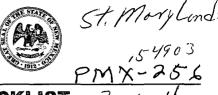
			fm×		
DATE IN 3-30-10 SUSPENSE	ENGINEER TW,	LOGGED IN 3-30-/0	TYPE WEX	APP NO. 100895 4049	7
					_
RECEIVEN	ABOVE T	THIS LINE FOR DIVISION USE ONLY SERVATION DI	VISION &	Ct Moryl	C1

2010 MAR 29 FM 1 23 1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

т	THIS CHECKLIST IS M			S AND REGULATIONS
, A 12			E DIVISION LEVEL IN SANTA FE	
Appu	[NSL-Non-Star [DHC-Down [PC-Po	idard Location] [NSP-Non-Standard Pr nhole Commingling] [CTB-Lease Com ol Commingling] [OLS - Off-Lease St [WFX-Waterflood Expansion] [PMX-P [SWD-Salt Water Disposal] [IPI-	nmingling] [PLC-Pool/Lease Con orage] [OLM-Off-Lease Measure ressure Maintenance Expansion] njection Pressure Increase]	edication] $36-0/5-337/9$ nmingling] ement] $5/3 \rightarrow 36-0/5-337/9$ 30-0/5-34/29
[1]	TYPE OF AP [A]		s Dedication	u(al
	Check [B]		t] PC [] OLS [] OLM	3918 4400
	[C]	Injection - Disposal - Pressure Increase X WFX PMX SWD	- Enhanced Oil Recovery IPI	
	[D]	Other: Specify		and 266 573
[2]	NOTIFICATI [A]			306, 000, 00
	[B]	X Offset Operators, Leaseholders or S	Surface Owner	a072
	[C]	X Application is One Which Require	s Published Legal Notice	2-900
	[D]	Notification and/or Concurrent Ap U.S. Bureau of Land Management - Commissioner of	oproval by BLM or SLO	849 PSE
	[E]	X For all of the above, Proof of Notif	ication or Publication is Attached, a	and/or,
	[F]	Waivers are Attached 3	118- 980PSZ 7 3918	3 1200/30
[3]			MATION REQUIRED TO PROC	CESS THE TYPE
	oval is <mark>accurate</mark> a	nd complete to the best of my knowledge	e. I also understand that no action	
		Statement must be completed by an individual		
Ann E	TYPE OF APPLICATION - Check Those Which Apply for [A] [A]			
Print c	or Type Name	Signature	Title	Date
			e-mail Address	in.wtor@gmail.com

STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

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

FORM C-108 Revised June 10, 2003

APPLICATION FOR AUTHORIZATION TO INJECT

I.	PURPOSE: X Secondary Recovery Pressure Maintenance Disposal Storage Application qualifies for administrative approval? X Yes No
II.	OPERATOR:St. Mary Land & Exploration Co
	ADDRESS:c/o P.O. Box 953, Midland, TX 79702
	CONTACT PARTY:Ann Ritchie, Regulatory Agent PHONE: _432/684-6381
III.	WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.
IV.	Is this an expansion of an existing project? X Yes If yes, give the Division order number authorizing the project: R-9822 : WFX-685
V.	Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
VI.	Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
VII.	Attach data on the proposed operation, including:
	 Proposed average and maximum daily rate and volume of fluids to be injected; Whether the system is open or closed; Proposed average and maximum injection pressure; Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and, If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
*VIII.	Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.
IX.	Describe the proposed stimulation program, if any.
*X.	Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).
*XI.	Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
XII.	Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.
XIII.	Applicants must complete the "Proof of Notice" section on the reverse side of this form.
XIV.	Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.
	NAME:Ann E. RitchieTITLE: _Regulatory Agent
	SIGNATURE: DATE:3/18/10
*	E-MAIL ADDRESS:ann.wtor@gmail.com

III. WELL DATA

- A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:
 - (1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.
 - (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
 - (3) A description of the tubing to be used including its size, lining material, and setting depth.
 - (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District Offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

- B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.
 - (1) The name of the injection formation and, if applicable, the field or pool name.
 - (2) The injection interval and whether it is perforated or open-hole.
 - (3) State if the well was drilled for injection or, if not, the original purpose of the well.
 - (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
 - (5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) The intended purpose of the injection well; with the exact location of single wells or the Section, Township, and Range location of multiple wells;
- (3) The formation name and depth with expected maximum injection rates and pressures; and,
- (4) A notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

									WELLBORE SCHEMATIC	WELL LOCATION:1000' FNL & 2452' FELFOOTAGE LOCATION	WELL NAME & NUMBER:Parkway Delaware Unit #206	OPERATOR:St. Mary Land & Exploration Co
4176		Cemented with: Top of Cement: Total Depth:	Hole Size:8	Top of Cement:	Cemented with: _	Hole Size:1	Top of Cement:	Hole Size:		B_UNIT LETTER		
feet	Injection Interval	470 sx. 340 Surface Surface 4600	8 3/4" 6 1/4"	Surface Method Production Casing	s91sx.	12 1/4"	Surface Metho Intermediate Casing	_17 ½"	WELL CONSTI	35 SECTION		
to4214'	<u>nterval</u>	or	Casing Size:7" (c	Method Determined: _Circulated Casing	or	Casing Size: 9 5/8	Method Determined: <u>Casing</u>	Casing Size:_13 3/8" @ 398'	WELL CONSTRUCTION DATA Surface Casing	19S TOWNSHIP		
Perf'd_		ft³ Circulated Circulated	7" @ 3214'. 4 ½" @ 4595'	_Circulated	f³	_9 5/8" @ 1505'	:Circulated	" @ 398' ft³		29E RANGE		

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: N/A
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) usedNoNo
3. Name of Field or Pool (if applicable): Parkway Delaware
2. Name of the Injection Formation:Delaware
If no, for what purpose was the well originally drilled? Producer
1. Is this a new well drilled for injection?YesX_No
Additional Data
Other Type of Tubing/Casing Seal (if applicable):
Packer Setting Depth:4150' +/-
Type of Packer:Baker AD-1 Tension
Tubing Size: 2 3/8" Lining Material: Plastic Coated

Form 3160-4 (September 2001)

UNINE DATA GES CONS. DIV-DIST. 2 DEPARTMENT OF THE INTERIOR BUREAU OF LANDMANA SEMENE NO AVENUE

WELL COMPLETION OR RECOMPHETION REPORTS HOP

FORM APPROVED OMB NO. 1004-0137 Expires: January 31, 2004

5. Lease Serial No.

													NM (51582				
la. Type of	Well 🔽) Oil We	ı 🗆 (Gas Well		Dry Othe	r Wate	r Injection W	cil				6.	lf Indi	an, Allotte	e or Tr	ibe Name	
b. Type of	Completion	n: [New New	Well [] Wo	rk Over 🔲	Deep	en 🔲 Plu	g Back		iff. R	esvt.						
			Other	_			~~~								_		Name and No	
2. Name of	Operator														Name and		NIT NM 8	874
St. Mary Lar	nd & Explor	ration		···									1	#206				
3. Address								3a. Phone		ciude ai	rea co	de)			Vell No.			_
580 Westlak							2. 1. 1	(281) 677-					30-01	5-341:	28 S I			
4. Location	of Well (Ke	eport loca	tion clea	rly and i	n accor	dance with F	ederal	requirements	y*				10.	Field	and Pool, o	т Expl	oratory	_
At surfa	ice 1000']	FNL, 245	r fel ui	L:B					REC!	EIVE	.D						NIT 49625	
At ton	prod. interv	el menorte	l helosy (CAL/E							_		111.	Sec., or A			lock and Sur	vey
At top	prog. micry	a reported	octom (SAME						8 200			12		SEC 35-		29E 13. State	
At total	depth SA	ME						U	ju-M	HTE	04)	EDD		y Or Farish	- 1	NM	
14. Date S	Spudded		15. Da	ate T.D.	Reached	d		16. Date C	omplete	d		<u>'</u>	_		tions (DF,			
								□ □	&A [Rea	dy to	Prod.						
10-31-05			11-14-0					<u> </u>		T				GL			<u></u>	_
18. Total I	•) 4600 D 4600			19. Plu	g Back T.D		4512 4512		20. 1	Depth	Bridge Pl	ug Set:		D VD			
21. Type Ei			nical Lo	gs Run (Submit	copy of each				22.	Was 1	well core	d? S	Z No		(Subi	mit analysis)	
										Ì	Was I	OST run?		2 No	=	-	nit report)	
*Sec #32											Direc	tional Sur	vey? [No	Yes	s (Subr	nit copy)	
23. Casing	and Liner	Record (F	Report all	strings s	et in we	II)	La		l M-	- £ 01	a 1					τ		
Hole Size	Size/Gra	de Wt.	(#/R.)	Top (M	(D)	Bottom (MI) Sta	ge Cementer Depth		of Sks. of Cem	ľ	Sluny ' (BBI		Cem	ent Top*	4	Amount Pulle	d
17 1/2	13 3/8/J-	55 4	18#	0	$\overline{}$	398'			+ "	**			- -			+-	Ld not circ	
12 1/4	9 5/8/H-		2.2#	0		1505	\dashv		1	•••			_			†	Circ	
8 3/4	7/1-55		23#	0		3214				****	ヿ			· · · · · · · · · · · · · · · · · · ·		\top	Circ	
6 1/4	4 1/2/J-5	55 1	0.5#	0		4595				****							Circ	
								· · · · · · · · · · · · · · · · · · ·					1					
						l				l					┸—	·		
24. Tubing Size		Sat O(D)	Dacker	Danib (M	Size	Tn.	-41 O-4 (1-47)	I n t	- D4b	0 (D)			15	1.0.00	. 15.	1 D 4 0	
2 3/8		Set (MD) 148'	PACAGI	3708'	MLDJ	Size	- 120	pth Set (MD)	Packet	Depth	(MD)	Siz	:e	Dep	th Set (MD) Pa	cker Depth ()	ND)
25. Produc			<u> </u>	3706			26	. Perforation	Recor	d		<u> </u>		Щ_				
	Formation			TOP		Bottom	1	Perforated			1	Size	No. H	oles	Γ	Perf.	Status	
A) Delawa	ro "C"							4190-	1214			.4	49	,		0	pen	
B)								4176-	1184			.4	9					
<u>C)</u>											<u> </u>							
D)															1			
	Fracture, Tr Depth Interv		ement S	queeze,	EIC.				Amount	and Tw	e of l	Asterial						
4176-4214			3200	gals 15%	HCl: 10	O bbls of flush	2% HCI		MIOUIT	and 17	× 01 1	/Later late					· · · · · · · · · · · · · · · · · · ·	
																		
			**	pumped w	v/250 sx	Lead °C* 13.5	ppg, Tail	150 sx "C" 14.	Вррв									
				topped w/	390 sx °(C" thru 1" in 5	stages ci	re 8 sx to sur										
	ction - Inter		17	Lou			337-4	100.0		10								
Date First Produced	Test Date	Hours Tested	Test Production	on BBI	L	Gas MCF	Water BBL	Oil Gr Corr.		Ga Gn	s avity	Pro	luction	vietnod AC	CEPTF	D F	OR REC	ORD
12-12-05	12-20-0	24	\Box		42	0	20	0				pur	np					7
Choke Size	Tbg. Press. Flgw.	Cag. Press	24 Hr. Rute	Oil BB1		Gas MCF	Water BBL	Gas: O Ratio	11	We	ll Statu							T
	si		Ιп				225			Pn	oducii	10		į	JAN	12	2 2006	
28a. Produ	ction - Inte	rval B					L					-D						+
Date First Produced	Test Date	Hours Tested	Test Producti	Oil ion BBI		Gas MCF	Water BBL	Oil Gr Corr.		Ga	avity	Рто	duction	lethod	ALEXIS	CS	WOBGDA	<u>*</u>
. coancu		1.0000		1 55	_	incr	DUL	Corr. 7	rt. I	101	avity		Ĺ		PETROL	EUM	ENGINEE	R
Choke	Tbg. Press.	Call	24 Hr.	Oil		Gas	Water	Gas: O	il	W	ell Stat	L us						
Size	Flwg. SI	Press	Rate	BBI	L.	MCF	BBL	Ratio		1								
Can insta		<u>L</u>				41	L											

288. Produc	tion - Inter											
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method			
Choke Size	Tbg Press Flwg. SI	Cag. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status				
28c. Produc	tion - Inter	val D										
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method			
Choke Size	The Press Flwg. Si	Cag. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status				
29. Disposi	tion of Gas	(Sold use	i for fuel, v	ented, etc.)								
tests, i	all import	ant zones c	f porosity :	and content			s and all drill-stem ad shut-in pressures	31. Formatio	on (Log) Markers			
Form	ation	Тор	Bottom		Descri	ptions, Conter	nts, etc.		Name	Top Meas. Depth		
T/Del	aware	3646	σπ		"C" (Zone 4128' Oi	il Pay		B/Salt Queen T/Delaware	1160' (+2168') 2598' (+730') 3646' (-318')		
*Hi-Res I ***circ w ***cmt'd ****cmt Time wait 33. Circle 1 E	32. Additional remarks (include plugging procedure): *Hi-Res Laterolog Array Micro-CFL/GR; Three Detector Litho-Density Compensated Neutron/GR; Geology Composite Log FMI/GR ***circ w/280 sx Lead 11.9ppg, Tail 200sx "C" 14.8ppg, circ 111sx to pit ***cmrt'd 1st stage 115sx Lead 11.9ppg Tail 150sx 14.8ppg all "C"; cmrt'd 2nd stage 120sx Lead 11.8ppg Tail 75sx 14.8ppg all "C"; circ 10sx to surface ***cornt'd w/200sx Lead & 100sx Tail 13.6ppg all "C", circ 40sx to pits Time waiting on cement - 13 3/8" 11-1 to 11-3-05 54.5 hrs; 9 5/8" 11-6-05 12 hrs. 33. Circle enclosed attachments: 1 Electrical/Mechanical Logs (1 full set req'd.) 2 Geologic Report 3 DST Report 4 Directional Survey 5 Sundry Notice for plugging and cement verification 6 Core Analysis 7 Other:											
									able records (see attached instru	actions)*		
34. I her	eby certify	that the for	egoing and	attached inf	ormation is	complete and	correct as determine	d from all avail	able records (see attached instru	uctions)*		
Nam	e (please p	rint) Marcie	St. Germain				Title Production	on Tech				
Sign	ature	Narcie	S+(Sem	<u>an</u>		Date 12-28-05	<u> </u>				

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212 make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

WELL NAME & NUMBER:Parkway Delaware Unit #306 WELL LOCATION: 2090' FNL & 2430' FEL	6 G	35	198	29E
FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE
WELLBORE SCHEMATIC		WELL CONSTR Surface Casing	WELL CONSTRUCTION DATA Surface Casing	1
	Hole Size:17	17 1/2"	Casing Size:_13 3/8" @ 390"	, @ 390,
	Cemented with:	370sx.	or	ft ³
	Top of Cement:	Surface	Method Determined: _Circulated	Circulated
		Intermediate Casing	Casing	
	Hole Size:	12 1/4"	Casing Size:8 5/8"	8 5/8" @ 3285°
	Cemented with:	1750sx.	or	ft ³
	Top of Cement:	Surface	Method Determined: _Circulated	_Circulated
		Production Casing	Casing	
	Hole Size:7 7	7 7/8"	Casing Size:5 ½" @ 4620"	@ 4620'_
	Cemented with:	600sx.	or	ft ³
	Top of Cement:	800'	Method Determined:	Calculated_
	Total Depth:46	4620		
		Injection Interval	nterval	
	4197	feet	to4228'	Perf'd
		(Perforated or Open Hole; indicate which)	e; indicate which)	

INJECTION WELL DATA SHEET

Tul	Tubing Size: 2 3/8" Lining Material: Plastic Coated
Ty _]	Type of Packer:Baker AD-1 Tension
Pac	Packer Setting Depth:4150' +/
Otl	Other Type of Tubing/Casing Seal (if applicable):
	Additional Data
·: -	Is this a new well drilled for injection? YesXNo
	If no, for what purpose was the well originally drilled? Producer
2.	Name of the Injection Formation: Delaware
$\dot{\omega}$	Name of Field or Pool (if applicable):Parkway Delaware
4.	Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) usedNoNo
;s	Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:N/A

Form 3160 4 (September 2001)

UNITED STATES M. OIL CONS. DIV-DIST. 2. DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGE 1901 W. Grand Avenue

FORM APPROVED OMB NO. 1004-0137 Expires: January 31, 2004

	4000					COMPLE		MILL	J1 (2)	4141		NM	6710	2		
la. Type of	Well [Oil '		Gas We		Dry Oth						6.	If In	dian,	Allotte	e or Tribe Name
b. Type of	Completic	n:	☑ N	ew Well	O v	Vork Over	Deep	en 🔲 Ple	ig Back	Diff.	Resvr.	<u> </u>				
			Other									1			_	ement Name and
2. Name of	Operator															Well No.
St. Mary Lar	nd & Explo	oration											#306		ine and	Well Ivo.
3. Address								ſ	•	clude area c	ode)		API		No.	
580 Westlak								(281) 677-		25051	4 PP- P	30-0	15-33	711	51	
4. Location	of Well (R	leport lo	cation c	learly and	in acc	ordance with	r eaerai	requirement:	y* †	RECEIV	/EU	10.	Field	d and	Pool, o	r Exploratory
At surfa	sce 2090	FNL 24	30 FEL 1	JL:G						MAR 29	2005					ARE UNIT
Ał‰p p	orod. interv	al repor	ted belov	w SAME						D-WD			or A	Area	SEC 36-1	on Block and Si
At total	depth SA	ME	4					,				EDE	Cou	nty or	Parish	13. State NM
14. Date S	Spudded			Date T.D.	Reach	ed		16. Date C		d ☑ Ready to	Prod.	1		ation	ıs (DF, I	RKB, RT, GL)*
11-17-04	N	D 4620		I-04	10.0	D1- T. C				20 5 1	D. A. DI		GR			
18. Total I		/D /D			19. P.	lug Back T.D	TVD	333.		20. Dept	h Bridge Plu	ig Set:		MD TVD		
21. Type Ele	ectric & O	ther Med	chanical	Logs Run	(Subm	it copy of eacl	1)			l	well cored		2 N	<u> </u>	=	(Submit analysis
Three Detec	tor-Litho-T	Dengity.	Hi-Res I	aterolog A	Arrav					1	ctional Surv	_	Д и Д и	o L		(Submit report) (Submit copy)
23. Casing						rell)						-7.				(Contract Copy)
Hole Size	Size/Gra	ide W	t. (#/ft.)	Top (?	MD)	Bottom (MI	O) Stap	ge Cementer Depth		of Sks. & of Cement	Slurry V (BBL)		Cen	nent î	Гор*	Amount Pull
5 30"	13 3/8'		48	٥		390		390 -	3	170 sx						
12 1/4"	8 5/8"	446	32	0		3285		32047	1	750 sx		_				
7 7/8"	5 1/2"		15 1/2	10		4620		4620	6	000 sx					:	
	 	-			-	 	-									
					·		-									
24. Tubing	Record			1					1							
Size		Set (MD) Pack	er Depth ((MD)	Size	Dep	th Set (MD)	Packer	Depth (MD)	Size		Dep	oth Se	t (MD)	Packer Depth (
25. Produci	ng Interval	ls					26.	Perforation	Record				<u></u>			<u></u>
	Formation			TOP		Bottom	<u> </u>	Perforated			Size	No. He	oles	Τ		Perf. Status
A) Delaware	: "C"			4122		4248		4197-4	211		.4	15				Open
B) Delaware	"C"			4122		4248		4216-4	228		.4	13				Open
C)					\dashv		-							_		
D)	. T						Щ.,							<u> </u>		
27. Acid, Fi	epth Interv		Cement	Squeeze,	Etc.				mount or	nd Type of N	Asterial					
4197-4228			30	00 gals 15%	HCI				mount a	id type of t	raterial					
		· · · · · · · · · · · · · · · · · · ·														
28. Product			Test	100		I Goa	Water	100.0	··	Ic.	T					
	Test Date	Hours Tested	Produc	tion Oil BBI			water BBL	Oil Grav Corr. Al		Gas Gravity	Produc	tion M	ethod			
		24			3	8	42				Pump	$\int f$	ICC	EΡ	TED	FOR RECO
Produced 1-6-05	1-26-05		24 Hr.	Oil 8BI			Water BBL	Gas: Oil Ratio		Well Statu			Γ			
Produced 1-6-05 Choke Size	1-26-05 Tbg. Press. Flgw. SI	Csg. Press	Rate	1				1		lan a a		- 1	ſ			
Produced 1-6-05 Choke Size	lbg. Press. Flgw. Sl	Press	Kate							PRODUC	CING	+	\dashv	k/	Δ R 2) 5 7005
Produced 1-6-05 Choke Size 28a. Product Date First	lbg. Press. Flgw. Sl	Press val B Hours	Test	Oil			Water	Oil Grav	ity	PRODUC		tion Me	thod	M	ÁŘ 2	
Produced 1-6-05 Choke Size 28a. Product Date First	Fbg. Press. Flgw. SI tion - Inter	Press val B		Oil			Water BBL	Oil Grav Corr. AP				tion Me	L	ALE	XIS C.	SWOBODA
Produced 1-6-05 Choke Size 28a. Produced Date First Produced Choke	Figw. Figw. Si tion - Inter	Press val B Hours	Test	Oil		MCF				Gas	Produc	tior Me	L	ALE	XIS C.	acs

28b. Produc	tion - Inter	val C								
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg Press Flwg. Sl	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status		
28c. Produc	tion - Inter	val D								
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Thg Press Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas; Oil Ratio	Well Status		
29. Disposi	tion of Gas	(Sold use	d for fuel, v	ented, etc.)						
	ry of Poro	is Zones (1	include Aqu	ifers):		····		21 Formatio	on (Log) Markers	
Show tests, i	all importa	ant zones o	of porosity a	and content	ts thereof: C time tool op	Cored interva en, flowing	ds and all drill-stem and shut-in pressures	31. Politiatio	iii (Log) Marcis	
Forma	ition	Top	Bottom		Descri	iptions, Cont	ents, etc.		Name	Top Meas. Depth
Dela	ware	3661								
Delawa		3897	3985			Not Tested	i	1		
Delawa	i	3985	4122			Not Tested	1			
Delawa		4122	4248	j		Oil		1		
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32. Additio	onal remarl	cs (include	plugging pr	ocedure):						
33. Circle	analosad at	to a home a to								
				. 113	2 0		2 0000	. 45		
_			gs (1 full se			leologic Repo Core Analysis		port 4 Di	rectional Survey	
J 3u	idiy Notice	tor pruggii	ng and ceme	in verrical	ion o c	OIC Allelysis	/ Ouler			· · · · · · · · · · · · · · · · · · ·
34. I hereb	y certify th	at the fore	going and a	ttached info	rmation is c	omplete and	correct as determined	from all availal	ble records (see attached instru	ctions)*
Name	(please pri	nt) Marcie S	St. Germain				Title Production	Tech		
		* *************************************		<u> </u>						
Signat	иге	orcie	54.6	Sermo	un	 	Date 3-22-04			
Title 18 U.	S.C. Section	on 1001 an	d Title 43 L	J.S.C. Secti	on 1212 ma	ke it a crime	for any person know	ingly and willfi	ally to make to any departmen	t or agency of the United

States any false fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

									WELLBORE SCHEMATIC	WELL LOCATION:1700' FSL & 2630' FELFOOTAGE LOCATION	WELL NAME & NUMBER:Parkway Delaware Unit #513	OPERATOR: St. Mary Land & Exploration Co.
4148		Cemented with: Top of Cement: Total Depth:	Hole Size:	Top of Cement:	Cemented with:	Hole Size:	Top of Cement:	Hole Size:		UNIT LETTER		
feet	Injection Interval	150sx. 250 Surface 1900' 4600'	_8 1/2" 6 1/2"	Surface Methoduction Casing	480sx.	12 1/3"	Surface Metho	_17 ½"655sx.	WELL CONSTI	35 SECTION		
t to 4198'	<u>Interval</u>	or	Casing Size:7" (Method Determined: _Circulated 1 Casing	or	Casing Size:9 5/8" @ 1535'	Method Determined: te Casing	Casing Size:_13 3/8" @ 403'	WELL CONSTRUCTION DATA Surface Casing	19S TOWNSHIP		
Perf'd_		ft ³ :_Circulatedft	7" @ 3195' 4 ½" @ 4600'	l: _Circulated	ft ³	" @ 1535'	l:Circulated	3" @ 403' ft³	1,22,	29E RANGE		

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

5.	4. 3.	2.		Pack Othe	Tul Type
Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:N/A	Name of Field or Pool (if applicable): Parkway Delaware Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No		Additional Data Is this a new well drilled for injection? YesX_No If no, for what purpose was the well originally drilled? Producer	Packer Setting Depth:4103' Other Type of Tubing/Casing Seal (if applicable):	Tubing Size:2 3/8" Lining Material:Plastic Coated Type of Packer:Baker AD-1 Tension

UNITED STATES N.M. Oil Cons. DIV-Dist. 2
DEPARTMENT OF THE INTERPORT W. Grand Avenue
BUREAU OF LAND MANAGEMENT
STION OF RECOMPLETION PARTERIAL NAME 88210

FORM APPROVED OMB NO. 1004-0137 Expires: January 31, 2004

2 11 1 1 M 4 1 4

	WE	LL (COM	PLET	10N C	OR R	ECOMPL	ETION	REPORT	DAND	470)AG	O	0211	ì	. Lease 24160	Serial 1	No.		
la. Type o	f Well	<u> </u>	nii We		Gas W	eli [) Dry O	her				-		6	. If Indi	an, Allo	ttee	or Tribe Name	
	f Complet	_					Work Over		nen 🗍 Pli	ne Back	\Box	Diff. 1	Resvr.	Ì					
o. Type c	Complet	WII.		<u> </u>			WOIR OVE		pon <u></u>	-6				7	. Unit o	r CA Ag	green	nent Name and No.	
		.,		Other_										1	PARKWAY DELAWARE UNIT				
2. Name of	of Operator	•																Vell No.	
St. Mary L	and & Exp	loratio	n					· · · · · · · · · · · · · · · · · · ·						PDU	J #513				
3. Addre	88								3a. Phone	No. (in	clude d	area c	ode)			Vell No.			
580 Westla	ake Park Bl	vd Su	ite 600	Housto	n,Tx. 7	7079			(281) 677-	2772				-300	15-337	14 .81			
4. Locatio	n of Well (Repor	rt locat	ion cle	arly and	in acc	cordance with	r Federal	requirement:	s)*				10	. Field	and Pool	l. or	Exploratory	
44	£				_					Я	ECE	=1\/1	- n	- 1				RE UNIT 49625	
At sur	face 1700	FSL	2630 F	EL UL	.:					• • •		-1 A F		<u> </u>				on Block and Survey	
At ton	prod. inter	rval re	ported	below	SAME					J	IUN O	3 7	105	- '	or Ar	ea ero	···, ·	9S-R29E	
	,													12	County	or Paris	eh 32-11	13. State	
At 1ot	al depth S.	AME								MA		AT.	DIM	EDI	-	, 01 1 1141	011	NM	
				1.5					16. Date C	omolete	<u></u>		·	_		: (D	E D		
14. Date	Spudded			15. D	ate T.D.	. Keacı	1ed		D D			adv to	Prod.	''	. Elevai	HORE (D	r, K	KB, RT, GL)*	
3-29-05				4-12-	05									331	3' GL				
	Depth: M	D 4	718	1-14-	- -	19 P	lug Back T.	D.: MD	4673'		20	Denth	Bridge F)			
ro. rotar		VD				*^*	10g Davk 1.	TVD			-	Dop	. Diiugu i	.u _b 04.	TV				
21. Type F	lectric & C	Other 1	Mechai	nical L	gs Run	(Subm	it copy of eac	ch)			22.	Was	well core	d?	V No	D Y	es (Submit analysis)	
						•		-			1		DST run?		√ No	_		Submit report)	
Azimuthal	Laterolog.	Litho	-Densi	ty Com	p Neutr	on Log						Direc	tional Su	rvey?	√ No	Q Y	es (S	Submit copy)	
	and Line			<u> </u>	<u> </u>														
77-1- C'	0:/0-		\$\$74 C		T ()		D-41 04	Sta	ge Cementer		of Sks.		Slurry	Vol.	Ceme	nt Tope		Amount Pulled	
Hole Size	Size/Gr	age	Wt. (#	#/RL.)	Top (1	MD)	Bottom (M	ן (עו	Depth	Depth Type of Cement (BBL)			L)	- Comoni Top					
17 1/2"	13 3/8	3"	42	2	0		403'				•					0			
12 1/4"	9 5/8		30	5	0		1535'				**					0	\neg		
8 1/2*	7*		23		0		31951			150	0 sx *C*					0			
61/2*	4 1/2	.	10 1		0		4600'			250	0 sx *C*						_		
7.717		_					 			 									
	 			_			 	_ _		 						·	_		
24. Tubing	Record						.L							<u>\</u>					
Size	Depth	Set (MD	Dacker	Depth (MOVE	Size	Don	th Set (MD)	Packer	Denth	(MD)	Siz		Death	Set (M	<u> </u>	Packer Depth (MD)	
	Depin	Set (WID)	1 acker		(IVID)	Bize	- Likely	an ser (wis)	1 acker	Серы	(IVI D)	314	.6	Depu	i set (M	<u></u>	racker Depth (MD)	
2 3/8"	ing Interva	.1			4103'			126	. Perforation	Passad			<u> </u>					and the construction of the	
23. F1000c	Formatio				T on		D - 44 - · ·	20.			<u> </u>			37. 1	. 1				
4)		R			TOP		Bottom		Perforated 1				Size	No. H			P	erf. Status	
A) Delawa									4148-4				.4	8				Open	
B) Delawa							·		4159-4	166			.4	8				Open	
C) Delawai	e C			↓					4192-4	198			.4	13				Open	
D)				ــــــــــــــــــــــــــــــــــــــ															
	Fracture, T		ent, Ce	ment S	queeze,	Etc.													
1	Depth Inter	val		-					A	mount a	nd Typ	e of N	taterial						
41489-4198				2500	gals 15%	6 HCl													
				° 450	sx Class	C, 205	ex circ to surfec	æ											
				<u> •• 21</u>	30 50/50	+ 200 C	lass C		· · · · · · · · · · · · · · · · · · ·										
	ction - Inte																		
Date First Produced	Test Date	Hour Teste		est roductio	n Oil BBL		Gas MCF	Water BBL	Oil Grav Corr. Af		Ga	vity	Proc	uction A	lethod				
		1	- 1		1		1	300			""	,	Pun	•	AC	CEP1	TEC	FOR RECOR	
Choke	5-20-05 Tbg. Press.	Csg.		4 Hr.	Oil	30	Gas	Water	Gas: Oil	···	Wel	Status		·P	+	T			
Size	Figw.	Press		late	BBL		MCF	BBL	Ratio		""							1	
	Si	1			l						PRO	DDUC	ING			1 11	IM	- 1 2005	
28a. Produ	ction - Inte	rval B	:						A''						1	1	- -	+ 2003	
Date First	Test	Hour		est	Oil		Gas	Water	On Grav		Gas		Prod	uction M	ethod			000	
Produced	Date	Teste	a 1	Productio	n BBI		MCF	BBL	Corr. AP	'I	Gra	vity	- 1			ALEX	(IS	C. SWOBODA	
Chah	The D	C-11		حليلي	- 		I	111	33		-	1.6-			1	PETRO	DLE.	UM ENGINEER	
Choke Size	Tbg. Pross. Flwg. Si	Call Press		4 Hr. Rate	Oil BBL		Gas MCF	Water BBL	.des: Oil Kalio		Wel	l Statu	3						
,	SI	l		П	- [1								

(See instructions and spaces for additional data on next page)

d and	an - Inter	rval C											
	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method				
Choke Size	Tog Press Flwg. Si	Cag. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	Well Status				
28c. Produ	ction - Inter	val D		L	<u> </u>	<u> </u>	.1	<u> </u>	······································				
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity					
Choke Size	The Press Flwg. Sl	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status					
29. Disposi	tion of Gas	(Sold use	d for fuel, v	ented, etc.)	. <u></u>	· L			· · · · · · · · · · · · · · · · · · ·				
	ry of Porou	ıs Zones (I	nclude Aqu	ifers):				31. Formation	on (Log) Markers				
Show tests, i	all imports	ant zones o	of porosity a	nd content	s thereof: Co time tool ope	ored interval en, flowing a	s and all drill-stem nd shut-in pressures	1					
Forma	tion	Тор	Bottom		Descri	ptions, Conter	nts, etc.		Name	Top Meas. Depth			
Dela	ware	3725							Delaware	3724			
Delawa	re "A"	3917	4004			Not Tested							
Delawa	re "B"	4004	4147 Not Tested "										
Delawa	re "C"	4147	4296			Oil			•				
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32. Additio	onal remark	s (include	plugging pro	cedure):			*			,			
				÷									
					٠								
33. Circle e	anclosed att	achments:											
① Elec	trical/Mecl	hanical Log	gs (1 full set	req'd.)	2 _{Ge}	ologic Repor	t . 3 DST Re	port 4 Di	irectional Survey				
5 Sun	dry Notice i	for pluggin	g and cemen	t verificatio	n 6 Co	re Analysis	7 Other: _						
34. I hereb	y certify the	at the foreg	oing and att	ached infor	mation is co	mplete and co	orrect as determined	from all availa	ble records (see attached in	nstructions)*			
Name (please prin	1) Marcie Si	t. Germain				Title Production	n Tech		, , , , , , , , , , , , , , , , , , ,			
Signatu	M) (C)	S1 C	crm.			Date 5-23-04						
		عالمندد											
Title 18 U.S	S.C. Section	n 1001 and	Title 43 U.	S.C. Sectio	n 1212 mak	e it a crime fo	or any person know	ingly and willfi	ully to make to any depart	tment or agency of the United			

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States any false fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



WELLBORE DIAGRAM **PARKWAY DELAWARE UNIT #206**

I FASE POLL

LOCATION: 1000' FNL & 2452' FEL

WELLBORE

FIELD: PARKWAY **CURRENT STAT. CASED** **WELL NO. 206**

SEC: 35 T: 19S R: 29E GL: 3316' CT/ST: EDDY.NM

13 3/8" 48# J-55 @ 398'

TOPPED W/ 390 SX "C"

THRU 1" IN 5 STAGES

Stage collar @ 1460'

External csg pkr@1496

CIRC 8 SX TO SURFACE

DID NOT CIRC

9 5/8" 32.2# H-40 @ 1505' CIRC. W/ 280 SX LEAD 11.9PPG

CIRC 111 SKS TO PIT

TAIL 200 SX "C" 14.8PPG

CMT W/ 250 SX LEAD"C"13.5p TAIL 150 SX "C" 14.8PPG

KB: 3328' DF: 3327' API#: 30-015-34128

SPUD: 10/31/05 COMP: 11/15/2005

INITIAL FORM: DELAWARE "C"

WELL HISTORY

12/5/05 Run CBL, Perf 4190-4214' 2SPF

Perf 4176-4184 1SPF

12/6/05 Acidize w/3200g 15% HCI & Balls, poor ball action

12/8/05 FRAC WITH 596 BBLS CLEAR FRAC 46950 # 16/30 Brady 19.6 BPM @ 3986 psi

12/9/05 Frac Log, treated 4164-4300'

2/7/06 Perf 4120-4124, 4128-4136, 4142-4160 1SPF

2/8/06 Acidize w/3000g 15% HCI

2/21/06 FRAC WITH 570 BBLS CLEAR FRAC 36,320 # 16/30 BRADY 14.7 BPM @ 3054 psi. No frac log run

2/22/06 Washed sand from 4100 to isolation packer, retrieved

9/1/06 Set RBP at 4170', cmt sqz perfs 4120-4160 w/250 sks

9/5/06 Tag cmt at 3910', DO to 4160'. Pull RBP

9/8/06 Tag cmt at 4176', DO to 4269', run to 4400'. Test 500psi

9/11/06 Perf 4210-4214' 5 holes

9/12/06 Set Pkr @ 4170' & acidize perfs w/3000g HCI-saw pressure on backside, perfs communicated

1/22/07 Went down 100' no fill encountered.

