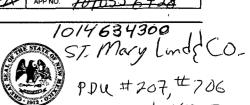
# NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



`	THIS CHECKLIST IS M	ANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS	EOD EYCEDTIONS TO DIVISION	PULES AND REGULATIONS
		WHICH REQUIRE PROCESSING AT THE DIV		RULES AND REGULATIONS  M
Appii		s: ndard Location]  [NSP-Non-Standard Prorat nhole Commingling]      [CTB-Lease Commin		ous Dedication] /
	-	ool Commingling]      [C15-Lease Commin ool Commingling]      [OLS - Off-Lease Storag		
		[WFX-Waterflood Expansion] [PMX-Press [SWD-Salt Water Disposal] [IPI-Inject	sure Maintenance Expans ction Pressure Increasel	sion]
	[EOR-Qua	lified Enhanced Oil Recovery Certification]	<del>-</del>	ion Response]
[1]	TYPE OF AF	PPLICATION - Check Those Which Apply to Location - Spacing Unit - Simultaneous De		< 207
				\ 706 \
	Check [B]	One Only for [B] or [C] Commingling - Storage - Measurement DHC CTB PLC F	PC OLS OLM	1 707
	1W'	Injection - Disposal - Pressure Increase - E	nhanced Oil Recovery PI	日
	[D]	Other: Specify		3 0 57/0
[2]	NOTIFICAT [A]	ION REQUIRED TO: - Check Those Whice Working, Royalty or Overriding Roya		190
	[B]	X Offset Operators, Leaseholders or Surfa	ace Owner	8 Q
	[C]	X Application is One Which Requires Pu	blished Legal Notice	w U
	[D]	Notification and/or Concurrent Appro U.S. Bureau of Land Management - Commissioner of Publ		
	[E]	X For all of the above, Proof of Notificati	on or Publication is Attacl	ned, and/or,
	[F]	Waivers are Attached		
[3]		CURATE AND COMPLETE INFORMATATION INDICATED ABOVE.	FION REQUIRED TO P	PROCESS THE TYPE
	oval is <mark>accurate</mark> a	TION: I hereby certify that the information s and complete to the best of my knowledge. I quired information and notifications are subn	also understand that no ac	
	Note	Statement must be completed by an Individual with	n managerial and/or supervisor	y capacity.
Ann E	E. Ritchie	Much tulado	Regulatory Agent	4/13/10
Print o	or Type Name	Signature	Title	Date
				ann.wtor@gmail.com
			e-mail Address	7 M. C.

# Warnell, Terry G, EMNRD

From:

Donna Huddleston [dhuddleston@stmaryland.com]

Sent:

Monday, May 17, 2010 1:47 PM Warnell, Terry G, EMNRD

Subject:

FW: Additional Wellbore diagrams

Attachments:

1981 001.pdf

Follow Up Flag: Flag Status:

Follow up Flagged

Terry,

I have attached a PDF document that contains the wellbore diagrams you had listed on your fax for the Parkway Delaware Unit injection permit. I am going to be out of my office this afternoon and Friday (I have a son graduating from College this weekend...Yea!!). I called and left you a phone message this morning to see what format you would like to receive the diagrams in. I thought I better get those to you before I left today so I went ahead and am sending them in a PDF format. If this will not work for you let me know and I will get them to you in the format you need or you can email Ann Ritchie to get her to send them to you. If you need anything else just let us know.

Thanks, Donna

Donna Huddleston St. Mary Land & Exploration (432) 688-1789 office (432) 688-1701 fax dhuddleston@stmaryland.com

#### --CONFIDENTIALITY NOTICE--

This email message and any attached documents, files or previous email messages may contain confidential, proprietary, trade secret, or legally privileged information regarding St. Mary Land & Exploration Company and/or one or more of its subsidiaries. If you are not the intended recipient, you are hereby notified that any disclosure, dissemination, distribution, copying or other use of the information contained in or attached to this email message is strictly prohibited. If you have received this email message in error, please immediately notify the sender by telephone or return email and delete the original message and attachments without saving or copying in any manner. Thank you.

Field:	Wildcat				
Location:			Sec 35, T198, R29E	20 015 02/15	<u></u>
County: GR Elev:	Eddy 3325.		NM API #: Spud Date:	30 015 03617 11/24/59	
KB:		<u>,                                     </u>	Compl. Date:		<del></del>
KB Elev:		_	P & A Date:		<del></del>
			1 12 / 17 17 17 17 17 17 17 17 17 17 17 17 17		
					WELL HISTORY
					11/24/59: Spud
		8 5/8" 28# cs	g		
		Set @ 382'	•		
				•	Top of Seven Rivers by log is 1657'
					Encountered strong flow of sulphur water @ 1650-168
	11				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'
	1				- Mudded 220-400'
					Plug #4 - Cmt plug 125-220'
					- Mudded to surface
					*All info per Sundries on OCD web site
	<b> </b>			·	
-11 1	1				
					•
	1				
1   1					

TD: 1688', PBTD:

	Well Name & No.: Field:	Undesign	nated			· · · · · · · · · · · · · · · · · · ·	
	Location:		FSL & 660' FWL, Sec 35, T19S, R29E				<u> </u>
•	County:	Eddy	State:		API #:	30 015 03618	<u> </u>
	GR Elev:	3315.0	<u>)</u>		oud Date:	05/11/60	<del></del>
	KB:		_		pl. Date:	N/A	<del></del>
	KB Elev:		_	PA	A Date: _	05/31/60	
							WELL HISTORY
							WELL HISTORY
			10 3/4" 40#	222			5/11/60; Spud
			Set (i) 169'	csg			
L			Set (1) 109				
•					•		Top of Seven Rivers by log is 1657'
							Encountered strong flow of sulphur water @ 1650'-1688'
			,				ississancica strong now of surplies water (a) 1000 1000
		1 1					
							Well P&A 12/10/59
		11	8 5/8" 24# c	SØ.			Plug #1 - Cmt plug 1150-1100'
			Set @ 264'	~6			- Mudded 1605-1150'
			021 (43 200 1				Plug #2 - Cmt plug 500-425'
							- Mudded 1100-500'
							Plug #3 - Cmt plug 500-surface'
							- Mudded 500-surface'
			7" 14# csg				*All info per Sundries on OCD web site
			Sct @ 435'				
		1					
		1					
						• • •	
			•				
	1 1				•		
							•
		ļ					
		1					

TD: 1605', PBTD:

Well Name & No.: Union Oil - Federal Walter #1-35 Wildcat 660' FNL & 660' FWL, Sec 35, T19S, R29E Field: Location: 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: County: Eddy State: NM API#: 30 015 26291 GR Elev: 3311.0 Spud Date: 05/02/90 KB: Compl. Date: 12/27/55 KB Elev: P & A Date: 01/24/91 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 Set @ 1470'

TD: 1540', PBTD:

Well Name & No.: St Mary L&E - PDU #512 Parkway Delaware 2615' FSL & 1980' FWL, Sec 35, T19S, R29E Field: Location: State: NM API#: County: Eddy 30 015 33713 GR Elev: 3308.0 Spud Date: 05/02/90 KB: 12/27/55 Compl. Date: KB Elev: P & A Date: 01/24/91 WELL HISTORY 5/2/90: Spud 13 3/8" 48# csg Sct @ 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 Set @ 1470'

TD: 1540', PBTD:

Well Name & No.:	St Mary L&E - PDU	# <b>307</b>		
Field;	Parkway Delaware			·
Location:		FEL, Sec 35, T198, R291		****
County:	Eddy State	e: NM API#:	30 015 33712	
GR Elev:	3315.0	Spud Date:	04/29/05	
KB:		Compl. Date:	N/A	<sup>(</sup>
KB Elev:		P & A Date:	01/08/05	<u> </u>
				WELL HISTORY
				4/29/05; Spud 12 1/4" hole
	13 3/8" 48	R# csg		
	Set @ 415	•		
·				
				Drld to 2230' & became stuck in Capitan Reef
	1 1			
				•
	1, 1			
				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
				"All into per sunuries on OCD web site
	9 5/8" 36/	4 acu		
	Set @ 150			
	300 (63 150	V		
			•	
	7" 23# cs	g		
	Set @ 322			
			•	
	1			•
	1			
				•
	4 1/2" 10.			
	Set @ 460	00"		
	1			

TD: 4600', PBTD:

Well Name & No.: The Petroleum Corp - Petco State Com #2

TD: 10,685', PBTD: 9651'

Field: Parkway Wolfcamp Location: 660' FSL & 1980' FWL, Sec 26, T19S, R29E API#: County: Eddy State: NM 30 015 20440 GR Elev: 3340.0 Spud Date: 05/24/71 KB: Compl. Date: 07/05/71 KB Elev: P & A Date: 02/14/72 WELL HISTORY 5/24/71: Spud 11 3/4" 42# csg Set @ 605' 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' DV Plug #2 - Set 35 sx cmt 3850-3750' Tool Plug #3 - Set 35 sx cmt 1072-972' Plug #4 - Set 35 sx cmt 640-540' @ 1716' Plug #5 - Set 10 sx cmt plug @ surface \*All info per Sundries on OCD web site 8 5/8" 32# csg Sct @ 3800" 4 1/2" 11.6# csg Sct @ 9779'

					W DDDDD	LOCHEMAT	<u>~</u>
	Well Name & No.:	Iames I I	amh - Pan a	Merica	n #1		
	Field:	Wildcat	Lame Tan A	America	,,,,		<del></del>
	Location:		& 330' FEL	Sec 34.	T198, R29E		<del></del>
	County:	Eddy	State:		API#:	30 015 03615	<del></del>
	GR Elev:	3321.0			Spud Date:	08/31/62	
	KB:		•		ompl. Date:	N/A	<del></del>
	KB Elev:		•		& A Date:	10/08/62	<del></del>
	•		=	_			<del></del>
							WELL HISTORY
		]   ]					8/31/62: Spud
			8 5/8" 24# c	52			
			Ser @ 392'	-6			
<u>.                                    </u>	1 1 1		0.02				
		1 1					
							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' esg
							Hole filled w/pit mud 20-212'
		1 1					Plug #2 - 20' cmt plug set @ surface'
		1					wall to be used to action and CVOD make the
							*All info per Sundries on OCD web site
		1 }					
		$\vdash$					
		l					
						• • •	
							•
		1				•	

TD: 1555', PBTD:

Well Name & No.: St Mary L&E - Osage Federal #7 Field: Parkway Yates Location: 1980' FSL & 2080' FWL, Sec 35, T19S, R29E County: 30 015 26051 Eddy State: NM API#: GR Elev: 3309.0 Spud Date: 01/25/89 02/14/89 KB: Compl. Date: KB Elev; P & A Date: 05/05/08 WELL HISTORY 1/25/89; Spud 17 1/2" hole 13 3/8" 54# csg 5/5/08: P&A Set @ 350' Plug 1: Tbg @ 1330' - spot 25 sx "C" Plug 2: Tbg @ 636' - spot 45 sx "C" Plug 3: Tbg @ 60' - Circ 10 sx "C" to surface \*All info per Sundries on OCD web site Tag CIBP @ 1330' 5 1/2" 15.5# csg Set @ 1700'

TD: 1705', PBTD: 1668'

### **WELLBORE DIAGRAM PARKWAY DELAWARE UNIT #206**

PEACE POU LOCATION: 1000' FNL & 2452' FEL FIELD: PARKWAY CURRENT STAT. CASED

WEYLDORE

WELL NO 208

SEC: 35 T: 19S R: 29F CT/ST: EDDY,NM Gt - 3316"

KB: 3328' DF: 3327'

13 3/8° 48# J-55 @ 398'

CMT W/ 250 SX LEAD\*C\*13.5ppg

TAIL 150 SX "C" 14.8PPG DID NOT CIRC

TOPPED W/ 390 SX "C"

THRU 1" IN 5 STAGES

Stage coller @ 1460'

9 5/8" 32.2# H-40 @ 1505'

TAIL 200 SX "C" 14.8PPG

CIRC 111 SKS TO PIT

External csg pkn@1496

CIRC. W/ 280 SX LEAD 11.9PPG

CIRC B SX TO SURFACE

API#: 30-015-34128

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

INITIAL FORM: DELAWARE "C"

WELL HISTORY

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

Peri 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 Part 4120-4124, 4128-4136, 4142-4160 1SPF

2/8/06 Acidixe w/3080g 15% HC1

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 Sot RBP at 4170', cmt sqz peris 4120-4160 w/250 sks

9/5/96 Tag cret at 3910', 90 to 4150'. Pull RBP

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

9/11/66 Pert 4210-4214' 5 holes

9/12/06 Set Pkr @ 4170" & acidize perfs w/3000g HCl-saw

pressure on backside, perfs communicated 1/22/07 Went down 100° no fill encountered.

