - oper press in 3	n well on 3/4" ch 3-1/2 hrs; made 4	noke - 1" orifice 4 BLW + BC; est 2	plate O BCPD rate
SIGNED OUL	the foregoing is	4	Sr. I	Production Engine	er DATE 8/	29/89
(This space for Feder	al or State offi	ce use)		A.C.	. Militari Janes Cal	
APPROVED BYCONDITIONS OF AP	PROVAL, IF A		TITLE		DATE	
					·	
		*See l	Instructions on	Reverse Side CAE	535 1364 <i>0, - 1, 14 m</i> g _v	

C158

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States, any fides, it is fundable to determine the any matter within its purisdiction.

•	Form approved.
Form 3160-5	
(November 1983) (Formerly 9–331) DEPARTMENT OF THE IN	SUBMIT IN THE LICATE* (Other instructions on reverse side) MENT SUBMIT IN THE LICATE* (Other instructions on reverse side) Expires August 31, 1985 S. LEASE DESIGNATION AND SERIAL NO NM-0144698
BUREAU OF LAND MANAGE	MENT CE/1 NM-0144698
SUNDRY NOTICES AND REPOR	15 ON WOLLS
(Do not use this form for proposals to drill or to deepen or Use "APPLICATION FOR PERMIT" for	such proposal Ap
i.	AREA HELD N/A
WELL GAS TOTHER	" Medical Control N/A
2. NAME OF OPERATOR	BE OF WEIGHT 8. PARM OR LEAST NAME
The Petroleum Corporation of Delaware	
3. ADDRESS OF OPERATOR	9. WELL NO.
3131 Turtle Creek Blvd., #400, Dallas i. LOCATION OF WELL (Report location clearly and in accordance wi	
See also space 17 below.) At surface	East Burton Flat
At surface	
Unit letter K 1980' FSL & 1980' FWL	O. C. D. 11. SEC., T., R., M., OR BLE. AND BURNST OR BREAK ARTESIA, OFFICE CO. T. OR OR D. O.
0.10 10001 N 1900 100 L 1900 1WD	Sec. 5-T20S-R29E
14. PERMIT NO. 15. ELEVATIONS (Show who	ther DF, RT, GR, etc.) 12. COUNTY OR PARISH 13. STATE
GL 3292'	Eddy
18. Check Appropriate Box To India	ate Nature of Notice, Report, or Other Data
NOTICE OF INTENTION TO:	BUBBEQUENT REPORT OF:
TEST WATER BHUT-OFF PULL OR ALTER CASING	WATER SHUT-OFF REPAIRING WELL
FRACTURE TREAT MULTIPLE COMPLETE	FRACTURE TREATMENT ALTERING CASING
BHOOT OR ACIDIZE ABANDON®	SHOOTING OR ACIDIZING ABANDONMENT*
REPAIR WELL CHANGE PLANS	(Other) Completion X
(Other)	(Nors: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all p proposed work. If well is directionally drilled, give subsurfament to this work.) *	ertinent details, and give pertinent dates, including estimated date of starting any se locations and measured and true vertical depths for all markers and sones perti-
7/18/89 - 8/1/89 Completion	
l sx sand on top. RIH & set Lok-Set pkr perforate Canyon from 9677'-99' w/2 SPF and acidize Canyon w/3300 gals 15% HCl w ball sealers. Avg rate 3.2 Bbls/min. M SIP = 2350 psi. TP stabilized @ 20 psi off RBP. Latched on to RBP, released & RU wireline & RIH w/RBP and set @ 10,000 RU wireline and perforated Canyon from 9	' & dump 1 sx sand on top (5'). Set pkr @ 9575'. 818'-31' and 9665'-71' with 2 SPF using 1-11/16"
Min $P = 3900$ psi and Max $P = 5400$ psi.	RU Halliburton and acidize 8665'-71', 0% HCl using 120 balls. Avg rate = 4.6 Bbl/min. ISIP = 2300 psi; 5 min = 2200, 10 min = 2200, ed well dry recovering small quantity load wtr
	Sr. Production Engineer DATE 8/29/89
(This space for Federal of State office use)	
APPROVED BY	DATE
· · · · · · · · · · · · · · · · · · ·	

Form 3169-5 (November 1983) (Formerly 9-331) DEPA	(ITED STATES ARTMENT OF THE INTERIO	SUBMIT IN T LICATE* (Other instructions on re-	Form approved. Budget Bureau No. 1004-0135 Expires August 31, 1985 5. LEASE DESIGNATION AND BERIAL NO
SUNDRY I	UREAU OF LAND MANAGEMENT NOTICES AND REPORTS O	N WELLS	NM-0144698 6. IF INDIAN, ALLOTTEE OR THISE NAME
i.	proposals to drill or to deepen or plug ba PPLICATION FOR PERMIT—" for such pro-	RECEIVED	7. UNIT AGREEMENT NAME
WELL GAS WELL AND OT	H BR	NECTIVED	N/A 8. FARM OR LEASE NAME
	rporation of Delaware		Superior Federal
3. ADDRESS OF OPERATOR	n1-1 4/00 p-11- my	SEP 25 '89	9. WALL NO.
	k Blvd., #400, Dallas, TX ation clearly and in accordance with any S	75219 tate requirements.* C. D.	10. FIBLD AND POOL, OR WILDCAT
See also space 17 below.) At surface		ARTESIA. OFFICE	East Burton Flat
Unit letter K 1	980' FSL & 198 6' FWL		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 5-T20S-R29E
14. PERMIT NO.	18. SLEVATIONS (Show whether Dr. GL 3292.	RT, GR, etc.)	12. COUNTY OR PARISH 13. STATE Eddy NM
16. Che	ck Appropriate Box To Indicate No	ature of Notice, Report, or O	ther Data
NOTICE OF	F INTENTION TO:	ธบลลธดุข	ENT EMPORT OF:
TEST WATER SHUT-OFF	PCLL OR ALTER CASING	WATER SHUT-OFF	REPAIRING WELL
FRACTURE TREAT SHOOT OR ACIDIZE	MULTIPLE COMPLETE	FEACTURE TREATMENT SHOOTING OR ACIDIZING	ALTBRING CASING
REPAIR WELL	CHANGE PLANS	(Other) Completion	<u></u>
(Other)		(Note: Report results Completion or Recomple	of multiple completion on Well etion Report and Log form.)
	Ran completion tbg with s n well and closed sleeve.		
			RECEIVED SEP 7 00 AM '89 CARLSI N. NESOURCE AREA HEAD SULRITERS
SIGNED (This space for Federal or St. APPROVED BY CONDITIONS OF APPROVAI	ate office uses	Production Engineer	
	V		