5/16/08 Located pin/collar leak @ 195'.

9/19/08 Rod part in 3/4" pin & changed out 1 bad rod

126 jts 2-3/8"J55 TAC at 4095' 4 jts 2-7/8"J55

TBG

7" 23# J-55 @ 3214'

CMT'D 1ST STAGE 115 SX LEAD 11.9PPG TAIL 150 SX 14.8PPG ALL "C" CMT'D 2ND STAGE 120 SX LEAD 11.8PPG TAIL 75 SX 14.8 ALL "C" CIRC 10 SX TO SURFACE

UPPER DELAWARE "C" PERFS

4120-24 1 SPF 5 HOLES ORANGE (LWR B)

4128-36 1 SPF 9 HOLES BLUE

Squeezed 9/1/06 w/250 sks

LOWER DELAWARE "C" PERFS

4176-4184 1 SPF 9 HOLES YELLOW

4142-4160 1 SPF 19 HOLES GREEN

4190-4214 2 SPF 49 HOLES ORANGE

4210-14 5 holes

PBD 4512 FC TD: 4600'

DATE:10/30/06 PREPARED BY:

EWS

4 1/2" 10.5# J-55 @ 4595'

CMT'D W/ 200 SX LEAD & 100 SX TAIL 13.6 PPG ALL CLASS C

CIRC 40 SX TO PITS

PROPOSED WELLBORE DIAGRAM PARKWAY DELAWARE UNIT #206

API #: 30-015-34128 LEASE: PDU WELL NO. 206 LOCATION: 1000' FNL & 2452' FEL SEC: 35 T: 19S R: 29E SPUD: 10/31/05 FIELD: PARKWAY GL: 3316' CT/ST: EDDY.NM COMP: 11/15/2005 INITIAL FORM:DELAWARE "C" **CURRENT STAT. CASED** KB: 3328' DF: 3327' CURRENT **WELL HISTORY** WELLBORE 12/5/05 Run CBL, Perf 4190-4214' 2SPF Perf 4176-4184 1SPF 13 3/8" 48# J-55 @ 398' 12/6/05 Acidize w/3200g 15% HCI & Balls, poor ball action 12/8/05 FRAC WITH 596 BBLS CLEAR FRAC 46950 # 16/30 CMT W/ 250 SX LEAD"C"13.5p TAIL 150 SX "C" 14.8PPG Brady 19.6 BPM @ 3986 psi DID NOT CIRC 12/9/05 Frac Log, treated 4164-4300' TOPPED W/ 390 SX "C" 2/7/06 Perf 4120-4124, 4128-4136, 4142-4160 1SPF THRU 1" IN 5 STAGES 2/8/06 Acidize w/3000g 15% HCI **CIRC 8 SX TO SURFACE** 2/21/06 FRAC WITH 570 BBLS CLEAR FRAC 36,320 # 16/30 Stage collar @ 1460' BRADY 14.7 BPM @ 3054 psi. No frac log run External csg pkr@1496 2/22/06 Washed sand from 4100 to isolation packer, retrieved 9/1/06 Set RBP at 4170', cmt sqz perfs 4120-4160 w/250 sks 9/5/06 Tag cmt at 3910', DO to 4160'. Pull RBP 9 5/8" 32.2# H-40 @ 1505' CIRC. W/ 280 SX LEAD 11.9PPG 9/8/06 Tag cmt at 4176', DO to 4269', run to 4400'. Test 500psi TAIL 200 SX "C" 14.8PPG 9/11/06 Perf 4210-4214' 5 holes CIRC 111 SKS TO PIT 9/12/06 Set Pkr @ 4170' & acidize perfs w/3000g HCI-saw TBG pressure on backside, perfs communicated 118 jts 2-3/8" 1/22/07 Went down 100' no fill encountered. J55 IPC (TK-70) 5/16/08 Located pin/collar leak @ 195'. 9/19/08 Rod part in 3/4" pin & changed out 1 bad rod 7" 23# J-55 @ 3214' CMT'D 1ST STAGE 115 SX LEAD 11.9PPG TAIL 150 SX 14.8PPG ALL "C" CMT'D 2ND STAGE 120 SX LEAD 11.8PPG TAIL 75 SX 14.8 ALL "C" CIRC 10 SX TO SURFACE 3954- 4214 4-1/2" X 2-3/8" NICKEL PLATED ARROWSET 1X PACKER @ 3850 3954, 3956, 3958, 3961, 3963 - 1 SPF 5 TOTAL HOLES 4028, 4030, 4041 - 1 SPF 3 TOTAL HOLES **UPPER DELAWARE "C" PERFS** 4120-24 1 SPF 5 HOLES ORANGE (LWR B) 4128-36 1 SPF 9 HOLES BLUE Squeezed 9/1/06 w/250 sks 4142-4160 1 SPF 19 HOLES GREEN LOWER DELAWARE "C" PERFS 4176-4184 1 SPF 9 HOLES YELLOW 4190-4214 2 SPF 49 HOLES ORANGE 4210-14 5 holes PBD 4512 FC TD: 4600' 4 1/2" 10.5# J-55 @ 4595"

CMT'D W/ 200 SX LEAD & 100 SX TAIL 13.6 PPG ALL CLASS C

CIRC 40 SX TO PITS

DATE:10/30/06 PREPARED BY: EWS

CURRENT EQUIPMENT DESCRIPTION:

RECOMMENDED PROCEDURE:

- 1) MIRU PU. ND WH NU BOP.
- 2) POOH w/rods & pump laying down. POH w/2-3/8" laying down production tbg.
- 3) PU 3-7/8" bit and DC's on 2-7/8" workstring to clean out to PBTD @ +/- 4500'. POH w/BHA laying down tbg.
- 4) RIH w/4-1/2" trtg pkr on prod tbg to 4100', set pkr . Acidize w/3500g 15% NEFE & 400 g Xylene. Flow/swab back load. Release pkr & POOH .
- 5) RU Wireline Company to perforate from 4041', 4030', 4028', 3963', 3961', 3958', 3956', 3954' (8 holes) w/3-1/8" .38 to .42" guns (at least 19g charges). RD Wireline company.
- 6) RIH w/4-1/2" RBP & pkr to 4100'. Set RBP and P/U 10'. Set pkr and test RBP to 2,000 psi. Release pkr and P/U to 3900'. Set pkr.
- 7) Frac down workstring as per attached procedure.
- 8) Release pkr, RIH to 4100'. Release RBP. POOH w/ RBP, pkr, and tubing.
- 5) RIH w/2-3/8" X 4-1/2" Arrowset 1X (Nickle Plated) Pkr w/2-3/8" OD pump out plug, 1.5" "F" profile nipple, 3-3/8" X 2-3/8" 8rd on/off skirt, and new 2-3/8" J-55 IPC (TK-70) tbg to 3850'. Hydrotest in hole to 6000#.
- 6) Load tbg and set pkr @ 3850'. Release on/off tool & circulate 4-1/2" x 2-3/8" annulus (0.0105 bbls/ft => 41 bbls) w/double inhibited packer fluid. Latch back into on/off tool.
- 7) ND BOP. NU injection wellhead. Test casing to 500# and chart for 30 min. Pressure up tbg and blow pump out plug.
- 8) Notify OCD and get MIT test.
- 9) Place well on injection.

WELLBORE DIAGRAM PARKWAY DELAWARE UNIT # 306

API#: 30-015-33711 LEASE: PDU **WELL NO. 306** LOCATION: 2090' FNL & 2430' FEL UL: G SEC: 35 SPUD: 11/17/04 T: 19S R: 29E FIELD: PARKWAY GL: 3313 CT/ST: EDDY,NM COMP: 1/06/05 STATUS: ACTIVE PRODUCER INITIAL FORM: DELAWARE "C" KB: 3325' **WELL HISTORY** CURRENT WELLBORE 12/13/05 Run CBL; Perf "C" 4197-4211 1 SPF 4216-4228 1SPF' 13 3/8" 48# H-40 Acidize w/3000g 15% @ 395' 12/17/05 Frac "C" w/21841g & 26938# CMT W/ 350 SX 16/30 BRADY sand 1-4ppg **CIRC 20 SKS TO SURFACE** avg 7.4 bpm @ 1572psi 1/05 Producing ~8 BOPD + 42 BWPD **INITIAL INTERVAL SEVERE CaSO4 scale** 3/1/2005 **PUMPED CONVERSION AND ACID JOB** 3/3/2005 PRODUCING 8 BOPD&116 BWPD 5/20/2005 PLUG BACK TO UPPER C. SET CIBP @ 4190' PERF UPR "C" 4125 - 38, 1 SPF 14 HOLES FRAC 25,550 # 16/30 BRADY@7.4 BPM 6/14/2005 PKR @ 3985'. PUMP 1500 GAL 15% HCL IN 4125-38 PERFS. **CAUGHT PSI W/ 24 BBLS PUMPED** DV TOOL AVG RATE=6.6 BPM, AVG PSI = 1700. ISIP = 340, 5 MIN = VAC ECP @ 1663' 6/19/2005 PRODUCING 11 BOPD&8 BWPD 7/8/2005 RE-FRAC 58000# 16/30 @14.1 BPM 7/11/2005 TAG SAND @ 4175'. RAN FRAC TRACER LOG: TREATED F/ 4104-71 (85% IN ZONE) 2 7/8" TBG 7/15/2005 STUCK PUMP. STRIP OUT. TAG FILL @ 4050. WASH DWN TO 4190 7/25/2005 STUCK PUMP. STRIP OUT. TAG FILL @ 3940. WASH DWN TO 4190 8 5/8" 32 & 24# J-55 8/1/2005 STRIP OUT. TAG FILL @ 3561. PUMP 200 BBLS 2% KCL. @ 3185' NO CIRC. WASH TO 4190. CIRC 100 BBLS AROUND. RE-FRAC - DETAILS???? 1st stage 500 SX 9/9/2005 2nd Stage 650 SX circ 2/13/2006 ROD PART. PULL 15 7/8 RODS, BODY BREAK. ROD PART 32ND 3/4 ROD OUT, BODY BREAK. 1" to Surf w/ 600SX 4/26/2006 From 635' in 2 stages DELAWARE PERFS SN@+/- 4095 UPPER "C" PERFS 4125-4138 1 SPF (14 HOLES) CIBP @4190 ∞ LOWER "C" Zone: 4197 - 4211 [15 HOLES] 4216 - 4228' [13 holes]

5 1/2" 15.5# J-55 @ 4627'

CMT'D W/ 600 SX, CIRC, TO SURFACE

PBTD: 4555' FC TD: 4627'

PREPARED BY:

DATE:7/2005

CMJ

PROPOSED WELLBORE DIAGRAM PARKWAY DELAWARE UNIT # 306

API#: 30-015-33711 LEASE: PDU **WELL NO. 306** LOCATION: 2090' FNL & 2430' FEL UL: G SEC: 35 T: 19S R: 29E SPUD: 11/17/04 FIELD: PARKWAY GL: 3313 CT/ST: EDDY,NM COMP: 1/06/05 STATUS: ACTIVE PRODUCER INITIAL FORM: DELAWARE "C" KB: 3325' **WELL HISTORY** CURRENT WELLBORE 12/13/05 Run CBL; Perf "C" 4197-4211 1 SPF 4216-4228 1SPF' 13 3/8" 48# H-40 Acidize w/3000g 15% Frac "C" w/21841g & 26938# @ 395' 12/17/05 CMT W/ 370 SX 16/30 BRADY sand 1-4ppg **CIRC 20 SKS TO SURFACE** avg 7.4 bpm @ 1572psi Producing ~8 BOPD + 42 BWPD 1/05 **INITIAL INTERVAL SEVERE CaSO4 scale** 3/1/2005 **PUMPED CONVERSION AND ACID JOB** 3/3/2005 PRODUCING 8 BOPD&116 BWPD 5/20/2005 PLUG BACK TO UPPER C. SET CIBP @ 4190' PERF UPR "C" 4125 - 38, 1 SPF 14 HOLES FRAC 25,550 # 16/30 BRADY@7.4 BPM 6/14/2005 PKR @ 3985'. PUMP 1500 GAL 15% HCL IN 4125-38 PERFS. **CAUGHT PSI W/ 24 BBLS PUMPED** DV AVG RATE=6.6 BPM, AVG PSI = 1700. ISIP = 340, 5 MIN = VAC ECP @ 1663' 6/19/2005 PRODUCING 11 BOPD&8 BWPD 7/8/2005 RE-FRAC 58000# 16/30 @14.1 BPM 7/11/2005 TAG SAND @ 4175'. RAN FRAC TRACER LOG: TREATED F/ 4104-71 (85% IN ZONE) 2 7/8" TBG 7/15/2005 STUCK PUMP. STRIP OUT. TAG FILL @ 4050. 8 5/8" 32 & 24# J-55 WASH DWN TO 4190 7/25/2005 STUCK PUMP. STRIP OUT. TAG FILL @ 3940. @ 3185' 1st stage 500 SX WASH DWN TO 4190 2nd Stage 650 SX circ 8/1/2005 STRIP OUT. TAG FILL @ 3561. PUMP 200 BBLS 2% KCL. 1" to Surf w/ 600SX NO CIRC. WASH TO 4190. CIRC 100 BBLS AROUND. From 635' in 2 stages 9/9/2005 RE-FRAC - DETAILS???? 2/13/2006 ROD PART, PULL 15 7/8 RODS, BODY BREAK. 4/26/2006 ROD PART 32ND 3/4 ROD OUT, BODY BREAK. 3924' - 4228' 5-1/2" X 2-3/8" NICKEL PLATED ARROWSET 1X PACKER @ 3820' **DELAWARE PERFS** 3924, 3939, 3946, 3960, 3976-3978 1 SPF (7 HOLES) 3992 - 3994, 4026 - 4028 1 SPF (6 HOLES) UPPER "C" PERFS 4125-4138 1 SPF (14 HOLES) CIBP @4190 ∞ LOWER "C" Zone: 4197-4211(15 HOLES)4216 - 4228' (13 holes)

5 1/2" 15.5# J-55 @ 4627'

CMT'D W/ 600 SX CIRC.

PREPARED BY: CMJ

DATE:7/2005

PBTD: 4555' FC TD: 4627'

CURRENT EQUIPMENT DESCRIPTION:

RECOMMENDED PROCEDURE:

- 1) MIRU PU. ND WH NU BOP.
- 2) POOH w/rods & pump laying down. POH w/2-7/8" laying down production tbg.
- 3) PU 4-3/4" bit and DC's on 2-7/8" workstring to clean out to PBTD @ +/- 4190'. POOH w/BHA. I
- 4) RIH w/5-1/2" trtg pkr on 2-7/8" workstring to 4100', set pkr . Acidize w/1500g 15% NEFE & 300 g Xylene. Flow/swab back load. Release pkr & POOH .
- 5) RU Wireline Company to perforate from 4026-4028, 3992-3994, 3976-3978, 3960, 3946, 3939, 3924 (13 holes) w/3-1/8" .38 to .42" guns (at least 19g charges). RD Wireline company.
- 6) RIH w/5-1/2" RBP & pkr to 4060'. Set RBP and P/U 10'. Set pkr and test RBP to 2,000 psi. Release pkr and P/U to 3870'. Set pkr.
- 7) Frac down workstring as per attached procedure.
- 8) Release pkr, RIH to 4060'. Release RBP. POOH w/ RBP, pkr, and tubing.
- 5) RIH w/2-3/8" X 5-1/2" Arrowset 1X (Nickel Plated) Pkr w/2-3/8" OD pump out plug, 1.5" "F" profile nipple, 3-3/8" X 2-7/8" 8rd on/off skirt, and new 2-7/8" J-55 IPC (TK-70) tbg to 3820'. Hydrotest in hole to 6000#.
- 6) Load tbg and set pkr @ 3820'. Release on/off tool & circulate 5-1/2" x 2-7/8" annulus (0.016bbls/ft => 62 bbls) w/double inhibited packer fluid. Latch back into on/off tool.
- 7) ND BOP. NU injection wellhead. Test casing to 500# and chart for 30 min. Pressure up tbg and blow pump out plug.
- 8) Notify OCD and get MIT test.
- 9) Place well on injection.

WELLBORE DIAGRAM PARKWAY DELAWARE UNIT #513

API#: 30-015-33714 LEASE: PDU **WELL NO. 513** UL: K SPUD: 3/29/05 LOCATION: 1700' FSL & 2630' FEL SEC: 35 T: 19S R: 29E FIELD: PARKWAY GL: 3313' CT/ST: EDDY,NM COMP: 5/2005 INITIAL FORM:DELAWARE "C" **CURRENT STAT. CASED** KB: 3327' DF: 3326' **WELL HISTORY** CURRENT WELLBORE 4/26/05 - Break down perfs w/2500g 15% HCL Dropping 1.3 sg balls. Balled out. 13 3/8" 42# J-55 @ 403' 4/29/05 - RU Schlumberger to frac. Frac down tbg PUMP 450 SX CIRC. 205 SX Frac w/total of 396 bbl fluid and 25,440# 16/30 Brady Sand. ISIP=665#, 5 min=584# 10 min=557#, 15 min=517# Ran tracers-Frac went mainly in middle perfs and bottom set. 8 swab runs, FL staying @ 700' FS. 6/30/05 5th 3/4" rod down, pin broke. 8/22/05 4 rods out, box parted. Install new box. 1/26/2006 4 rods out, box parted. Install new box. Checked all boxes, OK. No fill tagged. 9 5/8" 36# J-55 @ 1535' 3/24/2006 17 rods out, box parted. PUMP 480 SX CIRC. 72 SX 7/14/2006 25 rods out, box parted. Check all boxes, OK. 9/19/2006 L/D top jt of tbg due to HIT. Rest of tbg OK. 11/20/2006 Pull pump for repairs. Hydrotest 130 jts tbg to 5000#. **TOC ??** HIT in top jt. Replaced with IPC joint. 2 3/8" Delaware Top: 3725' Delaware "A": 3917' Delaware "B": 4004' Delaware "C": 4147' 7" 23# J-55 @ 3195' PUMP 265 SX CIRC. NO **DELAWARE "C" PERFS (29 holes)** 4148-4155 W/1 SPF (8 HOLES) 4159-4166' W/1 SPF (8 HOLES) 4192-4198' W/2 SPF (13 HOLES) PBTD: 4505' FC TD: 4600' 4 1/2" 11.6# J-55 @ 4600' CMT'D W/ 325 SX. CIRC 45 SX TO PIT DATE:8/7/08

PREPARED BY: BHH

PROPOSED WELLBORE DIAGRAM PARKWAY DELAWARE UNIT #513

API#: 30-015-33714 LEASE: PDU **WELL NO. 513** LOCATION: 1700' FSL & 2630' FEL UL: K SEC: 35 SPUD: 3/29/05 T: 19S R: 29E CT/ST: EDDY,NM COMP: 5/2005 FIELD: PARKWAY GL: 3313' KB: 3327' DF: 3326' INITIAL FORM:DELAWARE "C" **CURRENT STAT. CASED** CURRENT **WELL HISTORY** WELLBORE 4/26/05 - Break down perfs w/2500g 15% HCL Dropping 1.3 sg balls. Balled out. 13 3/8" 42# J-55 @ 403' 4/29/05 - RU Schlumberger to frac. Frac down tbg **PUMP 450 SX CIRC. 205 SX** Frac w/total of 396 bbl fluid and 25,440# 16/30 Brady Sand. ISIP=665#, 5 min=584# 10 min=557#, 15 min=517# Ran tracers-Frac went mainly in middle perfs and bottom set. 8 swab runs, FL staying @ 700' FS. 6/30/05 5th 3/4" rod down, pin broke. 8/22/05 4 rods out, box parted. Install new box. 1/26/2006 4 rods out, box parted. Install new box. Checked all boxes, OK. No fill tagged. 9 5/8" 36# J-55 @ 1535' 3/24/2006 17 rods out, box parted. PUMP 480 SX CIRC. 72 SX 7/14/2006 25 rods out, box parted. Check all boxes, OK. 9/19/2006 L/D top jt of tbg due to HIT. Rest of tbg OK. 11/20/2006 Pull pump for repairs. Hydrotest 130 jts tbg to 5000#. **TOC ??** HIT in top jt. Replaced with IPC joint. 2 3/8" Delaware Top: 3725' Delaware "A": 3917' Delaware "B": 4004" Delaware "C": 4147' 7" 23# J-55 @ 3195' PUMP 265 SX CIRC. NO 3945- 4198 **DELAWARE "C" PERFS (43 holes)** 3945 - 3948, 1 SPF (4 HOLES) 3957 - 3960, 1 SPF (4 HOLES) 3962 - 3967, 1 SPF (6 HOLES) 4148-4155 W/1 SPF (8 HOLES) 4159-4166' W/1 SPF (8 HOLES) 4192-4198' W/2 SPF (13 HOLES) PBTD: 4505' FC TD: 4600' 4 1/2" 11.6# J-55 @ 4600' CMT'D W/ 325 SX. CIRC 45 SX TO PIT DATE:8/7/08 PREPARED BY: BHH

CURRENT EQUIPMENT DESCRIPTION:

RECOMMENDED PROCEDURE:

- 1) MIRU PU. ND WH NU BOP.
- 2) POOH w/rods & pump laying down. POH w/2-3/8" laying down production tbg.
- 3) PU 3-7/8" bit and DC's on 2-7/8" workstring to clean out to PBTD @ +/- 4505'. POOH w/tbg and BHA.
- 4) RIH w/4-1/2" trtg pkr on 2-7/8" tbg to 4110', set pkr . Acidize w/2000g 15% NEFE & 400 g Xylene. Flow/swab back load. Release pkr & POOH .
- 5) RU Wireline Company to perforate from 3962-3967, 3957-3960, 3945-3948 (14 holes) w/3-1/8" .38 to .42" guns (at least 19g charges). RD Wireline company.
- 6) RIH w/4-1/2" RBP & pkr to 4000'. Set RBP and P/U 10'. Set pkr and test RBP to 2,000 psi. Release pkr and P/U to 3900'. Set pkr.
- 7) Frac down workstring as per attached procedure.
- 8) Release pkr, RIH to 4000'. Release RBP. POOH w/ RBP, pkr, and tubing.
- 5) RIH w/2-3/8" X 4-1/2" Arrowset 1X (Nickle Plated) Pkr w/2-3/8" OD pump out plug, 1.5" "F" profile nipple, 3-3/8" X 2-3/8" 8rd on/off skirt, and new 2-3/8" J-55 IPC (TK-70) tbg to 3850'. Hydrotest in hole to 6000#.
- 6) Load tbg and set pkr @ 3850'. Release on/off tool & circulate 4-1/2" x 2-3/8" annulus (0.0105 bbls/ft => 41 bbls) w/double inhibited packer fluid. Latch back into on/off tool.
- 7) ND BOP. NU injection wellhead. Test casing to 500# and chart for 30 min. Pressure up tbg and blow pump out plug.
- 8) Notify OCD and get MIT test.
- 9) Place well on injection.

Affidavit o	of Publication NO. 21054	
STATE OF NEW MEXIC	00	
County of Eddy:		
GARY D. SCOTT		being duly
sworn,says: That he is the	ne <u>PUBLISHER</u>	of The
Artesia Daily Press, a da	aily newspaper of general	
circulation, published in	English at Artesia, said county	
and county and state, ar	nd that the here to attached	
	Legal Notice	
was published in a regul	ar and entire issue of the said	
Artesia Daily Press,a dai	ily newspaper duly qualified	
for that purpose within th	ne meaning of Chapter 167 of	
the 1937 Session Laws	of the state of New Mexico for	
1 Consecutive	week/days on the same	
day as follows:	•	• • •
First Publication	March 10, 2010	-1 - 1 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
Second Publication		
Third Publication		
Fourth Publication		
Fifth Publication (3)	nSatt	
Subscribed and sworn to	before me this	
10 Day	March	2010
1417	BLIC-STATE OF NEW MEXICO	

Copy of Publication:

APPLICATION Co., c/o PO. Box 953, FWL of Sec. 35, T19S, R29E New Mexico Conservation FEL of Sec. 35, T19S, R29E Division Application for Authorization FEL of Sec. 35, T19S, R29E seeking approval for an amendment Well #513-1700' FSL & 2630' to add perforations to the existing water injection R-9822 and add additional injection wells in the Parkway Delaware Unit for the following wells/locations in Eddy County, NM: Well #204-990 FNL & 940 Well #707-1980 FSL & 430 FWL of Sec. 35, T19S, R29E Well #206-1000' FNL & 2452' FEL of Sec. 35, T19S, R29E Well #207-995' FNL & 1461' FEL of Sec. 35, T19S, R29E Well #302-2230' FNL & 760' FWL of Sec. 35, T19S, R29E Well #303-1420' FNL & 2500' FWL of Sec. 35, T19S, R29E

No 306

NOTICE OF INJECTION Well #304-1485' FNL & 1485' FEL of Sec. 35, T19S, R29E St. Mary Land & Exploration Well #505-1980 FSL & 760 Midland, TX 79702 will file the .Well #506-2635' FSL & 2640' Form C-108, Well #507-2628 FSL & 1485 to Inject, with the NMOCD, Well #509-1210' FSL & 1210' administrative FEL of Sec. 35, T19S, R29E FEL of Sec. 35, T19S, R29E Well #601-330' FNL & 1650' FEL of Sec. 2, T20S, R29E Well #703-2610' FSL & 430' FEL of Sec. 35, T19S, R29E Well #704-1450 FSL & 330 FEL of Sec. 35, T19S, R29E FEL of Sec. 35, T19S, R29E The proposed injection interval is from 3918'- 4406'. The proposed maximum surface pressure is 1200 psi, with maximum injection rate of 1500 bbls water per day per well. The injection water will be sourced from formation (at Delaware approximately 4000' produced water from the Parkway Delaware Unit. All interested parties opposing the application must file

objection with the New Mexico Oil Conservation Division: 1220 South St. Francis Drive, Santa Fe NM 87505 within 15 days of this notice. Additional information can be obtained by contacting Ann Ritchie, Regulatory Agent, St. Mary Land & Exploration Co., c/o P.O. Box 953, Midland, TX 79702, (432) 684-6381.

Published in the Artesia Daily Press, Artesia, NM March

10, 2010. legal No. 21054

Jo Morgan

Notary Public, Eddy County, New Mexico

21072

STATE OF NEW MEXICO	
County of Eddy:	

awara aayay That ba is the

GARY D. SCOTT

being duly

sworn, says: That he is the

PUBLISHER

of The

Artesia Daily Press, a daily newspaper of general circulation, published in English at Artesia, said county and county and state, and that the here to attached

Legal Notice

was published in a regular and entire issue of the said Artesia Daily Press,a daily newspaper duly qualified for that purpose within the meaning of Chapter 167 of the 1937 Session Laws of the state of New Mexico for

1 Consecutive week/days on the same

day as follows:

First Publication

March 21, 2010

Second Publication

Third Publication

Fourth Publication,

Fifth Publication

Subscribed and sworn to before me this

21 Day

March

2010



OPPICIAL SEAL
JO Morgan
NOTARY PUBLICAS

NOTARY PUBLIC-STATE OF NEW MEXICO

My commission expires:__

Jo Morgan

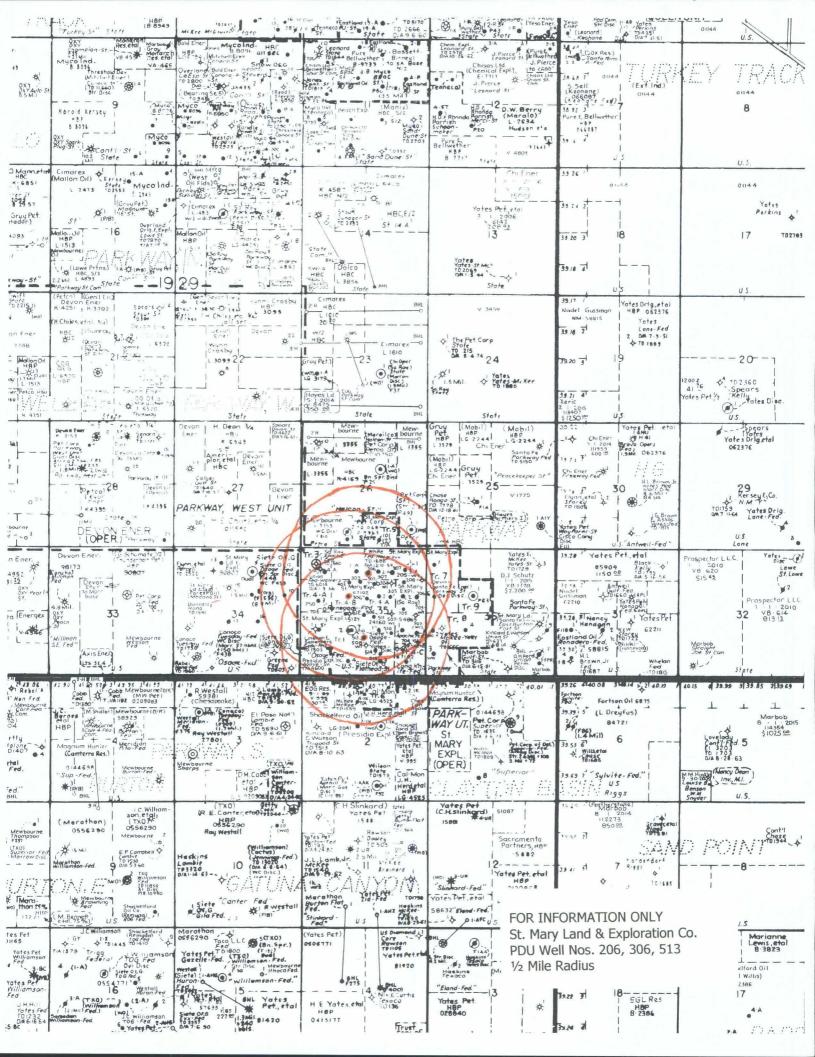
Notary Public. Eddy County, New Mexico

Copy of Publication:

NOTICE OF INJECTION

APPLICATION St. Mary Land & Exploration Co ., c/o BO Box 953. Midland, TX 79702 will file the New Mexico Oil Conservation Division ` Form. C-108, Application for Authorization to /inject, with the NMOCD seeking: evitantejaimbe approval for waterflood injection expansion into their Parkway Delaware Unit, Well #306 located 2090' FNL & 2430' FEL of Sec 35, T195, RIZBE, Eddy County, NM. The proposed injection interval is from 3918-4406. The proposed maximum surface pressure is 980 psi,, with a maximum injection rate cof 1500 bbts water per day. The injection water will be sourced from area Delaware formation water at approximately 4000 from their Parkway Delaware Unit All interested parties opposing the application must file objection with the New Mexico Oil Conservation Division, 1220 South St. Francis Dr., Santa Pe, NM 87505 within 15 days of this notice. Additional information can be obtained by contacting Ann Ritchie, Regulatory Agent, St. Mary Land & Exploration Co. c/o P.O. Box 953, Midland, TX 79702, (432) 684 6381. Published in the Artesia Daily Press, Artesia, NM March 21, 2010

Legal No.21072



ST. MARY LAND & EXPLORATION COMPANY EXPANSION OF EXISTING INJECTION PROJECT, FORM C-108 PARKWAY DELAWARE UNIT #206

OPERATORS WITHIN ONE HALF MILE RADIUS

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3. St. Mary Land & Exploration Co	2. CHEVRON (FORMERLY UNION OIL)	1. YATES PETROLEUM CO
3300 N	11111	105 S ²

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MEWBOURNE OIL CO	ST. MARY LAND & EXPLORATION CO	CHEVRON (FORMERLY UNION OIL)	YATES PETROLEUM CO
PO Box 5270	3300 N"A" ST BLDG 7 STE 200	11111 S WILCREST	105 S 4 TH ST

Houston, TX 77099 Midland, TX 79705 Hobbs, NM 88241 ARTESIA, NM 88210

A COPY OF THE OCD FORM C-108 DATA SHEET & MAP HAVE BEEN SENT BY CERTIFIED MAIL TO THE ABOVE PARTIES ON MARCH 19, 2010.

ANN E. RITCHIE, REGULATORY AGENT

ST. MARY LAND & EXPLORATION CO. 3300 N "A" ST, BLDG 7, SUITE 200 MIDLAND, TX 79705

St. Mary Land & Exploration Company
Parkway Delaware Unit #306
Expansion of Existing Injection Project, Form C-108

OPERATORS WITHIN ONE HALF MILE RADIUS

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ST. MARY LAND & EXPLORATION CO
 MEWBOURNE OIL CO

11111 S WILCREST 3300 N"A" ST BLDG 7 STE 200 PO Box 5270

Houston, TX 77099 Midland, TX 79705 Hobbs, NM 88241

A COPY OF THE OCD FORM C-108 DATA SHEET & MAP HAVE BEEN SENT BY CERTIFIED MAIL TO THE ABOVE PARTIES ON MARCH 19, 2010.