5/16/08 Located pin/coller teak @ 1951.

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

11/12/09 TA wellbure CIBP @ 4102 4 4029

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

7" 23# J-55 @ 3214°

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

CIBP@4029

CIBP@4102\*

UPPER DELAWARE "C" PERFS

4120-24 1 SPF 5 HOLES ORANGE (LWR B) 4128-36 1 SPF 9 HOLES BLUE

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

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

CMTD W/ 200 SX LEAD & 100 SX TAIL 13.6 PPG ALL CLASS C CIRC 40 SX TO PITS

Squeezed 9/1/06 w/250 sks

2BD 4512 FC TD: 4500

Well Name & No.: St Mary L&E - PDU #302 Field: Parkway Delaware Location: 2230' FNL & 760' FWL, Sec 35, T198, R29E API #: Spud Date: County: Eddy 30 015 26006 State: NM GR Elev: 3312.0 11/15/88 KB: Compl. Date: 01/20/89 KB Elev: P & A Date: TA WELL HISTORY 11/15/88: Spud 17 1/2" hole Well TA 5/13/09 13 3/8" 48# csg Set @ 363' POOH & LD all 2 3/8" tubing \*All info per Sundries on OCD web site 8 5/8" 24# & 32# csg Set @ 3202' Sct CIBP @ 4029' - Covered/TA'd perfs 4241'-4294' 5 1/2" 15.5# csg Set @ 5000'

TD: 5000', PBTD: 4298'

Will Jones

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

RECEIVED OCD

2010 APR 16 A 11: 45.

SMX

Re: Administrative Application for Waterflood-Expansion

St. Mary Land & Exploration Co.

Parkway Delaware Unit Well Nos. 206, 207, 306, 513, 706, 707

Dear Mr. Jones:

By two separate submissions, we incorrectly reflected the current perforations from the wellbore diagrams onto the C-108 Injection Application. It is our proposal to be permitted to perforate within the published interval of 3918-4406' on each of the following wells:

PDU #206 change from 4176-4214- to 3918-4406'

PDU #306 change from 4197-4228' to 3918-4406'

PDU #513 change from 4148-4198' to 3918-4406'

PDU #207 change from 4165-4218' to 3918-4406'

PDU #706 change from 4193-4264' to 3918-4406'

PDU #707 change from 4182-4252' to 3918-4406'

pmx-256

Attached please find the current and proposed diagrams with procedures for the second application including well numbers 207, 706 & 707.

We apologize for this mistake and inconvenience caused by this error. Please feel free to contact us with any questions at 432-684-6381. Copies of the this notification will be sent by certified mail to all parties - offset, surface and regulatory this date.

Sincerely,

Ann E. Ritchie Regulatory Agent

St. Mary Land & Exploration Co.

c/o P.O. Box 953 Midland, TX 79702

ann.wtor@gmail.com

**Parkway Delaware PARKWAY DELAWARE UNIT #207** Prospect: Well ID Info: Location: API No: 3001534121 Footage: 995' FNL & 1461' FEL Spud Date: 5/23/2005 Section: 135 Block: 35, 19S R: 29E Survey 13-3/8" 48# J-55 Eddy, NM Surf. Csa: County: Elevations: Set @ 353' 3318 Cement w/ 1995 sx C tail w/180 sx H\* GL: KB: 3329 Circ: yes TOC: KB Calc: 11 25 sx to pit ck w/log? No \* 175 sx thru 1" to get to surface History Ran CBL up to 3500'. Perf 4208-18' (11 holes) 4173-92' (20 holes) 6/22/05 4165-69' (5 holes). Spot 2 bbl on perfs & acidize w/3000g 15% @ 7.7 bpm flushed w/50 bbl 2% . ISIP=570#, 5min=477# 10 min=437#, 15 min=400# Frac w/651.3 bbl + 36,339# 16/30 @ AIR=12.7 bpm & Pavg=2899#. Inter. Csg: 9-5/8" 36# J-55 ISIP=901#, 15 min=819#. Pumped up to 6 ppg. 1488 Set @ Tracer shows frac from 4162-4310'. 85% from ??4074??-4220' Cement w/ 300 sx lead + 250 sx C tail 8/25/05 Circ: yes 5/2/06 Repair pump. Hit fill @4383' 8/18/06 Pump parted. Parted on 8th box down. 9/22/06 10/13/06 Rod part Replaced parted rods and hung new pump. 7/5/07 Parted box 6 rods down. 7/27/07 Inter. Csg: 7" 23# J-55 Set @ 3227 1st stage: 115 sx C Cement w/ 2nd stage: 100 sx lead + 75 sx C tail Bit started drlg out @ 1475' Tubing Detail (top to bottom) Avg JT 32.48 Joints Description Footage Depth 131 2-3/8" 4,255.00 TAC @4094 Rod Detail (top to bottom) Footage Depth 1.800.00 Rods Description 72 7/8" rods 90 3/4" rods 2.250.00 4.050.00 TAC @ 4094 4 200 00 6 1.5" K bars 150.00 1 4 gas anchor 4.00 4,204.00 2X1.5X20 RHBC HVR NP-092 20.00 4,224.00 SN @ 4225 "C" zone 4165-69' 5 holes 4173-92' 20 holes 4208-18' 11 holes Prod. Csg: 4-1/2" 11.6# J-55

rod2lnj\_**&BTD** 

TD

4577'

Set @:

TOC:

Cmt: # of sx

181 sx lead + 81 sx tail all C

circ 2 sx to pit

 $\label{local-windows} C: \label{local-windows} C: \label{local-windows} Temporary internet Files \label{local-windows} Local-Windows \label{local-windows} Local-Windows \label{local-windows} Temporary internet Files \label{local-windows} Local-Windows \label{local-windows} Local-Windows \label{local-windows} Temporary internet Files \label{local-windows} Local-Windows \$ 

Prospect:

# Parkway Delaware

# Proposed WELLBORE DIAGRAM PARKWAY DELAWARE UNIT #207

	Location:
Footage:	995' FNL & 1461' FEL
Section:	35
Block:	35, 19S R: 29E
Survey:	
County:	Eddy, NM
Elevations:	
GL:	3318
KB:	3329
KB Calc:	11
ck w/log?	No

listory	
6/22/05	Ran CBL up to 3500'. Perf 4208-18' (11 holes) 4173-92' (20 holes)
	4165-69' (5 holes). Spot 2 bbl on perfs & acidize w/3000g
	15% @ 7.7 bpm flushed w/50 bbl 2% . ISIP=570#, 5min=477#
	10 min=437#, 15 min=400#
	Frac w/651.3 bbl + 36,339# 16/30 @ AIR=12.7 bpm & Pavg=2899#
	ISIP=901#, 15 min=819#. Pumped up to 6 ppg.
	Tracer shows frac from 4162-4310'. 85% from ??4074??-4220'.
8/25/05	Green pull
5/2/06	Repair pump. Hit fill @4383'
8/18/06	Pump parted.
9/22/06	Parted on 8th box down.
10/13/06	Rod part.
7/5/07	Replaced parted rods and hung new pump.
7/27/07	Parted box 6 rods down.
<del></del>	

	Tubing Detail (top to bottom)	Avg JT	#DIV/0!
Joints	Description	Footage	Depth
		<del> </del>	
	<del></del>	1 +	
		1	

	Rod Detail (top to bottom)			
Rods	Description	Footage	Depth	
		+ -		
	<del></del>	+		
		1		
dated:	7/12/09 BHH			

C:\Users\narvie\AppData\Local\Microsoft\Windows\Temporary Internet Files\Low\Content.IE5\AGTX5U53\[Pkg\_2\_Prod2inj\_PBTD]

Well ID Info:	
API No:	3001534121
Spud Date:	5/23/2005

yes

Surf. Csg: Set @ Cement w/ Circ:

TOC:

13-3/8" 48# J-55 353' 1995 sx C tail w/180 sx H\* yes 25 sx to pit

\* 175 sx thru 1" to get to surface

Inter. Csg: Set @ Cement w/

Circ:

9-5/8" 36# J-55 1488' 300 sx lead + 250 sx C tail

Inter. Csg: Set @ Cement w/ 7" 23# J-55
3227'
1st stage: 115 sx C
2nd stage: 100 sx lead + 75 sx C tail
Bit started drlg out @ 1475'

4-1/2" X 2-3/8" NICKEL PLATED ARROWSET 1X PACKER @ 3900'

"B" zone 3991'-4004' 14 holes

"C" zone 4165-69' 5 holes 4173-92' 20 holes 4208-18' 11 holes

CIBP @ 4560<sup>t</sup>

TD

4577'

Prod. Csg: Set @: Cmt: # of sx TOC: 4-1/2" 11.6# J-55 4577' 181 sx lead + 81 sx tail all C circ 2 sx to pit

# **CURRENT EQUIPMENT DESCRIPTION:**

# RECOMMENDED PROCEDURE: PDU 207

1) Clean out to PBTD @ +/- 4565'. 2) Set CIBP @ 4560'.
2) Acidize exisitng perfs w/2500g 15% NEFE & 300 g Xylene. 3) Perforate from 3991'-4004' (13 holes)
4) Frac down workstring
<ul><li>5) Set Arrowset 1X (Nickel Plated) Injection Pkr @3900'.</li><li>6) Notify OCD /BLM for MIT test. Test casing to 500# and chart for 30 min.</li></ul>
7) Place well on injection.

# WELLBORE DIAGRAM PARKWAY DELAWARE UNIT #706

LEASE: PDU **WELL NO. 706** API #: 30-015-34408 SPUD: 1/3/06 LOCATION: 1980' FNL & 430' FEL SEC: 35 T: 19S R: 29F COMP: 1/15/2006 FIELD: PARKWAY GL: 3338' CT/ST: EDDY,NM INITIAL FORM: DELAWARE "C" **CURRENT STAT. CASED** KB: 3350' DF: 3349' CURRENT WELL HISTORY WELLBORE 1/23/06 Perf 4258-64' (13 holes) + 4248-52' (9 4220-26' (7 holes) + 4206-12' (7 holes 13 3/8" 48# H-40 @ 411' Break down w/2500g 15% HCL & 60 CMT'D W/ 200 SX LEAD "C" 12.8 15min=870#. 1/31/06 Well was flowing up 2-3/8" tbg from TAIL 150 SX "C" 14.8PPG 2/3/06 Frac w/34,193# 16/30 Brady + 20,769 TOPPED W/ 400 SX "C" AIR=12.8 bpm, Pavg=3373#, ISIP=11-10min=1052#, 15min=1038# THRU 1" IN 7 STAGES 2/10/06 Tag indicates well treated from 4184 **CIRC 13 SX TO SURFACE** 3/14/06 POH w/Rod pump. RIH w/40 hp sub Stage collar @ 1483' 4/7/06 Send pump in for repair. RIH w/rods 4/29/08 Pump stuck. Pinhole leak in top jt d External csg pkr@1485' 9 5/8" 32.2# H-40 @ 1525' CIRC. W/ 280 SX LEAD 11.9PPG **TBG** TAIL 200 SX "C" 14.8PPG 1jt 2-3/8" IPC CIRC 68 SKS TO PIT 127 jts 2 3/8" J55 TAC 2jts 2-3/8" 1jt 2-3/8" IPC 4' 2-3/8" sloted sub 1-2/38" BPMA 7" 23# J-55 @ 3178' CMT'D 1ST STAGE 150 SX LEAD 11.9PPG **TAIL 115 SX 14.8PPG ALL "C" RODS** Circ 31 sx of stage tool ?8'-7/8" pony? CMT'D 2ND STAGE 120 SX LEAD 11.8PPG TAIL 75 SX 14.8 ALL "C" 71-7/8" 93-3/4" **CIRC 41 SX TO SURFACE** 6-1.5" kbars 10' GA 2X1.5X20 DELAWARE "C" PERFS = 4193-4196 1 SPF 4 HOLES (B ORANGE) = 4206-4212 1 SPF 7 HOLES (C BLUE) = 4220-4226 1SPF 7 HOLES 4234-4242 1 SPF 9 HOLES(C GREEN) = 4248-4252 2 SPF 9 HOLES (C ND) PBD 4544 FC 4258-4264 2 SPF 13 HOLES ( C PINK) DATE:1/20/06 4 1/2" 10.5# J-55 @ 4595' PREPARED BY: CMT'D W/ 200 SX LEAD 11.9ppg & 130 SX TAIL 13 PPG ALL CLASS C CMJ **CIRC 23 SX TO PITS** 

PBTD: 4544 FC TD: 4600'

# PROPOSED WELLBORE DIAGRAM PARKWAY DELAWARE UNIT #706

LEASE: PDU
LOCATION: 1980' FNL & 430' FEL
FIELD: PARKWAY
CURRENT STAT. CASED

CURRENT
WELLBORE

TBG
128 jt 2-3/8" IPC

**WELL NO. 706** 

SEC: 35 GL: 3338' T: 19S R: 29E CT/ST: EDDY,NM

KB: 3350'

DF: 3349'

API #: 30-015-34408

SPUD: 1/3/06 COMP: 1/15/2006

INITIAL FORM:DELAWARE "C"

#### **WELL HISTORY**

1/23/06 Perf 4258-64' (13 holes) + 4248-52' (9 4220-26' (7 holes) + 4206-12' (7 holes Break down w/2500g 15% HCL & 60 | 15min=870#.

1/31/06 Well was flowing up 2-3/8" tbg from : 2/3/06 Frac w/34,193# 16/30 Brady + 20,769; AIR=12.8 bpm, Pavg=3373#, ISIP=114 10min=1052#, 15min=1038#

2/10/06 Tag indicates well treated from 4184 3/14/06 POH w/Rod pump. RIH w/40 hp sub 4/7/06 Send pump in for repair. RIH w/rods 4/29/08 Pump stuck. Pinhole leak in top jt di

13 3/8" 48# H-40 @ 411' CMT'D W/ 200 SX LEAD "C" 12.8

TAIL 150 SX "C" 14.8PPG TOPPED W/ 400 SX "C" THRU 1" IN 7 STAGES CIRC 13 SX TO SURFACE

Stage collar @ 1483' External csg pkr@1485'

9 5/8" 32.2# H-40 @ 1525' CIRC. W/ 280 SX LEAD 11.9PPG TAIL 200 SX "C" 14.8PPG CIRC 68 SKS TO PIT

7" 23# J-55 @ 3178'

CMT'D 1ST STAGE 150 SX LEAD 11.9PPG
TAIL 115 SX 14.8PPG ALL "C"
Circ 31 sx of stage tool
CMT'D 2ND STAGE 120 SX LEAD 11.8PPG
TAIL 75 SX 14.8 ALL "C"
CIRC 41 SX TO SURFACE

4-1/2" X 2-3/8" NICKEL PLATED ARROWSET 1X PACKER @ 3900'

#### DELAWARE "B" PERFS PROPOSED

- = 3996-4000 1 SPF 5 HOLES
- = 4028-4032 1 SPF 5 HOLES
- = 4060-4066 1 SPF 7 HOLES
- = 4074-4080 1 SPF 7 HOLES

#### DELAWARE "C" PERFS

- = 4193-4196 1 SPF 4 HOLES (B ORANGE)
- = 4206-4212 1 SPF 7 HOLES (C BLUE)
- = 4220-4226 1SPF 7 HOLES 4234-4242 1 SPF 9 HOLES(C GREEN)
- = 4248-4252 2 SPF 9 HOLES (C ND)
- 4258-4264 2 SPF 13 HOLES ( C PINK)

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

CMT'D W/ 200 SX LEAD 11.9ppg & 130 SX TAIL 13 PPG ALL CLASS C

CIRC 23 SX TO PITS

DATE:1/20/06 PREPARED BY: CMJ

PBD 4544 FC

PBTD: 4544 FC

# **CURRENT EQUIPMENT DESCRIPTION:**

# RECOMMENDED PROCEDURE: PDU 706

1) Clean out to PBTD @ +/- 4544'.
2) Acidize exisitng perfs w/2500g 15% NEFE & 300 g Xylene.
3) Perforate from:
3996-4000 (5 HOLES), 4028-4032 (5 HOLES ), 4060-4066 ( 7 HOLES ), 4074-4080 (7 HOLES )
4) Frac down workstring
5) Set Arrowset 1X (Nickel Plated) Injection Pkr @3900'.
6) Notify OCD /BLM for MIT test. Test casing to 500# and chart for 30 min.
7) Place well on injection.

# WELLBORE DIAGRAM PARKWAY DELAWARE UNIT #707

LEASE: PDU LOCATION: 1980' FSL & 430' FEL FIELD: PARKWAY CURRENT STAT. CASED PROPOSED WELLBORE TBG 124 jts 2 3/8" J55 SN at 4019' BTMMA=4051' RODS 6'&8'-7/8" pony 63-7/8" 90-3/4" 6-1.5" kbars 12' GA 2X1.5X20 RHBC CIBP @ 4175'  $\infty$ 

**WELL NO. 707** 

SEC: 35 GL: 3331' T: 19S R: 29E CT/ST: EDDY,NM

KB: 3343' DF: 3342'

API#: 30-015-34409

SPUD: 1/18/06 COMP: 1/29/2006

INITIAL FORM: DELAWARE "C"

**WELL HISTORY** Perf 4244-52' (17 holes), 4236-42' (13 holes) 2/14/06 4210-30'(21 holes), 4195-4202' (8 holes), 13 3/8" 48# H-40 @ 409 4182-90' (9 holes) PUMPED W/ 195 SX LEAD 50/50 2/15/2006 Breakdown w/3500g 15% HCI. ISIP=1137# POZ "C" 13.5ppg TAIL 150 SX "C" 14.8 10min=1054# DID NOT CIRC 2/22/06 Frac with 591bbls "clear frac" TOPPED W/ 640 SX "C" 22.7 M# 16/30 13 bpm 3000psi THRU 1" IN 13 STAGES 2/28/06 Cardinal survey shows frac from 4168-4266' **CIRC 23 SX TO SURFACE** 4/10/06 Tag @4390'. Ran sub pump. Stage collar @ 1428' Send pump in for repairs. Put well on Rod Pump. Replaced rod pump External csq pkr@1430' 7/17/06 8/2/06 Set CIBP @ 4175', Perf "B" 4070-4095 1 SPF 9 5/8" 32.3# H-40 @ 1488' 8/3/06 Acidize w/4000g 7 1/2% HCI CIRC. W/ 280 SX LEAD 11.9PPG 8/4/06 Frac with 12,800g "clear frac" 38,000# 16/30 Ottawa TAIL 200 SX "C" 14.8PPG 15 BPM @ 2732 psi Tracer Log, treated 4070-4119' CIRC 82 SKS TO PIT 8/5/06 10/12/06 Pull & re-run equip 7/17/07 Pump repair 3/6/08 Hole in tbg Hole in 1st joint out. Drop SV & tested tbg to 1000#. Ok. 7" 23# J-55 @ 3190' CMT'D 1ST STAGE 115 SX LEAD 11.9PPG TAIL 150 SX 14.8PPG ALL "C" CMT'D 2ND STAGE 115 SX LEAD 11.8PPG TAIL 150 SX 14.8 ALL "C"

DELAWARE "B" PERFS 4070-4120 1 SPF 51 HOLES

DELAWARE "C" PERFS

4182-4190 1 SPF 9 HOLES (B ORANGE) 4195-4202 1 SPF 8 HOLES (C BLUE) 4210-4230 1SPF 21 HOLES (C GREEN) 4236-4242 2 SPF 13 HOLES (C ND) 4244-4252 2 SPF 17 HOLES ( C PINK)

4 1/2" 10.5# J-55 @ 4578'

CMT'D W/ 200 SX LEAD 11.9ppg & 130 SX TAIL 13 PPG ALL CLASS C CIRC 27 SX TO PITS

PBTD: 4534 FC TD: 4590'

**PBTD 4534 FC** 

DATE:10/30/06

**EWS** 

PREPARED BY:

# PROPOSED WELLBORE DIAGRAM **PARKWAY DELAWARE UNIT #707**

LEASE: PDU LOCATION: 1980' FSL & 430' FEL FIELD: PARKWAY

**WELL NO. 707** SEC: 35 GL: 3331'

KB: 3343'

T: 19S R: 29E CT/ST: EDDY,NM DF: 3342'

SPUD: 1/18/06 COMP: 1/29/2006

INITIAL FORM: DELAWARE "C"

API#: 30-015-34409

**CURRENT STAT. CASED** 

PROPOSED

WELLBORE

TBG

124 jts 2 3/8" IPC

13 3/8" 48# H-40 @ 409'

PUMPED W/ 195 SX LEAD 50/50

POZ "C" 13.5ppg TAIL 150 SX "C" 14.8

DID NOT CIRC TOPPED W/ 640 SX "C" THRU 1" IN 13 STAGES **CIRC 23 SX TO SURFACE** Stage collar @ 1428 External csg pkr@1430'

9 5/8" 32.3# H-40 @ 1488' CIRC. W/ 280 SX LEAD 11.9PPG TAIL 200 SX "C" 14.8PPG **CIRC 82 SKS TO PIT** 

**WELL HISTORY** 

2/14/06 Perf 4244-52' (17 holes), 4236-42' (13 holes)

4210-30'(21 holes), 4195-4202' (8 holes), 4182-90' (9 holes)

2/15/2006 Breakdown w/3500g 15% HCI. ISIP=1137#

10min=1054#

2/22/06 Frac with 591bbls "clear frac"

22.7 M# 16/30 13 bpm 3000psi

2/28/06 Cardinal survey shows frac from 4168-4266'

4/10/06 Tag @4390'. Ran sub pump.