ANN E. RITCHIE, REGULATORY AGENT

ST. MARY LAND & EXPLORATION CO. 3300 N "A" ST, BLDG 7, SUITE 200 MIDLAND, TX 79705

ST. MARY LAND & EXPLORATION COMPANY
PARKWAY DELAWARE UNIT #513
EXPANSION OF EXISTING INJECTION PROJECT, FORM C-108

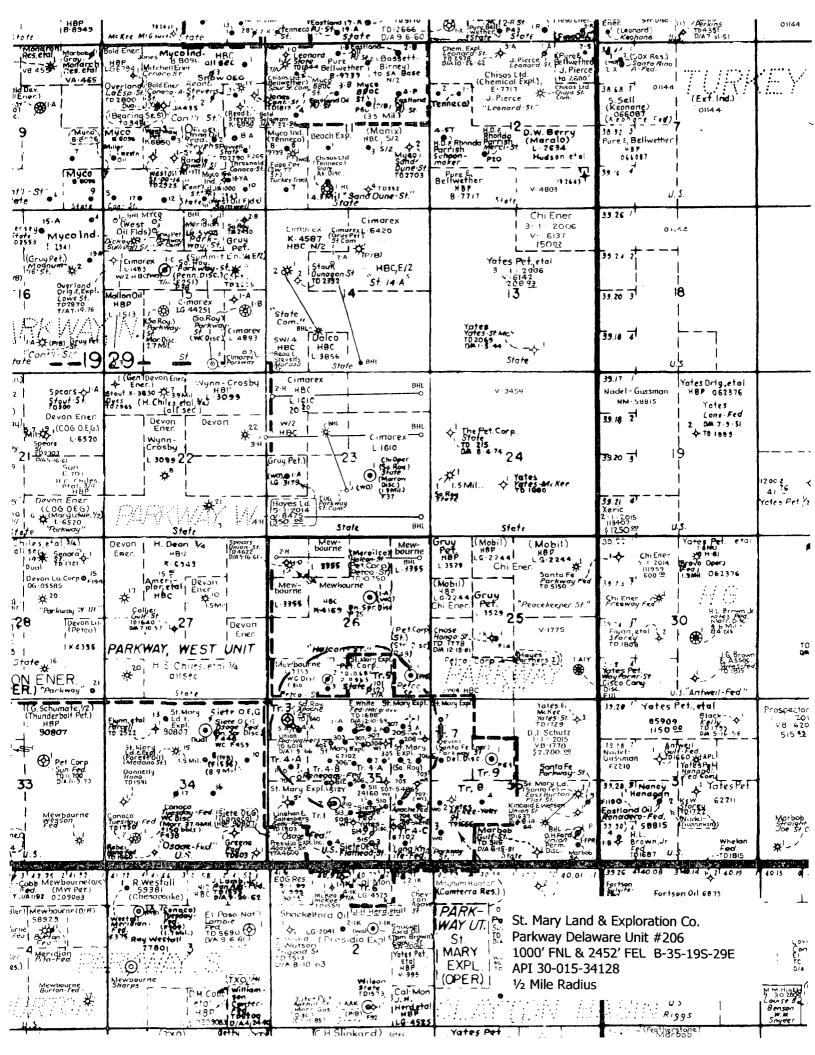
OPERATORS WITHIN ONE HALF MILE RADIUS

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7. YATES PETROLEUM CO	6. BEACH EXPLORATION INC	5. ROBINSON OIL INC	4. PIERCE PRODUCTION CO LLC	3. CHEVRON (FORMERLY TENNECO & UNION OIL) 11111 S WILCREST	2. SANTA FE ENERGY OPERATING PARTNERS LP 1616 S VOSS STE 600	1. St. Mary Land & Exploration Co
105 4 [™] ST	800 N MARIENFELD STE 200	PO Box 1829	PO Box 1969	11111 S WILCREST	1616 S Voss STE 600	3300 N"A" ST BLDG 7 STE 200
ARTESIA, NM 88210	MIDLAND, TX 79701	EUNICE, NM 88231	EUNICE, NM 88231	Houston, TX 77099	Houston, TX 77057	MIDLAND, TX 79705

A COPY OF THE OCD FORM C-108 DATA SHEET & MAP HAVE BEEN SENT BY CERTIFIED MAIL TO THE ABOVE PARTIES ON MARCH 19, 2010.

ANN E. RITCHIE, REGULATORY AGENT

ST. MARY LAND & EXPLORATION CO. 3300 N "A" ST, BLDG 7, SUITE 200 MIDLAND, TX 79705



Form 3160-4 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

	FORM APPROVED
λ	OMB NO 1004-0137
	Expires July 31, 2010
SEA .	

WELL	COMPLE	TION OR	RECOMPL	ETION	REPORT	AND LOG

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b Type of Comple	tion	New Well	Work Over	\Box	eepen	_ □	lug Ba	ck	X	Diff R	esvr,		6 If Indi	an, Allottee	or tnb	e Name
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2 Name of Oper	ator									JUN	02	2008	7 Unit d	or CA Agree	ment N	ame and No
Yates Petro		poration								~ @ (*)	A 6794		.1			
3 Address				3a P	hone No	(inclu	de are	ea code)		OUU	THE	TESM	8. Lease	e Name and	Well N	0
105 S. 4th	Str., Artesi	ia, NM 8	8210	57	5-748-	1471) : 5	Sober Bl	EZ F	ederal #1
4 Location of W	ell (Report lo	cation clear	rly and in accord	ance w	ith Feder	ral requ	ureme	ents)*					9 APIV			
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23. Casing and	iner Record	(Report all	strings set in we	<u>(I)</u>			Cia	to Comon	T	No of C	L- 0 1	Classic	Val.	,		
Hole Size	Hole Size Size/Grade Wt (#/ft) Top (MD) Bottm(MD				,	Sia	te Cemen Depth	ter	No of S Type of C		Slurry (BB		Cement	Top*	Amount Pulled	
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24 Tubing Reco	rd	<u>.L</u>	<u> </u>	J					1					L		
Size	Depth S	et (MD)	Packer Depth (MD)	Sıze	T	Depth	Set (MD)	Pac	ker Depth	(MD)	Sıze	Depth	Set (MD)	Paci	ker Depth (MD)
2-7/8"	11,500'		11,500'													
25 Producing I	ntervals								26 F	Perforation	Record	1	,			
	ormation		Top			Bott			Perforated Interval Size			Size	No Holes Perf Status			
A) Atoka	 .		11,730'	\dashv		11,8	000			730'-11, 782'-11,				35 85		Producing
C)				$\overline{}$						850'-11,				37		roducing roducing
D)										000 11,	,000		·	·	<u>-</u>	roducing
27 Acid, Fractur	e, Treatment	, Cement S	queeze, Etc.	· · · · · · · · · · · · · · · · · · ·												
	oth Interval									nd Type of		al .				
11,730'-11,8	56'		Acidize w/15	00g	7-1/2%	IC H	CL v	vith 200	0 SC	F/PB N2	2					
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28 Production -	,															
Date First	Test Date	Hours	Test		ii)		as	Water	i	iravity	Gas	1	uction M	ethod		
Produced	E/22/00	Tested	Production	ľ	BL	I ^M	ICF E4	BBL	Corr		Gravit	´		C1	.*	
5/19/08 Choke	5/23/08 Tbg Press	Csg	→ 24 Hr		0		51 as	0 Water	Gas/	NA OIL	Well S			Flov	ving	
Size	Flwg	Press	Rate		"BL		iCF	BBL	Ratio		1 vv e ii S	riarus				
NA	NA	Packe	- I - K		0	[51	0		NA			P	roducing	1	
28a Production-	L		· · · · · · · · · · · · · · · · · · ·		- -				<u> </u>			·		2 - 2 311 18	<u>, </u>	
Date First	Test Date	Hours	Test	1	al .	G	as	Water	Oil G	ravity	Gas	Produ	etion M	ethod		
Produced		Tested	Production	В	BL	М	ICF	BBL.	Corr	API	Gravit	y				
	71 6		→													
Choke Size	Tbg Press Flwg	Csg Press	24 Hr Rate	- 1	al BL	ľ	ias ICE	Water	Gas/ Ratio		Well S	tatus				
						HΜ	ICF	BBL	r auc							

^{*(}See instructions and spaces for additional data on page 2)

28b Production		Maura	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	
Date First Produced	Test Date	Hours Tested	Production	BBL	MCF	BBL	Corr API	Gravity	T TOGGETTOT TVIELIOU	
Choke	Tbg Press	Csg	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Stat	us	
Size	Flwg	Press.	Rate	BBL	MCF	BBL	Ratio			
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28c Production		Ivaves	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	
Date First Produced	Test Date	Hours Tested	Production	BBL	MCF	BBL	Corr API	Gravity	1 TOGGEROTT WELLING	
Produced		resieu	→				Odii Ai i	Ordini,		
Choke	Tbg Press	Csg	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Stat	us	
Size	Flwg.	Press.	Rate	BBL	MCF	BBL	Ratio			
	<u> </u>	<u></u>	<u> </u>				<u> </u>			
29 Disposition	of Gas (Sold,	used for fuel,	, vented, etc.)							
Sold										
30 Summary of	f Porous Zone	s (include Ad	quifers)					31. Formation (Log) Markers		
Show all impo- including depth recoveries.	rtant zones o interval tester	f porosity ar d, cushion us	nd contents there ed, time tool ope	of Cored int n, flowing and	tervals and shut-in pre	all drill-ste ssures and	m tests, I			
	Complian		Тор	Bottom	Dog	enotion C	antonto oto		Name	Тор
	Formation		ТОР	DOMOIN	tom Description, Contents, etc.				Name	Meas Depth
								REF	ER TO ORIGINAL	COMPLETION
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32. Additional re	emarks (inclu	te alugging o	rocedure)	l		7,	· · · · · · · · · · · · · · · · · · ·			
JZ, Additional in	emarks (meau	ae biagging b	indeedure)							
						····	·····			
33 Indicate wh			hed by placing a	· · · · · · · · · · · · · · · · · · ·					-	
	Electrica	l/Mechanical	Logs (1 full set re	eq'd)	Geolog	gic Report	DST	Report	Directional Survey	
	П	1. f ft				I			_	
	Sundry N	lotice for plug	gging and cemen	ventication [Core A	Analysis	Othe	r Deviation	Survey	
34 I hereby cer	tify that the fo	regoing and a	attached informat	ion is complete	e and corre	ct as deter	mined from all a	vailable reco	ords (see attached instruc	ctions)*
Namelaless	not)			Tipo Une	to.			_	Manufata . A	r. 0
Name(please print) Tina Huer					ld	Title Regulatory Compliance			liance Supervisor	
Signature ()					ر م			Date	May 30), 2008
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or approved the United										

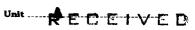
States any faise, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

(Continued on page 3)

(Form 3160-4, page 3)

Land Office New Mexico

Loase No. NN=01523



NOV 2 3 1960

UNITED STATES **DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY**

SUNDRY NOTICES AND REPORTS ON WELLS C. C. C.

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING.
	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT.
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	

(INDICATE ABOVE	BY CHECK MARK NATURE OF REPOR	T, NOTICE, OR OTHER DATA)
	***************************************	December 10, \$ // 19 59
HHITE NO. 1 PEDERAL HAP		
Well No is located is located	60 ft. from N line an	d 660 ft. from E line of sec. 35
6-NE (Bec. and Bec. No.) 35, 19	Twp.) (Range)	(Meridian)
	County or Subdivision)	New Mexico
The elevation of the designation	bove sea level is 3355	ft.
E.A.A.A.A.A.A		
	DETAILS OF WOR	
State names of and expected depths to objective ing	points, and all other important pr	ngths of proposed casings; indicate mudding jobs, cement- oposed work)
sulphur water at 1650 t	which increased t	countered strong flow of to TD of 1688. Fill up in a not lower water level
Mudded 1220' to 1636'; to 1170'; Cement plug	Coment plug 117 400' to 450'; M	Cement plug 1638' to 1688'; 'O' to 1220'; Mudded 450' added 220' to 400', Cement 100 and 5' marker cemented.
December 11, 1959 - No	ving out rig.	
I understand that this plan of work must rec	cive approval in writing by the Ge	ological Survey before operations may be commenced.

Box 146 itoswell, New Herico

Ву

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PLUGS AND ADAPTERS

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10

A. . , Driller

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...., Driller

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FORMATION RECORD The cases in the contract of t

Per to preducing spin and property 13

Gravity, B6.

N

P. O. BOX 187 Artesia, New Mexico

March 7, 1956

Union Oil Company of California

619 West Texas Avenue

Midland, Toxas

Re: Oil and Gas Lease NM 01523-A

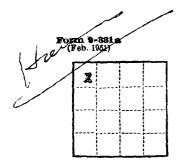
Your "Subsequent Report of Abandonment" dated Gentlemen: January 1956, covering your well No. 1-35 Welter located in the NWtNWt, section 35, T. 19 S., R. 29 E., Wildcat Area, Eddy County, New Mexico, is hereby approved.

John A. Frost District Engineer

JAF:

Inspected by John A. Prose Pebruary 29, 1956

HAT



(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Land Office	D
Lease No.	
Unit	
V.M	

SUNDRY NOTICES AND REPORTS ON WELLS

SUNDKI	NOTICES AN	D REI	OKIS ON 1	V ELLO
NOTICE OF INTENTION TO DRILL		SUBSEQUENT	REPORT OF WATER SHU	r-off
NOTICE OF INTENTION TO CHANGE P	LANS	SUBSEQUENT	REPORT OF SHOOTING	R ACIDIZING
NOTICE OF INTENTION TO TEST WAT	ER SHUT-OFF	SUBSEQUENT	REPORT OF ALTERING C	ASING
NOTICE OF INTENTION TO RE-DRILL	OR REPAIR WELL	SUBSEQUENT	REPORT OF RE-DRILLING	OR REPAIR
NOTICE OF INTENTION TO SHOOT OF	ACIDIZE	SUBSEQUENT	REPORT OF ABANDONME	NT
NOTICE OF INTENTION TO PULL OR	ALTER CASING.	SUPPLEMENT	ARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON	WELL	-		
(INDICA	TE ABOVE BY CHECK MARK NA	TURE OF REPOR	T, NOTICE, OR OTHER DAT	A)
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(3, Sec, and Sec, No.)		nge)	(Meridian)	W) me or sec.
till Librarit			12	of Marchan
(Field)	(County or St	ibdivision)	(Sta	te or Territory)
ate names of and expected depths to	ing points, and all other	weignts, and ten r important pro	posed work)	; indicate mudding jobs, come
stint 5) th. west) reserved 155) for stint 2) to, west) from distance to 5 e well was played as place of playe via	5-1/2" ending- 3-1/3" ending- 3-1/3" 32/5-33/5 4 chartonal from	5° and 11 55 115 one 10, 1	30-1260 30-1260 355, and made	3053' and 30 and common A width a 4" C.D.
I understand that this plan of work	t must receive approval in wri	ting by the Geo	logical Survey before ope	rations may be commenced.
ddress				
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Hilland, Sur		I	By Luu.	Janen A
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Form 9-831a (Feb. 1951)							
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(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Land	Offic	×6		
Lease	No.	E.H.	02,52	3 -4
Unit .	·	· · · · · · · · · · · · · · · · · · ·		

NOTICE OF INTENTION TO DRILL	
	SUBSEQUENT REPORT OF WATER SHUT-OFF.
IOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.
IOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING.	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	
(INDICATE ABOVE BY CHECK MARK NA	ITURE OF REPORT, NOTICE, OR OTHER DATA)
	, 19
ell No. 1 - 15 is located 669 ft. from.	line and fit. from w line of sec.
(½ Sec. and Sec. No.) (Twp.) (Re	ange) (Meridian)
Aldont May	
(Field) (County or S	ubdivision) (State or Territory)
ate names of and expected depths to objective sands; show sizes, ing points, and all other	weights, and longths of proposed casings; indicate mudding jobs, cer er important proposed work)
railed 7-7/5" balo to 6010". Das in many legs. San D.S.T. 1611-161 (1909-1906) and 1 from 1619-1906". San call communicat 5-1/2" 0.D., 15-59, 100 communicat 16 gal communicat plans 100	Costice, electric curety, come my so 5" and recurrent 150" eligibly etl and identify come so fallower 6 from 1626 3-55, new, mis. mg. at 1729.59" with our foot of Strate-Costo.
ralled 1-7/8 bate to 6380. But in many legs. But to 6380. But in many legs. But D.S.T. 1611-161 gas-out mail. But Schlandscaper a 1639 and 1 from 1659-1930. Less and communicat 5-1/2 G.D., 15-55, 169 communicat 5-1/2 G.D., 15-55, 169 communicat from 160 communicat from 160 communication communication communication from 160 communication communication communication. But some 160 communication communication communication.	Continue, electric expense, grams my so 5" and resourced 150" eligibly etl and identifications on follower 5 from 1616 3-55, and, color eng. at 1700.59" with our foot of Strate-Creto. pressure and adjuict up and topical eng-
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railed 7-7/8 hele to 6010. But in misero lega. But D.S.T. 1611-164 gas-out unit. But Schlusbenger a 1619 and 1 from 1619-1936. Les and commuted 5-1/2 G.B., 15.35, 160 conta 16 gal commut plan 160 leader to contact the leader. Belocated with 1609 for 30 alaman. C.E.	Contion, electric expeny, game my so of and resourced 150' eligibly etl and identify extended 150' eligibly etl and identify extended 150', and the telester of free telester. I feel of free telester of telester
rilled 7-7/8 beto to 6310. But in missro legs. Sun D.S.T. 1611-164 gas-out mil. But Schlaubenger of 1619 and 1 from 1619-1936. Les and commuted 5-1/2 G.B., 15.35, 160 could be got commuted plan 160 total of particular plan 160 for 30 atomics. Schlauben. G.E., 1619-1659 with balance per for	Contion, electric expeny, game my so of and resourced 150' eligibly etl and identify extended 150' eligibly etl and identify extended 150', and the telester of free telester. I feel of free telester of telester
rilled 7-7/8" hate to 6310". But in missee legs. See D.S.T. 1611-163 geo-est and. Iron 1619-1931". Les suit from 1619-1931". Les suit consisted 5-1/2" G.B., 15-55, 100 cooks 16 gel consist plan 100 little on commit to bears. Belocard with 15005 for 30 mission. O.E. Lef grado oll and 11,5005 mind.	Contion, electric expeny, game my so of and resourced 150' eligibly etl and identify extended 150' eligibly etl and identify extended 150', and the telester of free telester. I feel of free telester of telester
rilled 7-7/5 bate to 6350. But in second logs. San D.S.T. 611-63. Second and Proceedings of the Second logs of the 19-19-19-19-19-19-19-19-19-19-19-19-19-1	Costice, electric curvey, game my sections of sections of sections of signify etland identify etland identify etland identify etland identify, sec, ed. (700.59° with the foot of Strate-Caste.) pressure and signification and tested one test conference with 10,000 galloss Sections.
relied 1-7/5 beto to 6030. See in the second lease. See D.S.T. 1611-162 and 1 from 1815-1621. The second lease is part of the second lease is part of the second lease in the second lease is part of the second lease in the second lease is part of grade oil and 11,500 and. I understand that this plan of work must receive approval in we	Costice, electric curvey, game my sections of sections of sections of signify etland identify etland identify etland identify etland identify, sec, ed. (700.59° with the foot of Strate-Caste.) pressure and signification and tested one test conference with 10,000 galloss Sections.
Ing points, and all other parties of grade of and land land land and land a	Costice, electric curvey, game my sections of sections of sections of signify etland identify etland identify etland identify etland identify, sec, ed. (700.59° with the foot of Strate-Caste.) pressure and signification and tested one test conference with 10,000 galloss Sections.

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UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

OCD-ARTESIA

FORM APPROVED OMB No. 1004-0135 Expires: January 31, 2004

•				
SUNDRY	NOTICES	AND REP	ORTS ON	WELLS
				o re-enter an h proposals.
ndoned well	Use Forn	n 3160-3 (AF	PD) for suci	h proposals.

5. Lease Serial No. NM 67102 6. If Indian, Allottee or Tribe Name

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.			6. If Indian,	6. If Indian, Allottee or Tribe Name		
SUBMIT IN TR	PLICATE - Other inst	ructions on rever	se side	7. If Unit or	CA/Agreement, Name and/o	r No.
1. Type of Well				Parkway D	Delaware Unit NMNM8849	1X
	Other			8. Weil Na	me and No.	
2. Name of Operator				PDU 401		
St. Mary Land & Exploration Co.	mpany			9. API Wel		
3a. Address		3b. Phone No. (incl	lude area code)	30-015-25		
580 Westlake Park Blvd., #600, I		281-677-2772			d Pool, or Exploratory Area	
4. Location of Well (Footage, Sec., 1980' FNL & 1980' FWL; Sec.		on)			Delaware 49625 or Parish, State	
12. CHECK API	PROPRIATE BOX(ES) T	O INDICATE NAT	TURE OF NOTICE		OTHER DATA	
TYPE OF SUBMISSION			TYPE OF ACTION	·		
□ Notice of Intent ☑ Subsequent Report □ Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Deepen Fracture Treat New Construction Plug and Abando Plug Back	Reclamation Recomplete	/ Abandon	Water Shut-Off Well Integrity Other	
If the proposal is to deepen direct Attach the Bond under which the following completion of the investing has been completed. Findetermined that the site is ready 8/23/06 Add perfs from 4210' to 8/24/06 Pumped 1000 gals 7.5% 8/25/06 Frac 8/28/06 Psi to 500, leave well proposed to the site is ready 8/28/06 and perfs from 4210' to 8/24/06 Pumped 1000 gals 7.5% 8/25/06 Frac 8/28/06 Psi to 500, leave well proposed to 500, leave well proposed 24 hr well test - 47 Oil,	ne work will be performed or provided operations. If the operational Abandonment Notices shall for final inspection.) 4220', 2 spf, 21 holes 6 acid 34 bbls 2% flush	ovide the Bond No. on t on results in a multiple co	file with BLM/BIA. Re ompletion or recompleti	quired subsequent ion in a new interv eclamation, have b	reports shall be filed within 3 al. a Form 3160-4 shall be file	30 days
14. I hereby certify that the foregoin					Laren Day	
Name (PrintedlTyped) Marcie St. Germain		Title	Production Tech		•	

Signature Marcie	st. German		9/19/06			***********
	THIS SPACE	FOR FEDERAL OF	T	JSE		
Approved by (Signature)			Name (Printed/Typed)	AC	CEPTED FOR REC	CORD
Conditions of approval, if any, are certify that the applicant holds leg which would entitle the applicant to	al or equitable title to those rig	ice does not warrant or this in the subject lease	Office		Date SEP 2 5 2006	
Title 18 U.S.C. Section 1001 and Ti States any false, fictitious or fraudule	tle 43 U.S.C. Section 1212, malent statements or representations	ke it a crime for any pers as to any matter within	son knowingly and willitits jurisdiction.	fully to make to an	department or agency of the	United
(Continued on next page)				F	WESLEY W. INGRA	ER

Form 3160-5 (April2004)

OCD-ARTESIA UNITEDSTATES

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORMAPPROVED OM B No. 1004-0137 Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELL

SEP - 1 200 g^{5. Lease Serial No.}

	is form for proposals ell. Use Form 3160 - 3			6. If Indian, Allottee or Tribe Name
	PLICATE - Other inst	ructions on reve	se side.	7. If Unit or CA/Agreement, Name and/or No NM88491X
1. Type of Well Oil Well	Gas Well X Other			8. Well Name and No. PDU #302
 Name of Operator Mary Land & Explorat 	ion Co			9. API Well No.
3a. Address		3b. PhoneNo (includ	le area code)	30-015-26006
3300 N. A Street, Bldg. 7 4. Location of Well (Footage, Se			789	10. Field and Pool, or Exploratory Area Parkway;Delaware
(E) Sec. 35 - T-19S-R298 2230 FNL & 760 FWL	=			11. County or Parish, State Eddy Co. New Mexico
12. CHECK AI	PPROPRIATE BOX(ES)TO	O INDICATE NATU	RE OF NOTICE,	REPORT, OR OTHER DATA
TYPE OF SUBMISSION		TY	PEOF ACTION	
Notice of Intent	Acidize AlterCasing	Deepen FractureTreat	Reclamation	
X Subsequent Report	Casing Repair Change Plans	New Construction Plugand Abandon	Recomplete Temporarily	X Other Request for Abandon extension of
Final Abandonment Notice	Convert to Injection	Plug Back	Water Dispos	
	Amos attached is the d	locumentation and	d timeline to co	PA or return well to production. Implete activities of waterflood evalua
XEXPIRES	3/1/09	10 f. Ams		APPROVED AUG 2 7 2009 JAMES A. AMOS SUPERVISOR-EPS
14. I hereby certify that the foreg Name (Printed/Typed)	oing is true and correct	ı		
Donna Huddleston		Title	Production Te	ech .
Signature Omn) died diet	Date	08/11/2009	
, <u> </u>	THIS SPACE FOR	FEDERAL OR S	TATE OFFICE	E USE
Approved by			itle	Date
Conditions of approval, if any, are a certify that the applicant holds legal which would entitle the applicant	or equitable title to those rights	s in the subject lease	ffice	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

A 911/09

3300 N. A STREET, BUILDING #7, SUITE 200

MIDLAND, TEXAS 79705

4 3 2 - 6 8 8 - 1 7 0 0

FAX 432-688-1701

August 11, 2009



Bureau of Land Management Carlsbad, NM Field Office 620 E. Greene St. Carlsbad, NM 88220

Attn: Jim Amos

RE: Parkway Delaware Unit 302 (30-015-26006).

Dear Jim,

As we discussed by phone on August 11, 2009, this idle water injection well was shut-in late 2008 and was Temporarily Abandoned on May 15, 2009. An MIT test was performed and witnessed by the OCD. The OCD retained the original chart. We filed a Sundry Notice with your office that was dated May 22, 2009. The notice was returned to us stating that we had until August 31st, 2009 to reactivate the well or submit a notice to P&A.

We regret not submitting a notice to you in advance of the Temporary Abandonment. We are committed to complete compliance with your requirements and have taken steps to ensure this does not happen again. We would be happy to retest the well for one of your representatives if that is necessary.

PDU 302 is a water injector on the Western periphery of the Unit. We have recently been studying ways to improve the overall recovery from this portion of the flood and we believe conversion of some producers to injectors and injectors to producers may accomplish this. In waterfloods, the work on producers and injectors must be coordinated to be effective. We are currently trying to estimate the response of several alternatives to determine economic viability. We then will have to submit a proposal to our co-owners in the Unit to obtain their approval.

We foresee the following timeline to complete these activities:

- Project Update to BLM by November 15, 2009
- Compute Economics and Obtain partner Approval by December 1, 2009
- Submit final Sundry notice for work on PDU 302 by December 31, 2009
- Return to Injection, convert to producer or plug by March 1, 2010

Attached for your approval is a Sundry Notice that references this plan. Also attached are copies of:

- 1. Prior TA notification
- 2. Copy of the 5/15/09 MIT chart
- 3. TA approval from the OCD

Made Bord

We appreciate your cooperation in this matter. If you have any questions or additional concerns, please contact me immediately.

Sincerely,

Mark C. Bondy

Region Production Manager

(432) 557-9049 (cell)

mbondy@stmaryland.com

att:

FORMAI	PROVED
OM B No	1004-0137
Expires:	March 31, 2007

BUREAU OF LAND MANAGEM
CARLSBAD FIELD OFFICE

Form 3160-5 (April2004)	UNITEDSTATES	n	-		OMPN	PPROVED o 1004-0137 March 31, 20	07
	DEPARTMENT OF THE INTERIO BUREAU OF LAND MANAGEMENT		OPERATO	3'S.CO	Expires:	March 31, 20	
SUNDRY	NOTICES AND REPORTS O	N WEI	1	2. 20.0.			
Do not use th	nis form for proposals to drill or ell. Use Form 3160 - 3 (APD) for s	to re-e	nter an	6. If Indian	, Allottee	or Tribe Name	
SUBMIT IN TR	IPLICATE - Other instructions o	n rever	se side.	7. If Unit NM8849		reement, Name	and/or No.
1. Type of Well Oil Well	Gas Well X Other		-	8. Well Na			~~~~~
2. Name of Operator				PDU #3		٥.	
St. Mary Land & Explora	tion Co.		Į.	9. API We	II No.		
3a. Address	3b. Phonel		area code)	30-015-			
	7, Ste. 200 Midland, TX 7970832	688-17	89	10. Field a Parkwa		or Exploratory	Area
(E) Sec. 35 - T-19S-R29 2230 FNL & 760 FWL	ec., T., R., M., or Survey Description)			11. Count Eddy C New Me	y or Parisi O.		
12. CHECK A	PPROPRIATE BOX(ES)TO INDICATE	NATUR	E OF NOTICE, RE	-		R DATA	
TYPE OF SUBMISSION			PEOF ACTION				
	Acidize Deepen		Production (Start	/Resume)	Wat	ter Shut-Off	
Notice of Intent	AlterCasing Fracture	reat	Reclamation	rcosumo,		ll Integrity	
Subsequent Report	Casing Repair New Con	struction	Recomplete		Oth	e <u>r</u>	
Final Abandonment Notice	Change Plans Plugand		X Temporarily Abase Water Disposal	ndon			
If the proposal is to deepen dir Attach the Bond under which following completion of the in testing has been completed. Fi determined that the site is read	ted Operation (clearly state all pertinent details, in ectionally or recomplete horizontally, give subsurthe work will be performed or provide the Bond I wolved operations. If the operation results in a munal Abandonment Notices shall be filed only afterly for final inspection.) 2 3/8" fiberlined inj. tbg., 2 3/8" 8	face location No. on file altiple compart It require	ns and measured and tru with BLM/BIA. Require letion or recompletion in ments, including reclama	e vertical de ed subsequen a new inter ation, have b	pths of all nt reports s val, a Forn een compl	pertinent marke hall be filed wit n 3160-4 shall b eted, and the op	rs and zones. hin 30 days e filed once erator has
CIBP and 123 jts. 2 3/8" Covered and TA'd Perfs	'fiberlined inj. tbg. Note: Replace s./ 4241'- 4294' (66 Holes). Displ re tested wellbore and charted 30	d 1- 2 aced 5	3/8" tbg. collar on 1/2" 15.5# wellbo	TIH. S re w/ 11	et and g 0 bbs. I	got-off CIB FW and co	P @ 4029'. rrosion
5/13/09 TOH w/ remain bbls. FW + corrosion in Released pressure.	ing 73 jts. 2 3/8" fiberlined injection in ection in ection in ection in injection i	on tbg. (to 600#	123 jts. total) and and charted 30	l setting min. tes	tool. Le t. Lost	oad wellbo 20# in 30 r	re w/ 10 nins.
Wellbore TA'd.							
5/15/09 Performed a Me	ecanical Integrity Test. Original ch	art reta	ined by NMOCD.		,		
FAILURE TO SUBA	NIT NOI TO TAUSIL,	INO	CHART ATTA	ACHEO,	Bunk	Vida 7 w.	Tness
14. I hereby certify that the forepart Name (Printed/Typed)	going is true and correct						
Donna Huddleston		Title	Production Tech	ſ	100	COTED	
Signature/ Council	Auddes tu	Date	05/22/2009		AUC	EPIEU	FURRE
	THIS SPACE FOR FEDERAL	OR ST	ATE OFFICE U	ISE			
						JAN	1 2009
Approved by		Tr	le		Date	/s/ JD V	Vhitlock

(Instructions on page 2)

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease

which would entitle the applicant to conduct operations thereon

After 8-31-09 the well must be online or plans to P & A must be submitted.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department of States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Office

Office	State of New Mexico		MAY 2 1 2009	June 19, 2008
<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240	Energy, Minerals and Natural Res	sources	WELL API NO.	Julie 19, 2006
District II	OIL CONSERVATION DIVI	l l	30-015-	26006
1301 W Grand Ave, Artesia, NM 88210 District III	1220 South St. Francis D		5. Indicate Type of Lease	
1000 Rio Brazos Rd., Aztec, NM 87410	Santa Fe, NM 87505	<u> </u>	STATE I 6. State Oil & Gas Lease	FEE L
District IV 1220 S. St. Francis Dr., Santa Fe, NM			NM 88491X	140.
(DO NOT USE THIS FORM FOR PROPOSA	ES AND REPORTS ON WELLS ALS TO DRILL OR TO DEEPEN OR PLUG BAC ATTOM FOR PERMIT" (FORM C-101) FOR SUCH	K TO A	7. Lease Name or Unit Ap Parkway Delaware Unit	greement Name
PROPOSALS.) 1. Type of Well: Oil Well (Sas Well Other Inj. Well		8. Well Number 302	
2. Name of Operator St. Mary Land	& Exploration Co.		9. OGRID Number	903
3. Address of Operator 3300 N. A S	treet, Bldg. 7, Ste. 200		10. Pool name or Wildcat	
Midland, , I	X 79705		Parkway;Delaware	
4. Well Location				
		ine and <u>760</u>	feet from the W	
Section 35	Township 19S Range 2 11. Elevation (Show whether DR, RKB)		NMPM Count	y Eddy
	3312' GR	K1, O1, e1c.)		
	opropriate Box to Indicate Nature	-	•	
NOTICE OF INT PERFORM REMEDIAL WORK TEMPORARILY ABANDON PULL OR ALTER CASING DOWNHOLE COMMINGLE	PLUG AND ABANDON REMI	EDIAL WORK	LING OPNS P AND	ING CASING 🔲
OTHER	OTHE	R. TA'd Inj. V	Well ·	(2)
 Describe proposed or completed of starting any proposed work or recompletion. 	ted operations. (Clearly state all pertiner k). SEE RULE 1103. For Multiple Com	it details, and pletions: Atta	give pertinent dates, included the control of processing the control of the contr	ding estimated date oposed completion
123 jts. 2 3/8" fiberlined inj. tbg. 1 Perfs./ 4241'- 4294' (66 Holes). D	perlined inj. tbg., 2 3/8" 8 rd SS nipple, a Note: Replaced 1- 2 3/8" tbg. collar on T isplaced 5 1/2" 15.5# wellbore w/ 110 bb o 700#. Casing held. TOH LD w/ 50 jts	IH. Set and g s. FW and cor	ot-off CIBP @ 4029'. Co	vered and TA'd
5/13/09 TOH w/ remaining 73 jts. corrosion inhibitor mixed, pressure	2 3/8" fiberlined injection tbg. (123 jts. td wellbore to 600#, and charted 30 min.	otal) and setting test. Lost 20#	ng tool. Load wellbore w/	10 bbls. FW + ssure.
Wellbore TA'd.		*		- A
		•	porany Abunconed statu	• •
5/15/09 Performed a Mecanical In	tegrity Test. Original chart retained by N	MOCD. Until	6/1/2013	Carrier State of the State of t
				
Spud Date:	Rig Release Date:			
I hereby certify that the information ab	ove is true and complete to the best of m	y knowledge a	and belief.	
SIGNATURE DOMAN CH	ddles froution Te	ec h	DATE 05/	18/2009
Type or print name Donna Huddleston For State Use Only	E-mail address: <u>dhud</u>	dleston@stma	ryland.com PHONE: (432)688-1789
APPROVED BY: LIUMED Conditions of Approval (if any):	Nac TITLE COMPLIAN	w Offi	CLL DATE C	6/1/09

SUNDRY Do not use th	UNITEDSTATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT NOTICES AND REPORTS OF is form for proposals to drill or sell. Use Form 3160-3 (APD) for se	N WELLS JUN	FORMAPPROVED OM B No. 1004-0137 Expires. March 31, 2007 5. Lease Serial No. 4 2009 6. If Indian, Allottee or Tribe Name
	PLICATE - Other instructions or	reverse side.	7. If Unit or CA/Agreement, Name and/or No. NM88491X
. Type of Well Oil Well	Gas Well X Other		8. Well Name and No. PDU #302
St. Mary Land & Explorat	ion Co.		9. API Well No.
a. Address	3b. PhoneN	o.(include area code)	30-015-26006
	, Ste. 200 Midland, TX 7970(\$32)	688-1789	10. Field and Pool, or Exploratory Area Parkway; Delaware
1. Location of Well (Footage, Se E) Sec. 35 - T-19S-R29E 2230 FNL & 760 FWL	c., T , R., M., or Survey Description)		11. County or Parish, State Eddy Co. New Mexico
12. CHECK AI	PPROPRIATE BOX(ES)TO INDICATE	NATURE OF NOTICE,	REPORT, OR OTHER DATA
TYPE OF SUBMISSION		TYPEOF ACTION	
Noticeof Intent Subsequent Report Final Abandonment Notice	Acidize Deepen AlterCasing FractureTr Casing Repair New Cons Change Plans Plug and A Convert to Injection Plug Back	Production (Struction Recomplete Abandon Temporarily.	OtherAbandon
If the proposal is to deepen dimension Attach the Bond under which of following completion of the intesting has been completed. Find determined that the site is read 5/12/09 TOH w/ 123 jts. CIBP and 123 jts. 2 3/8" Covered and TA'd Perfs	ectionally or recomplete horizontally, give subsurf the work will be performed or provide the Bond N volved operations. If the operation results in a mul- nal Abandonment Notices shall be filed only after y for final inspection.) . 2 3/8" fiberlined inj. tbg., 2 3/8" 8 fiberlined inj. tbg. Note: Replaces s./ 4241'- 4294' (66 Holes). Displa	face locations and measured and on on file with BLM/BIA. Relatiple completion or recompletical requirements, including record SS nipple, and 2.3 d 1- 2.3/8" tbg. collar acced 5.1/2" 15.5# wel	of any proposed work and approximate duration thereof d true vertical depths of all pertinent markers and zones. quired subsequent reports shall be filed within 30 days on in a new interval, a Form 3160-4 shall be filed once clamation, have been completed, and the operator has 3/8" x 5 1/2" Baker AD-1 pkr. TIH 5 1/2" on TIH. Set and got-off CIBP @ 4029'. Ibore w/ 110 bbs. FW and corrosion asing held. TOH LD w/ 50 jts. 2 3/8" tbg.
bbls. FW + corrosion inf Released pressure.	ibitor mixed, pressured wellbore to INECTON WELL.	to 600#, and charted NOOD TA	
		PICHAND IN	LE - NMOUD-ALRESIA
5/15/09 Performed a Me	canical Integrity Test. Original ch	art retained by NMO	CD.
FAILURE TO SUBI	MIT NOI TOTA WEIL	NO CHAIT ATTAC	Ved/Bin Dilart witness
14 I hereby certify that the fore Name (Printed/Typed)	going is true and correct		<u></u>
Donna Huddleston		Title Production Te	ech ACCEPTED FOR DECOR
Signature/Courn	Huddes tu	Date 05/22/2009	ACCEPTED FUR RECUR
	THIS SPACE FOR FEDERAL	OR STATE OFFICE	E USE
			JUN 2 2009

CARLSBAD FIELD OFFICE Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Office

BUREAU OF LAND MANAGEMENT

(Instructions on page 2)

Conditions of approval, if any, are attached. Approval of this notice does not warrant or

certify that the applicant holds legal or equitable title to those rights in the subject lease

which would entitle the applicant to conduct operations thereon.