Send pump in for repairs. Put well on Rod Pump. 6/10/06

7/17/06 Replaced rod pump

8/2/06 Set CIBP @ 4175', Perf "B" 4070-4095 1 SPF

Acidize w/4000g 7 1/2% HCI 8/3/06

8/4/06 Frac with 12,800g "clear frac" 38,000# 16/30 Ottawa

15 BPM @ 2732 psi

Tracer Log, treated 4070-4119' 8/5/06

10/12/06 Pull & re-run equip

7/17/07 Pump repair

Hole in tbg Hole in 1st joint out. Drop SV & 3/6/08

tested tbg to 1000#. Ok.

7" 23# J-55 @ 3190'

CMT'D 1ST STAGE 115 SX LEAD 11.9PPG TAIL 150 SX 14.8PPG ALL "C" CMT'D 2ND STAGE 115 SX LEAD 11.8PPG TAIL 150 SX 14.8 ALL "C"

4-1/2" X 2-3/8" NICKEL PLATED ARROWSET 1X PACKER @ 3970'

**DELAWARE "B" PERFS** 

4070-4120 1 SPF 51 HOLES

DELAWARE "C" PERFS

4182-4190 1 SPF 9 HOLES (B ORANGE)

4195-4202 1 SPF 8 HOLES (C BLUE)

4210-4230 1SPF 21 HOLES (C GREEN) 4236-4242 2 SPF 13 HOLES (C ND)

4244-4252 2 SPF 17 HOLES ( C PINK)

4 1/2" 10.5# J-55 @ 4578'

CMT'D W/ 200 SX LEAD 11.9ppg & 130 SX TAIL 13 PPG ALL CLASS C

CIRC 27 SX TO PITS

DATE:10/30/06 PREPARED BY:

**EWS** 

**PBTD 4534 FC** 

PBTD: 4534 FC TD: 4590'

# **CURRENT EQUIPMENT DESCRIPTION:**

# RECOMMENDED PROCEDURE: PDU 707

1) Drillout CIBP @ 4175'.
2)Clean out to PBTD @ +/- 4534'.
3) Isolate and acidize exisitng perfs 4182-4190 ,4195-4202 ,4210-4230 ,4236-4242 ,4244-4252 w/3500g 15% NEFE
400 g Xylene.
4) Isolate and acidize exisitng perfs 4070-4120 w/3500g 15% NEFE & 400 g Xylene.
5) Frac down workstring
6) Set Arrowset 1X (Nickel Plated) Injection Pkr @3970'.
7) Notify OCD /BLM for MIT test. Test casing to 500# and chart for 30 min.
8) Place well on injection.
·

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.	A. Signature
Print your name and address on the reverse	X W/// Addresse
so that we can return the card to you.	B. Received by (Printed Name) C. Dale of Delive
Attach this card to the back of the mallplece, or on the front if space permits.	FERENSON 1/19/10
Article Addressed to:	D. Is delivery address different from item 1?
BP America Production Company Atin: Craig Ferguson, WL1 8.196	
501 Westlake Park Blvd. Houston, Texas 77079	
RE: Surface Commingling Application	3. Service Type
Burger B 20 #2 & #5	Certified Mall
	Registered Return Receipt for Merchandis
•	☐ Insured Mall ☐ C.O.D.
	4. Restricted Delivery? (Extra Fee) ☐ Yes
2. Article Number (Transfer from sérvice label) 7005 1830	DOO7 40PP 33PA
PS Form 3811, February 2004 Domestic Re	turn Receipt 102595-02-M-15
), -, > 1, > 1, + 1, + 1, + 1, + 1, + 1, + 1	
SENDER: COMPLETE THIS SECTION	COMPLETI: THIS SECTION ON DELIVERY
Complete Items 1, 2, and 3. Also complete	A. Signatule \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
item 4 if Restricted Delivery is desired.	Agent Agent
Print your name and address on the reverse	Addresse
so that we can return the card to you.	B. Received by Winney in (ma) C. Date of Deliver
Attach this card to the back of the mallplece, or on the front if space permits.	11 124 (1 1 124 U) W
<del></del>	D. Is delivery address different from item 1? [4] Yes
1. Article Addressed to:	1 YES, enter delivery address below: ☐ No
Apache Corporation	
Attn: Michelle Hanson Two Warren Place, Suite 1500	
6120 S Yale Ave.	
Tulsa, OK 74136	
RE: Surface Commingling Application	3. Service Type
Burger B 20 #2 & #5	Certified Mail
	☐ Registered ☐ Return Receipt for Merchandis ☐ Insured Mall ☐ C.O.D.
•	4. Restricted Delivery? (Extra Fee)
2. Article Number	
(Transfer from service tabel) [7,008/12,43]	01000N 40PP (332711 !
PS Form 3811, February 2004 Domestic Ret	turn Receipt 102595-02-M-15-
SENDER: COMPLETE THIS SECTION	COMPLETE: THIS SECTION ON DELIVERY
Complete Items 1, 2, and 3. Also complete	A. Signature
item 4 if Restricted Delivery Is desired.	Agent Addresse
Print your name and address on the reverse so that we can return the card to you.	
Attach this card to the back of the mailpiece,	B. Received by (Printed Name) C. Date of Deliver
or on the front if space permits.	D. Is delivery address different from Item 1?  Yes
Article Addressed to:	D. Is delivery address different from Item 1?  Yes  If YES, enter delivery address below:  No
*** ****	in the father delivery address bottom.
XTO Energy	
Attn: Steve Cobb 810 Houston Street	
Fort Worth Texas 76102	
RE: Surface Commingling Application	3. Service Type
Burger B 20 #2 & #5	Certified Mall
	Registered Receipt for Merchandis
	☐ Insured Mall ☐ C.O.D.
	4. Restricted Delivery? (Extra Fee) ☐ Yes
2. Article Number 7008 1830 0	001 4066 4842

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-154

April 14, 2010

Will Jeffes V NMOCD Engineering Bureau A 10: 5

1220 South St. Francis Drive

Santa Fe, NM 87505

Re: Administrative Application for Waterflood Expansion

St. Mary Land & Exploration Co.

Parkway Delaware Unit Well Nos. 206, 207, 306, 513, 706, 707

Dear Mr. Jones:

By two separate submissions, we incorrectly reflected the current perforations from the wellbore diagrams onto the C-108 Injection Application. It is our proposal to be permitted to perforate within the published interval of 3918-4406' on each of the following wells:

PDU #206 change from 4176-4214- to 3918-4406'

PDU #306 change from 4197-4228' to 3918-4406'

PDU #513 change from 4148-4198' to 3918-4406'

PDU #207 change from 4165-4218' to 3918-4406'

PDU #706 change from 4193-4264' to 3918-4406'

PDU #707 change from 4182-4252' to 3918-4406'

Attached please find the current and proposed diagrams with procedures for the second application including well numbers 207, 706 & 707.

We apologize for this mistake and inconvenience caused by this error. Please feel free to contact us with any questions at 432-684-6381. Copies of the this notification will be sent by certified mail to all parties - offset, surface and regulatory this date.

Sincerely,

Ann E. Ritchie Regulatory Agent

St. Mary Land & Exploration Co.

c/o P.O. Box 953

Midland, TX 79702

ann.wtor@gmail.com

#### **PARKWAY DELAWARE UNIT #207 Parkway Delaware** Prospect: Well ID Info: Location: 995' FNL & 1461' FEL Footage: Section: Block: 35, 19S R: 29E Survey: Eddy, NM County: Elevations: 3318 GL: KB: 3329 KB Calc: 11. ck w/log? No History Ran CBL up to 3500'. Perf 4208-18' (11 holes) 4173-92' (20 holes) 6/22/05 4165-69' (5 holes). Spot 2 bbl on perfs & acidize w/3000g 15% @ 7.7 bpm flushed w/50 bbl 2% . ISIP=570#, 5min=477# 10 min=437#, 15 min=400#

1		API No:	3001534121
		Spud Date:	5/23/2005
		Surf. Csg:	13-3/8" 48# J-55
		Set @	353'
		Cement w/	1995 sx C tail w/180 sx H*
		Circ:	yes
) (		TOC:	25 sx to pit
			* 175 sx thru 1" to get to surface
	Į.	Inter. Csg:	9-5/8" 36# J-5S
		Set @	1488'
		Cement w/	300 sx lead + 250 sx C tail
1		Circ:	yes
		No. Oct.	7# 224 L 65
1 1	A A	Inter. Csg:	7" 23# J-55
1		Set @	3227
1 1		Cement w/	1st stage: 115 sx C
			2nd stage: 100 sx lead + 75 sx C tai
	П		Bit started drlg out @ 1475'
1 1	790		

	Tubing Detail (top to bottom)	Avg JT	32.48
Joints	Description	Footage	Depth
131	2-3/8"		
	SN	4,255.00	
	TAC @4094'		
		<del> </del>	
		+	
		T	

Frac w/651.3 bbl + 36,339# 16/30 @ AIR=12.7 bpm & Pavg=2899#.

Tracer shows frac from 4162-4310'. 85% from ??4074??-4220'.

ISIP=901#, 15 min=819#. Pumped up to 6 ppg.

Replaced parted rods and hung new pump.

8/25/05

5/2/06

8/18/06

9/22/06

10/13/06

7/5/07

7/27/07

Green pull

Rod part.

Pump parted.

Repair pump. Hit fill @4383'

Parted on 8th box down.

Parted box 6 rods down.

	Rod Detail (top to bottom)	1	
Rods	Description	Footage	Depth
72	7/8" rods	1,800.00	1,800.00
90	3/4" rods	2,250.00	4,050.00
6	1.5" K bars	150.00	4,200.00
1	4' gas anchor	4.00	4,204.00
	2X1.5X20 RHBC HVR NP-092	20.00	4,224.00
		+	
ated:	7/12/09 BHH		

TAC @ 4094

SN @ 4225

"C" zone 4165-69' 5 holes 4173-92' 20 holes 4208-18' 11 holes

Prod. Csg: Set @: Cmt: # of sx TOC: 4-1/2" 11.6# J-55 4577' 181 sx lead + 81 sx tail all C circ 2 sx to pit

 $C: Users In arvie Vapp Data VLocal Wilcrosoft Windows Vermorary Internet Files VLow Content. IES VAGTX5U53 VPkg\_2\_Prod2inj\_PBTD$ 

TD 4577'

 $\sim$ 

Prospect:

#### **Parkway Delaware**

### **Proposed WELLBORE DIAGRAM PARKWAY DELAWARE UNIT #207**

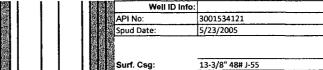
	Location:	
Footage:	995' FNL & 1461' FEL	
Section:	35	
Block:	35, 19S R: 29E	
Survey:		
County:	Eddy, NM	
Elevations:		
GL:	3318	
KB:	3329	
KB Calc:	11	
ck w/log?	No	

History	
6/22/05	Ran CBL up to 3500'. Perf 4208-18' (11 holes) 4173-92' (20 holes)
	4165-69' (5 holes). Spot 2 bbl on perfs & acidize w/3000g
	15% @ 7.7 bpm flushed w/50 bbl 2% . ISIP=570#, 5min=477#
	10 min=437#, 15 min=400#
	Frac w/651.3 bbi + 36,339# 16/30 @ AIR=12.7 bpm & Pavg=2899#.
	ISIP=901#, 15 min=819#. Pumped up to 6 ppg.
	Tracer shows frac from 4162-4310'. 85% from ??4074??-4220'.
8/25/05	Green pull
5/2/06	Repair pump. Hit fill @4383'
8/18/06	Pump parted.
9/22/06	Parted on 8th box down.
10/13/06	Rod part.
7/5/07	Replaced parted rods and hung new pump.
7/27/07	Parted box 6 rods down.

Tubing Detail (top to bottom)	Avg JT	#DIV/0!
Description	Footage	Depth
	-	
	<del> </del>	
	<del> </del>	

	Rod Detail (top to bottom)		
Rods	Description	Footage	Depth
	2/09 BHH	]	

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Set @ Cement w/ Circ: TOC:

13-3/8" 48# J-55 353' 1995 sx C tail w/180 sx H\* yes 25 sx to pit

\* 175 sx thru 1" to get to surface

Inter. Csg: Set @

9-5/8" 36# J-55

Cement w/ Circ:

1488' 300 sx lead + 250 sx C tail yes

Inter. Csg: Set @ Cement w/ 7" 23# J-55 3227'

1st stage: 115 sx C

2nd stage: 100 sx lead + 75 sx C tail Bit started drlg out @ 1475'

4-1/2" X 2-3/8" NICKEL PLATED ARROWSET 1X PACKER @ 3900'

"B" zone 3991'-4004' 14 holes

"C" zone 4165-69' 5 holes 4173-92' 20 holes 4208-18' 11 holes

CIBP @ 4560'

Prod. Csg: Set @: Cmt: # of sx TOC:

TD

4577

4-1/2" 11.6# J-55 4577 181 sx lead + 81 sx tail all C

circ 2 sx to pit

# **CURRENT EQUIPMENT DESCRIPTION:**

# RECOMMENDED PROCEDURE: PDU 207

- 1) Clean out to PBTD @ +/- 4565'.
- 2) Set CIBP @ 4560'.
- 2) Acidize exisitng perfs w/2500g 15% NEFE & 300 g Xylene.
- 3) Perforate from 3991'-4004' (13 holes)
- 4) Frac down workstring
- 5) Set Arrowset 1X (Nickel Plated) Injection Pkr @3900'.
- 6) Notify OCD /BLM for MIT test. Test casing to 500# and chart for 30 min.
- 7) Place well on injection.

# **WELLBORE DIAGRAM PARKWAY DELAWARE UNIT #706**

LEASE: PDU

LOCATION: 1980' FNL & 430' FEL

FIELD: PARKWAY **CURRENT STAT. CASED** 

> CURRENT WELLBORE

**WELL NO. 706** 

SEC: 35

T: 19S R: 29E

GL: 3338'

CT/ST: EDDY.NM

KB: 3350'

DF: 3349'

API #: 30-015-34408

SPUD: 1/3/06

COMP: 1/15/2006

INITIAL FORM:DELAWARE "C"

### **WELL HISTORY**

1/23/06 Perf 4258-64' (13 holes) + 4248-52' (9 4220-26' (7 holes) + 4206-12' (7 holes Break down w/2500g 15% HCL & 60 15min=870#.

1/31/06 Well was flowing up 2-3/8" tbg from 2/3/06 Frac w/34,193# 16/30 Brady + 20,769 AIR=12.8 bpm, Pavg=3373#, ISIP=11-10min=1052#, 15min=1038#

2/10/06 Tag indicates well treated from 4184 3/14/06 POH w/Rod pump. RIH w/40 hp sub 4/7/06 Send pump in for repair. RIH w/rod: 4/29/08 Pump stuck. Pinhole leak in top jt d

13 3/8" 48# H-40 @ 411' CMT'D' W/ 200 SX LEAD "C" 12.8

TAIL 150 SX "C" 14.8PPG TOPPED W/ 400 SX "C" THRU 1" IN 7 STAGES **CIRC 13 SX TO SURFACE** 

Stage collar @ 1483' External csg pkr@1485'

9 5/8" 32.2# H-40 @ 1525' CIRC. W/ 280 SX LEAD 11.9PPG TAIL 200 SX "C" 14.8PPG CIRC 68 SKS TO PIT

7" 23# J-55 @ 3178'

CMT'D 1ST STAGE 150 SX LEAD 11.9PPG TAIL 115 SX 14.8PPG ALL "C" Circ 31 sx of stage tool CMT'D 2ND STAGE 120 SX LEAD 11.8PPG TAIL 75 SX 14.8 ALL "C" **CIRC 41 SX TO SURFACE** 

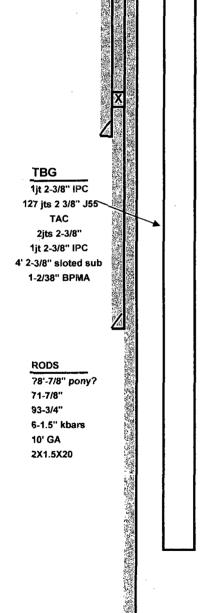
#### **DELAWARE "C" PERFS**

- = 4193-4196 1 SPF 4 HOLES (B ORANGE)
- = 4206-4212 1 SPF 7 HOLES (C BLUE)
- = 4220-4226 1SPF 7 HOLES 4234-4242 1 SPF 9 HOLES(C GREEN)
- = 4248-4252 2 SPF 9 HOLES (C ND)
  - 4258-4264 2 SPF 13 HOLES ( C PINK)

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

CMT'D W/ 200 SX LEAD 11.9ppg & 130 SX TAIL 13 PPG ALL CLASS C

**CIRC 23 SX TO PITS** 



DATE:1/20/06 PREPARED BY: CMJ

**PBD 4544 FC** 

PBTD: 4544 FC TD. 4000

# PROPOSED WELLBORE DIAGRAM **PARKWAY DELAWARE UNIT #706**

LEASE: PDU

LOCATION: 1980' FNL & 430' FEL

FIELD: PARKWAY **CURRENT STAT. CASED** 

CURRENT

WELLBORE

**TBG** 

128 jt 2-3/8" IPC

**WELL NO. 706** 

SEC: 35 GI: 3338 T: 19S R: 29E CT/ST: EDDY,NM

KB: 3350'

DF: 3349'

API #: 30-015-34408

SPUD: 1/3/06 COMP: 1/15/2006

INITIAL FORM:DELAWARE "C"

#### **WELL HISTORY**

1/23/06 Perf 4258-64' (13 holes) + 4248-52' (9 4220-26' (7 holes) + 4206-12' (7 holes Break down w/2500g 15% HCL & 60 I 15min=870#.

1/31/06 Well was flowing up 2-3/8" tbg from : 2/3/06 Frac w/34,193# 16/30 Brady + 20,769 AIR=12.8 bpm, Pavg=3373#, ISIP=114 10min=1052#, 15min=1038#

2/10/06 Tag indicates well treated from 4184 3/14/06 POH w/Rod pump. RIH w/40 hp sub 4/7/06 Send pump in for repair. RIH w/rods 4/29/08 Pump stuck. Pinhole leak in top jt di

13 3/8" 48# H-40 @ 411' CMTD W/ 200 SX LEAD "C" 12.8

TAIL 150 SX "C" 14.8PPG **TOPPED W/ 400 SX "C"** THRU 1" IN 7 STAGES **CIRC 13 SX TO SURFACE** 

Stage collar @ 1483' External csg pkr@1485'

9 5/8" 32.2# H-40 @ 1525' CIRC. W/ 280 SX LEAD 11.9PPG TAIL 200 SX "C" 14.8PPG CIRC 68 SKS TO PIT

7" 23# J-55 @ 3178'

CMT'D 1ST STAGE 150 SX LEAD 11.9PPG **TAIL 115 SX 14.8PPG ALL "C"** 

Circ 31 sx of stage tool

CMT'D 2ND STAGE 120 SX LEAD 11.8PPG TAIL 75 SX 14.8 ALL "C"

**CIRC 41 SX TO SURFACE** 

4-1/2" X 2-3/8" NICKEL PLATED ARROWSET 1X PACKER @ 3900"

#### **DELAWARE "B" PERFS PROPOSED**

3996-4000 1 SPF 5 HOLES

4028-4032 1 SPF 5 HOLES

= 4060-4066 1 SPF 7 HOLES

= 4074-4080 1 SPF 7 HOLES

#### **DELAWARE "C" PERFS**

= 4193-4196 1 SPF 4 HOLES (B ORANGE)

= 4206-4212 1 SPF 7 HOLES (C BLUE)

= 4220-4226 1SPF 7 HOLES 4234-4242 1 SPF 9 HOLES(C GREEN)

= 4248-4252 2 SPF 9 HOLES (C ND)

🎇 4258-4264 2 SPF 13 HOLES ( C PINK)

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

CMT'D W/ 200 SX LEAD 11.9ppg & 130 SX TAIL 13 PPG ALL CLASS C **CIRC 23 SX TO PITS** 

DATE:1/20/06 PREPARED BY: CMJ

**PBD 4544 FC** 

PBTD: 4544 FC TD: 4600'

# **CURRENT EQUIPMENT DESCRIPTION:**

# RECOMMENDED PROCEDURE: PDU 706

- 1) Clean out to PBTD @ +/- 4544'.
- 2) Acidize exisitng perfs w/2500g 15% NEFE & 300 g Xylene.
- 3) Perforate from:

3996-4000 (5 HOLES), 4028-4032 (5 HOLES), 4060-4066 (7 HOLES), 4074-4080 (7 HOLES)

- 4) Frac down workstring
- 5) Set Arrowset 1X (Nickel Plated) Injection Pkr @3900'.
- 6) Notify OCD /BLM for MIT test. Test casing to 500# and chart for 30 min.
- 7) Place well on injection.

# WELLBORE DIAGRAM PARKWAY DELAWARE UNIT #707

LEASE: PDU

LOCATION: 1980' FSL & 430' FEL

FIELD: PARKWAY
CURRENT STAT. CASED

WELL NO. 707

API #: 30-015-34409

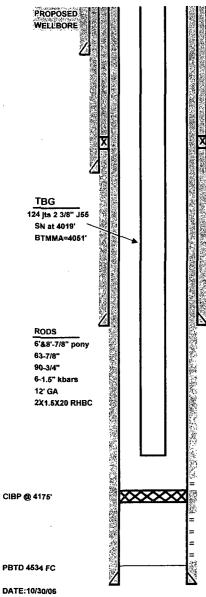
SEC: 35 GL: 3331' T: 19S R: 29E CT/ST: EDDY,NM SPUD: 1/18/06 COMP: 1/29/2006

KB: 3343'

DF: 3342'

INITIAL FORM: DELAWARE "C"

2/28/06



13 3/8" 48# H-40 @ 409'

PUMPED W/ 195 SX LEAD 50/50

POZ "C" 13.5ppg TAIL 150 SX "C" 14.8

DID NOT CIRC

TOPPED W/ 640 SX "C"

THRU 1" IN 13 STAGES

CIRC 23 SX TO SURFACE Stage collar @ 1428' External csg pkr@1430'

29 5/8" 32.3# H-40 @ 1488'
CIRC. W/ 280 SX LEAD 11.9PPG
TAIL 200 SX "C" 14.8PPG
CIRC 82 SKS TO PIT

<u>WELL HISTORY</u>
2/14/06 Perf 4244-52' (17 holes), 4236-42' (13 holes)
4210-30'(21 holes), 4195-4202' (8 holes),
4182-90' (9 holes)

2/15/2006 Breakdown w/3500g 15% HCI. ISIP=1137# 10min=1054#

2/22/06 Frac with 591bbls "clear frac" 22.7 M# 16/30 13 bpm 3000psi

Cardinal survey shows frac from 4168-4266'

4/10/06 Tag @4390'. Ran sub pump.