After 8-3/-09 the well must be online or plans to P & A must be submitted.

- C13F

RECEIVED

FEB 26 '90

C. C. D. ARTESIA, OFFICE

February 21, 1990

Siete Oil & Cas Corporation P. O. Box 2523
Roswell, NM 88202-2523

Gentlemen:

Your Application for Permit to Drill, Deepen, or Plug Back (APD) for well Renegade Federal No. 4, Lease No. NM-67102, Section 35, T. 19 S., R. 29 E., has been cancelled.

The APD is considered expired if drilling activity has not commenced within one year after approval. Should you desire to drill this well at a later date, you will be required to re-submit the proper forms for approval.

Sincerely,

Richard L. Manus

1-1 Let Many

Area Hanager

cc: RDO

NMOCD (Artesia/Hobbs)

1 mt FU-2 3-16-80 Exp. Int. Form 3160-5 (July 1989)

UNITED STATES

CONTACT RECEIV 6
OFFICE FOR NUMBER
OF COPIES REQUIRED
Other instructions on reve

BLM Roswell District Modified Form No. NM060-3160-4

[FORMORIV 9=331]	ENT OF THE INTERIO OF LAND MANAGEMENT	one (other instructions on revers	5. LEASE D	ESIGNATION AND 82) SERIAL NO.
(Do not use this form for proposals	CES AND REPORTS to drill or to deepen or plug ba FOR PERMIT-* for such proposa	ack to a different reservoir.	6. IF INDIAN	, ALLOTTEE OR	TRIBE NAME
1.		RECEIVED	7. UNIT AGE	EEMENT NAME	
OIL X GAS THER		FEB - 7 1991			
2. NAME OF OPERATOR				LEASE NAME	
Southland Royalty Company		O. C. D.		"A" Feder	ral
3. ADDRESS OF OPERATOR	70705	3ARTESIA DEPIRE NO.	9. WELL NO),	
21 Desta Dr., Midland, TX		915/686-5600	5 10 EIELDA	ND POOL, OR WI	LOCAT
 LOCATION OF WELL (Report location cie. See also space 17 below.) 	arry and in accordance with any	y state requirements.	1	y (Yates)	LUCAT
At surface	. + '	4)	11. SEC., T.	, R., M., OR BLK	. AND
890' FNL & 840' FWL	M		SURV	EY OR AREA	
			Sec. 35	, T19S, R	29E
14. PERMIT NO.	15. ELEVATIONS (Show wheth	er DF, RT, GR, etc.)	12. COUNTY	1	13. STATE
30-015-26291	3311' GR.	Topic Control of the	Eddy		NM
16. Check Ap	propriate Box To Indic	ate Nature of Notice, Rep	ort, or Othe	r Data	
NOTICE OF INTENTION	⊤0 :	SUBSE	QUENT REPORT OF:		
TEST WATER SHIPT OFF	UNIT OD ALTED CACIAIC	WATER SHIFT OFF		EPAIRING WELI	
	ULL OR ALTER CASING AULTIPLE COMPLETE	WATER SHUT-OFF FRACTURE TREATMENT		LTERING CASIN	_
	BANDON*	SHOOTING OR ACIDIZING		BANDONMENT*	⊢
├	HANGE PLANS	(Other)			H
(Other)		(NOTE: Report result Completion or Reco			
TIH w/TBG to 1538', pumped gelled mud. Pulled TBG up to Plug witnessed by Cathy Quee 1/24/91 - Installed dry hole r	275'. Mix & pump 75	sx CL C 2% CaCl2. Cmt to S	Surface.	Pnt - 2-8	TD-2 -91
APPROVED BY CONDITIONS OF APPROVAL, IF ANY:	TITLE	Sr. Staff Env./Reg. Spec.	DATE	01 Febru 2/6/9	uary 1991
	is completed until is completed. See Instructi	ions on Reverse Side			

Form 3160-4 (July 1989)

LINU CED STATES

CONTACT R VING OFFICE FOR N BER OF COPIES REQUIRED

BLM Roswell District Modified Form No. NM060-3160-3

(formerly 9–330	DEF	PARTME UREAU OF	NT OF	THE !	NTER	resia,	See Fyv		8210	SION	N	M-61	82_	AND SERIAL NO.
WELL CO	MPLETI	ON OR	RECON	IPLET	ION F	REPOR	T A	AND	FOR	ED	6. IF II	WOIAN, AL	LOTTEE	OR TRIBE NAME
1a. TYPE OF W b. TYPE OF CO		OIL WELL N:	GAS WELL D	DIFF. RESE		Other			8 - 7			M OR LE		
2. NAME OF OPERATOR			0.01	- ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					D. C. 1).				Federal
Southland Roy		npany							ESIA, O	FFICE		L NUMB	ER	
3. ADDRESS OF OPERAT		TY 797	05];	3a. AREA COC 915/680			Ю.		5			
4. LOCATION OF WELL	•			e with any	State regi							eld and arkwe		R WILDCAT
At surface 890° At top prod. interval	FNL & 84	40' FWL		•	·	ŕ					11. Si Qi	EC., T., R R AREA	., M., OR	BLOCK AND SURVEY
At total depth San	ne 													
9a. API WELL NO.				14. PERM				ATE ISSU			Ed			13. STATE NM
15. DATE SPUDDED 1/23/90	16. DATE T. 1/23	D. REACHED	17. DATE (OMPL. (Rea 1/90	ady to pro	od.)		3311'	GR.	(B, RT, GI	R, ETC.)*	·	19. EL	EV. CASINGHEAD
20. TOTAL DEPTH, MD 8	TVD 2	1. PLUG BACK T	.D., MD & TVD		IF MULTI HOW MAI	PLE COMPL.			23. INTERV		O-T	RY T00		CABLE TOOLS
24. PRODUCING INTERV	al (s), of this	COMPLETION	- TOP, BOTTO	M, NAME (M	D AND TV	'D)*							25.	WAS DIRECTIONAL SURVEY MADE
26. TYPE ELECTRIC AN	D OTHER LOGS	RUN											27. WA	S WELL CORED
28.						eport all	Str	rings		<u> </u>				
CASING SIZE	WEIGHT, 24#	LB./FT.	1470'	(MD)	11,	OLE SIZE	-	750	sx Cla	ENTING R	HECORD AMOUN			AMOUNT PULLED
133/811	48#		220'		3	-	#) s x		C/ (sas).		<u>.</u>	
						· · · · · · · · · · · · · · · · · · ·	\dashv				···	·		
29.		LINE	RECORD)	.			3	10.	T	UBING	RECO	RD	
SIZE	TOP (MD)	вотто	M (MD)	SACKS CE	MENT*	SCREEN	(MD)		SIZE			SET (MI)	PACKER SET (MD)
								- 12	2-3/8'	1!	538'			
31. PERFORATION RECO	RD (Interval, s	ize, and numb	er)			32. A	CID	_	OT, FRA	ACTUR	E, CE	MENT	SQUE	EZE, ETC.
						DEPTH	INT	ERVAL (MD)	ļ	MOUNT	and Kine	OF MAT	FERIAL USED
33.* DATE OF FIRST PRODUC	TION I	PRODUCTION N	ETHOD (Flow	ing, gas lift		DUCTION g- size and t	ype	of pump))			WELL	STATUS	(Producing or shut-in)
														CORD
DATE OF TEST	HOURS TES	TED CH	OKE SIZE	PROO'N TEST P		OIL - BBL			GAS - M	CF.	EPY?	53 FF FF	S R	GAS - OIL RATIO
FLOW, TUBING PRESS.	CASING PRE		HOUR RATE	OiL -	- BBL.		GAS	- MCF.		WATE	R - BBL F	₹8 (OIL	PRITY - API (CORR.)
34. DISPOSITION OF GA	S (Sold, used	for fuel, vente	d, etc.)							,	TEST	WITNES	SED BY	MEXIC .
35. LIST OF ATTACHME	ENTS									CI	ARIST	SAU.		
36. I hereby certify that	at the foregoin		d information			rect as deter r. Staff E							_ 2	/1/91
SIGNED	und V	- Lua	A CAMPA		LC							DAT	£	

Torm 3160-3 (July 1989) (formerly 9-331C)

DRAWER DD Ah SIA. HM 88210

CONTACT RECTIVING
OFFICE F MARR
OF CONTES ANALISM
(Other instructions on
reverse side)

30-015-28136 MM Rommall District Modified Form No. NMO60-3160-2

5. LEASE DESIGNATION AND SERIAL NO.

c/48

UNITED STATES
DEPARTMENT OF THE INTERIOR

	В	UREAU OF LAND	MANAGEMENT			NM-2416	0
APPLICA	ATION FOR	PERMIT TO DR	ILL, DEEPEN, O	R PLUG B	ACK	6. IF INDIAN, AL	LOTTER OR TRIBE NAME
la. TYPE OF WORK			EPENREDEIVED	PLUG BAC		7. UNIT AGREEM	TENT NAME 10156
b. TYPE OF WELL	, gas (~)	Ini	SINGLE X	Ay MULTIPE	• (T)	Parkway	Delaware Unit
WELL	WELL,	OTHER INJ	20NE LA SEP 28.19437			O. PARM OR LEA	eman so.
		orporation 🗸	10847	505)622-22	02	9. WELL NO.	
3 ADDRESS OF OP	TRATOR		07/		<u> </u>	509	
P.O. Box	2523, Roswe	11, NM 88202-	2523 OFFICE	41	.J	10. FIELD AND 1	POOL, OR WILDCAT
4. LOCATION OF V	ELL (Report locat	ion clearly and in accord	sance with any State requ			1	Delaware
	2630' FSL &	- '	SE¼, Unit Lette	r d () នៃ នៃ រីស៊ីតូស៊ី		11. BBC., T., R., I AND SURVEY	M., OR BLE. 49625
At proposed p	3011		Ox LOCATIONS	Sy State		1	: T19S, R29E
	Northeast (ION FROM NEAREST TOW!	N OR POST OFFICE			Eddy	PARISH 13. STATE
15. DISTANCE PRO			16. NO. OF ACR	FO IN LEASE 1	17 NO 4	OF ACRES ASSIGNED	
LOCATION TO	MEAREST	10'-lea	se			HIS WELL	
(Also to Bear	rest drig, unit line,	1f any 2630'-uni	T 9	20	20 ROTA	RT OR CABLE TOOL	N/A
TO NEAREST	WELL, DRILLING, CO , ON THIS LEASE, PT	MPLETED,		00		Rotarv	-
21. ELEVATIONS (S	bow whether DF, R				~ein		TE WORK WILL START
3338,- CI	₹		~	cerotary's Pot	2011	Septem	ber 1, 1994
23.		PROPOSI	ED CASING AND CEMEN	TING PROGRAM	Ćm.	iten Control	get Marine Profes
	0101110 0100		40.00	710740 7		·	
HOLE SIZE	CASING SIZE	WE IGHT/FOOT	GRADE	THREAD T	IPE.	BETTING DEPTH	TRAMAS TO TRITTAUP
26"	20"	90#	J-55	8rd	IPE.	350'	
26" 17날"	20" 13 3/8:"	90# 48#	J-55 J-55		IPE.	350 ' 1200 '	325 sxs circ 875 sxs circ
26"	20"	90#	J-55	8rd	TPE	350'	325 sxs circ 875 sxs circ
26" 17½" 12¼" 7 7/8" The opera	20" 13 3/8:" 8 5/8" 5½" ator propose	90# 48# 24# 15.5#	J-55 J-55 J-55	8rd 8rd 8rd 8rd		350 ' 1200 ' 3200 ' 4400 '	325 sxs circ 875 sxs circ 1150 sxs circ 550 sxs
26" 17½" 12¼" 7 7/8"	20" 13 3/8:" 8 5/8" 5½" ator propose	90# 48# 24# 15.5# es to drill to	J-55 J-55 J-55 J-55 a depth suffici	8rd 8rd 8rd 8rd ent to inj	ect wa	350' 1200' 3200' 4400' ter into t	325 sxs circ 875 sxs circ 1150 sxs circ 550 sxs
26" 17½" 12½" 7 7/8" The operation Attachmen	20" 13 3/8" 8 5/8" 5½" ator propose 1. ats: vey plat (C-	90# 48# 24# 15.5# es to drill to	J-55 J-55 J-55 J-55	8rd 8rd 8rd 8rd ent to inj	ect wa	350' 1200' 3200' 4400' ter into t	325 sxs circ 875 sxs circ 1150 sxs circ 550 sxs
26" 17½" 12½" 7 7/8" The operation Attachmer Surv	20" 13 3/8:" 8 5/8" 5½" ator propose 1. ats: yey plat (C- plemental Dr	90# 48# 24# 15.5# es to drill to 102) filling Data	J-55 J-55 J-55 J-55 a depth suffici	8rd 8rd 8rd 8rd ent to inj	ect wa	350' 1200' 3200' 4400' ter into t	325 sxs circ 875 sxs circ 1150 sxs circ 550 sxs
26" 17½" 12½" 7 7/8" The operation Attachmer Surv	20" 13 3/8" 8 5/8" 5½" ator propose 1. ats: vey plat (C-	90# 48# 24# 15.5# es to drill to 102) filling Data	J-55 J-55 J-55 J-55 a depth suffici	8rd 8rd 8rd 8rd ent to inj	ect wa	350' 1200' 3200' 4400' ter into t	325 sxs circ 875 sxs circ 1150 sxs circ 550 sxs
26" 17½" 12½" 7 7/8" The operation Attachmer Surv Supp Surf Siete Oil stipulati	20" 13 3/8" 8 5/8" stor propose 1. ats: yey plat (C- plemental Dr face Use Pla and Gas Co	90# 48# 24# 15.5# es to drill to 102) filling Data n rporation, as	J-55 J-55 J-55 J-55 a depth suffici	8rd 8rd 8rd 8rd ent to injo	ect wa $\neq E$	350' 1200' 3200' 4400' ter into ti	325 sxs circ 875 sxs circ 1150 sxs circ 550 sxs he Delaware
26" 17½" 12½" 7 7/8" The operation Attachmer Survive Support Siete Oil stipulation flease Siete Oil Bond	20" 13 3/8" 8 5/8" 5½" ator propose 1. ats: yey plat (C- plemental Dr face Use Pla and Gas Co ons and res described.	90# 48# 24# 15.5# es to drill to 102) filling Data frictions concernation meet Statewide	J-55 J-55 J-55 J-55 a depth suffici YPIRED	8rd 8rd 8rd ent to injo	ect wa $\neq E$	350' 1200' 3200' 4400' ter into to	325 sxs circ 875 sxs circ 1150 sxs circ 550 sxs he Delaware
26" 17½" 7 7/8" The operation Attachmen Survive Survive Survive Survive Survive Siete Oil stipulation lease Siete Oil Bonco BLM	20" 13 3/8" 8 5/8" 8 5/8" stor propose 1. 1ts: 2ey plat (C- 2 lemental Dr 3 and Gas Co 3 ons and res 4 described. 4 described. 5 and Gas Co 6 coverage: 8 bond File N 1 18 to drill or described.	90# 48# 24# 15.5# es to drill to 102) filling Data in erporation, as a trictions concertion meet. Statewide 0.: 3104	J-55 J-55 J-55 J-55 a depth suffici XPIRED operator, acceperning operatio	8rd 8rd 8rd 8rd 8rd ent to injection of the series of the	ect wa	as follows	325 sxs circ 875 sxs circ 1150 sxs circ 550 sxs he Delaware onditions, or portion

(This space for Federal) or State office use)

PERMIT NO.

APPROVED BY
CONDITIONA OF APPROVAL, IF ANY:

This space for Federal or State office use)

APPROVED BY
CONDITIONA OF APPROVAL, IF ANY:

This space for Federal or State office use)

APPROVAL DATE

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APPROVAL DATE

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Form 3160-5 (April2004)

UNITEDSTATES DEPARTMENT OF THE INTERIOS CD-ARTESIA BUREAU OF LAND MANAGEMENT EP 10 200 35.1

FORMAPPROVED

Rn

SUNDRY NOTICES AND REPORTS ON WEL

OM B No Expires	March 31, 2007
coca Corial No.	

	ell. Use Form 3160-3 (APD) for s				,			
SUBMIT IN TRI	PLICATE - Other instructions of	n revei	se side.	7. If Uni	t or CA/Agreement, Name and	l/or No.		
1. Type of Well Gas Well X Other				8. Well Name and No				
2. Norman (Community)				PDU #507				
Name of OperatorSt. Mary Land & Explorati	ion Co.			9. API Well No.				
3a. Address		No. (includ	le area code)	30-015	5-29504			
	, Ste. 200 Midland, TX 7970₽32)688-17	'89		and Pool, or Exploratory Area			
· •	c., T., R., M., or Survey Description)				ay;Delaware			
(G) Sec. 35 - T-19S-R29E 2628 FSL & 1485 FEL				11. County or Parish, State Eddy Co. New Mexico				
12. CHECK AP	PROPRIATE BOX(ES)TO INDICATE	E NATUI	RE OF NOTICE, R	EPORT, C	OR OTHER DATA			
TYPEOF SUBMISSION		TY	PEOF ACTION					
Notice of Intent Subsequent Report Final Abandonment Notice		struction Abandon	Production (St Reclamation Recomplete Temporarily Al	pandon	Water Shut-Off Well Integrity Other			
testing has been completed. Findetermined that the site is ready 7/29/09 Cleaned out to 4 7/30/09 Acidized 4 1/2" 1000# PP, flushi	•	er all requir 280' (72 2ed. ISI	ements, including recla	mation, have	been completed, and the operato NEFE HCL acid @ 2	or has 2 BPM		
8/5/09 - MIT @ 375 P	PSI and held for 12 hours. Return	ned wel	I to injection.	fota 8	ED FOR RECORD EP 8 2009 SEP 8 PROPERTY OF LAND MANAGEMENT)		
14. I hereby certify that the foreg	going is true and correct				LSBAD FIELD OFFICE			
Name (Printed/Typed) Donna Huddleston		Title	Production Tec	h				
Signature Alma	I Shieldlishon	Date	08/19/2009			*********		
	THIS SPACE FOR FEDERAL	ORS	TATE OFFICE	USE		***********		
Approved by			itle		Date			
certify that the applicant holds legal which would entitle the applicant		lease C	Office		No			
Title 18 U.S.C. Section 1001 and Titl States any false, fictitious or fraud	le 43 U.S.C. Section 1212, make it a crime for a ulent statements or representations as to any	ny person matter wi	knowingly and willfully thin its jurisdiction	to make to	any department or agency of the	United		

Form 3160-5 (April2004)

UNITEDSTATES

ILLI-ARTESTA O	FORMAPPROVED OM B No. 1004-0137 Expires: March 31, 20
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D	EPARTMENT OF THE IN	TERIOR	111	Expires: March 31, 2007		
	UREAU OF LAND MANAG	5. Lease Serial No.				
	NOTICES AND REPOR	NM54865 6. If Indian, Allottee or Tribe Name				
	is form for proposals to d II. Use Form 3160-3 (API	6. If Indian, Allottee or Tribe Name				
SUBMIT IN TRI	7. If Unit or CA/Agreement, Name and/or No.					
I. Type of Well Oil Well	Gas Well X Other	DEC 16	2008	8. Well Name and No.		
2. Name of Operator	ion Co	OCD-AR	TECHA	PDU #703 9. API Well No.		
St. Mary Land & Exploration Address		. Phone No. (include	le area code)	30-015-30027		
	Ste. 200 Midland, TX 79			10. Field and Pool, or Exploratory Area		
4. Location of Well (Footage, Sec	., T., R., M., or Survey Description	a)		Parkway;Delaware		
(I) Sec. 35 - T-19S-R29E 2610' FSL & 430' FEL				11. County or Parish, State Eddy Co. New Mexico		
12. CHECK AF	PROPRIATE BOX(ES)TO IN	DICATE NATU	RE OF NOTICE, RE	EPORT, OR OTHER DATA		
TYPEOF SUBMISSION		TY	PEOF ACTION			
	Acidize	Deepen	Production (Star	t/Resume) Water Shut-Off		
Notice of Intent	AlterCasing	FractureTreat	Reclamation	Well Integrity		
Subsequent Report	Casing Repair	New Construction	Recomplete	ACCEPTED FOR RECORD-		
Final Abandonment Notice		Plugand Abandon	Temporarily Aba	andon		
— Final Adamdonment Notice	Convert to Injection	Plug Back	Water Disposal	DEO 4 7 0000		
following completion of the intesting has been completed. Fir determined that the site is ready 10/27/08 Notified BLM & 10/28/08 RIH w/tbg to s 10/29/08 Spot 25sxscm 1849' POH w/tbg. SDFN 10/30/08 RIH w/tbg, no WOC, RIH w/tbg Tag @ w/tbg, WOC overnight. 10/31/08 RIH w/tbg Tag 1450'. RU to pump load POH w/tbg & 7" pkr, rem 11/3/08 RU WL & RIH v PUH w/tbg laid down 27 class C. neat. SDFN. 11/4/08 Open well RIH surface plug. ND BOP & Name (Printed/Typed) 14. Thereby Cut to the walling a Name (Printed/Typed)	volved operations. If the operation results all Abandonment Notices shall be filed for final inspection.) & OCD of MI, Trip Equip. It pot 25 sxs cmt, pump down the same as a second of the same as a	alts in a multiple condonly after all required only after all required on location. If OC 4 hrs, Target of 25 sxs class wilson, pumples class C cg TOC @ 157 OH RD WL, Fg, Tag TOC @ POH w/tbg, cots & spot 35 s	pletion or recompletion in rements, including reclaiming TOC @ 1849', I as C cmt 3% CaC co 25 sxs class C cmt, 3% CaChl, W g', POH w/tbg & sill H w/tbg mix & sill H w/tbg mix & sill Copy on tact BLM Jim Axs cmt for surface	All W/7" pkr on 2 3/8" tbg & set pkr @ 10C 4 hrs, Release & SI for weekend. Poot 130 sxs class C cmt. 2% CaChl. Poot 130 sxs class C cmt. 2% cachl. Poot 105 sxs cmt. Poot 105 sxs cmt. Poot 105 sxs cmt.		
Signature (Mark)	Auddlista	Date	12/04/2008	APPROVED		
	THIS SPACE FOR FE	DERAL OR S	STATE OFFICE	USE		
Approved by	·		Title	DEC 1 4 2008		
	attached. Approval of this notice do il or equitable title to those rights in t		Office	JAMES A. AMOS		

JAMES A. AMOS SUPERVISOR-EPS Title 18 U.S.C Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

which would entitle the applicant to conduct operations thereon.

N.M. OII CONS. DIVIDISC

UNITED STATES DEPARTMENT OF THE INTERIOR 1 W. Grand Avenue

FORM APPROVED OMB No. 1004-0135 Expires: January 31, 2004

BUREAU OF LAND MANAGEMENT 19818, NVI 8821

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.

NM67102
6. If Indian, Allottee or Tribe Name

		, ici cuoi, propositio			
SUBWITINTR	RPLICATE • Other Instr.	actions on reverse sid	e	7. If Unit or C	CA/Agreement, Name and/or No.
1. Type of Well		REC	EIVED	Parkway De	laware Unit 19265
Oil Well Gas Well	Other			8. Well Nam	e and No.
2. Name of Operator		JUL	3 0 7004	Parkway De	laware Unit #305
St. Mary Land & Exploration				9. API Well	No.
3a. Address		3b. Phone No. (include area	code)	30-015-330	71
580 Westlake Park Blv. Suite 60	00 Houston, Tx 77079	(281) 677-2772			Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T. R., M., or Survey Description) 2000 FNL & 1564 FEL UL:G					Parish, State
35-T198-R29E				Eddy Coun	ty, New Mexico
12. CHECK AP	PROPRIATE BOX(ES) TO	O INDICATE NATURE (OF NOTICE, RE	PORT, OR	OTHER DATA
TYPE OF SUBMISSION		TYPE (OF ACTION		
	Acidize	Deepen	Production (Start/	Resume)	Water Shut-Off
Notice of Intent	Alter Casing	☐ Fracture Treat ☐	Reclamation	1	☐ Well Integrity
Subsequent Report	Casing Repair	☐ New Construction ☑	Recomplete	(Other
	Change Plans	Plug and Abandon	Temporarily Aba	ndon	
Final Abandonment Notice	Convert to Injection	Plug Back	Water Disposal		
Attach the Bond under which t	ectionally or recomplete horizontal the work will be performed or pro-	lly, give subsurface locations and vide the Bond No. on file with I	i measured and true BLM/BIA, Requires	vertical depths I subsequent n	rk and approximate duration thereof of all pertinent markers and zones. eports shall be filed within 30 days a Form 3160-4 shall be filed once

testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has

Squeeze A Zone Perfs 3965'-3967' 100 SXS "C" Recomplete in B & C. Perfs = 4060'-4062' and 4220'-4230' Test 1150# PSI

determined that the site is ready for final inspection.)

ACCEPTED FOR RECORD

JUL 2 8 2004

ALEXIS C. SWOBODA PETROLEUM ENGINEER

14. 1 hereby certify that the foregoing is true and correct Name (PrintedlTyped)	1			
Mary C. St. Germain	Title	Production Tech		
Signature Marcie St. German	Date	7/22/04		
THIS SPACE FOR FEDER	AL CR	STATE OFFICE USE		
Approved by (Signature)		Name (Printed/Typed)	Title	
Conditions of approval, if any, are attached. Approval of this notice does not waterify that the applicant holds legal or equitable title to those rights in the subject which would entitle the applicant to conduct operations thereon.	rrant or	Office		Date
Tide 19 17 C C : 0 - 4 - 1001 - 4 Tide 40 17 C C C - 4 - 1010 - 1 - 1 - 1 - 1 - 1 - 1				

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES

Oil Cons.

FORM APPROVED OMB No. 1004-0135 Expires: January 31, 2004

DEPARTMENT OF THE INTERIOR N.M. DIV-Dist. 2

BUREAU OF LAND MANAGEMEN 1301 W. Grand Avenue Serial No.

SUNDRY NOTICES AND REPORTS ON WARRESIA, NM 8821 0 NM-24160

		1.711		1	NIVI-2410	U		
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.					6. If Indian, Allottee or Tribe Name			
	PLICATE - Other Instruc	tions on rever	se side	2704 2703 2 8 3 2	7. If Unit o	r CA/Ag	greement, Name and/or No.	
1. Type of Well ☐ Oil Well ☐ Gas Well ☐	Other			F	8. Well Na	me and	No.	
2. Name of Operator			REC	EIVED	PDU #51			
St. Mary Land & Exploration					9. API We			
3a. Address		3b. Phone No. (inch	ude area code)	L U Z004	30-015-3			
580 Westlake Park Blv. Suite.60	0 Houston, Tx 77079	(281) 677-2771	OBB 4	MTESIA			or Exploratory Area	
4. Location of Well (Footage, Sec., 2570" FSL & 2225' FEL UL:J	T, R., M., or Survey Description)				PARKW 11. County		AWARE UNIT 19265 th, State	
Sec. 35, T19S, R29E							ew Mexico	
12. CHECK API	PROPRIATE BOX(ES) TO	INDICATE NAT	URE OF NO	OTICE, RE	PORT, O	R OTH	IER DATA	
TYPE OF SUBMISSION		•	TYPE OF AC	TION				
	Acidize [Deepen	Prod	luction (Start/R	lesume)	O v	Vater Shut-Off	
Notice of Intent	Alter Casing	Fracture Treat	Recl	amation		□ w	Vell Integrity	
Subsequent Report	Casing Repair	New Construction	Reco	omplete			Other	
Sucsequent resport	Change Plans	Plug and Abandor	ı 🔲 Tem	porarily Aban	don	_		
Final Abandonment Notice	Convert to Injection	Plug Back	☐ Wate	er Disposal		_		
Isolated Delaware "C" perforation Perforated the Delaware "B" sand Acidized with 1500 gals of 7 1/25 Frac'd with 14,000 gals of Clearfi 24 hour well test: 8 bopd, 20 bwp Status: producing with 1 1/2" inse	ns with a CIBP plug set @ 4180 14070-4080' with 20 holes (0.4' 26 HCL rac and 20,500# of 16/30 Brady ad, 1 Mcfpd, GOR: 125, 40 API	" diameter) sand, last 10,000#		ACCE		9 200 ABYAK		
14. I hereby certify that the foregoing Name (PrintedlTyped)	g is true and correct	Title	Operations Ma	anagar Gulf (Coast and I	Parmian		
Chuck Jones	/		1	,	vasi aliu I	CHINAN		
Signature / Wwk	- Yanz	Date	5/18	rational and the skips	Wa wasang ing A		and the second of the second o	
	/ THIS SPACE FO	OR FEDERAL OR	STATE OF	FICE USE				
Approved by (Signature)			Name (Printed/Typed)			Title		
Conditions of approval, if any, are certify that the applicant holds leg which would entitle the applicant to	attached. Approval of this notice at or equitable title to those rights conduct operations thereon.	does not warrant or in the subject lease	Office				Date	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on next page)

Form 3160-5 September 2001)	UNITED STATES DEPARTMENT OF THE IN	NTERIOR IN	Oil Cons. I.M. DIV-Dist.	FORM APPROVED OMB No. 1004-0135 Expires: January 31, 2004
SUNDR Do not use th abandoned w	BUREAU OF LAND MANA Y NOTICES AND REPOR Sis form for proposals to sell. Use Form 3160-3 (APD)	GEMENT 1301	W. Grand Av	Frigge Serial No. 100 - 24160 6. If Indian, Allottee or Tribe Name
SUBMIT IN TR	IPLICATE - Other instru	ctions on revers	ė sidė:	7. If Unit or CA/Agreement, Name and/or No.
1. Type of Well Oil Well Gas Well	Other		RECEIVED	Parkway Delaware Unit 8. Well Name and No.
2. Name of Operator			FEB 1 0 2005	PDU #512 9. API Well No.
St. Mary Land & Exploration Co Ba. Address	ompany	3b. Phone No. (include	PANCAPITESI2	
580 Westlake Park Blvd., #600,	Houston TX 77079	281-677-2800		10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., 2615' FSL & 1980' FWL UL:K,	, T, R., M., or Survey Description)			Parkway Delaware II. County or Parish, State Eddy
12 CHECK AP	PROPRIATE BOX(ES) TO	INDICATE NATI	IRE OF NOTICE RE	EPORT, OR OTHER DATA
TYPE OF SUBMISSION	TROTRIATE BOX(EB) TO		YPE OF ACTION	
Notice of Intent Subsequent Report Final Abandonment Notice 3. Describe Proposed or Complete If the proposal is to deepen dire Attach the Bond under which t following completion of the imtesting has been completed. Findetermined that the site is ready Drilled to 2326' and became stuce 1/26/2005: Plug #1- 75 sx Prem Plug #2 - 150 sx Prem Plug #3 - 60 sx Prem	Alter Casing Casing Repair Change Plans Convert to Injection ad Operation (clearly state all pertirectionally or recomplete horizontall the work will be performed or provolved operations. If the operation all Abandonment Notices shall be for final inspection.) ak in the Capitan Reef. Unable to the imm Plus + 2% Cacl2 @ 1664' to mium Plus + 2% Cacl2 @ 439' to the imm Plus + 2%	Deepen Fracture Treat New Construction Plug and Abandon Plug Back nent details, including ey, give subsurface location and the Bond No. on filtresults in a multiple confiled only after all requito recover dilling tools to 1528' to 314' surface. Cut off surfactive, Cathy Queen.	Production (Start, Reclamation Recomplete Temporarily Aba Water Disposal stimated starting date of ar ons and measured and true with BLM/BIA. Require apletion or recompletion ir irements, including reclan s in hole. P & A as followed the casing at 3' below GL Approved as to	Well Integrity Other O
14. I hereby certify that the foregoi Name (PrintedlTyped) Dennis L. Goins	ng is true and correct		perations Engineer	•
Signature (mm)	Jan an	a district the second	/2/2005	
	THIS SPACE F	OR FEDERAL OR	STATE OFFICE USE	
Approved by (Signature)	(ORIG. SGD.) ALEXIS O	. SWOBODA	Name Printed/Typed)	PETROLEUM ENGINEER
Conditions of approval, if any, are certify that the applicant holds leg which would entitle the applicant to	pal or equitable title to those right	c does not warrant or	Office RFO	FEB 0 8 200
Title 18 U.S.C. Section 1001 and T States any false, fictitious or fraudu	itle 43 U.S.C. Section 1212, make lent statements or representations as	it a crime for any person to any matter within its	n knowingly and willfully t jurisdiction.	to make to any department or agency of the United