6/10/06 Send pump in for repairs. Put well on Rod Pump.

7/17/06 Replaced rod pump 8/2/06 Set CIBP @ 4175'. Perf "B" 4070-4095 1 SP

8/2/06 Set CIBP @ 4175', Perf "B" 4070-4095 1 SPF 8/3/06 Acidize w/4000g 7 1/2% HCI

8/4/06 Frac with 12,800g "clear frac" 38,000# 16/30 Ottawa

16 BPM @ 2732 psi

8/5/06 Tracer Log, treated 4070-4119'

10/12/06 Pull & re-run equip 7/17/07 Pump repair

3/6/08 Hole in thg Hole in 1st joint out. Drop SV &

tested tbg to 1000#. Ok.

7" 23# J-55 @ 3190'

CMT'D 1ST STAGE 115 SX LEAD 11.9PPG TAIL 150 SX 14.8PPG ALL "C"
CMT'D 2ND STAGE 115 SX LEAD 11.8PPG TAIL 150 SX 14.8 ALL "C"

DELAWARE "B" PERFS

4070-4120 1 SPF 51 HOLES

DELAWARE "C" PERFS

4182-4190 1 SPF 9 HOLES (B ORANGE) 4195-4202 1 SPF 8 HOLES (C BLUE) 4210-4230 1SPF 21 HOLES (C GREEN) 4236-4242 2 SPF 13 HOLES (C ND) 4244-4252 2 SPF 17 HOLES ( C PINK)

4 1/2" 10.5# J-55 @ 4578'

CMT'D W/ 200 SX LEAD 11.9ppg & 130 SX TAIL 13 PPG ALL CLASS C CIRC 27 SX TO PITS

PREPARED BY:

PBTD: 4534 FC TD: 4590'

# PROPOSED WELLBORE DIAGRAM PARKWAY DELAWARE UNIT #707

LEASE: PDU
LOCATION: 1980' FSL & 430' FEL
FIELD: PARKWAY
CURRENT STAT. CASED

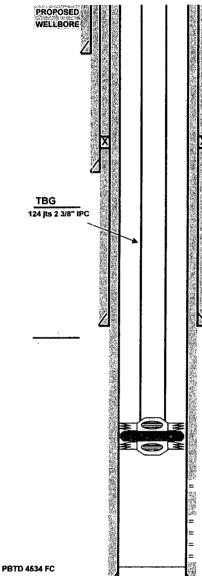
WELL NO. 707

API #: 30-015-34409

SEC: 35 GL: 3331' T: 19S R: 29E CT/ST: EDDY,NM SPUD: 1/18/06 COMP: 1/29/2006

KB: 3343' DF: 3342'

INITIAL FORM:DELAWARE "C"



13 3/8" 48# H-40 @ 409'
PUMPED W/ 195 SX LEAD 50/50
POZ "C" 13.5ppg TAIL 150 SX "C" 14.8
DID NOT CIRC

DID NOT CIRC
TOPPED W/ 640 SX "C"
THRU 1" IN 13 STAGES
CIRC 23 SX TO SURFACE
Stage collar @ 1428'
External csg pkr@1430'

9 5/8" 32.3# H-40 @ 1488'

CIRC. W/ 280 SX LEAD 11.9PPG

TAIL 200 SX "C" 14.8PPG

CIRC 82 SKS TO PIT

WELL HISTORY

2/14/06 Perf 4244-52' (17 holes), 4236-42' (13 holes),
4210-30'(21 holes), 4195-4202' (8 holes),
4182-90' (9 holes)

2/15/2006 Breakdown w/3500g 15% HCl. ISIP=1137#
10min=1054#

2/22/06 Frac with 591bbls "clear frac"
22.7 M# 16/30 13 bpm 3000psi

2/28/06 Cardinal survey shows frac from 4168-4266'
4/10/06 Tag @4390'. Ran sub pump.
6/10/06 Send pump in for repairs. Put well on Rod Pump.

6/10/06 Send pump in for repairs. Put well on Rod Pump
7/17/06 Replaced rod pump

8/2/06 Set CIBP @ 4175", Perf "B" 4070-4095 1 SPF 8/3/06 Acidize w/4000g 7 1/2% HCI

8/4/06 Frac with 12,800g "clear frac" 38,000# 16/30 Ottawa

15 BPM @ 2732 psi 8/5/06 Tracer Log, treated 4070-4119' 10/12/06 Pull & re-run equip

7/17/07 Pump repair

3/6/08 Hole in tbg Hole in 1st joint out. Drop SV &

tested tbg to 1000#. Ok.

7" 23# J-55 @ 3190'

CMT'D 1ST STAGE 115 SX LEAD 11.9PPG TAIL 150 SX 14.8PPG ALL "C"
CMT'D 2ND STAGE 115 SX LEAD 11.8PPG TAIL 150 SX 14.8 ALL "C"

4-1/2" X 2-3/8" NICKEL PLATED ARROWSET 1X PACKER @ 3970'

DELAWARE "B" PERFS 4070-4120 1 SPF 51 HOLES

DELAWARE "C" PERFS

4182-4190 1 SPF 9 HOLES (B ORANGE) 4195-4202 1 SPF 8 HOLES (C BLUE) 4210-4230 1SPF 21 HOLES (C GREEN) 4236-4242 2 SPF 13 HOLES (C ND) 4244-4252 2 SPF 17 HOLES (C PINK)

4 1/2" 10.5# J-55 @ 4578'

CMT'D W/ 200 SX LEAD 11.9ppg & 130 SX TAIL 13 PPG ALL CLASS C CIRC 27 SX TO PITS

DATE:10/30/06

PREPARED BY: EWS

PBTD: 4534 FC TD: 4590'

# **CURRENT EQUIPMENT DESCRIPTION:**

# RECOMMENDED PROCEDURE: PDU 707

- 1) Drillout CIBP @ 4175'.
- 2)Clean out to PBTD @ +/- 4534'.
- 3) Isolate and acidize exisitng perfs 4182-4190 ,4195-4202 ,4210-4230 ,4236-4242 ,4244-4252 w/3500g 15% NEFE 400 g Xylene.
- 4) Isolate and acidize exisitng perfs 4070-4120 w/3500g 15% NEFE & 400 g Xylene.
- 5) Frac down workstring
- 6) Set Arrowset 1X (Nickel Plated) Injection Pkr @3970'.
- 7) Notify OCD /BLM for MIT test. Test casing to 500# and chart for 30 min.
- 8) Place well on injection.



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
П.	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 No 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:
	<ol> <li>Proposed average and maximum daily rate and volume of fluids to be injected;</li> <li>Whether the system is open or closed;</li> <li>Proposed average and maximum injection pressure;</li> <li>Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,</li> <li>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.).</li> </ol>
*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:
*	E-MAIL ADDRESS:ann.wtor@gmail.com_ If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal:
Diez	RIBUTION: Original and one copy to Santa Fe with one copy to the appropriate District Office
ווטוע	1970 11011 onghid and one copy to band to with one copy to the appropriate District Office

### 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.

# INJECTION WELL DATA SHEET

													WELLBORE SCHEMATIC	WELL LOCATION: _995' FNL & 1461' FELFOOTAGE LOCATION	WELL NAME & NUMBER:Parkway Delaware Unit #207	OPERATOR:St. Mary Land & Exploration Co
416	Total Depth:	Top of Cement:	Cemented with:	Hole Size:		Top of Cement:	Cemented with:	Hole Size:		Top of Cement:	Cemented with:	Hole Size:		B UNIT LETTER	ω; 0	
Injection Interval	4577	Surface	260sx.	6 1/2"	Production Casing	Surface Surface	550sx.	12 <sup>1</sup> /4" 8 <sup>1</sup> / <sub>2</sub> "	Intermediate Casing	Surface	2175sx.	17 1/2"	WELL CONSTI	35 SECTION	015-34121	
Interval  t to 4218'		Method Determined: _Circulated	or	Casing Size:4 1/2" @ 4577"	n Casing	Method Determined: _Circulated Circulated	or	Casing Size: 9 5/8	te Casing	Method Determined:	or	Casing Size:13 3/8" @ 353'	WELL CONSTRUCTION DATA Surface Casing	19S		
Perfd		h: _Circulated	$f^3$	, @ 4577,		d: _Circulated Circulated	ft <sup>3</sup>	9 5/8" @ 1488' 7" @ 3227'		d:Circulated_	ft <sup>3</sup>	/8" @ 353'	<b>%</b>	29ERANGE		

(Perforated or Open Hole; indicate which)

# INJECTION WELL DATA SHEET

injection zone in this area: N/A	5. Give the name and depths of any oil or gas zones underlying or overlying the proposed	Has the well ever been perforated in any of intervals and give plugging detail, i.e. sack	Name of Field or Pool (if applicable).	2. Name of the Injection Formation: Delaware	If no, for what purpose was the well originally drilled?	1. Is this a new well drilled for injection?	Additional Data	Other Type of Tubing/Casing Seal (if applicable):	Packer Setting Depth:4140' +/	Type of Packer:Baker AD-1 Tension	Tubing Size: 2 3/8" Lining Material:
	zones underlying or overlying the proposed	ner zone(s)? List all such perforated of cement or plug(s) used. No	Parkway Delaware		lly drilled? Producer	YesXNo	ional Data	):			Lining Material: Plastic Coated

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

Form 3160-4 (September 2001) 12.37

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

# UNITED STATES 1301 W. Grand Avenue DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT ASIA. N.M. 88210

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

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2. Name o	f Operator															_	_							_
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4. Location	n of Well (	Kepor	i ioca	non (	cieariy	ana in acc	oraance wiii	n r eaera	u requi	iremenis	" RE	CEIVE	ED		10	). !	Field	and	Pool,	or I	Explora	tory		
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3126	Depin	Set (1	MD)	Fac			Size	<del>- ا ۲</del>	pui sei	(MD)	Packer L	epun (MD	4-	Size	<del></del>	┥	рері	n Se	(ML	<u>"</u> -	Packer	Depi	in (M)	<u></u>
25. Produc	ing Interva	ıla			410	131		26	6. Perf	foration	Record		Т_									-		_
				T	T	OP T	Bottom	<del>- -</del>					Size	T	No. I	lo	les			P	of Stat	119		-
A) Delawa	re "C"			$\top$				_						$\dashv$		_						<del>-</del> -		_
B) Delawa	re "C"			$\top$										-										_
																								_
D)																								_
			nt, Ce	men	t Sque	eze, Etc.																		
[	Depth Inter	val	<del></del>	4.						As	nount an	d Type of	Mater	ial										_
4165-4218				30	000 Ы	ls 15% HCL	55 bbls flush 29	% KCI					x											
														<del></del>										
				+-					Sta	ige 2 - 100	sx 50-50-	10 + 75 sx	Class (											
28. Produc	tion - Inte	rval A															<del></del>							_
Date First	Test	Hours			. 1	Oil								Produ	ction h	Me	thod							_
16. Type of Wall																								
				24 4	<u></u>				°	Con Oil		Wall Coats		Pum		=	\	==						<b>-</b>
	Figw.				.				- 1			Men Stan	3		AC	)(	JEP	IE	DF	OF	RE	COF	RD	
New Completion   Dispersion   Dispersion																								
								Y								I								
					ction	Oil BBL	Gas MCF	Water BBL	Į	Oil Gravi Con. API		Gas Gravity		Produ	tion M	lei	hod (	JUL	T	8	2005	T		
	<u>.</u>		- 1	Γ	7		1	1	j			1		]							ac	لرم		
Chake Size	Tbg. Press.	Call Press		24 Hr		Oil BBL	Gas MCF	Water		Gas: Oil	~	Well Stat	us	<b></b>	Ì						OBOE	A		_
	Flwg. Si		1	Rete		DDL	MCF.	BBL	J	Ratio		1			1	F					IGINE			,