UNITED STATES N.M. Oil Cons. DIV-Dist. 2
DEPARTMENT OF THE INTERIOR W. Grand Avenue

FORM APPROVED OMB NO. 1004-0137

A C.				I	OUKEA	U OF	LAND MA	NAGEN	V ~ IEM 1	400	ia n	RAL	00	274	<u> م</u> ا د		Expi	res: Jan	uary	31, 2004	
	WE	LL C	OMF	PLET	O NOT	R RI	ECOMPLI	ETION	REPA	ORP	ANDI	70/G	O	211				erial No.			
																241					
la. Type o	f Well		Dil Wel		Gas We	ali 🗌		her							6	. If I	Indian	, Allotte	e or T	Tribe Nam	ie
b. Type of	f Completi	on:	6	Ne	w Well	□ v	Vork Over	Deep 🗋	en 🗀	Piu	g Back		iff. R	esvt.	-						
			(Other_						_					1			_		t Name ar	id No.
2. Name o	f Operator																	DELAW			
St. Mary L	•														1			ame and	Well	No.	
3. Addres		Oracio	111			-			3a. I	Phone	No. (inc.	lude ar	rea co	de)		J #5				····	
	ke Park Biv	vd Sui	ite 600	Housto	on Tx. 77	079			1) 677-2	•			,				ll No.			
							ordance with	Federal i									33714				
		-							•	ŕ	_		11.75	_					-	oloratory	
At sur	face 1700	FSL	2630 F	EL UI	.:J						1.36	ECE	IVE	D						JNIT 496	
At ton	prod. inter	val re	norted '	helow	SAME						H.)N 0 :	3 200	ξ.	*		Area			Block and	Survey
и юр	pros. mor	Va. 10	portou	001011	BAME									•	17	Co	unty o	r Parish	1198-	13. State	
At tota	al depth SA	AME									GOI		116		EDI		uniy o	1 1 41 1011		NM	
14. Date		-	.,	Tie F	Date T.D.	Donah			16. D	ate Co	mpleted		<u> </u>				evetio	ns (DF	RKB	RT, GL)	•
14. Date	spanaea			13. 2	AIC 1.D.	Reaci	icu		_] Da	•	_	dy to 1	Prod.	'		· · ·	(L.)	*****	,, 00)	
3-29-05				4-12-	05										331	3' GI	L				
18. Total	Depth: M	D 4	718			19. P	lug Back T.I		4673'			20. E	Depth !	Bridge F	lug Sct	:	MD				
		VD_						TVD									TVD				
21. Type E	lectric & O	other !	Mechan	nical L	ogs Run	(Subm	it copy of eac	h)			l			ell core		_	No			mit analys	-
	• . •										1			ST run? onal Su		_	No No		•	mit report) mit copy))
23. Casing	Laterolog,			<u> </u>									Direct	Oliai ou	ivey?	<u> </u>	NO	<u> </u>	(Sub	min copy)	
23. Casing	and Lines	RECO	nu (Re	port at	i strings s	et in w	(211)	Stag	ge Ceme	enter	No. o	f Sks. d	& I	Slurry	Vol			T	r		
Hole Size	Size/Gr	ade	Wt. (#	//R.)	Top (N	AD)	Bottom (M	D) 0me	Depth			f Ceme	1	(BB		C	ement	1 op-	۱ ۱	Amount Pr	ulled
17 1/2"	13 3/8	10	42	2	0 403'												0				
12 1/4"	9 5/8'		36		0		1535'					**					0				
8 1/2°	7*		23	,	0		3195 '				150	sx "C"					0				
6 1/2"	4 1/2	•	10 1	1/2	0		4600				250	sx "C"									
24. Tubing	Record																				
Size	Depth	Set (MD)	Packer	r Depth (MD)	Size	Dept	th Set (N	MD)	Packer D)epth (!	MD)	Si	.e	D	epth S	et (MD)	Pa	cker Dept	h (MD)
2 3/8"					4103'				1											arte a servicio	
25. Produc	ing Interva	ls						26.	Perfor	ation	Record										
	Formation	A			TOP		Bottom		Perfo	rated I	nterval		Si	ze	No. I	loles			Perf.	Status	
A) Delawa	te "C"								4	148-41	55			4	8	3			0	pen	
B) Delawar	re "C"								4	1159-41	66			4		<u> </u>	\bot		_ 0	pen	
C) Delawar	e "C"								4	192-41	98			4	1:	3	_		0	pen	
D)																					
	racture, Tr		ent, Cer	ment S	queeze,	Etc.															
	Depth Interv	val								Ar	nount an	d Type	of Ma	ternal							
41489-4198				2500) gals 15%	HCI															
							ex circ to surfac	<u> </u>		<u> </u>											
28 Produc	tion - Inter	nrol A		1 ** 2	80 50/50 -	1 200 C	lass C		`												
Date First	Test	Hour		Cat	Oil		Gas	Water	lo	il Gravi	tv	Gas		Proc	luction l	Vetho	nd				
Produced	Date	Teste		roductio		•	MCF	BBL	C	orr. AP	ĺ	Grav				1		COTC	יח נ	\D DI	CORD
	5-20-05	2		\perp		30	20	300						Pur	np	1	400	CPIC	ועו	ON W	
Choke Size	Tbg. Press. Flgw.	Csg. Press		l4 Hr.	Oil BBL		Gas MCF	Water BBL		as: Oil atio		Well	Status								
	SI		<u> </u>		""	•		500	"			DD O	DUCI	NG				11.11	ı	1 000	_
28a. Produc	ction - Inter	rval P					<u> </u>					μKO	اعاددا			+	- 	44		1 200	}
Date First	Test	Hour	. 7	Cst	Oil		Gas	Water	156	îl Gravi	ty	Gas		Prod	uction M	ethod	i 			. ^	
Produced	Date	Teste	d F	Producti	on BBL	•	MCF	BBL	120	on. API		Grav	ity				L.	ALEXIS	S C.	SWOBC	DDA
Chabi	The D	C-11		للل				10-7		3 ·		 	<u>C</u>			1_				A ENGIN	
Choke Size	Tbg. Press. Flwg.	Call Press		4 Hr. Rate	Oil BBL		Gas MCF	Water BBL	K	atio		Well	Status								

(See instructions and snaces for additional data on next nace)

	r - Inter	rval C									
	Test Date	Hours Tested	Te: Pro	it duction	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg Press Flwg. SI	Cag. Press	24 Rat		Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status		
28c. Produc	tion - Inter	val D			·						
Date First Produced	Test Date	Hours Tested	Pro	it duction	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	The Press Flwg. Sl	Csg. Press	24 Rai		Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status		
29. Disposit	tion of Gas	(Sold use	d for	fuel, v	ented, etc.)					
30. Summa	ry of Paro	us Zones (Inclu	de Aqu	ifers):				31. Formati	ion (Log) Markers	
tests, i	all imports ncluding de coveries.	ant zones epth interv	of po /al tes	rosity a sted, cu	und content shion used	ts thereof: C , time tool op	Cored intervencen, flowing	als and all drill-ste and shut-in pressu	em res		
Forma	tion	Тор	F	Bottom		Descri	iptions, Cont	ents, etc.		Name	Top Meas. Depth
Delav	vare	3725	Т							Delaware	3724
Delawa		3917		4004			Not Tested	d		*	
Delawa		4004		4147			Not Tested	d		*	
Delawa	1	4147	 	4296			Oil		-		
	-										
			l						1		
	ĺ		l								
	Ī										
	1		1						l		
										•	
32. Additio	mal remark	e (include	nhia.	ging pr	vedure).			1	l		
Ja. Audiuo	niai i Chiai S	B (IIICIGGE	Piug	Ring bi	·			7			1
						,					
22 6: 1			· · · · · · · · · · · · · · · · · · ·	·····							
33. Circle e						2 6		. 2 DOT	D		
_	strical/Mec dry Notice		-				leologic Repo lore Analysis		-	Directional Survey	
O Built	ary Nonce	tor proggi	ing arr	u conte			Ole Allaiyele				
34. I hereby	y certify th	at the fore	going	and at	tached info	ormation is c	omplete and	correct as determin	ned from all avail	able records (see attached ins	tructions)*
Name (please prir	Marcie	St. Ge	rmain				Title Produc	tion Tech		,
Signatu	n.e	arcie	Sı	L.G	<u>cm</u>	· ·		Date <u>5-23-0-</u>	4		
Title 18 U.S	S.C. Section	n 1001 an	d Tit	le 43 U	S.C. Sect	on 1212 ma	ke it a crime	for any person kn atter within its juri	owingly and will	fully to make to any departm	ent or agency of the United

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~ (A) W

2001)

UNITED STATES DEPARTMENT OF THE INTERIOR BURFALLOF LAND MANAGEMENT

NMOCD

FORM APPROVED OMB NO. 1004-0137 Expires: January 31, 2004

•	Bureau of Land Managemen 1		Expires: January 31,
	API ETION OR RECOMPLETION REPORT AND	LOG	
-1 1 1:110	API E HON OK KEGOWELEHON KEPOK LAND	LUG	S Leave Serial No

	V * L L.	.L. UU	1411 -	L 110,	• • • • • • • • • • • • • • • • • • • •			CLI OILI				NM 6						
la. Type of	Well 5	Zi oii v	Well	Gas	Well [Dry Oth	er					6. I	f Indian	, Allottee	or Tribe N	ame		
b. Type of						ork Over	Deepe	n 🔲 Piu	g Back	Diff. I	Resvr.							
			Othe	er											ment Name	and No.		
2. Name of	Operator														ARE UNIT			
St. Mary La	_	ration												ame and	Well No.			
3. Address								3a. Phone	No. (inc	lude area c	ode)		#307Y API We	il No.				
580 Westlak	e Park Blv	d Suite	600 Ho	aston, T	x. 77079			(281) 677-2	2772				5-33997					
4. Location	of Well (R	leport la	ocation	clearly	and in acc	ordance with i	Federal ı	requirements,)*						r Explorato	гу		
At surfa	ace 1500	FNL. 2	060' FE	EL UL:C	}					RECE	IVED	PARI	WAY I	DELAWA	REUNIT 4	19625		
										JUN 2	7005	11.			on Block a	and Surve		
At top	prod. interv	/al repor	rted bel	low SA	ME				C		TEOIA	-	or Are	SEC 35-1	1198-R29E			
At total	i depth SA	ME							~	OO M	i Ealy	EDD		or Parish	13. Su NM	116		
14. Date 5	Spudded		1	5. Date	T.D. Reach	red		16. Date Co	ompleted					ons (DF,	RKB, RT, C	GL)*		
	••			11-05				Q D	&A E	Ready to	Prod.				•			
4-29-05					T			<u> </u>				3315						
18. Total I		D 4600 VD 460			19. P	lug Back T.L).: MD 4 TVD			20. Depti	n Bridge Plu	g Set:	MD TVI)				
21. Type El				al Logs	Run (Subm	it copy of eac				22. Was	well cored?	V			(Submit an	alysis)		
. ,											DST run?	Ū] No	Yes	(Submit rep	oort)		
** See #32								 		Dire	ctional Surve	y? 🔽	No	Yes Yes	(Submit co	py)		
23. Casing	and Liner	Record	(Repo	rt all str	ings set in v	veli)	Star	ge Cementer	No.	of Sks. &	Slurry Vo	<u>. T</u>						
Hole Size	Size/Gra	ide V	Vt. (#/fl	i.) T	op (MD)	Bottom (M)	D) 544	Depth		of Cement	(BBL)		Cemen	t Top*	Amour	nt Pulled		
17 1/2	13 3/8/H	40	48#		0	415'			1.	. below			()				
12 1/4	9 5/8/J-		36#		0	1500	_ _		2.	below				0	ļ			
8 1/2	7/3-55		23#		0	3220				below	 			0	 			
61/2	4 1/2/ I-	.33	10.5#		0	4600			 	d 150 sx	 -	0						
	 	_				 	\dashv		 	l 200 sx lass C	 	\dashv						
24. Tubing	Record					-1					<u> </u>				<u> </u>			
Size		Set (MI	D) Pa	cker De	pth (MD)	Size	Dep	th Set (MD)	Packer	Depth (MD)	Size		Depth	Set (MD)	Packer D	epth (MD		
25. Produc							26.	Perforation										
4) = .	Formation	<u> </u>		<u>T</u>	OP	Bottom		Perforated				No. Ho	les		Perf. Status	3		
A) Delawar B) Delawar							+	4134-4			4	13		 	Open			
C)			-				+-	4148-4	133		.4	11			Open			
D)																		
27. Acid, I	Fracture, Tr	catment	L, Ceme	ent Sque	eze, Etc.													
	Depth Interv	val						Α	mount a	nd Type of	Material							
4134-4153				1200 gal	15% HCL 5	5 bbis flush 2%	KCI	1. Lead-200 s										
								2. Lead-280 s						····				
								3. Stage 1 - 63			+ 48 bbls CI C circ 10 bbl to :		PPG		- · · · · · · · · · · · · · · · · · · ·			
28. Produc	ction - Inte	rval A						30	JUI CI C		-4- 10 001 W	TE TREE.						
Date First Produced	Test Date	Hours Tested	Ter	et duction	Oil BBL	Gas MCF	Water BBL	Oil Gra Corr. A		Gas Gravity	Produ	tion M	ethod					
6-02-05	6-08-05	24		П	5	2	56	VVII. A	- 4	Sievily	Pump	A	CCEF	TED F	OR RE	CORD		
Choke	Tbg. Press.	Cag.	24 R#	Hr.	Oil	Gas	Water	Gas: Oil		Well State		1	T					
Size	Flgw. Si	Press		П	BBL	MCF	BBL	Ratio		pn cor.	ODIC					1		
28a. Produ	ction - Inte	rval B		ш_	<u> </u>	1				PRODU	CING	┼	+	JUN_2	8 2005			
Date First	Test	Hours	Te		Oil	Gas	Water	Oil Gra		Gas	Produc	on Me	thod		ac	1		
Produced	Date	Tested	Pro	oduction	BBL	MCF	BBL	Corr. Al	P(Gravity					SWOBO	ĎĀ		
Choke	Tbg. Press.	Çall		Hr.	Oil	Gas	Water	Gas: Oil		Weil Stat	ius		PETI	ROLEUN	A ENGINE	ER		
Size	Flwg. SI	Press	Ra	lte [7	BBL	MCF	BBL	Ratio		1								
(Con Inst	uctions and	1 00000	160000	Iditio-	I data as s	avt ness!	L								 -			
iner insin	····		- HH M	M# HIA!	TIMEN CITY OF	~ * * * * * * * * * * * * * * * * * * *												

, C	tion - Inter	val C								
	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
hoke ze	Tbg Preas Flwg. 31	Cag. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status		
Sc. Produc	tion - Inter	val D								
ate First roduced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
boke ize	The Press Flwg. SI	Cag. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status		
Disposit	tion of Gas	(Sold use	d for fuel, v	ented, etc.)	· · · · · · · · · · · · · · · · · · ·	 	,			
	ry of Paro	us Zones (Include Aqu	ifers):				31. Format	ion (Log) Markers	
tests, i	all imports including di coveries.	ant zones o epth interv	of porosity al tested, cu	and conten shion used,	ts thereof: C time tool o	Cored interva pen, flowing	ils and all drill-ste and shut-in pressur	m es		
Forma	ation	Тор	Bottom		Descr	iptions, Cont	enis, etc.		Name	Top Meas. Depth
Delawa		3907	3988						Delaware	3629
Delawa Delawa		3988 4132	4132			Oil				
			e plugging j		u and W. Da	s Laterolog -	Micro GP			
_	e enclosed		s: Logs (1 full :	set req'd.)	2	Geologic Re	port 3 DST	Report 4	Directional Survey	
5 Su	undry Notic	e for plug	ging and cen	nent verific	ation 6	Core Analys	is 7 Oth	er:	ailable records (see attached ins	tructions)*
	•		e St. Germain		-	• •	Title Produ			,
			:St.(مین		Date 6-21-			

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212 make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES DEPARTMENT OF THE INTERIOR N.M. DIV-Dist. 2 BUREAU OF LAND MANAGEMESO 1 W. Grand Avenues. Lease Serial No.

FORM APPROVED OMB No. 1004-0135 Expires: January 31, 2004

SUNDR Do not use th abandoned we	Y NOTICES AND REPOR is form for proposals to d all. Use Form 3160-3 (APD)	RTS OMANNE Irili or to re-e for such pro	SSE, NM 88210 Inter an Posals.	NM-67102 6. If Indian, Allottee	or Tribe Name	
SUBMIT IN TR	IPLICATE - Other instruc	ctions on re	/erse side	7. If Unit or CA/Agre	ement, Name and/or No	<u></u> -
1. Type of Well			DCA	Parkway Delaware	Unit	
	Other		RECEIVED	8. Well Name and N	,	
2. Name of Operator			FEB 1 0 2005	PDU 307		
St Mary Land & Exploration Cor	npany		•	9. API Well No.	2000	
3a. Address		3b. Phone No.	include area code PTFS	20 30-015- 03712	12997	
580 Westlake Park Blvd., #600, I	Houston TX 77079	}		10. Field and Pool, or	Exploratory Area	_
4. Location of Well (Footage, Sec.,				Parkway Delaware		
_		ر بر ۰	=	11. County or Parish,	State	
1560 FNL 21	060' FEL Secti	ion 35,	1195 K29E	Sec. 35, T19S, R29	EPPY	
12. CHECK API	PROPRIATE BOX(ES) TO	INDICATE N	ATURE OF NOTICE, R	EPORT, OR OTHE	R DATA	
TYPE OF SUBMISSION			TYPE OF ACTION			
	Acidize [Deepen	Production (Star	t/Resume)	er Shut-Off	_
Notice of Intent	Alter Casing	Fracture Trea			I Integrity	
Cubaraman Danasi	Casing Repair	New Constru	ction Recomplete	Oth	- •	
Subsequent Report		Plug and Aba		andon	·	
Final Abandonment Notice	Convert to Injection	Plug Back	Water Disposal			_
determined that the site is ready: Drilled well to 2230' and became 1/8/2005: Plug #1 - 150 sx Class Plug #2 - 120 sx Class Plug #3 - 60 sx Class C	stuck in the Capitan Reef. Unab	ole to recover d	rilling tools in hole. P&A as	s follows: Ided on steel plate cap. Of the well hope	,	
•					· · · · · · · · · · · · · · · · · · ·	_
 I hereby certify that the foregoin Name (PrintedlTyped) 	g is true and coffect			, 		
Dennis L. Goins		{ Ti	lle Operations Engineer	;	₹ `	
Signature Carrees	lotini-		ate 2/1/2005			
	THIS SPACE FO	R FEDERAL	OR STATE OFFICE USE			=
Approved by (Signature)	(ORIG. SGD.) ALEXAST	SWOBODA	Name (Printed Typed)		EUM ENGINE	== EH
Conditions of approval, if any, are certify that the applicant holds lega which would entitle the applicant to c	attached. Approval of this notice at or equitable of the tothose rights conduct operations thereon.	does not warrant in the subject le	or Office RFO		EB 0 8 200	5

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

N.M. Oil Cons. DIV-Dist. 2

Form 3160-4 (September 2001)

(See Instructions and snaces for additional data on next name)

UNITED STATES 1301 W. Grand Avenue DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT 1882 N. 10 88210

FORM APPROVED OMB NO. 1004-0137

								3-21-15-21			A STA	4	1.	Ŀ	:xpi	res: .	anua	ry 31, 20	704	
	WEI	LL CO	MPLE	ΠΟΙ	N OR RE	COMPL	ETION	REPORT	AND	LOG				. Leas		erial l	No.			
														61582	_					==
a. Type o	f Well	☑ oil v			s Well		her						6	. If Inc	dian	, Allo	ttee o	r Tribe N	ame	
b. Type o	f Completion	on:	Ø N	cw W	rell 🔲 W	ork Over	Deep	en 🔲 Piu	ig Back	☐ Diff.	Resvr.		 -	Unit	or (CA A	greem	ent Name	and No	
			Other										ł				•	E UNIT	, mile 111	•
2. Name o	f Operator																	ell No.		-
St. Mary L	and & Expl	oration											1	J #207						
3. Addre									-	lude area e	code)		9	. API	We	II No				_
	ke Park Blu							(281) 677-				·	30-0	15-34	121	S	1			
4. Location	n of Well (Report lo	cation c	learly	and in acc	ordance with	rederal i	requirement:	" RE	CEIVE	ED							Explorato	гу	_
At sur	face 995'	FNL, 146	i' FEL	UL:B					2				ļ		_			E UNIT 4		_
***	1 2_1		4 L -1		1 am				JU	L 1820	05		11	l. Sec.	., T. Ares	., R.,	M., o	n Block a	ınd Sur	VO.
At top	prod. inter	vai repon	iea peloi	₩ SA	LME				966	AATE	DIA	ı	 					S-R29E	10	
At tota	al depth SA	AME								. ` '			EDI	. Cour	ny c	A FAI	1811	NM	110	
14. Date		····	115	Date	T.D. Reach	-d		16. Date C	ompleted	<u> </u>					ratio	me (D	F RK	CB, RT, C	31.)*	_
14. Date	Spaaaca		6-5		1.D. Reach			O D		Ready t	o Prod	,	•			(L	, , ,	, .	, L	
5-23-05]					331	8 GL						
8. Total	Depth: M				19. Pl	ug Back T.	D.: MD 4	536		20. Dept	h Brid	ge Pl	ug Set		MD					
21 Time F		VD 4590		Loge	Pun (Suhmi	it copy of ear		4536		22 37			12		VD		Z (9)		-1	
ar. type c	icourc oc c	Autor Micc	atom secon	2060	Man (Savin	it copy of ca	,		Ì		well o			א א∑∑		_		ubmit an ubmit rep		
** Sec #32	2								i		ctional					=	•	ubmit cor		
		Record	(Report	all str	ings set in w	ell)		······································												
Hole Size	Size/Gr	ade W	t. (#/ft.)	Stage Cementer No. of Sks. & Sh									/ol.)	Cen	nent	Top*		Amoun	t Pulled	
17 1/2	13 3/8/3	-55	48#		0	394'			s	ee #32					0					
12 1/4	9 5/8/3-	55	36#		0	1488			1.	below			0							
8 1/2	7/J-5	5	23#	L_	0	3227			2.	below					0					_
6 1/2	4 1/2/ 1	.55	11.6#	ļ	0	4577			18	l sx C					0					
	 			 					81 :	ex C cir	 									
4 5 1 1	<u> </u>			ــــــــــــــــــــــــــــــــــــــ		<u> </u>			<u></u>		L		لــــــا							_
4. Tubing		9 - + () (T)	\ Pack	D	pth (MD)	C)	Door	L C. (ACI)	Dealer 1	Death (MD)		C:-		15			m. 1	D 1	41 () (_
Size	Depin	Set (MD	Pack		'`-	Size	Deb	th Set (MD)	Packer	Depth (MD)	' 	Size	•	Det	oth 2	Set (M	υ)	Packer D	epth (M	ט
25. Produc	ing Interva	ls		410)3		26.	Perforation	Record		Т			ــــــــــــــــــــــــــــــــــــــ	_					_
	Formation			T	OP	Bottom		Perforated			Size	T	No. H	ioles	T		Pe	rf. Status		-
A) Delawa	re "C"	···	_					4165-4			.4	+	5		╁			Open		
B) Delawa			_					4173-4			.4	+	20		T			Open		-
C) Delawar		····						4208-43			.4	十	11		T			Open		-
D)												\top								
27. Acid, l	Fracture, Tr	eatment,	Cement	Sque	eze, Etc.															
]	Depth Interv	/al						А	mount ar	nd Type of l	Materio	d								
4165-4218			30	00 Ы	ls 15% HCL 5	5 bbls flush 29	% KCI	1. Lead 300	sx Class	C, Tail 250 s	K									
								2. Stage 1 - 15	0 sx 50-50	<u>-10</u>										_
								Stage 2 - 10	0 sx 50-50	-10 + 75 ax (lass C									
20 Produ	tion - Inter	A			·	 														
Date First	Test	Hours	Test		Oil	Gas	Water	Oil Grav	ity	Gas	 ү	Produ	ction h	Acthod						_
Produced	Dete	Tested	Produc	tion	BBL	MCF	BBL	Corr. Al		Gravity	ı			1011104						
7-6-05	7-6-05	24	1		19	0	270					Pum								7
Choke Size	Tbg. Press. Flgw.	Cag. Press	24 Hr. Raic		Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio		Well Statu	3		AC	CEF	PTI	ED I	FOR	REC	ORD	
	SI] []				}		PRODU	CING								7	
	ction - Inte	val B												1					1	†
Date First Produced	Test Date	Hours Tested	Test Produc	tion	Oil BBL	Gas MCF	Water BBL	Oil Grav Corr. AP		Gas Gravity	Ţ	Produ	tion M	ethod	JU		8	2005	1	T
- 2-2-000]		<i></i>	056	Con. AP	•	Jiavity .	į							0 ^ 4)	
Choke	Tbg. Press.	Call	24 Hr.	'	Oil	Gas	Water	Gas: Oil		Well State				ΑI	EXI	S C	SWI	0.€ 4 080DA	<u> </u>	+
Size	Flwg.	Press	Rate		BBL	MCF	BBL	Ratio		1	ALEXIS C. SWOBODA PETROLEUM ENGINEER					1				

28b. Produc	tion - Inter	val C						·		
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	The Press Flwg. Si	Cag. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status		
28c. Produc	tion - Inter	val D		-	. <u></u>					
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Thg Press Flwg. Si	Cag. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status		·
29. Disposi	tion of Gas	(Sold use	d for fuel, v	ented, etc.)	<u> </u>					
SOLD										
Show tests, i	all imports	ant zones o	include Aqu of porosity a al tested, cu	nd content	s thereof: C time tool op	ored interva en, flowing s	ls and all drill-stem and shut-in pressures	31. Formatio	on (Log) Markers	
Forma	coveries.	Тор	Bottom		Descri	ptions, Conte	ents, etc.		Name	Top Mess. Depth
								1		Meas. Depui
Delava Delawa	re "A"	3908	4013						Delaware	3780
Delawa	re "B"	4013	4161	l						
		•	plugging pr Detector Litt	•	and Hi-Res l	Laterolog - M	∕icro - CFL/GR			
*Lead 195 s	sx C, Tail 1	180sx H, to	pped off w/:	50 sx, 25 sx	, 25 sx & 25	5 sx thru 1"; 1	Final Plug 50 sx thru	1", 25 sx circ to	o pit.	
-	ctrical/Mec	hanical Lo	gs (1 full set			eologic Repo ore Analysis	ort 3 DST Re	=	irectional Survey	
34. I hereb	y certify th	at the fore	going and at	ached info	mation is co	omplete and	correct as determined	from all availa	ble records (see attached instru	ctions)*
Name ((please prii	nt) Marcie S	t. Germain			· .	Title Production	1 Tech		
Signatu		arcie	≨t.(-	ZM	<u> </u>			-13-05		
Title 18 U.: States any f	S.C. Sectional Section Section 19	on 1001 and ous or frauc	l Title 43 U Julent staten	S.C. Section	on 1212 mal	ke it a crime as to any ma	for any person know tter within its jurisdic	ingly and willf tion.	ully to make to any departmen	t or agency of the United

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2004

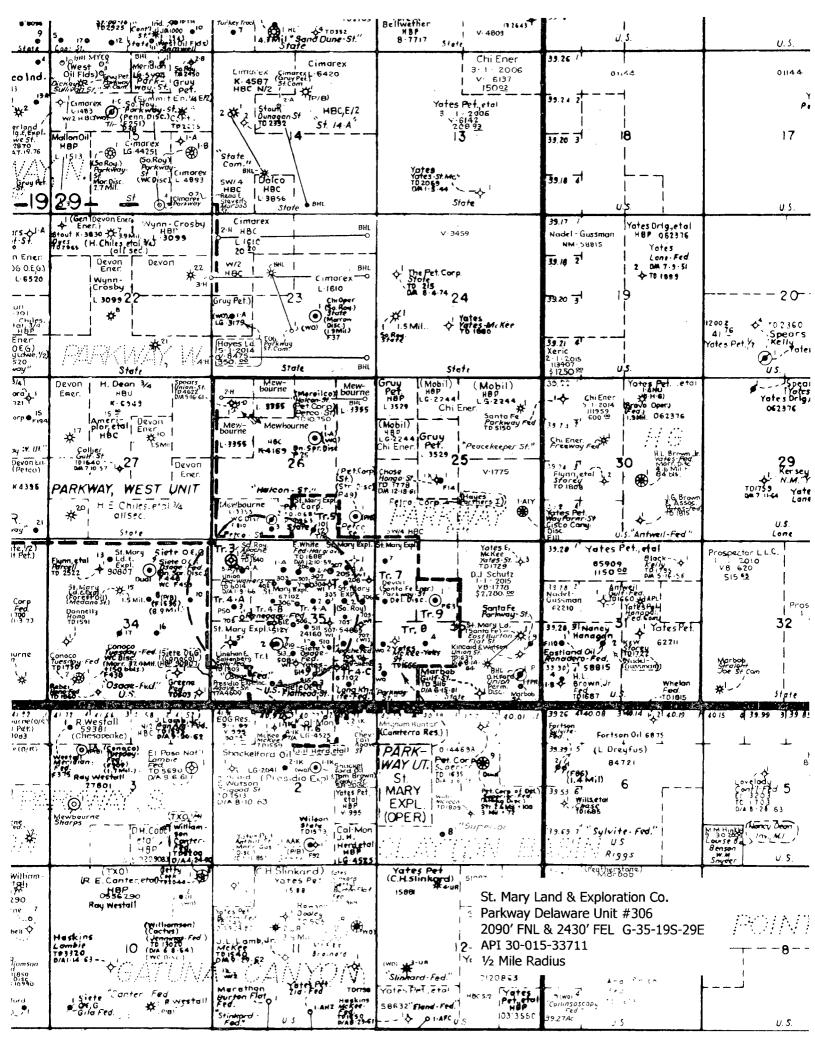
	WE	LL C	Ю	PLET	ION OR R	ECOMPLI	ETIO	N RE	PORT	AND I	.OG			1 .	. Loase 54865	e Seri		uary 51, 200	
la. Type o	f Well f Completi	_			Gas Well [Dry Ot			ection W			Diff. R	esvr.	6	. If Ind	ian, A		e or Tribe Nan	
			•	Other										- 1			-	ment Name a	nd No.
2. Name o	f Operator		`											-				ARE UNIT	
St. Mary L	-		n.												. Lease J #208	Nan	ie strio	Well No.	
3. Addres							~ /	3	a. Phone	No. (inc.	lude a	rea co	de)		API	Well	No.		
					n,Tx. 77079				81) 677-2				·	1 -)15-344				
4. Location	a of Well (Repor	t locat	ion clea	arly and in ac	cordance with	r Fede	ral requ	irements,	•								r Exploratory	
At sur	face 1438	r FNL	. 969	FEL UI	шH									PAI	RKWA	Y DE	LAWA	RE UNIT 490	25
														1				on Block and	Survey
At top	prod. inter	val re	ported	below	SAME										or A			119S-R29E	
At tot	al depth Sa	AME.												1	. Coun	ty or l	Parish	13. State	
14. Date	_ <u></u>			lis p	ate T.D. Reac			16	. Date Co	mpleted				ED		ations	(DE I	NM RKB, RT, GL	
14. 17800	Spunden			13. 0	auc I.D. Reac	IICU		1		RA [idy to	Prod.	1.	r. Biev	arions	(DI,	KKD, KI, GD	,
12-07-05				12-17-	05									333	7 GL				
18. Total					19.1	Yug Back T.			_	İ	20. 1	Depth	Bridge l	Plug Set		ID.			
21 Time F		VD 4		nical I c	oo Pun (Suhr	nit copy of ca		VD 452	9		22 1	Was	vell cor	-42	✓ No	VD) Vac	(Cub-it analy	
21. Type C		Aures 1	AICCIM	ilica ix	iga senti (pani	ant copy at car	CII)						Nell cor OST run'		M M	_		(Submit analy (Submit report	
*See #32													tional Su		Ø No	_	-	(Submit copy)	•
23. Casing	and Line	r Rec	ord (Re	port all	strings set in	well)													
Hole Size	Size/Gr	ade	Wt. (#/R.)	Top (MD)	Bottom (M	(CD)	Stage Co Dep		No. o Type o	f Sks. f Cem	•	Slurry (BB		Cem	ent T	op*	Amount P	ulled
17 1/2	13 3/8/1	I-40	48	#	0	401'					00							Circ	
12 1/4	9 5/8/H	-40	32	3#	0	1518				•	***							Circ	
8 3/4	7/3-5	_	23		00	3214					***							Circ	
6 1/4	4 1/2/3	-55	10.	5#	0	4572				**	****							Circ	
	+					 	\dashv												
24. Tubing	Record					<u> </u>				L		L							
Size	Depth	Set (MD)	Packer	Depth (MD)	Size		Depth Se	t (MD)	Packer I)epth (MD)	Si	ze	Dep	th Set	(MD)	Packer Dep	th (MD)
2 3/8		4121			3894'														
25. Produc							-4-		foration										
	Formatio	n			TOP	Bottom		Per	rforated I			S	ize	No. 1	loies	<u> </u>		Perf. Status	
A) Delawa B)	re "C"						-		4212-42		\rightarrow		.4	2		├		Open	
C)							-+		4198-42	08	-		.4		1	├		Open	
D)				+-		 	_		·····						R	EC	EJV:	<u></u>	
27. Acid,	Fracture, T	reatmo	ent, Ce	ment S	queeze, Etc.														
1	Depth Inter	val							Aı	nount an	d Type	e of M	aterial			CU .	-)06	
4198-4236				3500	gals 15% HCl;	75 bbls of flush	2% HC	1							VŲ,	(J-J:	F_{ij}	EDIA .	
				4															
						x Lead *C* 13.5	ppg, Ta	ail 150 sx	"C" 14.8p	PB									
28 Produ	ction - Inte	nal A			ire 8 sx to pit														
Date First	Test	Hour	. 1	Test	Oil	Gas	Water	<u> </u>	Oil Grav	ity	Gas		Pro	duction	Method				
Produced	Date	Teste	d i	Productio	n BBL	MCF	BBL		Corr. AP	ľ	Grav	vity			AC	CEF	TEC	FOR RE	CORD
1-25-06 Choke	1-26-05		4	14 92	Oil	Gas	4	20 .	C== 0"		177-11	Perk	pu	mp					=
Size	Tbg. Press. Figw.	Cag. Press		24 Hr. Rate	BBL	MCF	Water BBL		Gas: Oil Ratio		Well	l Status			ļ				1
	SI										Proc	ducin	3			F	EB_	1_5 2006	
28a. Produ																			
Date First Produced	Test Date	Hour Teste		Test Productio	on BBL	Gas MCF	Water BBL		Oil Gravi Cort. API		Gas		Pro	duction		ALF	XISC	C. SWOBOI	A
	L	1	- 1	П	l	1	[٠	- {	L	F	PETR	OLE	JM ENGINE	ER
Choke Size	Tbg. Press. Flwg.	Call		24 Hr. Rate	Oil BBL	Ges MCF	Water BBL		Gas: Oil Ratio		Well	Status	<u> </u>			·			
	SI SI		[1 222	1	1		****										

Date First Produced Date Tested Production BBL Gas MCF BBL Corr. API Gas Gravity Gravi	200. F2004	CHOH - HILET	VBIC											
Size Projection Project Proj	Date First	Test	Hours		uction	Oil BBL		Water BBL						
Date Test		Flwg.			<u>.</u> 1	Oil BBL				Well Status				
Delaware Delaware	28c. Produ	ction - Inter	val D											
Size Size					ection						Production Method			
30. Summary of Porous Zones (include Aquifers): Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool opes, flowing and shut-in pressures and recoveries. Formation Top Bottom Descriptions, Contents, etc. Name Top Mess. Deplaware Oil B/Salt 1210 Queen 2654 T/Delaware 3688 ***Circ w/280 ex Lead 11.9ppg, Tail 200ax *C" 14.8ppg, circ 72ax to pid ***Circ w/280 ex Lead 11.9ppg, Tail 200ax *C" 14.8ppg, circ 72ax to pid ****Circ w/280 ex Lead 11.9ppg, Tail 200ax *C" 14.8ppg, circ 72ax to pid ****Circ w/280 ex Lead 11.9ppg, Tail 200ax *C" 14.8ppg, circ 72ax to pid ****Circ w/280 ex Lead 11.9ppg, Tail 200ax *C" 14.8ppg, circ 72ax to pid ****Circ w/280 ex Lead 11.9ppg, Tail 200ax *C" 14.8ppg, circ 72ax to pid ****Circ w/280 ex Lead 11.9ppg, Tail 200ax *C" 14.8ppg, circ 72ax to pid ****Circ w/280 ex Lead 11.9ppg, Tail 200ax *C" 14.8ppg, circ 72ax to pid ****Circ w/280 ex Lead 10.9ppg, Tail 200ax *C" 14.8ppg, circ 72ax to pid ****Circ w/280 ex Lead 11.9ppg Tail 75ax 14.8ppg all *C" circ 16ax to pid Time WOC - 13 3/8" 25 hrx, 9 3/8" 9.5 hrs, 7" 9.5 hrs, 4" 8 hrs Press Testing - 13 3/8" 30 min @ 600 psi, 9 3/8" 30 min 800 psi, 7" 30 min 1400 psi, 4 1/7" 30 min 130. Circle enclosed attachments: 1 Electric al/Ascekanical Logs (1 full set reg'4.) 2 Geologic Report 3 DST Report 4 Directional Survey 5 Sandry Notice for plugging and cement verification 6 Core Analysis 7 Other: Title Production Teeb Name (pleaze print) Mercie 20. Germain Title Production Teeb		Flwg.					Gas MCF			Well Status				
Show all important zones of poronity and contents thereof: Cored intervals and all drill-stems tests, including depth interval tested, cashion used, line tool open, flowing and abai-in pressures and recovering. Formation Top Bottom Descriptions, Contents, etc. Name Top Mens. Depth	29. Dispos	ition of Gas	(Sold use	d for f	uel, v	ented, etc.)							
Delaware Oil B/Salt 1210 Queen 2654 T/Delaware 32. Additional remarks (include plugging procedure): **Hi-Res Luterolog Array Micro-CFL/DR; Three Detector Litho-Density Compensated Neutron/GR; Geology Composite Log FML/GR ***Circ w/280 ax Lead 11.9ppg. Tail 200ax "C" 14.8ppg. circ 72ax to pit ***Circ w/280 ax Lead 11.9ppg. Tail 200ax "C" 14.8ppg. circ 72ax to pit ***Circ w/280 ax Lead 11.9ppg. Tail 200ax "C" 14.8ppg. circ 72ax to pit ***Time WOC - 13 3/8" 25 hrs; 9 5/8" 9.5 hrs; 7" 9.5 hrs; 4" 8 hrs Press Testing - 13 3/8" 30 min @ 600 psi, 9 5/8" 30 min 800 psi, 7" 30 min 1400 psi, 4 1//2" 30 min 130. Circle enclosed attachments: 1 Electrical/Mechanical Logs (1 full set reg'd.) 2 Geologic Report 3 DST Report 4 Directional Survey 5 Sundry Notice for plugging and cement verification 6 Core Analysis 7 Other: 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)* Name (pleaze print) Marcia St. Germain Title Production Tech	Show tests,	all import	ant zones o	of non	sitv a	and conten	ts thereof: C	Cored intervi en, flowing	als and all drill-stem and shut-in pressures	1	on (Log) Markers			
Queen 2654 T/Delaware 2654 T/Delaware 2658 32. Additional remarks (include plugging procedure): "Hi-Res Laterolog Array Micro-CFL/GR; Three Detector Litho-Density Compensated Neutron/GR; Geology Composite Log FMI/GR ***Circ w/280 ax Lead 11.9ppg, Tail 200ax "C" 14.8ppg, circ 72ax to pit ****Circ w/280 ax Lead 11.9ppg, Tail 150ax 14.8ppg, circ 72ax to pit ****Circ w/280 ax Lead 11.9ppg, Tail 150ax 14.8ppg, circ 72ax to pit ****Circ w/280 ax Lead 11.9ppg, Tail 150ax 14.8ppg, circ 72ax to pit ****Corre of 1st stage 113ax Lead 11.9ppg Tail 150ax 14.8ppg all "C" ****Corre of 1st stage 113ax Lead 11.9ppg Tail 150ax 14.8ppg all "C" ****Corre of 1st stage 113ax Lead 11.9ppg Tail 75ax 14.8ppg all "C" ****Corre of 1st stage 113ax Lead 11.9ppg Tail 75ax 14.8ppg all "C" ****Corre of 1st stage 113ax Lead 11.9ppg Tail 150ax 14.8ppg all "C" ****Corre of 1st stage 113ax Lead 11.9ppg Tail 75ax 14.8ppg all "C" ****Corre of 1st stage 113ax Lead 11.9ppg Tail 75ax 14.8ppg all "C" ****Corre of 1st stage 113ax Lead 11.9ppg Tail 75ax 14.8ppg all "C" ****Corre of 1st stage 113ax Lead 11.9ppg all "C" ****Corre of 1st stage 113ax Lead 11.9ppg Tail 75ax 14.8ppg all "C" ****Corre of 1st stage 113ax Lead 11.9ppg Tail 150ax 14.8ppg all "C" ****Corre of 1st stage 113ax Lead 11.9ppg all "C" ****Corre of 1st stage 113ax Lead 11.9ppg all "C" ****Corre of 1st stage 113ax Lead 11.9ppg all "C" ****Corre of 1st stage 113ax Lead 11.9ppg all "C" ****Corre of 1st stage 113ax Lead 11.9ppg all "C" ****Corre of 1st stage 113ax Lead 11.9ppg all "C" ****Corre of 1st stage 113ax Lead 11.9ppg all "C" ****Corre of 1st stage 113ax Lead 11.9ppg all "C" ****Corre of 1st stage 113ax Lead 11.9ppg all "C" ****Corre of 1st stage 113ax Lead 11.9ppg all "C" ****Corre of 1st stage 113ax Lead 11.9ppg all "C" ****Corre of 1st stage 113ax Lead 11.9ppg all "C" ****Corre of 1st stage 113ax Lead 11.9ppg all "C" ****Corre of 1st stage 113ax Lead 11.9ppg all "C" ****Corre of 1st stage 113ax Lead 11.9ppg all "C" ****Corre of 1st stage 113ax Lead	Form	ation	Тор	Вс	ottom		Descr	iptions, Con	ienis, etc.		Name	Top Meas. Depth		
*Hi-Res Laterolog Array Micro-CFL/GR; Three Detector Litho-Density Compensated Neutron/GR; Geology Composite Log FMI/GR. ***Circ w/280 ax Lead 11.9ppg, Tail 200sx "C" 14.8ppg, circ 72sx to pit ****Circ w/280 ax Lead 11.9ppg Tail 150sx 14.8ppg all "C"; cmt'd 2nd stage 120sx Lead 11.8ppg Tail 75sx 14.8ppg all "C" *****Circ w/280 ax Lead 11.9ppg Tail 150sx 14.8ppg all "C"; cmt'd 2nd stage 120sx Lead 11.8ppg Tail 75sx 14.8ppg all "C" ******Circ w/280 ax Lead 11.9ppg Tail 150sx 14.8ppg all "C"; cmt'd 2nd stage 120sx Lead 11.8ppg Tail 75sx 14.8ppg all "C" ******Circ w/280 ax Lead 11.9ppg, Tail 200sx "C" 14.8ppg all "C"; cmt'd 2nd stage 120sx Lead 11.8ppg Tail 75sx 14.8ppg all "C" ******Circ w/280 ax Lead 11.9ppg, Tail 200sx "C" 14.8ppg all "C"; cmt'd 2nd stage 120sx Lead 11.8ppg Tail 75sx 14.8ppg all "C" ******Circ w/280 ax Lead 11.9ppg, Tail 200sx "C" 14.8ppg all "C"; cmt'd 2nd stage 120sx Lead 11.8ppg Tail 75sx 14.8ppg all "C" ******Circ w/280 ax Lead 11.9ppg, Tail 200sx "C" 14.8ppg all "C"; cmt'd 2nd stage 120sx Lead 11.8ppg Tail 75sx 14.8ppg all "C" ******Circ w/280 ax Lead 11.9ppg, Tail 200sx "C" 14.8ppg all "C"; cmt'd 2nd stage 120sx Lead 11.8ppg Tail 75sx 14.8ppg all "C" ******Circ w/280 ax Lead 11.9ppg, Tail 200sx Tail 200sx Lead 11.8ppg Tail 75sx 14.8ppg all "C" *****Circ w/280 ax Lead 11.9ppg, Tail 200sx Lead 11.8ppg Tail 75sx 14.8ppg all "C" *****Circ w/280 ax Lead 11.9ppg Tail 75sx 14.8ppg all "C" *****Circ w/280 ax Lead 11.8ppg Tail 75sx 14.8ppg all "C" *****Circ w/280 ax Lead 11.8ppg Tail 75sx 14.8ppg all "C" ****Circ w/280 ax Lead 11.8ppg Tail 75sx 14.8ppg all "C" ****Circ w/280 ax Lead 11.8ppg Tail 75sx 14.8ppg all "C" ****Circ w/280 ax Lead 11.8ppg Tail 75sx 14.8ppg all "C" ****Circ w/280 ax 14.8ppg all "C" ***Circ	Dels	aware						Oil			Queen	2654		
Λ	*Hi-Res I ***circ w/ ****cmt'd *****Cmt'd *****Cmt'd *****Circle 1 El 5 Su	aterolog April 280 ax Leas 1st stage 1 d w/200ax 1 C - 13 3/8" enclosed at a cetrical/Metandry Notice	tray Micro d 11.9ppg, 15sx Lead 11.9 Lead c 25 hrs; 9 5. ttachments chanical Le	CFL/6 Tail 2 11.9pp & 1006 /8" 9.5 : ogs (1 ng and	OR; To OOsx ' OOsx ' Taisx Tais hrs; ' full se I ceme	"C" 14.8pp il 150sx 14 il 13.0ppg : 7" 9.5 hrs; et req'd.)	g, circ 72sx; 8ppg all "C", circ 1 4" 8 hrs Pre	to pit "; emt'd 2nd 16sx to pits ss Testing - Geologic Rep Core Analysi	stage 120sx Lead 11. 13 3/8" 30 min @ 600 port 3 DST Resis 7 Other:	8ppg Tail 75sx 0 psi, 9 5/8" 30 eport 4 1	14.8ppg all "C" min 800 psi, 7" 30 min 1400 ps Directional Survey			
Signature Micie St. German Date 2-7-06	Name	: (please pri	int) Marcie	St. Gen	main				Title Production	on Tech				
	Signa	ture	Mcci	<i></i>	4	Sen	nour		Date 2-7-06					

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212 make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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NO. OF COPIES RECEIVED	3				Form C-1	
DISTRIBUTION			R	ECEIVED	Supersedi C-100 ===	
SANTA FE	1	NEW MEX	ICO OIL CONSER	ATION COMMISSION	C-102 and Effective	
FILE	1 -					
U.S.G.S.				FEB 2 4 1972	5a. Indicate	Type of Lease
LAND OFFICE				- 4 13/2	State X	Fee _
OPERATOR					5, State Oil	6 Gas Lease No. L-3355
	<u> </u>	ı		D. C. C.		L-3355
(00 NOT USE THIS FO	SUNDR	Y NOTICES AND R		LLS TO A DIFFERENT RESERVOIR. OPOSALS.)		
1. OIL X GAS		TON FOR FERMIT - (FORF	A C-101) FOR SUCH PR	OPUSALS.)	7. Unit Agree	ement Name
2. Name of Operator	<u> </u>	OTHER-			8, Farm or L	ease Name
THE PE	TROLI	EUM CORPORA	ATION /		Petco St	tate Com.
3. Address of Operator 3303 Let	Park	way, Dallas, 7	Texas 75219		9. Well No.	2
4. Location of Well	(660	South	1980	Parkway	Pool, or Wildcat Wolfcamp
UNIT LETTER		_	HE		TTTTT TOP T	
West L	INE, SECTIO	26 on row	NSHIP	RANGE	_ NMPM.	
		15. Elevation	n (Show whether DF, GL-3340	RT, GR, etc.)	Eddy	
16.	Check	Appropriate Box T	o Indicate Natu	re of Notice, Report	or Other Data	
NOTIC		NTENTION TO:			QUENT REPORT	OF:
PERFORM REMEDIAL WORK]	PLUG A	ND ABANDON RE	MEDIAL WORK		LTERING CASING
TEMPORARILY ABANDON	์ โ			MMENCE DRILLING OPNS.	===	UG AND ABANDONMENT
PULL OR ALTER CASING	1	CHANGE	PLANS CA	SING TEST AND CEMENT JOB		ليبيا
_	-		<u> </u>	OTHER		
OTHER						
17. Describe Proposed or Co						
Loaded hole w/s Set bridge plug Shot 4-1/2" cas Set 50 sack cem Shot 8 5/8" cas Set 35 sack cem Set 35 sack cem Set 35 sack cem Set 10 sack cem D. Installed 4 inch Prepare to	at 9550 ing at nent pluent plu	0' & dump 8 sp 5500' & pulled ug 5505 to 540 ug 3850 to 375 1012 feet and pug 1072 to 972 ug 640 to 540 for ug at surface.	1 5500' of 4-1 5 feet. 0 feet. pulled 1012 for feet. feet.	l/2" casing.	·	
18. I hereby certify that the i	nformation	above is true and compl		knowledge and belief. oleum Engineer	R	eb. 21, 1972
SIGNE		~~	TITLE		DATE A	
APPROVED BY	, CM	Carres	ن خانون TITLE	inu she inspector	DATE	JUN 1 4 1972

	•							
Submit 3 Copies To Appropriate District Office	State of New Mexico	Form C-103						
District I 1625 N. French Dr., Hobbs, NM 88240	Energy, Minerals and Natural Resources	June 19, 2008 WELL API NO.						
District II	OIL CONSERVATION DIVISION	30-015-26112						
1301 W. Grand Ave., Artesia, NM 88210 District III	1220 South St. Francis Dr.	5. Indicate Type of Lease STATE X FEE						
1000 Rio Brazos Rd., Aztec, NM 87410 District IV	Santa Fe, NM 87505	6. State Oil & Gas Lease No.						
1220 S. St. Francis Dr., Santa Fe, NM 87505	S. St. Francis Dr., Santa Fe, NM							
SUNDRY NOTICE	ES AND REPORTS ON WELLS	7. Lease Name or Unit Agreement Name						
(DO NOT USE THIS FORM FOR PROPOSAL DIFFERENT RESERVOIR. USE "APPLICA"	Parkway Delaware Unit							
PROPOSALS.) 1. Type of Well: Oil Well X Gas	8. Well Number 101							
2. Name of Operator	9. OGRID Number							
St. Mary Land & Exploration Compar		154903						
3. Address of Operator 3300 N. A St., Bldg 7, Suite 200, 1	Midland, TX 79705 OCD-ARTESIA	10. Pool name or Wildcat Parkway; Delaware						
4. Well Location								
Unit Letter O : 3	30feet from theSouth line and	1980feet from theEastline						
Section 26	Township 19S Range 29E	NMPM Eddy County						
	11. Elevation (Show whether DR, RKB, RT, GR, etc. 3326' GR							
Charles 1844, months 1844, months 1845, mont								
12. Check Ap	propriate Box to Indicate Nature of Notice,	Report or Other Data						
NOTICE OF INT	ENTION TO: SUE	SEQUENT REPORT OF:						
	PLUG AND ABANDON REMEDIAL WOF	RK ALTERING CASING						
	— — I	ILLING OPNS. P AND A						
	MULTIPLE COMPL CASING/CEMEN	IT JOB 📙						
DOWNHOLE COMMINGLE								
OTHER:		ry to establish production						
	ted operations. (Clearly state all pertinent details, ar c). SEE RULE 1103. For Multiple Completions: A							
or recompletion.	.,, obs. Ress Tros. For Manaple Completions. Th	· · · · · · · · · · · · · · · · · · ·						
8/22/08 Set RBP @4154'								
8/25/08 - Spot 300 gal 15% NEFE HCL from 4	1050-3790'. POH w/tbg & pkr. Perf 4028'. 4032'. 4036'. 4068'	& 4084' w/2 spf. Set pkr @ 3930'. Break down perfs.						
Acidize w/1500 gals 15% NEFE w/balls for dive 8/26/08 - Swab	ersion.							
8/27/08 - Swab 9/10/08 - RU & Swab								
9/11/08 - Swab	' – 4084'(10 holes) w/27,048 gals XL fluid + 20,036# 16/30 sand	+ 11 513# 16/30 RC sand						
10/1/08 - POH w/ tbg & pkr. 10/2/08 - RIH w/tbg, rods, pump, etc	100 1 (10 10100) 11/2/30 10 gails 1/2 11/14 - 20.05011 10/50 saile							
10/9/08 - Installed/stared pumping unit.		ACCEPTED FOR RECORD						
		OCT 2.9 2003						
		Gerry Guye, Deputy Field Inspector						
		NMOCD-District II ARTESIA						
1) ()	ove is true and complete to the best of my knowled							
SIGNATURE NOW, Ju	Adles TITLE Production Tech	DATE 10/24/2008						
STOTATIONELY STATE	- Tree Houselon room	10/27/2000						
	n E-mail address: <u>dhuddleston@stn</u>	naryland.com _ PHONE:432-688-1789						
For State Use Only								
APPROVED BY:	TITLE	DATE						
Conditions of Approval (if any):								



Form 3100-5 (November 1983) (Formerly 9-331) DEPARTM T OF TH	HE INTERIO	SUBMIT IN TRIPL. (Other Instruction verse side)	OR FA	LEASE DESIGNA	_	B5
SUNDRY NOTICES AND R (Do not use this form for proposals to drill or to d Use "APPLICATION FOR PERMI	REPORTS OF	N WELLS t to a different reservoir	ı	NM2416	_	E NAME
OIL GAS WELL OTHER 2. NAME OF OPERATOR			7.	Parkway D	elaware	Unit
St. Mary Land & Exploration 3. ADDRESS OF OPERATOR	c/o Nance F	Petroleum	9.	wедд. жо. 504		
P. O. Box 7168 - Billings, MT 4. LOCATION OF WELL (Report location clearly and in accordance also space 17 below.) At surface	dance with any Sta	te requirements.*	<u> </u>	Parkway	Delaware	e
660' FSL & 1980' FWL Unit L	_etter N			surver on Sec. 35; T	ARMA	
30-015-26028 3324				Eddy	ARIBH 13. ST	
16. Check Appropriate Box 7	o Indicate Nat					
TEST WATER SHUT-OFF PULL OR ALTER CASE FRACTURE TREAT SHOOT OR ACIDIZA REPAIR WELL (Other)		WATER SHUT-OFF FRACTURE TREATMEN SHOOTING OR ACIDIZE (Other) (Note: Report	T X	ALTERI	ING WELL ING CISING INMENT ² tion on Well og form.)	Х
1/20/00-2/07/00 MIRU WSU. Set stated intervals suspected of having Determined remedial squeeze prior L-80 FJ liner from 4328' to surface out cement & DV tool at 2932' to Pl 4198-4208' with 6 spf (60 holes). ottawa and 26,000# resin coated 20,001.	ng leaks wit to running e. Cement BTD at 4297 Acidize wit /40 ottawa	th Pkr-RBP and liner was not r in two stages w '. Run CBL. F th 1000g 7.5% F	swab to necessar vith 120 Perforat ICL. Fr	o determing ry. Ran 4 sx Class ce Delawar rac with 3	ne inflo 4" 10.46 s "C". re "C" z 36,000#	w. # Drill one 20/40
2/16/00 Tested 19 BO + 160 BW	+ 48 MCFG.	NEO 38 STESIA ST	{BUREAL	MAR 28	##STER 2000	N. N. N. N. N. N. N. N. N. N. N. N. N. N
SIGNED How that the foregoing is true and correct	TITLE0	perations Engi	neer	DATE	3/16/0	0
(This space for Federal or State office use) APPROVED BY CONDITIONS OF APPROVAL, IF ANY:	TITLE	·		DATE		

TITLE COMPLIANCE OFFICER

APPROVED BY:

Conditions of Approval (if any):

DATE **6/18/09**

³ Form 3160-4 (September 2001)

UNITED STATES OCD-ARTESIA DEPARTMENT OF THE INTERIOR DURAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137 Expires: January 31, 2004

MELL	COMPLET	ON OP PE	COMPLETION	ON REPORT	ANDIOG
WELL	COMPLET	IUN UK KE	COMPLEII	UN KEPUK I	AND LUG

Expires: January 31, 200

5. Lease Serial No.
DM 24160

												MM	2410	<u> </u>			
la. Type of	Well [as Well			r Injection W		_			6.	If In	dian, A	Allottee	or Tribe Nam	e.
b. Type of Completion: New Well Work Over Deepen Plug Back Diff. Resvr.								 7	7. Unit or CA Agreement Name and No.								
Other									1	PARKWAY DELAWARE UNIT							
2. Name of Operator										8. Lease Name and Well No.							
St. Mary Land & Exploration										-PDU	-PDU #515						
3. Address 3a. Phone No									clude d	area co	ode)	9. API Well No.					
580 Westlak							(281) 677-7					30-0	15-34	407	SI		
4. Location of Well (Report location clearly and in accordance with Federal requirements)*									10.	. Field	d and	Pool, o	Exploratory				
At surface 1300' FSL, 1675' FWL UL:K RECEIVED									PARKWAY DELAWARE UNIT 49625								
									11	11. Sec., T., R., M., on Block and Survey							
At top prod. interval reported below SAME APR 0 6 2006								or Area SEC 35-T198-R29E									
At total depth SAME							OCU-ARTROIM					12. County or Parish 13. State					
			lis De	e T.D. Reac	had		16. Date Co					EDDY NM					•
14. Date	spuudeu		15. Da	ic 1.D. Reac	IICU		D			ady to	Prod.	17. Elevations (DF, RKB, RT, GL)*					
02-07-06			02-20-0	6			<u> </u>	<u> </u>				331	2' GL	,			
18. Total		D 4600 VD 4600		19. 1	Plug Back T.D	.: MD 4 TVD			20.	Depth	Bridge Pl	lug Set: MD TVD					
21. Type E	lectric & O	ther Mech	anical Log	s Run (Subr	nit copy of each				22.	Was	well core	d? [M N	10 E	Yes	(Submit analy	sis)
		•							1	Was	DST run?		_	10 [=	(Submit report	
*See #32									<u> </u>	Direc	tional Sur	vey?		io [Yes	(Submit copy)	
23. Casing	and Liner	Record (Report all	trings set in	well)	La		T 37.	-£ 01.			 1					
Hole Size	Size/Gra	ıde Wi.	(#/ft.)	Top (MD)	Bottom (MI) Stag	ge Cementer Depth		of Sks. & S		Slurry ' (BBL		Cement Top*			Amount P	ulled
17 1/2	13.3/8/H	-40	48#	0	400'				04	00					17,1.2.	- Cire	.1 (-1
12 1/4	9.5/8/H-	40 3	2.3#	0	1532			<u> </u>	***					7-7	: 3 3/4	Circ	
8 3/4	7/3-55		23#	0	3190			├ ─	****		<u></u>				3.544.	Circ	
6 1/4	4 1/2/J-	55 1	0.5#	0	4597			 	****	{						Circ	
	 	 -				-+		 									
24. Tubing	Record						· · · · · ·	<u> </u>					Щ			<u> </u>	
Size		Set (MD)	Packer	Depth (MD)	Size	Dep	th Set (MD)	Packer	Depth	(MD)	Siz	e	De	pth Se	t (MD)	Packer Dep	th (MD)
2 3/8		1118	1	•		 '				<u>, , , , , , , , , , , , , , , , , , , </u>			+		()	1	
25. Produc	ing Interva	ls				26.	Perforation	Recor	d								
	Formation	3		TOP	Bottom		Perforated Interval			Size		No. Holes			Perf. Status		
A) Delawa	re "C"	····				_	4218-4236				.4 1		19		Open		
B)					· · · · · · · · · · · · · · · · · · ·		4198-4204		.4		7			Open			
<u>C)</u> D)					 		4184-4190			-4			7			Open	
<u> </u>	Fracture Tr	realment (Sement Sc	uceze, Etc.	<u> </u>					ــــــــــــــــــــــــــــــــــــــ				ــــــــــــــــــــــــــــــــــــــ			
	Depth Inter		T	uboze, ixe.			Α	mount	and Tv	pe of h	Asterial						
4193-4264		·	3000	als 15% HCl;	70 bbls of 2% flu	sh											
													*				
			• • cml	'd w/195 ax lea	ad 50/50 POZ C 1	3.5 ppg; te	ail 150 sx C 14.	.8 ppg cir	rc								
			circ	50 sx to surfa	ce												
Date First	ction - Inter	rval A Hours	Test	Oil	Gas	Water	Loace	uita.	10								
Produced	Date	Tested	Production		MCF	BBL					ty		ACCEPTED FOR R			FOR REC	CORD
3-13-06	3-20-06	24		72	30	20					pun					TOTTICE	
Choke Size	Tbg. Press. Flgw.	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL			Well Status Producing		Status						
	รเ											MAR 2 7 2		2 7 2006	1		
28a. Produ	ction - Inte	rval B									<u> </u>	_					7
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gra Corr. A		y Gas Produ Gravity		Prod	luction N	ethod	ALE	XISC	SWORDD	Δ
						500	Con. A	••			ALEXIS C. SWOBODA PETROLEUM ENGINEER						
Choke Size	Tbg. Press.	Call	24 Hr.	Oil	Gas	Water	Gas: Oil	i ·	w	ell Stat	us						
SIZE	Flwg. SI	Press	Rate	BBL	MCF	BBL	Ratio		- {								
/Sag insta	uctions are	l encore t	or additio	al data on n	ext page)												
······································	······· MIN WIN	, or we mix i	~ ~!###}!	m umin oo d	*** AT 1891 ST!												

28b. Produc	tion - Inter	val C										
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method			
Choke Size	Tbg Press Flwg. Sl	Cag. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	Well Status			
28c. Produ	ction - Inter	val D										
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Con. API	Gas Gravity	Production Method			
Choke Size	The Press Flwg. SI	Cag. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	Well Status			
29. Dispos	ition of Ga	s (Sold use	d for fuel, v	ented, etc)							
30. Summary of Porous Zones (Include Aquifers): Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.								m	ion (Log) Markers			
Form	ation	Top	Bottom		Desci	riptions, Con	tents, etc.		Name	Top Meas, Depth		
Dela	ware	4184	4236			Oil			B/Salt	1152		
				5					Tansil	1207		
			Ì						Yates	1460		
		1	Ì						Capitan	1668		
									Queen	2612		
			}					1	Delaware	3708		
				i								
	ional rema			,				 				
circ w *cmt'd *****cmt	/280 sx Les I 1st stage 1 'd w/200 sx	nd 11.9ppg, 15sx Lead 11.9 Lead	Tail 200 sx 11.9ppg Ta & 130 sx T	: "C" 14.8 ₁ iil 115sx 1 `ail 13.0pp	opg, circ 60 s 4.8ppg all "C g all "C", circ	x to pit "; cmt'd 2nd c 27 sx to pit	stage 120sx Lead 1 is	1.8ppg Tail 75sx	posite Log FMI/GR 14.8ppg all "C", circ 36 sx to s 0 min 800psi, 7" 120 min 800p			
33. Circle	e enclosed a	ittachments	s:									
	lectrical/Mo		• .			Geologic Re	-	-	Directional Survey			
5 Si	ındry Notic	e for plugg	ing and cem	ent verific	ation 6	Core Analys	is 7 Othe	r:				
34. I her	by certify	that the for	egoing and	attached in	formation is	complete an	d correct as determi	ned from all avai	lable records (see attached instr	uctions)*		
Nam	e (please pi	rint) Marcie	St. Germain				Title Produc	ction Tech				
Sign	ature	Narcio	<u> St.</u>	Gem	voro		Date 3-21-	06				
Title 18 t	J.S.C. Sect y false ficti	ion 1001 a tious or fra	nd Title 43 udulent stat	U.S.C. Se	ction 1212 m representation	nake it a crim	ne for any person k matter within its juri	nowingly and wi	lifully to make to any departme	ent or agency of the United		

Form 3160-5 (April2004)

UNITEDSTATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

OCD MON	-

FORMAPPROVED OM B No. 1004-0137 Expires; March 31, 2007

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SUNDRY	NOTICES	AND	REPORTS	ON	WELLS
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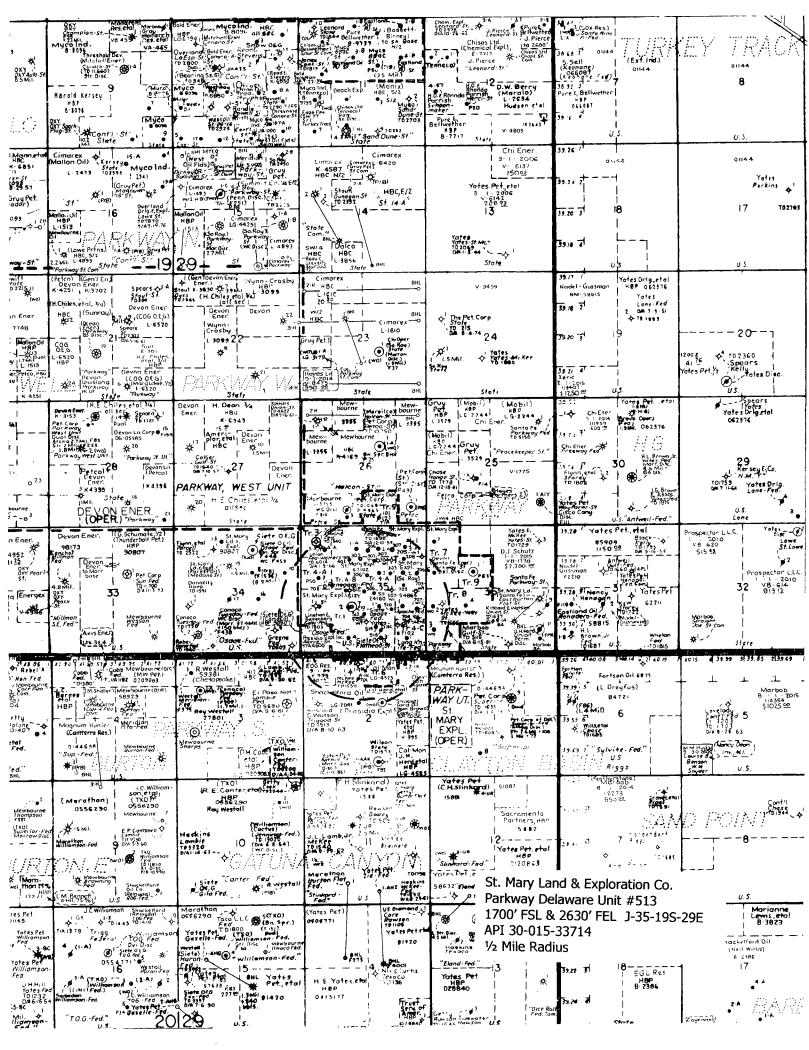
5. Lease Se	rial No.		
. If Indian	, Allottee or Tri	be Name	

SUNDRY	NOTICES AND REPORTS	ON WELLS	
	is form for proposals to drill ell. Use Form 3160-3 (APD) for		6. If Indian, Allottee or Tribe Name
SUBMIT IN TRI	PLICATE - Other instructions	on reverse side.	7. If Unit or CA/Agreement, Name and/or No. NM 88491X
1. Type of Well X Oil Well	Gas Well Other		8. Well Name and No.
2. Nameof Operator St. Mary Land & Explorat	ion Co		Parkway Delaware Unit #206 9. API Well No.
3a. Address		PNo (include area code)	30-015-34128
	, Ste. 200 Midland, TX 797	12) BE C 189 V	10. Field and Pool, or Exploratory Area
	c., T., R., M., or Survey Description)	DES LIVED	Parkway;Delaware
1000 FNL & 2452 FEL; E	i	DEC 31 2009	11. County or Parish, State Eddy
12. CHECK AF	PPROPRIATE BOX(ES)TO INDICA	TE NATURE OF SIMICE,	REPORT, OR OTHER DATA
TYPEOF SUBMISSION		TYPEOF ACTION	
Noticeof Intent		rn Production (SureTreat Reclamation	Start/Resume) Water Shut-Off Well Integrity
X Subsequent Report		Construction Recomplete	Other
Final Abandonment Notice		nd Abandon X Temporarily	
	Convert to Injection Plug B	Back Water Dispos	al
TA wellbore 11/12/09. V conversion to injection c March, 2010. Wellbore 11/9/09 POH w/rods & t 11/10/09 TIH w/ 4 1/2 C inhibitor mixed. Pressur re-pressured wellbore to 11/12/09 Set and got of tested 4 1/2 10.5# wellbore 11/16/09 Successful Mi witness.	y for final inspection.) Vell down with rod part and was andidate. With management a diagram is attached. Sibg SIBP set @ 4102'. Broke circ. are tested wellbore to 600# and conformation of 610#. Lost 70# in 30 min. If CIBP @ 4029' (new PBTD). It core to 600# and charted 34 min. T - BLM & OCD notified. Wither	s uneconomical to repai approval, plan is to conve and displaced 4 1/2" 10.5 charted 30min. test. Los Loaded wellbore w/ 5 bf h. test. Lost 20# to 580#	amation, have been completed, and the operator has r. Has been identified as a possible ent this producer to injector end of 5# wellbore w/ 80 bfw + corrosion at 85#. Tightened all wellhead leaks and w + corrosion inhibitor mixed. Pressure Released pressure & RDMO. nge_NMOCD.ok'd.test.but.did.net.
TA Allroved U.	11.1 /16/2010		A must be submitted.
14. I hereby certify that the foreg Name (Printed/Typed)	going is true and correct	0.0000	
Donna Huddleston		Title Production Te	ch Accepted for mount
Signature (May)	Huddlistn	Date 11/03/2009	NMOCD _{ZZ}
	THIS SPACE FOR FEDERA	AL OR STATE OFFICE	USE
Approved by /s/ J	D Whitlock Jr	Title LPE7	Date 12/24/09
	attached. Approval of this notice does not w I or equitable title to those rights in the subjeto conduct operations thereon.		
Title 18 U.S.C. Section 1001 and Tit	le 43 U.S.C. Section 1212, make it a crime fo	or any person knowingly and willful	ly to make to any department or agency of the United

States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

SUBJECT TO LIKE APPROVAL BY STATE



Form 316(A4 (September 2001)

(See instructions and spaces for additional data on next page)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 200-

 $e_{i,j} \in \mathcal{G}_{i,j}$

WELL COMPLETION OR RECOMPLETION REPORT AND LOG 5. Lease Serial No. V-1576 State Oil Well Gas Well Dry 6. If Indian, Allottee or Tribe Name la. Type of Well New Well

Work Over

Deepen

Plug Back

Diff. Resvr. b. Type of Completion: 7. Unit or CA Agreement Name and No. Other New perfs PARKWAY DELAWARE UNIT 2. Name of Operator 8. Lease Name and Well No. St. Mary Land & Exploration PDU #921 3a. Phone No. (include area code) 3. Address 9. API Well No. 580 Westlake Park Blvd Suite 600 Houston, Tx. 77079 (281) 677-2772 30-015-26070 S1 4. Location of Well (Report location clearly and in accordance with Federal requirements) 10. Field and Pool, or Exploratory PARKWAY DELAWARE UNIT At surface 1980 FNL 330 FEL UL:L 11. Sec., T., R., M., on Block and Survey or Area SEC 36-T19S-R29E At top prod. interval reported below SAME 12. County or Parish 13. State At total depth SAME EDDY NM 16. Date Completed 14. Date Spudded 15. Date T.D. Reached 17. Elevations (DF, RKB, RT, GL)* D&A Ready to Prod. 9-14-04 3-23-89 3-10-89 3333.7 GR 20. Depth Bridge Plug Set: 18. Total Depth: MD 5000 19. Plug Back T.D.: MD 4903 MD TVD 5000 TVD TVD 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) Was well cored? \Box No Yes (Submit analysis) Was DST run? \square No Yes (Submit report) Directional Survey? No Yes (Submit copy) Gamma Trol, Comp Neutron-Gamma Ray CCL 23. Casing and Liner Record (Report all strings set in well) No. of Sks. & Slurry Vol. Stage Cementer Cement Top* **Amount Pulled** Wt. (#/ft.) Hole Size Size/Grade Top (MD) Bottom (MD) Depth Type of Cement (BBL) 17 1/2" 11 3/4" 47 0 415' 795 sx n 9 1/2" 20 0 3200 3835 sx 0 6 1/4" 4 1/2" 10 1/2 4980' 700 sx 24. Tubing Record Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) 2 3/8 4265 26. Perforation Record 25. Producing Intervals Formation TOP **Bottom** Perforated Interval Size No. Holes Perf. Status A) DELAWARE "C" 4294-4310 0.4 17 OPEN B) C) D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval Amount and Type of Material RECEIVED 1400 Gal 15% acid 4294-4310 28. Production - Interval A Water Oil Gravity Corr. API Date First Test Hours Tested Test Oil BBL Gas MCF Gas Gravity Production Method BBL Production Produced Date 9-14-04 9-27-04 24 24 Hr. Rate Water Choke Tbg. Press Oil Gas Gas: Oil Well Status ACCEPTED FOR RECORD BBL MCF Size Figw. BBI. Ratio PRODUCING 28a. Production - Interval B Date First Test Oil BBL Water Oil Gravity Corr. API Test Hours Gas MCF Gas Gravity Production Method AFR 1.1 2:05 Produced Production BBL Choke Size Tbg. Press Call Press 24 Hr Gas: Oil Well Status Gas MCF ALEXIS C. SWOBODA PETROLEUM ENGINEER Flwg. BBL. BBI.

28b. Produ	ction - Inte	rva! C								
Cate First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg Press Flwg. Sl	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status		
28c. Produ	ction - Inte	rval D		<u> </u>			t			
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Thg Press Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status		
29. Disposi	ition of Ga	s (Sold use	ed for fuel, v	ented, etc	.)					
30. Summa	ry of Poro	us Zones (Include Aqu	ifers):				31. Format	ion (Log) Markers	
tests,	all imports including d coveries.	ant zones e epth interv	of porosity a val tested, cu	and conter shion used	nts thereof: (l, time tool o	Cored intervi pen, flowing	als and all drill-sten and shut-in pressure	n S		
Forma	ntion	Тор	Bottom		Desc	riptions, Cont	tents, etc.		Name	Top Meas. Depth
T. S	alt	1048			- <u></u>					Weas. Depth
B. S	alt	1242								
T. Y	ates	1568]
T. Qu	Jeen	2967								
T. San A	Andres	3078						}		
T Delawa	re Sand	3592	ĺ					-		
22 Addition	and remark	o (include	plugging pro	nogdura):						
52. 740. 110		S (morado	Program Pro	, , , , , , , , , , , , , , , , , , ,			,			
	ctrical/Mec	hanical Lo	gs (1 full set			icologic Repo Core Analysis		=	Directional Survey	
34. I hereb	y certify th	at the fore	going and att	ached info	ormation is c	omplete and	correct as determine	d from all avails	able records (see attached instru	ctions)*
Name (please prin	n) Marcie S	t. Germain	·····	· · ·		Title Production	on Tech		
Signatu	ire	Nacc	ie St	.Ge	mau		Date			
T:4- 10 11 6	C Castin	n 1001 on	Title 42 II	C C C1	1313	les is a seiner	£		C 11	

. * 1. .

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212 make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

 $v \in W^{\ast}_{\mathcal{F}}$

Ferm 3160-4 (September 2001)

UNITED STATES 1301 W. Crand Avenue DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTS GER, N.M. 83210

N.M. C. Posto, C. W.C. 20. 2

FOR	M AP	PRC)VE	D
OMB	NO.	1004	-01	37
Evnires.	lanı	iarv	31	2004

 $c_{i,j} \in \{0,1\}$

WELL COMPLETION OR RECOMPLETION REPORT AND LOG 5. Lease Serial No. REVISED V-1576 State 6. If Indian, Allottee or Tribe Name la. Type of Well Oil Well Gas Well Dry New Well Work Over Deepen Plug Back Diff. Resvr. b. Type of Completion: 7. Unit or CA Agreement Name and No. PARKWAY DELAWARE UNIT 2. Name of Operator 8. Lease Name and Well No. St. Mary Land & Exploration PDU #922 3. Address 3a. Phone No. (include area code) 9. API Well No. 580 Westlake Park Blvd Suite 600 Houston, Tx. 77079 (281) 677-2772 30-015-26074 S1 4. Location of Well (Report location clearly and in accordance with Federal requirements)* 10. Field and Pool, or Exploratory PARKWAY DELAWARE UNIT At surface 990 FSL 330 FWL UL:M 11. Sec., T., R., M., on Block and Survey At top prod. interval reported below SAME or Area SEC 36-T19S-R29E 13. State 12. County or Parish At total depth SAME EDDY NM 16. Date Completed 17. Elevations (DF, RKB, RT, GL)* 14. Date Spudded 15. Date T.D. Reached D&A Ready to Prod. 5-2-89 5-15-89 1-6-05 3329' GR 18. Total Depth: MD 5000 19. Plug Back T.D.: MD 4492 Depth Bridge Plug Set: 20. MDTVD TVD TVD 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) Yes (Submit analysis)
Yes (Submit report) 22. Was well cored? \square No Was DST run? \Box No Directional Survey? No Yes (Submit copy) Gamma Ray Gun/CCL Correlation Log 23. Casing and Liner Record (Report all strings set in well) No. of Sks. & Stage Cementer Slurry Vol. Cement Top* **Amount Pulled** Hole Size Size/Grade Wt. (#/ft.) Bottom (MD) Top (MD) (BBL) Depth Type of Cement 17 1/2" 11 3/4" 47 0 365 715 sx 9 1/2" 23 0 3185 2135 sx cir 0 6 1/4" 4 1/2" 10 1/2 0 5000 580 sx circ O 24. Tubing Record Packer Depth (MD) Size Depth Set (MD) Size Depth Set (MD) Packer Depth (MD) Depth Set (MD) Packer Depth (MD) Size 2 3/8" 25. Producing Intervals 26. Perforation Record Formation TOP Bottom Perforated Interval Perf. Status Size No. Holes A) Delaware A & B 4059-4065; 4075-4083; 4121-4126 .4 Open B) 4130-4140; 4158-4168; 4169-4183 .4 Open C) D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc Depth Interval Amount and Type of Material RECEIVED 4059-4065 2000 gal 15% HCl 4121-4168 6000 gal 15% HCl APR 1 2 2005 OCDEMMINE 28. Production - Interval A Date First Hours Oil BBL Gas MCF Oil Gravity Gas Production Method Date Tested Production RRI Gravity Pump 1-6-05 1-21-05 24 14 Choke 24 Hr. Rate Oil Tbg. Press Csg. Gas Water Gas: Oil Well Status ACCEPTED FOR RECORD Size BBL MCF BBL PRODUCING 28a. Production - Interval B Test Date Oil BBL Water BBL Date First Test Gas MCF Oil Gravity Gas Gravity Production Method APR 1 1 2005 Produced Production

24 Hr.

Rate

Oil BB1

Water BBL

Gas: Oil Ratio

Well Status

ALEXIS C. SWOBODA

PETROLEUM ENGINEER

Call Press

Choke Size

Tbg. Press

Flwg. Sl

280. F100u	CHOH - Intel	varc									
Date First Produced	Test Date	Hours Tested	Test Produ	iction	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg Press Flwg. Sl	Csg. Press	24 Hi Rate	, , 7	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status		
28c. Produ	ction - Inter	rval D	<u> </u>		l						
Date First Produced	Test Date	Hours Tested	Test Produ	iction	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr, API	Gas Gravity	Production Method	
Choke Size	The Press Flwg. SI	Csg. Press	24 Hi Rate	r.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status		
29. Disposi	ition of Gas	(Sold use	d for fi	uel, v	ented, etc.)					
SOLD 30. Summa	of Daves	7 (1	l m m l s s d n		:fama):				Ta: 5		
Show tests,	all importa	nt zones o	of poro	sity a	nd conter	nts thereof: (, time tool o	Cored interva	als and all drill-ster and shut-in pressure	m	ion (Log) Markers	
Forma	ition	Тор	Во	ttom		Descr	iptions, Cont	ents, etc.		Name	Top Meas. Depth
T. A	nhy	800									weas. Beput
T. S	-	997						•			
В. S	Salt	1220									
T. Y	ates	1456									
T. 7 R	ivers	1620									
T. San A	Andres	2700									
T Delawa	re Sand	3623									
32. Addition	nal remark	s (include	pluggir	ng pro	ocedure):						
	enclosed attention and attention and attention	hanical Log					Geologic Repo Core Analysis		·	Directional Survey	
34. I hereb	y certify the	at the foreg	going a	nd att	ached info	ormation is c	omplete and	correct as determine	ed from all avail	able records (see attached inst	tructions)*
Name (please prin	t) Marcie S	t. Germ	ain		·····		Title Producti	on Tech		
Signature Marcie St. German											

(Form 3160-4 (9/01), Page 2)



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

GARREY CARRUTHERS

OIL CONSERVATION DIVISION ARTESIA DISTRICT OFFICE September 11, 1989

P.O. DRAWER DD ARTESIA, NEW MEXICO 88210 (505) 748-1283

Santa Fe Energy Operating Partners, L.P. 500 W. Illinois, Suite 500 Midland, TX 79701

Re: Parkway 36 State #5 Sec. 36, T-19S, R-29E

Gentlemen:

One hundred eighty days have elapsed since approval of Division form C-101, Application for Permit to Drill, for the subject well. To date no progress reports, forms C-103 have been received.

Therefore, Division approval of form C-101 has now expired and no drilling operations are to be initiated or continued without further notice to and approval by the Division. Pending such approval, this will be considered an abandoned location.

Very truly yours,

Mike Williams

Supervisor, District II

MW/cw

Post ID-2 9-15-89 Exp. Int.

Form 9-331 a (Feb. 1951)

(SUBMIT IN TRIPLICATE)

UNITED STATES **DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY**

Budget	Bureau No.	42-R358.4
Form A	pproved.	

Losse No. NE. 01523-D

000

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.		SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING.
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR. SUBSEQUENT REPORT OF ABANDONMENT.
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY
Final Report On Plugged Well	X	

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	IX.
NOTICE OF INTENTION TO PULL OR ALTER CASING	.]	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		***************************************	
Final Report On Plugged Vell	X.		
(INDICATE ABOVE BY CHECK MAR	K NA	TURE OF REPORT, NOTICE, OR OTHER DATA)	
	~~	Cotober 8	19 62
Fan American Well No. 1 is located 330 ft. from	n {	$\left\{ egin{array}{l} M \\ S \end{array} \right\}$ line and 330. ft. from $\left\{ egin{array}{l} E \\ W \end{array} \right\}$ line of sec	. 34
5755 596. 34 19-5 (% Sec. and Sec. No.) (Twp.)	(Po	9-E New Parts	
W11dest Edd' (Field) (County	or Su	New exico bdivision) (State or Territory)	
(State names of and expected depths to objective sands; show as ing points, and all PLUGGING Filled Hole with pit mud it Hole was filled with Read; Used collar buster and know Fulled 129° of 8 5/8" surificient was filled with pit it Regulation Marker and 20° Location has been cleaned inspection	In fro fac fac an	FURNATION m 1485-1555 ix concrete from 212-1485 of ed off 8 5/8" casing 0.100 e casing from 20-212 ment plug was set at surface	State State Land
I understand that this plan of work must receive approval is	n writ	ing by the Geological Survey before operations may be come	nenced.
Address Box 5305		Λ	
			Λ
Midland, Texas		By James I Lamb Title Curror	4
		Title ()	•
		I ILIC	

Redbeds, Sand & Gravel

OLD | MARK

416

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	111.00 113 - P&A	
September 15	62	
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the state of the s		
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	2 1/7.7	
	HISTORY OF	OIL OR GAS
is of the greatest importance to		

16-43094-2 1. S. GOVERNMENT PRINTING OFFICE

WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or arrivages were put in to test for water, state kind of material used, position, and results of pumping or bailing.

```
Well was spudded: August 31, 1962
  Encountered water sand: 160-170 Balled 4 ballers per hour
 Ran 592' of 8 5/8" casing and cemented with 50 sacks
  Slight Show 011 5 Gas 1391-1404
                                    Bailed 3 gallons water with slight
          160
                      170
                                    scum oil on 2 hour test
  Slight Show Cil & Gas (1442-1555
                                    "Bailed 169 gallons salt water per
                                    hour on 2 hour test
🐎 Bailed 16} gallond salt water pershour @ 1467
  Bailed 14g gallong salt water per hour @ 1510
  Reached Total Depth of 1555' on September 15, 1962
  Well was glugged and abandonend on September 20, 1962
  Plugging Information at the con-
```

Filled hole with pit mud from 1485-1555 Hole was filled with Ready Mix Condrete from 212-1485 Used Collar Buster and knocked off 8.5/8" casing 129' Fulled 129' of 3.5/8" surface casing cause. Hole was filled with pit mud from 20'-212' Regulation marker and 10 sack coment flug was set at surface

RECEIVED

FEB 1 5 1091

O. C. D. ARTESIA, OFFI E

February 7, 1991

Siete Oil & Bas Corporation P. O. Box 2523 Roswell, NM 88202-2523

Gentlemen:

Your Application for Permit to Drill, Deepen or Plug Back (APD) for the Osage Federal No. 11 and No. 12, Lease No. NM-24160, Section 34 T. 19 S., R. 29 E., have been cancelled.

The APD is considered expired if drilling activity has not commenced within one year after approval. Should you desire to drill this well at a later date, you will be required to re-submit the proper forms for approval.

Sincerely,

Richard L. Manus Area Manager

Rufen,

cc: RDO

NMOCD (Artesia/Hobbs)

Part ID-2 2-23-91 Exp Int

NO. OF CUPIES HECEIVED			18 / m - mm	· .	30-01	15-23/2/
DISTRIBUTION	. NEW	MEXICO OIL CON	SERVATION COMMESK		Orm C-101 Revised 1-1-65	·
SANTA FE	+			_	5A. Indicate T	Yne al Louis
U.S.G.S.	 		SEP 221	987	STATE X	·
LAND OFFICE					5. State Oil 6	Gas Loase No.
OPERATOR			AMENDED C.C.D		в-9739-	15
1001104510		36	colio ARTESIA, CHE	306		
APPLICATIO	N FOR PERMIT TO	DRILL, DEEPER	I, OR PLUG BACK		7. Unit Agreer	ment Name
b. Type of Well DRILL X		DEEPEN	PLUG	BACK	8. Farm or Lea	ase Name
WELL WELL X	0./HER		SINGLE ML	ZONE	State H	L - 2
2. Name of Operator					g. Well No.	
Tenneco Oil	l Company					T
1	Ton Blad Suit	e 200 North	San Antonio, TX	78213 X		Pool, or Wildcut ey Track Morro
4 Location of Well					mm.	mminin
UNIT LETTE	R LOC	ATEO	FEET FROM THE WE	STLINE		
AND 1980 PEET FROM	THE North UN	IE OF SEC. 2	TWP. 19 RGE.	29 нмрм		
					12. County	
				<i>HHH</i>	Eddy	Hillithin
HHHHHH	HHHHH		19. Proposed Depth	19A. Formation	mi	20. Rotary or C.T.
			11,700'	Morrow		Rotary
21. Elevations (Show whether DF.		6 Status Plug. Bond	1 -		1	Date Work will start
3392.4 GL	Blanke	t #248-074	Parker #34		October	1, 1981
43.	F	PROPOSED CASING A	ND CEMENT PROGRAM			
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FO	OT SETTING DEPTH	1 SACKS OF	CEMENT	EST. TOP
17 1/2"	13 3/8"	48# H-40	300'	305 sx		Circulated
12.1/4"	9_5/8"	32# K-55	2800'	767 sx	s	Circulated
8 1/2"	5 1/2"	17# N-80	11700'	823 sx	s	Top at 8000'
'		i Tani i		/ ! !		
		3/8" surface	casing to 300' +	/- Drill '	w/rw spuc	i mud and
cement w/good re 2. Log BOP checks :		report. Dril	1 12 1/4" hole t	o 2800' +	/- w/10 r	opa brine.
Run 9 5/8" csg	to 2800'+/- and	cement to su	rface with 700+	sxs of Cl	ass "C".	-F9
			n Wolfcamp carbo			
			system as requir			
the Atoka at ap			d while continui	ng 8 1/2"	nore to	cob or
			pper Morrow sand	at + 112	70'.	1
5. Continue drilli	ng 8 1/2" hole	to TD at 1170	0'. Control wat	er löss a	t 10cc ar	nd keep 🐃 💮
KCL at 5% to pro	otect the Morro	w formation (estimated top of	Morrow a	t 11100')	20
6. Log in accordance	ce with Geologi	cal Prognosis	and subsequent			DAYS
7. Run 5 1/2" prod 8. Gas is not dedic		or PaA.		PERMIT EXP		
o. das is not acui-	Saccu.			UNLESS DE	ALLING UN	DERWAY
IN ABOVE SPACE DESCRIBE PRI		PROPOSAL IS TO DEEPE	H OR PLUG BACK, GIVE DATA	ON PRESENT PROI	DUCTIVE ZOHE A	ND PROPOSED NEW PRODU
I hereby certify that the information		lete to the heat of my	knowledge and hellef			······································
W. L.		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
Signed Skuta Sk	sy	Title Produ	ction Analyst		ne_Septe	mber 18, 1981
(This space for S	itate Use)					
110	La soll				CLU	2 2 19x1
APPROVED BY W. C.	Tresset	TITLE SUPE	RVISOR, DISTRICT.		ATE OLI	h 0 1008
CONDITIONS OF APPROVAL, IF	ANYI					

Submit 3 Copies To Appropriate District	State of 1	New Me	xico			m C-103
Office <u>District I</u>	nergy, Minerals	and Natur	ral Resources	WELL ADINO	Revised Marc	ch 25, 1999
1625 N. French Dr., Hobbs, NM 88240				WELL API NO. 30-015-25000		
District II 1301 W. Grand Ave., Artesia, NM 88210	OIL CONSERV	ATION	1 11 V 1 N 11 N 1 N 1 N 1 N 1 N 1 N 1 N	5. Indicate Type	of Vease	
District III	1220 South	St. Fran	cis Dr.	STATE	FEE !	\neg \mid
1000 Rio Brazos Rd., Aztec, NM 87410 District IV	Santa Fe	, NM 87	505	6. State Oil & C		
1220 S. St. Francis Dr., Santa Fe, NM				B-7717		
87505 SUNDRY NOTIC	ES AND REPORTS OF	N WELLS		7. Lease Name of	or Unit Agreeme	ent Name
(DO NOT USE THIS FORM FOR PROPOSA	LS TO DRILL OR TO DEED	PEN OR PLU	JG BACK TO A			
DIFFERENT RESERVOIR. USE "APPLICA" PROPOSALS.)	TION FOR PERMIT" (FOR	M C-101) FO	R SUCH	Tenneco	State	ĺ
1. Type of Well:				101111000		
· · · · · · · · · · · · · · · · · · ·	Other					
2. Name of Operator				-		
Melvin or Kathleen Turnbo	W				·	
3. Address of Operator 1724 W. 18 th Portales, NM	f 88130					
4. Well Location						
Unit Letter_C_ : 495	feet from the Nor	th.	line and	2.310' West	line	
Om Bottol	icet from the _ivoi	u1	inic and2	=,5 10 W C3t		
Section 2	Township 1		Range 29E	NMPM	Eddy	County
	10. Elevation (Show w 3,414')		R, RKB, RT, GR, etc.,		Po Comment	
11 Check Ar	opropriate Box to In		ature of Notice. F	Report or Other	Data	
NOTICE OF INT				EQUENT RE		
	PLUG AND ABANDON		REMEDIAL WORK		ALTERING CA	ASING 🗌
TEMPORARILY ABANDON	CHANGE PLANS		COMMENCE DRIL	LING OPNS.	PLUG AND ABANDONME	:NT
PULL OR ALTER CASING	MULTIPLE		CASING TEST AN	D 🗆	, 15, 11, 15, 01, 11, 12	
	COMPLETION		CEMENT JOB			
OTHER:	·····		OTHER:	····		
12. Describe proposed or completed						
starting any proposed work). SEI recompilation.	E RULE 1103. For Mul	tiple Com	pietions: Attach wei	ibore diagram of p	oroposea compi	etion or
recompnation.						
Return well to production.		*				
/						
v. (
I hereby certify that the information a	hove is true and comple	te to the be	est of my knowledge	and belief		
· moree, commy and the investment	· .		,		\wedge	
SIGNATURE	7-B)	TITLE	_Agent	DATE_Ju	ne 1, 199	L
Type or print name Jim Pierce				Telephone No	o. (505) 622-724	46
(This space for State use).	es :	* * * * * * * * * * * * * * * * * * * *	***			
APPPROVED BY		SUPERV	ISOR, DISTRICT II		DATE 2	1 2001
Conditions of approval, if any:		IIILE			DATE	



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

GARREY CARRUTHERS
GOVERNOR

OIL CONSERVATION DIVISION ARTESIA DISTRICT OFFICE

P.O. DRAWER DD ARTESIA, NEW MEXICO 88210 (505) 748-1283

September 23, 1988

Fred Pool Drilling, Inc. P.O. Box 1393 Roswell, NM 88201

> PJ "A" State #10 2-19S-29E Und. Turkey Track SR-O-G-SA

Gentlemen:

One hundred eighty days have elapsed since approval of Division form C-101, Application for Permit to Drill, for the subject well. To date no progress reports, forms C-103 have been received.

Therefore, Division approval of form C-101 has now expired and no drilling operations are to be initiated or continued without further notice to and approval by the Division. Pending such approval, this will be considered an abandoned location.

Very truly yours,

Mike Williams

Supervisor, District II

MW/cw

Post ID-2 10-14-88 Exp. Int.

Submit 3 Copi	ies To Appropriate District	State of Ne	w Mexico	MAR 2 0 2009	Form C-103
District I		Energy, Minerals and	l Natural Resources		May 27, 2004
	h Dr., Hobbs, NM 88240			WELL API NO. 30-015-26444	
District II 1301 W Gran	d Ave., Artesia, NM 88210	OIL CONSERVA		5. Indicate Type of Lease	
District III	zos Rd , Aztec, NM 87410	1220 South St			FEE 🗌
District IV	205 Ku , Aziec, Nivi 67410	Santa Fe, N	IM 87505	6. State Oil & Gas Lease	No.
1220 S St. Fr: 87505	ancis Dr., Santa Fe, NM				
8/303	SUNDRY NO	TICES AND REPORTS ON V	VELLS	7. Lease Name or Unit A	greement Name
		OSALS TO DRILL OR TO DEEPEN		EASTLAND QUEEN UN	
DIFFERENT PROPOSALS		ICATION FOR PERMIT" (FORM C	-101) FOR SUCH	A	
		Gas Well Other		8. Well Number 8	
2. Name of				9. OGRID Number	
	EXPLORATION, IN	C.		1903	
	of Operator	OVERT GOO MEDI AND TW	20201	10. Pool name or Wildca	
		, SUITE 200, MIDLAND, TX	79701	TURKEY TRACK; 7RVI	KS-QU-GB-SA
4. Well Lo					
I .	Letter_H; 2,310	feet from theNORTH			_line
Secti	on 2	Township 19S Rang			
		11. Elevation (Show wheth	er DR, RKB, RT, GR, et	c.)	
Dit as Balance	rade Tank Application 🗌	Son Closure 🗆			
	, , , , , , , , , , , , , , , , , , ,		re i i i i i i i i i i i i i i i i i i i	···	
Pit type	•	waterDistance from nearest			<u> </u>
Pit Liner Thic	kness: mi	il Below-Grade Tank: Volum	ebbls;	Construction Material	
	12. Check	Appropriate Box to India	ate Nature of Notice	e, Report or Other Data	
	NOTICE OF I	NTENTION TO:	611	BSEQUENT REPORT	. 02.
DEDECIDA	REMEDIAL WORK				ING CASING 🗌
	RILY ABANDON	-	I	RILLING OPNS. P AND	
	LTER CASING				<i>.</i>
	_	_	_		
OTHER:				CONVERTED TO INJECTION	
		pleted operations. (Clearly sta			
	tarting any proposed v	vork). SEE RULE 1103. For	Multiple Completions: A	Attach wellbore diagram of pr	oposed completion
01.1	ecompletion.				
_	Vork Completed - EQU #				
08/26/08		ods, pump and 2 3/8" tbg. 2770' of er to 2775'. Set 5 1/2" CIBP on WL			
08/27/08	•	cmt at 1766'. Hesitation sqz'd 7 Rv		•	
08/28/08		02'. Spotted 25sx Class C cmt at 1			
09/03/08	•	oit from 1485' to 1770'. Pressure to (CIBP's at 2350' and 2580' were n	•	JBP at 1900".	
09/04/08		80' and dump bailed 15' cmt on top		ested CIBP to 1300 psi	
00/40/00	Laid down work string.				
09/18/08 11/18/08		.S (Odessa) to be lined w/fiberglas ension pkr, PC SN, and 70 jts of G		Queen perfs (2244'-2294')	
11710700		bbl pkr fluid, set pkr, loaded back	-		
02/27/09	MIT witnessed by F	Richard Inge. Well passed.	Copy of the Chart atta	ched	
02.200	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	monara mgo. Tron passea.	opp of the onal catta	onou.	
		n above is true and complete to			
grade tank has	been/will be constructed o	or closed according to NMOCD guid	lelines 🗍, a general permit [🔲 or an (attached) alternative OCI	D-approved plan
	1 1/2	2 1 11/1		, ,	s upproved plan [2].
CICNIATID	E Sall	VIA_O TIT		,	.,
SIGNATUR		F-mail address	LE Engineer	DATEMarch 12, 2009	
Type or print	t name Jack M. Ros		LE Engineer	,	
	t name Jack M. Ros	e E-mail addres	Engineer Engineer Ses: bmartin@beacher	DATEMarch 12, 2009 xp.com Telephone No. (432	
Type or print For State Us APPROVED	t name Jack M. Ros	E-mail addres	Engineer Engineer Ses: bmartin@beacher	DATEMarch 12, 2009	2) 683-6226

ST MARY LAND & EXPLORATION CO PARKWAY DELAWARE UNIT 1/2 Mile Radius Review

St. Mary Parkway Delaware Unit Well #206 API 30-015-34128 Radius

Operator	Lease/Well	API	Location	Drilled	₽	Status
Yates Petroleum Co	Sober-Bez Federal #1	30-015-34334	J-35-20S-29E; 1980 FSL & 1980' FEL	10/22/2005	12,500	Producing
Emmett D White	Federal Hargrave White #1	30-015-03617	H-35-19S-29E; 660' FNL & 660' FEL	11/24/1959	1,688	P&A
Union Oil Company of California	Federal Walter #1-35	30-015-03619	D-35-19S-29E; 660' FNL & 660' FWL	11/21/1955	6,010	P&A
St Mary Land & Exploration Co	Parkway Delaware Unit #501	30-015-25960	J-35-195-29E; 1980' FSL & 1980' FEL	7/18/1988	5,910	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #401	30-015-25985	F-35-195-29E; 1980' FNL & 1980' FWL	9/16/1988	5,800	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #301	30-015-26005	G-35-19S-29E; 1980' FNL & 1980' FEL	11/16/1988	5,000	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #302	30-015-26006	E-35-19S-29E; 2230' FNL & 660' FWL	11/15/1988	5,000	ТА
St Mary Land & Exploration Co	Parkway Delaware Unit #702	30-015-26026	H-35-19S-29E; 1980' FNL & 990' FEL	3/9/1989	4,549	Producing
Siete Oil & Gas Corporation	Renegade Federal #4	30-015-26050	F-35-19S-29E; 1980' FNL & 2094' FWL	2/21/1990		Never Drilled
St Mary Land & Exploration Co	Osage Federal #7	30-015-26051	K-35-19S-29E; 1980' FSL & 2080' FWL	1/25/1989	1,705	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #201	30-015-26063	C-35-19S-29E; 990' FNL & 2310' FWL	4/13/1989	4,550	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #203	30-015-26079	A-35-19S-29E; 890' FNL & 990' FEL	3/22/1989	4,550	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #202	30-015-26083	B-35-19S-29E; 990' FNL & 1980' FEL	4/3/1989	4,550	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #204	30-015-26143	D-35-19S-29E; 990' FNL & 940' FWL	7/13/1989	4,550	Active Injector
Southland Royalty Company	Apache A Federal #5	30-015-26291	D-35-19S-29E; 890' FNL & 840' FWL	1/23/1990	1,540	P&A
St Mary Land & Exploration Co	Parkway Delaware Unit #303	30-015-27445	F-35-19S-29E; 1420' FNL & 2500' FWL	5/17/1993	4,800	Active Injector
St Mary Land & Exploration Co	Parkway Delaware Unit #506	30-015-27464	J-35-19S-29E; 2635' FSL & 2640' FEL	6/6/1993	4,750	Active Injector
Siete Oil & Gas Corporation	Parkway Delaware Unit #509	30-015-28136	J-35-19S-29E; 2630' FSL & 1485' FEL	7/21/1994	:	Never Drilled

				Data		
Operator	Lease/Well	API	Location	Drilled	T)	Status
St Mary Land & Exploration Co	Parkway Delaware Unit #304	30-015-29503	G-35-19S-29E; 1485' FNL & 1485' FEL	4/22/1997	4,430	Active Injector
St Mary Land & Exploration Co	Parkway Delaware Unit #507	30-015-29504	G-35-19S-29E; 2628' FNL & 1485' FEL	4/6/1997	4,400	Active Injector
St Mary Land & Exploration Co	Parkway Delaware Unit #205	30-015-30026	H-35-19S-29E; 1330' FNL & 180' FEL	2/16/1998	4,400	Active Injector
St Mary Land & Exploration Co	Parkway Delaware Unit #703	30-015-30027	1-35-19S-29E; 2610' FSL & 430' FEL	2/5/1998	4,400	Active Injector
St Mary Land & Exploration Co	Parkway Delaware Unit #305	30-015-33071	G-35-19S-29E; 2000' FNL & 1564' FEL	11/12/2003	4,550	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #510	30-015-33072	J-35-19S-29E; 1870' FSL & 1480' FEL	11/28/2003	4,553	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #511	30-015-33073	J-35-19S-29E; 2570' FSL & 2225' FEL	10/27/2003	4,550	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #705	30-015-33136	H-35-19S-29E; 2520' FNL & 990' FEL	12/10/2003	4,540	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #306	30-015-33711	G-35-19S-29E; 2090' FNL & 2430' FEL	11/17/2004	4,620	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #512	30-015-33713	K-35-19S-29E; 2615' FSL & 1980' FWL	1/7/2005	2,326	P&A
St Mary Land & Exploration Co	Parkway Delaware Unit #512Y	30-015-33998	K-35-195-29E; 2615' FSL & 1945' FWL	4/17/2005	4,600	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #513	30-015-33714	J-35-19S-29E; 1700' FSL & 2630' FEL	3/29/2005	4,718	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #307	30-015-33712	G-35-195-29E; 1560' FNL & 2060' FEL	1/6/2005	2,230	P&A
St Mary Land & Exploration Co	Parkway Delaware Unit #307Y	30-015-33997	G-35-19S-29E; 1500' FNL & 2060' FEL	4/29/2005	4,600	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #207	30-015-34121	B-35-19S-29E; 995' FNL & 1461' FEL	5/23/2005	4,590	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #402	30-015-34129	F-35-195-29E; 1437' FNL & 1986' FWL	6/9/2005	4,600	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #706	30-015-34408	H-35-19S-29E; 1980' FNL & 430' FEL	1/2/2006	4,600	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #208	30-015-34433	H-35-19S-29E; 1438' FNL & 969' FEL	12/7/2005	4,580	Producing
Mewbourne Oil Company	Petco State #1	30-015-20328	P-26-19S-29E; 760' FSL & 660' FEL	1/17/1989	9,000	Producing
The Petroleum Corporation	Petco State Com #2	30-015-20440	N-26-19S-29E; 660' FSL & 1980' FWL	5/24/1971	10,685	P&A
St Mary Land & Exploration Co	Parkway Delaware Unit #101	30-015-26112	O-26-19S-29E; 330' FSL & 1980' FEL	6/27/1989	4,730	Producing
Mewbourne Oil Company	Petco State #3	30-015-26113	N-26-19S-29E; 330' FSL & 1980' FWL	12/6/1989	4,740	Producing

Ą Date Drilled ฮ Status

St. Mary Parkway Delaware Unit Well #306 API 30-015-33711 Radius

Union Oil Company of California	Federal Walter #1-35	30-015-03619	D-35-19S-29E; 660' FNL & 660' FWL	11/21/1955	6,010	P&A
St Mary Land & Exploration Co	Parkway Delaware Unit #502	30-015-25984	K-35-195-29E; 1980' FSL & 1980' FWL	10/2/1988	5,000	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #401	30-015-25985	F-35-19S-29E; 1980' FNL & 1980' FWL	9/16/1988	5,800	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #301	30-015-26005	G-35-19S-29E; 1980' FNL & 1980' FEL	11/16/1988	5,000	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #302	30-015-26006	E-35-19S-29E; 2230' FNL & 660' FWL	11/15/1988	5,000	TA
St Mary Land & Exploration Co	Parkway Delaware Unit #702	30-015-26026	H-35-19S-29E; 1980' FNL & 990' FEL	3/9/1989	4,549	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #504	30-015-26028	N-35-19S-29E; 660' FSL & 1980' FWL	12/1/1988	5,000	Producing
Siete Oil & Gas Corporation	Renegade Federal #4	30-015-26050	F-35-19S-29E; 1980' FNL & 2094' FWL	2/21/1990	1	Never Drilled
St Mary Land & Exploration Co	Osage Federal #7	30-015-26051	K-35-19S-29E; 1980' FSL & 2080' FWL	1/25/1989	1,705	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #201	30-015-26063	C-35-19S-29E; 990' FNL & 2310' FWL	4/13/1989	4,550	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #203	30-015-26079	A-35-195-29E; 890' FNL & 990' FEL	3/22/1989	4,550	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #202	30-015-26083	B-35-19S-29E; 990' FNL & 1980' FEL	4/3/1989	4,550	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #204	30-015-26143	D-35-19S-29E; 990' FNL & 940' FWL	7/13/1989	4,550	Active Injector
Southland Royalty Company	Apache A Federal #5	30-015-26291	D-35-195-29E; 890' FNL & 840' FWL	1/23/1990	1,540	P&A
St Mary Land & Exploration Co	Parkway Delaware Unit #303	30-015-27445	F-35-19S-29E; 1420' FNL & 2500' FWL	5/17/1993	4,800	Active Injector
St Mary Land & Exploration Co	Parkway Delaware Unit #506	30-015-27464	J-35-19S-29E; 2635' FSL & 2640' FEL	6/6/1993	4,750	Active Injector
St Mary Land & Exploration Co	Parkway Delaware Unit #304	30-015-29503	G-35-19S-29E; 1485' FNL & 1485' FEL	4/22/1997	4,430	Active Injector
St Mary Land & Exploration Co	Parkway Delaware Unit #507	30-015-29504	G-35-195-29E; 2628' FNL & 1485' FEL	4/6/1997	4,400	Active Injector
St Mary Land & Exploration Co	Parkway Delaware Unit #205	30-015-30026	H-35-195-29E; 1330' FNL & 180' FEL	2/16/1998	4,400	Active Injector
St Mary Land & Exploration Co	Parkway Delaware Unit #508	30-015-30029	J-35-19S-29E; 1350' FSL & 2520' FEL	1/1/1998	4,400	Active Injector
Siete Oil & Gas Corporation	Parkway Delaware Unit #509	30-015-28136	J-35-19S-29E; 2630' FSL & 1485' FEL	7/21/1994	1	Never Drilled

St Mary Land & Exploration Co	Mewbourne Oil Company	The Petroleum Corporation	St Mary Land & Exploration Co	St Mary Land & Exploration Co	St Mary Land & Exploration Co	St Mary Land & Exploration Co	St Mary Land & Exploration Co	St Mary Land & Exploration Co	St Mary Land & Exploration Co	St Mary Land & Exploration Co	St Mary Land & Exploration Co	St Mary Land & Exploration Co	St Mary Land & Exploration Co	St Mary Land & Exploration Co	St Mary Land & Exploration Co	St Mary Land & Exploration Co	St Mary Land & Exploration Co	St Mary Land & Exploration Co	Operator
Osage Federal #10	Petco State #3	Petco State Com #2	Parkway Delaware Unit #208	Parkway Delaware Unit #515	Parkway Delaware Unit #514	Parkway Delaware Unit #402	Parkway Delaware Unit #206	Parkway Delaware Unit #207	Parkway Delaware Unit #307Y	Parkway Delaware Unit #307	Parkway Delaware Unit #513	Parkway Delaware Unit #512Y	Parkway Delaware Unit #512	Parkway Delaware Unit #306	Parkway Delaware Unit #705	Parkway Delaware Unit #511	Parkway Delaware Unit #510	Parkway Delaware Unit #305	Lease/Well
30-015-26178	30-015-26113	30-015-20440	30-015-34433	30-015-34407	30-015-34130	30-015-34129	30-015-34128	30-015-34121	30-015-33997	30-015-33712	30-015-33714	30-015-33998	30-015-33713	30-015-33711	30-015-33136	30-015-33073	30-015-33072	30-015-33071	API
H-34-195-29E; 1980' FNL & 660' FEL	N-26-19S-29E; 330' FSL & 1980' FWL	N-26-19S-29E; 660' FSL & 1980' FWL	H-35-19S-29E; 1438' FNL & 969' FEL	K-35-195-29E; 1300' FSL & 1675' FWL	O-35-19S-29E; 1210' FSL & 2065' FEL	F-35-19S-29E; 1437' FNL & 1986' FWL	B-35-19S-29E; 1000' FNL & 2452' FEL	B-35-19S-29E; 995' FNL & 1461' FEL	G-35-195-29E; 1500' FNL & 2060' FEL	G-35-195-29E; 1560' FNL & 2060' FEL	J-35-19S-29E; 1700' FSL & 2630' FEL	K-35-19S-29E; 2615' FSL & 1945' FWL	K-35-19S-29E; 2615' FSL & 1980' FWL	G-35-19S-29E; 2090' FNL & 2430' FEL	H-35-195-29E; 2520' FNL & 990' FEL	J-35-19S-29E; 2570' FSL & 2225' FEL	J-35-19S-29E; 1870' FSL & 1480' FEL	G-35-19S-29E; 2000' FNL & 1564' FEL	Location
9/15/1989	12/6/1989	5/24/1971	12/7/2005	2/7/2006	11/21/2005	6/9/2005	10/31/2005	5/23/2005	4/29/2005	1/6/2005	3/29/2005	4/17/2005	1/7/2005	11/17/2004	12/10/2003	10/27/2003	11/28/2003	11/12/2003	Date Drilled
9,500	4,740	10,685	4,580	4,600	4,607	4,600	4,600	4,590	4,600	2,230	4,718	4,600	2,326	4,620	4,540	4,550	4,553	4,550	Ū
Producing	Producing	P&A	Producing	Producing	Producing	Producing	ΤA	Producing	Producing	P&A	Producing	Producing	P&A	Producing	Producing	Producing	Producing	Producing	Status

St. Mary Parkway Delaware Unit Well #513 API 30-015-33714 Radius

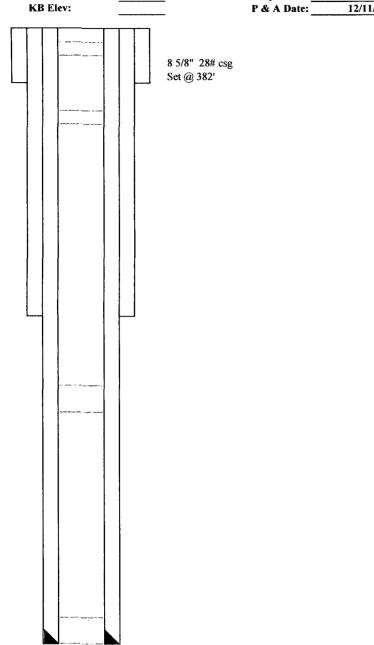
St Mary Land & Exploration Co	St Mary Land & Exploration Co	
Parkway Delaware Unit #921	Parkway 36 State #1	
30-015-26070	30-015-25671	
30-015-26070 L-36-19S-29E; 1980' FSL & 330' FWL	F-36-19S-29E; 1980' FNL & 1980' FWL	!
3/10/1989 5,000	12/3/1986 12,100	-
	12,100	
Producing	Producing	

				,		
Operator	Lease/Well	API	Location	Drilled	₹	Status
St Mary Land & Exploration Co	Parkway Delaware Unit #922	30-015-26074	M-36-19S-29E; 990' FSL & 330' FWL	3/10/1989	5,000	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #923	30-015-26075	K-36-19S-29E; 1980' FSL & 1650' FWL	7/26/1989	5,000	Producing
Santa Fe Energy Operating Partners LP	Parkway 36 State #5	30-015-26076	N-36-19S-29E; 990' FSL & 1650' FWL	2/1/1989	-	Never Drilled
St Mary Land & Exploration Co	Parkway Delaware Unit #901	30-015-26077	E-36-19S-29E; 1980' FNL & 330' FWL	5/11/1989	4,790	Producing
James L Lamb Jr	Pan American #1	30-015-03615	P-34-19S-29E; 330' FSL & 330' FEL	8/31/1962	1,555	P&A
Siete Oil & Gas Corporation	Osage Federal #11	30-015-26188	1-34-195-29E; 2030' FSL & 660' FEL	8/1/1989		Never Drilled
Siete Oil & Gas Corporation	Osage Federal #12	30-015-26201	A-34-19S-29E; 990' FNL & 990' FEL	8/1/1989	1	Never Drilled
Tenneco Oil Company	State HL-2 #1	30-015-23727	F-2-19S-29E; 1980' FNL & 1980' FWL	9/1/1981	ı	Never Drilled
Jim Pierce	Tenneco State #1	30-015-24904	D-2-19S-29E; 990' FNL & 330' FWL	7/24/1984	3,535	Producing
Jim Pierce	Tenneco State #2	30-015-25000	C-2-19S-29E; 495' FNL & 2310' FWL	9/11/1984	3,500	Producing
Robinson Oil Inc	State HL-2 #2	30-015-25070	E-2-19S-29E; 1650' FNL & 330' FWL	11/9/1984	3,298	Producing
Fred Pool Drilling Inc	PJ "A" State #10	30-015-25886	A-2-19S-29E; 990' FNL & 990' FEL	9/1/1988		Never Drilled
Beach Exploration Inc	Eastland Queen Unit #8	30-015-26444	H-2-19S-29E; 2310' FNL & 330' FEL	8/19/1990	3,100	Active Injector
Yates Petroleum Co	Sober-Bez Federal #1	30-015-34334	J-35-20S-29E; 1980 FSL & 1980' FEL	10/22/2005	12,500	Producing
Emmett D White	Federal Hargrave White #1	30-015-03617	H-35-19S-29E; 660' FNL & 660' FEL	11/24/1959	1,688	P&A
Union Oil Company of California	Federal Walter #1-35	30-015-03619	D-35-19S-29E; 660' FNL & 660' FWL	11/21/1955	6,010	P&A
St Mary Land & Exploration Co	Parkway Delaware Unit #501	30-015-25960	J-35-19S-29E; 1980' FSL & 1980' FEL	7/18/1988	5,910	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #401	30-015-25985	F-35-19S-29E; 1980' FNL & 1980' FWL	9/16/1988	5,800	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #301	30-015-26005	G-35-19S-29E; 1980' FNL & 1980' FEL	11/16/1988	5,000	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #302	30-015-26006	E-35-195-29E; 2230' FNL & 660' FWL	11/15/1988	5,000	TΑ
St Mary Land & Exploration Co	Parkway Delaware Unit #702	30-015-26026	H-35-195-29E; 1980' FNL & 990' FEL	3/9/1989	4,549	Producing
Siete Oil & Gas Corporation	Renegade Federal #4	30-015-26050	F-35-19S-29E; 1980' FNL & 2094' FWL	2/21/1990	1	Never Drilled

				Date		
Operator	Lease/Well	API	Location	Drilled	₫	Status
St Mary Land & Exploration Co	Osage Federal #7	30-015-26051	K-35-19S-29E; 1980' FSL & 2080' FWL	1/25/1989	1,705	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #201	30-015-26063	C-35-19S-29E; 990' FNL & 2310' FWL	4/13/1989	4,550	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #203	30-015-26079	A-35-19S-29E; 890' FNL & 990' FEL	3/22/1989	4,550	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #202	30-015-26083	B-35-19S-29E; 990' FNL & 1980' FEL	4/3/1989	4,550	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #204	30-015-26143	D-35-19S-29E; 990' FNL & 940' FWL	7/13/1989	4,550	Active Injector
Southland Royalty Company	Apache A Federal #5	30-015-26291	D-35-19S-29E; 890' FNL & 840' FWL	1/23/1990	1,540	P&A
St Mary Land & Exploration Co	Parkway Delaware Unit #303	30-015-27445	F-35-19S-29E; 1420' FNL & 2500' FWL	5/17/1993	4,800	Active Injector
St Mary Land & Exploration Co	Parkway Delaware Unit #506	30-015-27464	J-35-19S-29E; 2635' FSL & 2640' FEL	6/6/1993	4,750	Active Injector
Siete Oil & Gas Corporation	Parkway Delaware Unit #509	30-015-28136	J-35-195-29E; 2630' FSL & 1485' FEL	7/21/1994	,	Never Drilled
St Mary Land & Exploration Co	Parkway Delaware Unit #304	30-015-29503	G-35-19S-29E; 1485' FNL & 1485' FEL	4/22/1997	4,430	Active Injector
St Mary Land & Exploration Co	Parkway Delaware Unit #507	30-015-29504	G-35-19S-29E; 2628' FNL & 1485' FEL	4/6/1997	4,400	Active Injector
St Mary Land & Exploration Co	Parkway Delaware Unit #205	30-015-30026	H-35-19S-29E; 1330' FNL & 180' FEL	2/16/1998	4,400	Active Injector
St Mary Land & Exploration Co	Parkway Delaware Unit #703	30-015-30027	I-35-19S-29E; 2610' FSL & 430' FEL	2/5/1998	4,400	Active Injector
St Mary Land & Exploration Co	Parkway Delaware Unit #305	30-015-33071	G-35-19S-29E; 2000' FNL & 1564' FEL	11/12/2003	4,550	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #510	30-015-33072	J-35-195-29E; 1870' FSL & 1480' FEL	11/28/2003	4,553	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #511	30-015-33073	J-35-19S-29E; 2570' FSL & 2225' FEL	10/27/2003	4,550	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #705	30-015-33136	H-35-19S-29E; 2520' FNL & 990' FEL	12/10/2003	4,540	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #306	30-015-33711	G-35-19S-29E; 2090' FNL & 2430' FEL	11/17/2004	4,620	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #512	30-015-33713	K-35-19S-29E; 2615' FSL & 1980' FWL	1/7/2005	2,326	P&A
St Mary Land & Exploration Co	Parkway Delaware Unit #512Y	30-015-33998	K-35-19S-29E; 2615' FSL & 1945' FWL	4/17/2005	4,600	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #513	30-015-33714	J-35-19S-29E; 1700' FSL & 2630' FEL	3/29/2005	4,718	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #307	30-015-33712	G-35-19S-29E; 1560' FNL & 2060' FEL	1/6/2005	2,230	P&A

				Date		
Operator	Lease/Well	API	Location	Drilled	ij	Status
St Mary Land & Exploration Co	Parkway Delaware Unit #307Y	30-015-33997	G-35-19S-29E; 1500' FNL & 2060' FEL	4/29/2005	4,600	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #207	30-015-34121	B-35-19S-29E; 995' FNL & 1461' FEL	5/23/2005	4,590	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #402	30-015-34129	F-35-19S-29E; 1437' FNL & 1986' FWL	6/9/2005	4,600	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #706	30-015-34408	H-35-19S-29E; 1980' FNL & 430' FEL	1/2/2006	4,600	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #208	30-015-34433	H-35-19S-29E; 1438' FNL & 969' FEL	12/7/2005	4,580	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #502	30-015-25984	K-35-19S-29E; 1980' FSL & 1980' FWL	10/2/1988	5,000	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #504	30-015-26028	N-35-19S-29E; 660' FSL & 1980' FWL	12/1/1988	5,000	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #508	30-015-30029	J-35-19S-29E; 1350' FSL & 2520' FEL	1/1/1998	4,400	Active Injector

Well Name & No.: Emmitt D White - Federal Hargrave White #1 Field: Wildcat Location: 660' FNL & 660' FEL, Sec 35, T19S, R29E County: Eddy State: NM API#: 30 015 03617 GR Elev: 3325.0 Spud Date: 11/24/59 KB: Compl. Date: 12/09/59 12/11/59



TD: 1688', PBTD:

WELL HISTORY

11/24/59: Spud

Top of Seven Rivers by log is 1657' Encountered strong flow of sulphur water @ 1650'-1688'

Well P&A 12/10/59

Plug #1 - Cmt plug 1638-1688'

- Mudded 1220-1636'

Plug #2 - Cmt plug 1170-1220' - Mudded 450-1170'

Plug #3 - Cmt plug 400-450'

- Mudded 220-400'

Plug #4 - Cmt plug 125-220'

- Mudded to surface

*All info per Sundries on OCD web site

Well Name & No.: Union Oil - Federal Walter #1-35 Field: Wildcat Location: 660' FNL & 660' FWL, Sec 35, T19S, R29E County: Eddy State: NM API#: 30 015 03619 GR Elev: 3319.0 DF Spud Date: 11/21/55 KB: Compl. Date: 12/27/55 KB Elev: P & A Date: 01/10/56 WELL HISTORY 11/21/55: Spud 7 7/8" hole 11 3/4" csg Set @ 152.76' Perforated 4612-4629' Well P&A 1/10/56 Plug #1 - Spotted 25 sx cmt plug 4455-4645' Plug #2 - Spotted 25 sx cmt plug @ 3205-3355' Plug #3 - Spotted 25 sx smt plug @ 1130-1260' Plug #4 - Cmt from surface to 500' *All info per Sundries on OCD web site 8 5/8" csg Set @ 1201.42' 5 1/2" csg Set @ 4700.59

TD: 6010', PBTD:

Well Name & No.: Southland Royalty - Apache A Federal #5 Field: Parkway (Yates) 890' FNL & 840' FWL, Sec 35, T19S, R29E Location: 30 015 26291 API#: County: Eddy State: NM GR Elev: 3311.0 Spud Date: 05/02/90 12/27/55 KB: Compl. Date: 01/24/91 KB Elev: P & A Date: WELL HISTORY 5/2/90: Spud 13 3/8" 48# csg Set @ 220' Well P&A 1/24/91 Plug #1 - Pumped 175 sx Cl "C" w/4% CaCl2; tag @ 995' (1538-995') Plug #2 - Pumped 75 sx Cl "C" 2% CaCl2 275' - surface *All info per Sundries on OCD web site 8 5/8" 24# csg

TD: 1540', PBTD:

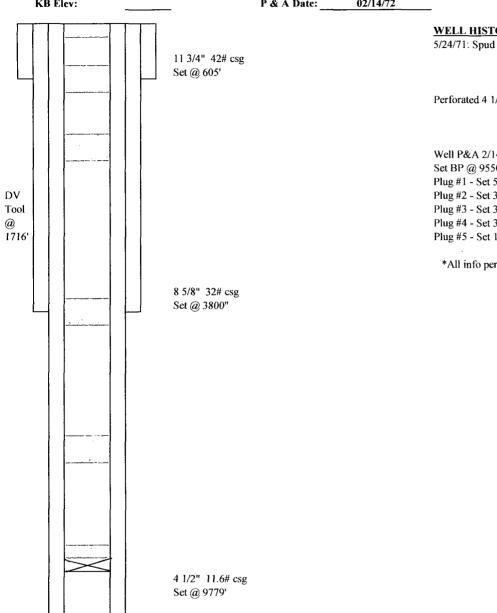
Set @ 1470'

Well Name & No.: St Mary L&E - PDU #512 Field: Parkway Delaware 2615' FSL & 1980' FWL, Sec 35, T19S, R29E Location: 30 015 26291 County: Eddy State: NM API#: 01/07/05 **GR Elev:** Spud Date: 3308.0 KB: Compl. Date: N/A KB Elev: P & A Date: 01/26/05 WELL HISTORY 1/7/05: Spud 17 1/2" hole 13 3/8" 48# csg Set @ 386' Drld to 2326' & became stuck in Capitan Reef Well P&A 1/26/05 Plug #1 - 75 sx Premium Plus + 2% Cacl2 @ 1664-1528' Plug #2 - 150 sx Premium Plus + 2% Cacl2 @ 439-314' Plug #3 - 60 sx Premium Plus + 2% Cacl2 @ 90'-surface *All info per Sundries on OCD web site

TD: 2326', PBTD:

Well Name & No.: St Mary L&E - PDU #307 Field: Parkway Delaware 1560' FNL & 2060' FEL, Sec 35, T19S, R29E Location: County: Eddy State: NM API#: 30 015 26291 GR Elev: 04/29/05 3315.0 Spud Date: KB: Compl. Date: N/A 01/08/05 KB Elev: P & A Date: WELL HISTORY 4/29/05: Spud 12 1/4" hole 13 3/8" 48# csg Set @ 415' Drld to 2230' & became stuck in Capitan Reef Well P&A 1/8/05 Plug #1 - 150 sx Class C + 3% Cacl2 @ 1720-1600' Plug #2 - 120 sx Class C + 4% Cacl2 @ 450-350' Plug #3 - 60 sx Class C + 4% Cacl2 @ 60'-surface *All info per Sundries on OCD web site 9 5/8" 36# csg Set @ 1500" 7" 23# csg Set @ 3220" 4 1/2" 10.5# csg Set @ 4600" TD: 4600', PBTD:

Well Name & No.: The Petroleum Corp - Petco State Com #2 Field: Parkway Wolfcamp Location: 660' FSL & 1980' FWL, Sec 26, T19S, R29E County: Eddy State: NM API#: 30 015 26291 GR Elev: 3340.0 Spud Date: 05/24/71 KB: Compl. Date: 07/05/71 KB Elev: P & A Date: 02/14/72



TD: 10,685', PBTD: 9651'

WELL HISTORY

Perforated 4 1/2" @ 9622-9646' (48 holes)

Well P&A 2/14/72

Set BP @ 9550' & dump 8 sx cmt on top

Plug #1 - Set 50 sx cmt 5505-5405'

Plug #2 - Set 35 sx cmt 3850-3750'

Plug #3 - Set 35 sx cmt 1072-972'

Plug #4 - Set 35 sx cmt 640-540'

Plug #5 - Set 10 sx cmt plug @ surface

^{*}All info per Sundries on OCD web site

Well Name & No.: James L Lamb - Pan American #1 Field: Wildcat 330' FSL & 330' FEL, Sec 34, T19S, R29E Location: County: Eddy State: NM API#: 30 015 03615 GR Elev: 08/31/62 3321.0 Spud Date: Compl. Date: N/A KB: KB Elev: P & A Date: 10/08/62 WELL HISTORY 8/31/62: Spud 8 5/8" 24# csg Set @ 392' Well P&A 10/8/62 Filled hole w/pit mud 1485-1555' Plug #1 - Filled hole w/Ready Mix Concrete 212-1485" Knocked off 8 5/8" csg @ 129' Pulled 129' csg Hole filled w/pit mud 20-212' Plug #2 - 20' cmt plug set @ surface' *All info per Sundries on OCD web site

TD: 1555', PBTD:

Bill Richardson

Governor

Joanna Prukop Cabinet Secretary Reese Fullerton Deputy Cabinet Secretary Mark Fesmire
Division Director
Oil Conservation Division



Administrative Order PMX-251 September 29, 2008

APPLICATION OF ST. MARY LAND & EXPLORATION COMPANY TO EXPAND ITS PRESSURE MAINTENANCE PROJECT IN THE PARKWAY-DELAWARE POOL IN EDDY COUNTY, NEW MEXICO

ADMINISTRATIVE ORDER OF THE OIL CONSERVATION DIVISION

Under the provisions of Division Order R-9822, St. Mary Land & Exploration Company (OGRID No. 154903) has made application to the Division for permission to add additional injection intervals to its Parkway Delaware Unit Well No. 505 in the Parkway Delaware Unit Pressure Maintenance Project located within the Parkway-Delaware Pool (Pool No. 49625) in Eddy County, New Mexico.

THE DIVISION DIRECTOR FINDS THAT:

The application was filed in due form. No objections have been filed within the waiting period prescribed by Division Rule 701(C). The proposed well(s) are eligible for conversion to injection under the terms of Rule 701. The current operator is in compliance with Rule 40.

The proposed expansion of the above-referenced Pressure Maintenance Project will not cause waste nor impair correlative rights and should be approved.

IT IS THEREFORE ORDERED THAT:

The operator of the Parkway Delaware Unit Pressure Maintenance Project is hereby authorized to inject water for purposes of secondary recovery into Cherry Canyon member of the Delaware Mountain Group within the unitized interval [see Division Order No R-9821] of the Parkway Delaware Unit in the following-described well. This well shall be equipped with plastic-lined tubing set in a packer located within 100 feet of the top of the actual injection interval. The maximum allowed surface injection pressure is specified below.



Parkway Delaware Unit Well No. 505 (API No. 30-015-26029)

1980' FŚL, 760' FWL, Unit L, Sec 35, T19S, R29E, NMPM Approved Injection Interval (Perforated): 4,135 to 4,300 feet Maximum Surface Injection Pressure = 1,225 psi (Approved August 27, 2003)

IT IS FURTHER ORDERED THAT:

The operator shall take all steps necessary to ensure that the injected water enters only the permitted injection interval and is not permitted to escape to other formations or onto the surface.

Prior to commencing injection operations into the well, injection casing shall be pressure tested from the surface to the packer setting depth to assure casing integrity.

The casing-tubing annulus <u>shall openly extend to within 100 feet of the top of the injection interval</u> and shall be loaded with an inert fluid and equipped with a pressure gauge at the surface or left open to the atmosphere to facilitate detection of leakage in the casing, tubing or packer.

The injection well or injection system shall be equipped with pressure limiting devices which will limit the wellhead pressure to the maximum surface injection pressure described above.

The Director of the Division may authorize an increase in injection pressure upon a proper showing by the operator that such higher pressure will not result in waste of oil and gas or migration of the injected fluid from the permitted injection interval. Such proper showing shall be accompanied by valid step-rate test(s) run in accordance with and acceptable to this office.

The operator shall notify the supervisor of the Division's district office of the date and time of the installation of injection equipment and of all mechanical integrity tests so that the same may be inspected and witnessed.

The operator shall immediately notify the supervisor of the Division's district office of any failure of tubing, casing, or packer and shall take such steps as may be timely and necessary to correct such failure or leakage.

The subject well(s) shall be governed by all provisions of Division Order No. R-9822 and Rules 702-706 of the Division Rules and Regulations not inconsistent herewith.

PROVIDED FURTHER THAT, jurisdiction is retained by the Division for the entry of such further orders as may be necessary for the prevention of waste and/or protection of correlative rights or upon failure of the operator to conduct operations (1) to protect fresh water or (2) consistent with the requirements in this order, whereupon the Division may, after notice and hearing, terminate the injection authority granted herein.

The injection authority granted herein shall terminate one year after the effective date of this order if the operator has not commenced injection operations into the subject well, provided however, the Division, upon written request by the operator mailed prior to the one year deadline, may grant an extension thereof for good cause shown.

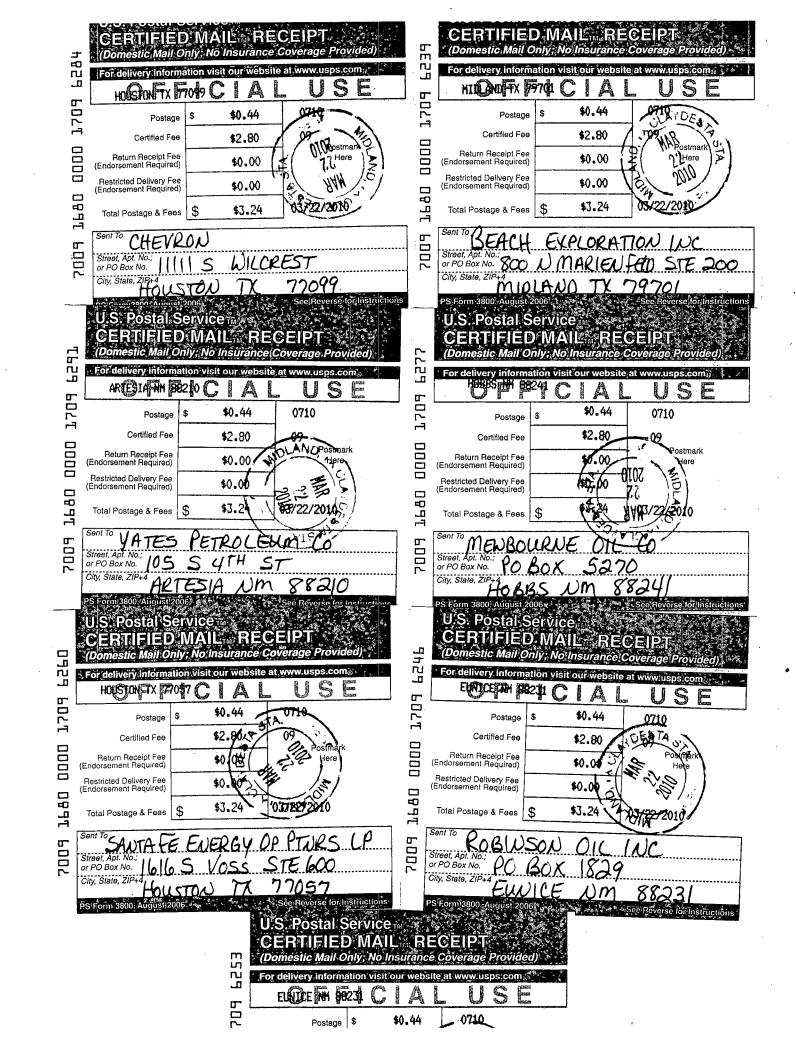
MARK E. FESMIRE, P.E.

Director

MEF/wvjj

cc: Oil Conservation Division – Artesia

Bureau of Land Management - Carlsbad



6253 EUNICE MH 8023 POCI 0000 0710 TA ST4 \$0.44 Postage Certified Fee \$2.80 Return Receipt Fee (Endorsement Required) \$0. Restricted Delivery Fee (Endorsement Required) \$0.00 1680 \$3.24 Total Postage & Fees | \$ 7009 Street, Apt. No.; or PO Box No. City, State, ZIP+4 ENM 88231 PS Form 3800: August 2006 . \

COMPANY: St. Mary Land & Exploration Company Parkway Delaware Unit #206 Parkway Delaware FIELD: **New Mexico** County: Edd State: **Platform Express** Delaware Unit #206 Exploration Schlumberger Three Detector Litho-Densit 000' FNL & 2452' FEL Compensated Neutron / GR 1000' FNL & 2452' FEL Elev.: 3328 ft Land GL. 3316 ft DF. 3327 ft **Ground Level** 3316 ft Permanent Datum: Elev .: Log Measured From: Kelly Bushing 12.0 ft above Perm. Datum Kelly Bushing Drilling Measured From: API Serial No. Section Township Range 30-015-34128 35 198 29E 14-Nov-2005 Logging Date **RunNumber** One Depth Driller 4600 ft Schumberger Depth 4568 ft Bottom Log Interval 4566 ft Top Log Interval 200 ft Casing Driller Size@ Depth 7.000 in @ 3214 ft Casing Schlumberger 3217 ft 6.125 in Bit Size Type Fluid In Hole Brine Density Viscosity 9 lbm/gal 40 s Fluid Loss 15 cm3 10 Source Of Sample Circulation Tank RM @ Measured Temperature 0.205 ohm.m 60 deaF RMF @ Measured Temperature 0.205 ohm.m @ 60 degF (a) RMC @ Measured Temperature @ Source RMF **RMC** Measured RMF @ MRT RM @ MRT 0.140 @ 91 0.140 @ 91 @ 91 degF Maximum Recorded Temperatures 13-Nov-2005 Circulation Stopped Time 22:30 14-Nov-2005 Logger On Bottom Time 05:30 UnitNumber Location 3178 Roswell Recorded By Shawnee Burdick Witnessed By Bob Lynn

COMPANY: St. Mary Land & Exploration Company

WELL: Parkway Delaware Unit #513

FIELD: Parkway Delaware

County: Eddy State: New Mexico

	Đ.	on: 1700' FSL & 2630' FEL	re Unit #513	Exploration Cor		S	chlun	NDCPGCP Thre			hree D	rm Express e Detector Litho-Density pensated Neutron / GR				
	Parkway Delaware			Mary Land &			D' FSL & 26	330' FEL		.,		Elev.:	K.B. G.L. D.F.	3327 ft 3313 ft 3326 ft		
y: Eddy					2	Log	nanent Da Measured ng Measu	from:	rom: Kelly Bushing			Elev.: 3313 ft 14.0 ft above Perm. Datum				
County:		Location:		Company:				erial No. 5-33714				Township Range 19S 29E				
R D S	Run N Depth Schlu	Num h Dr imb	riller erge	er De				13-Apr One 4717 ft 4725 ft	t t							
T	Bottom Log Interval Top Log Interval Casing Driller Size @ Depth							4707 ft 200 ft 7.000 i	in	@	3195 ft			@		
В	Casing Schlumberger Bit Size Type Fluid In Hole							 	in Salt Gel							
Ĭ.	Density V Fluid Loss P Source Of Sample					Viscosit PH	. <u>y</u>	8.8 lbm	m/gal ation Tank	29 s 10					<u>.</u>	
R	RM @ Measured Temperature RMF @ Measured Temperature RMC @ Measured Temperature							0.142 0	ohm.m	@ @ @	71 degF 71 degF			@ @ @		
R	Source RMF RM @ MRT Maximum Record				R ded			0.117 88 deg	@ 88 gF	0.117	@ 88	@	<u>D</u>	@	,	
U R	Logger On Bottom Time Unit Number Location Recorded By						Time	13-Apr-2005 03 3178 Roswell Shawnee Burdick			03:00					
<u> </u>	<u>Vitne</u>	sse	d By	<u>/</u>	—			Bob Lynn								