Date First Produced	Test Date	Hours Tested	Test Producti	on Oil BE	l BL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method							
Choke Size	Tbg Press Flwg. Si	Cag. Press	24 Hr. Rate	Oil BE	l BL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status								
28c. Produc	tion - Inter	val D				L	····	*···									
Date First Produced	Test Date	Hours Tested	Test Producti	on BE	l BL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method							
Choke Size	Thg Press Flwg. Si	Cag. Press	24 Hr. Rate	Oi BE		Gas MCF	Water BBL	Gas: Oil Ratio	Well Status								
29. Disposi	tion of Gas	(Sold used	for fue	l, vente	ed, etc.)	<del></del>											
SOLD					·				<del></del>								
tests, i	all imports	nt zones o	f porosi	tv and	contents	thereof: Co	ored intervals en, flowing an	and all drill-stem d shut-in pressures	31. Formatio	n (Log) Markers							
Forma	tion	Тор	Botto	om (		Descrip	tions, Conten	ts, etc.		Name	Тор						
									. <del> </del>		Meas. Depth						
	1	3908	401	3						Delaware	3780						
Delawa	re "B"	4013	416	1				•	1	i							
								1°, 25 sx circ to	pit.	·							
	trical/Mec	achments: hanical Log for pluggin					eologic Report are Analysis	3 DST Rep 7 Other:	oort 4 Di	rectional Survey							
34. I hereb	y certify th	at the foreg	oing and	l attach	hed inform	nation is co	mplete and co	rrect as determined	ined from all available records (see attached instructions)*								
Name (	please prin	Marcio S	t. Germain	<u> </u>	······································	•		Title Production	Tech								
Signatu		كالبادة	⇒t.	حا	TUX	<u> </u>		Date	7-13-05								

Production Method

28b. Production - Interval C

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.

_	39K	Total Depth:460	Top of Cement:Si	Cemented with:	Hole Size:6 1.		Top of Cement:S	Cemented with:	Hole Size:12		Top of Cement:	Cemented with:	Hole Size:17	WELLBORE SCHEMATIC	/ELL LOCATION: _1980' FNL & 430' FELHHHHHH	ELL NAME & NUMBER:Parkway Delaware Unit #706 30 - 01
_		4600	Surface	330sx.	6 1/4"	Producti	Surface Surface	480sx.	12 1/4" 8 3/4"	<u>Intermedi</u>	Surface	750sx.	_17 ½"	WELL (	35 SECTION	015-34408
(Perforated or Open Hole; indicate which)	iterval 1764, 440	6	Method Determined: _Circulated	or	Casing Size:4 ½" @ 4595	Production Casing	Method Determined: _Circulated_ Circulated	or	Casing Size: 9 5/8" @ 1525' 7" @ 3178'	Intermediate Casing	Method Determined:Circulated_	or	Casing Size:13 3/8" @ 411'	WELL CONSTRUCTION DATA Surface Casing	19S29E_ TOWNSHIP RANGE	

# 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) usedN	Name of the Injection Formation:De	Additional Data  1. Is this a new well drilled for injection?  YesX_  If no, for what purpose was the well originally drilled?  Producer	Packer Setting Depth:4165' +/ Other Type of Tubing/Casing Seal (if applicable):	Tubing Size:2 3/8" Lining Material:Plastic
ing or overlying the proposed	wareist all such perforated plug(s) usedNo		Yes X No Producer		al:Plastic Coated

# WELLBORE DIAGRAM PARKWAY DELAWARE UNIT #706

API#: 30-015-34408 LEASE: PDU **WELL NO. 706** SPUD: 1/3/06 LOCATION: 1980' FNL & 430' FEL SEC: 35 T: 19S R: 29E FIELD: PARKWAY GL: 3338' CT/ST: EDDY,NM COMP: 1/15/2006 INITIAL FORM: DELAWARE "C" CURRENT STAT. CASED KB: 3350' DF: 3349' WELL HISTORY CURRENT WELLBORE 1/23/06 Perf 4258-64' (13 holes) + 4248-52' (9 4220-26' (7 holes) + 4206-12' (7 holes 13 3/8" 48# H-40 @ 411' Break down w/2500g 15% HCL & 60 CMT'D W/ 200 SX LEAD "C" 12.8 15min=870#. 1/31/06 Well was flowing up 2-3/8" tbg from TAIL 150 SX "C" 14.8PPG 2/3/06 Frac w/34,193# 16/30 Brady + 20,769 TOPPED W/ 400 SX "C" AIR=12.8 bpm, Pavg=3373#, ISIP=11-THRU 1" IN 7 STAGES 10min=1052#, 15min=1038# **CIRC 13 SX TO SURFACE** 2/10/06 Tag indicates well treated from 4184 3/14/06 POH w/Rod pump. RIH w/40 hp sub Stage collar @ 1483' 4/7/06 Send pump in for repair. RIH w/rods External csg pkr@1485' 4/29/08 Pump stuck. Pinhole leak in top jt d 9 5/8" 32.2# H-40 @ 1525' CIRC. W/ 280 SX LEAD 11.9PPG **TBG** TAIL 200 SX "C" 14.8PPG 1jt 2-3/8" IPC CIRC 68 SKS TO PIT 127 jts 2 3/8" J55 TAC 2jts 2-3/8" 1it 2-3/8" IPC 4' 2-3/8" sloted sub 1-2/38" BPMA 7" 23# J-55 @ 3178' CMT'D 1ST STAGE 150 SX LEAD 11.9PPG TAIL 115 SX 14.8PPG ALL "C" RODS Circ 31 sx of stage tool ?8'-7/8" pony? CMT'D 2ND STAGE 120 SX LEAD 11.8PPG TAIL 75 SX 14.8 ALL "C" 71-7/8" CIRC 41 SX TO SURFACE 93-3/4" 6-1.5" kbars 10' GA 2X1.5X20 Proposed Permitted: 3918-4406 DELAWARE "C" PERFS PROPOSED = 4193-4196 1 SPF 4 HOLES (B ORANGE) = 4206-4212 1 SPF 7 HOLES (C BLUE) = 4220-4226 1SPF 7 HOLES 4234-4242 1 SPF 9 HOLES(C GREEN) = 4248-4252 2 SPF 9 HOLES (C ND) 4258-4264 2 SPF 13 HOLES ( C PINK) PBD 4544 FC DATE:1/20/06 4 1/2" 10.5# J-55 @ 4595" PREPARED BY: CMT'D W/ 200 SX LEAD 11.9ppg & 130 SX TAIL 13 PPG ALL CLASS C CM.J **CIRC 23 SX TO PITS** 

PBTD: 4544 FC TD: 4600' Form 3160-4 (September 2001)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137

													1			CXD	res	Janu	my JI, A	,000	
	WEL	L. CO	MPL	ETION	OR RE	COMPLE	TION F	REPORT	AND L	LOG	)		Ī		-	se Sc	rial				
la, Type of	Watt 5	71 03 5	V-11	Пс	Well	Dec Other	w Water	Injection W	all								. Alle	ottee	or Tribe	Name	<u> </u>
b. Type of	_					ork Over					Diff. R	esvr.					•				
U. 2, pu U.		-					•		•					7.	Unit	or C	A A	green	nent Nar	ne and	No.
2. Name of	Operator		Oth	ет															RE UNIT		
St. Mary Lar	•	ration															ame :	V bas	Vell No.		
3. Address		1483011						3a. Phone	No. (inc	lude	area co	de)			#70						
580 Westlak		i Suite 6	00 Ho	uston, Tx	c. 77079			(281) 677-2	-								II No S				
4. Location	of Well (R	eport lo	cation	clearly	and in acco	ordance with F	ederal r	equirements,	*										Explorat	OFV	
A	1000	T3.17 42	A 17171											l					E UNIT	-	5
At sun:	ace 1980'	FNL, 43	WFE	LOUH					מכ	-05	:IV=	n		_					n Block		
At top j	prod. interv	al report	ted bal	low SA	ME				17-	il.	1 %	-			or	Area	SEC	35-TI	9S-R29E		
• • • • •		) (E							MA	4R 1	4 200	16		12	. Cou	inty o	r Par	ish	13. \$	tate	
	depth SA	ME						16. Date Co	<del>- OS</del> t	<del>) /1</del>	WHI E	ÊΝ	·	EDI					NM/		
14. Date 9	Spudded		1	5. Date	Γ.D. Reach	ed		16. Date Co	ompleted & A F	a Tira	eady to	Prod		17	. Ele	vatio	ons (I	OF, R	KB, RT,	GL)*	
01-05-06			D:	1-13-06					<u>_</u>		<b></b> ,			333	8' GI						
18. Total I	•				19. Pl	ug Back T.D	.: MD 4	544		20.	Depth	Bridg	e Plug	Set:	:	MD					
		/ID 460					TVD	4544		L						TVD					
21. Type El	ectric & O	ther Med	hanic	al Logs l	Run (Submi	t copy of each	1)		}	22.	Was				_	No.	_		Submit a	-	8)
*See #32												DST n tional			=	No No			Submit r Submit c		
23. Casing	and Liner	Record	Repo	rt all stri	ngs set in w	ell)				<u> </u>	Direc		00111	.,, .	٠ ي		<u> </u>	100 (	- John C	<b>-</b> (4)	
Hole Size	Size/Gra		t. (#/f		op (MD)	Bottom (MI	Stag	e Cementer Depth	No. e	of Sks of Ce			ny Vo BBL)	Я.	Ce	meni	Тор	•	Amo	unt Pul	led
17 1/2	13 3/8/H	40	48#		0	411'				**										Circ	
12 1/4	9 5/8/H-	40	32.2#		0	1525				***										Circ	
8 3/4	7/3-55		23#		0	3178				****				_				_		Circ	
6 1/4	4 1/2/3-	55	10.5#		0	4595'				****								_		Circ	
	<del> </del>			-					<b></b>	_								-			
24 Tubine	Passed					<u> </u>			<u> </u>												
24. Tubing Size		Set (MI	)) [P	ocker De	pth (MD)	Size	Dent	h Set (MD)	Packer	Denth	MD		Size		T D		Set (	(D)	Packer	Denth	(MD)
2 3/8		122	<del>" "</del>	DORCH DO	p.ii (1/22)	0120	124	11 501 (11115)	1 acker	Бери	i (MD)	<del>                                     </del>	Size		╫	chen	ser (	VII)	I acker	Lepui	(MD)
25. Produc	<del></del>						26.	Perforation	Record	<u> </u>		<del></del>			Щ.,				<u></u>		
	Formation	1		Т	OP	Bottom		Perforated	Interval		1	Size	1	No. F	Ioles	Т			Perf. Stat	118	
A) Delawar	te "C.							4193-4196; 4	206-4212			.4		4;	7	$\perp$			Open		
B)	···.					·		4220-4226; 4	248-4252	!	↓	.4		7;	9	$\perp$			Open		
<u>C)</u>								4258-4	264			.4		1	3	4			Ореа		
D)	C							···			<u> </u>					ı					
	Fracture, Tr Depth Inter		, Cem	ent Sque	eze, E.C.				mount a	nd Ty	me of h	Antonio	,1								
4193-4264				2500 gal	15% HCl: 7	5 bbls of flush 2	% HCI			210 1)	, pe or n	racii							<del></del>		
						7 70 70 71 71 71 71	70110,														
				**pumpe	d 200 sx Lea	35/65 C 12.8pg	og, Tail 15	0 sx C 14.8pp	no circ			·········				-					
				topped v	v/400sx C thr	u 1° in 7 stages (	cire 13 sx (	o surface													
-	ction - Inte		1=		r = = -	T	10	Ta:: -	·												
Date First Produced	Test Date	Hours Tested	Te: Pro	st eduction	Oil BBL	Gas MCF	Water BBL 223	Oil Gra Corr. A	vity Pi		ias Gravity		Produc		Metho	od		-			
2-11-06 Choke	3-1-06 Tbg. Press.	Csg.		Hr.	Oil	Gas	Water	Gas: Oil		-   w	Vell Statu		pump	F	<del>ICC</del>	EF	TE	ÜF	OR R	ECC	RD
Size	Flgw. SI	Press	Ra	" 	BBL	MCF	BBL	Ratio							Γ	•					<b>.</b>
28a Droch	ction - Inte	ruel B		Ш	L	اا	<del></del>			P	roducir	ıg		+-							<u> </u>
Date First	Test	Hours	Te		Oil	Gas	Water	Oil Grav	rity	Ta	ias		Produc	tion A	dethe	<del>   </del>	AAR	1	0 200	6	
Produced	Date	Tested	Pro	oduction	BBL	MCF	BBL	Corr. Al			Gravity	Ì		Ţ	T	=			Λ.	(,)	
Choke	Tbg. Press.	Call	124	Hr.	Oil	Gas	Water	Gas: Oil		1,	Vell State			-			XIS	٠. ٠	SWOD(	OBA ACC	J 
Size	Flwg.	Press		nte	Oil BBL	MCF	BBL	Ratio		"	eti vigi	u5		L	P	ETF	ROLI	EUM	ENGI	WEER	:

28b. Produc	210th - Hite	VAIC							<del></del>		
Date First Produced	Test Date	Hours Tested	Tes Pro	t duction	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg Press Flwg. SI	Cag. Press	24 I Rate		Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status		
28c Produc	tion - Inter	Val D	ــــــــــــــــــــــــــــــــــــــ	<del></del>	<u> </u>		<del></del>				
Date First	Test	Hours	Tes		Oil	Gas	Water	Oil Gravity	Gas	Production Method	<del></del>
Produced	Date	Tested	Pro	duction	BBL	MCF	BBL	Corr. API	Gravity		
Choke Size	The Press Flwg. SI	Cag. Press	24 Rat	Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	_	
29. Dispos	ition of Gas	(Sold use	d for	fuel, v	ented, etc.	)					
	ary of Poro			_					i	on (Log) Markers	
tests,	all import including d coveries.	ant zones o lepth interv	of po alte:	rosity sted, cu	and conter Ishion used	its thereof: ( , time tool o	Cored interv pen, flowing	als and all drill-ster and shut-in pressure	n ≈s		
Form	ation	Тор	,	Bottom		Descr	iptions, Con	ients, etc.		Name	Top Meas, Depth
			Γ		_						
Dala	ware	ļ			1		Oil		1	B/Salt	1213
Dell	ware		l						į.		•
					1					Queen	2671
			1						Į.	Delaware	3712
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		}	1		1				•		
		1	ĺ		-				l		
32 Addis	ional rema	rks (include	nlu	ooino r	mcedure).						<u> </u>
		•	•	· ·	-		ensity Comr	ensated Neutron/Gl	R: Geology Comp	ocite Log FMI/GR	
									a, deciegy comp	Spire mod 1 into Oir	
**** cmt'c	l ist stage i	50sx Lead	11.9	ppg Ta	iil 115sx 1	og, circ 171s 1.8ppg all "C all "C", circ	"; cmt'd 2nd	stage 120sx Lead 1	1.8ppg Tail 75sx	14.8ppg all "C", circ 41 sx to s	urface
						•	•	g - 13 <sup>.</sup> 3/8" 30 min @	g 600 psi, 9 5/8" :	30 min 750 psi, 7" 30 min 1400	) psi, 4 1//2" 30 min 1000
	e enclosed a	attachment	s:						**************************************		
	lectrical/Me			'I foll o	et reald )	2	Geologic Re	port 3 DST	Renort Ar	Directional Survey	
	undry Notic						Core Analys	=	-		
34. I her	eby certify	that the for	egoi	ng and	attached in	formation is	complete an	d correct as determine	ned from all avail	able records (see attached instr	uctions)*
Nam	e (please p	rint) Marcie	SL C	ermain	· · · · · · · · · · · · · · · · · · ·			Title Produc	tion Tech		
	=				•						
Sign	ature	Darcia	<u>.</u> ≤	<del>5+.</del> (-	<del>Z</del> om	<u>.</u>		Date 3-6-00	5		
Title 191	USC See	ion 1001 e	ad T		HeC e-	tion 1212 -		6		fully to make to any deportme	

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.

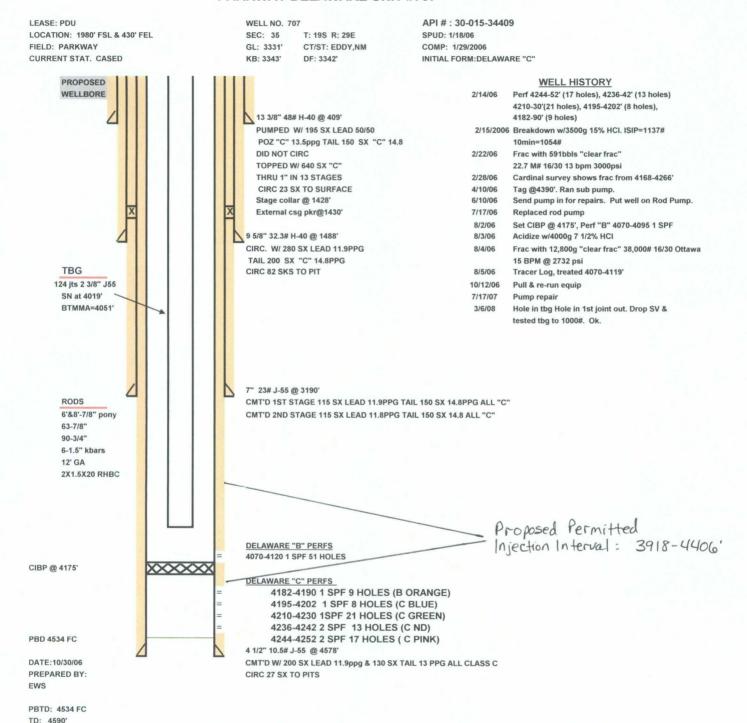
														WELLBORE SCHEMATIC	WELL LOCATION: 1980' FSL & 430' FEL FOOTAGE LOCATION	WELL NAME & NUMBER:Parkway Delaware Unit #707	OPERATOR:St. Mary Land & Exploration Co
4182		Total Depth:459	Top of Cement:Si	Cemented with:	Hole Size:6 1/		Top of Cement:Si	Cemented with:	Hole Size:12		Top of Cement:	Cemented with:	Hole Size:17		UNIT LETTER	30-0	
feet	Injection Interval	90'	Surface	330sx.	1/4"	Production Casing	Surface Surface	_480sxsx.	12 1/4" 8 3/4"	Intermediate Casing	Surface	985sx.	11/2"	WELL CONSTI	35 SECTION	15-34409	
to4252'	<u>nterval</u>		Method Determined: _Circulated	or	Casing Size:4 ½" @ 4578	Casing	Method Determined: _Circulated Circulated	or	Casing Size:9 5/8	Casing	Method Determined:	Or	Casing Size:13 3/8" @ 409"	WELL CONSTRUCTION DATA Surface Casing	19S TOWNSHIP		
Perf d_			:_Circulated	ft³	@ 4578'		:_Circulated Circulated	ft <sup>3</sup>	9 5/8" @ 1488" 7" @ 3190"		l:Circulated_	ft³	'8" @ 409°	<b> </b> 2	29ERANGE		

(Perforated or Open Hole; indicate which)

# INJECTION WELL DATA SHEET

ċ,	4;	$\dot{\omega}$	2.	<del></del>	Otl	Pac	Tul
Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:  N/A	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	Name of Field or Pool (if applicable):Parkway Delaware	Name of the Injection Formation:Delaware	Additional Data  Is this a new well drilled for injection?YesXNo  If no, for what purpose was the well originally drilled?Producer	/Casi	Dept	Tubing Size:2 3/8"Lining Material:Plastic Coated

# WELLBORE DIAGRAM PARKWAY DELAWARE UNIT #707



Form 3160-4 (September 2001)

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

OCD-ARTESIA

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

WELL CO	MPI FTION	OR RECOMPL	ETION REPORT	AND LOG
VILLE GO		OILLIA CHILL		

	WE	LL CC	OMPI	LETIC	ON OR RI	ECOMPLE	TION F	REPORT	AND	LOG	•			5. Leas 1 5486		ial No.		
la, Type of	f Well f Completi				as Well	Dry Oti		Injection W			Diff E	ecvr		6. If In	dian,	Allotte	e or Tribe Name	
b. Type of	Completi	on:			well 🗀 v	voik Over [	_ Deebe	n 🗀 riu	ig Dack	ب	DIII. F	CESVI.		7. Unit	or C	A Agre	ement Name and	No.
2 11	60		Ot	her									PA	RKWA	AY D	ELAW.	ARE UNIT	
2. Name o	_													8. Leas	se Nai	me and	Well No.	
St. Mary La		oration						3a. Phone	No (in	cluda	area ce	oda)	<u> </u>	U #70				
<ol><li>Addres</li><li>Westlal</li></ol>		el Cuita	600 U	loveton	T~ 77070			(281) 677-	•	ciuue i	ureu ci	uej		9. API				
						ordance with	Federal r	<del></del>		350	EIV	E []		-015-34				
								•	′ '	140		(L)	1				r Exploratory	
At surf	face 1980	FSL, 4	30' FE	L UL:I		•				APR	197	900					REUNIT 49625	
At top	prod. inter	vai repo	rted be	elow S	AME						uti		n L	or a	Area	SEC 35-	on Block and Su	
At tota	depth SA	AME												2. Cou	nty or	Parish	13. State	
14. Date	Spudded			15. Dat	e T.D. Reach	ned		16. Date C						7. Elev	vation	s (DF,	RKB, RT, GL)*	
1-18-06			,	-28-06			ĺ	LJ D	&A [	Re	eady to	Proa.	33	31'GL				
18. Total	Denth: M	D 459		-20-00	19 P	lug Back T.I	D.: MD 45	34		20.	Denth	Brids	e Plug St		MD			
IO. IOIUI		VD 45			1.7	105 2001 1.2	TVD			20.	Dopus	21,146			TVD			
21. Type E	lectric &: C	ther Me	echani	cal Log	s Run (Subm	nit copy of eac	h)			22.	Was	well c	ored?	Ø N	10 <u>[</u>	Yes	(Submit analysis)	,
										}		DST r				=	(Submit report)	
*See #32										L	Direc	tional	Survey?	☑ N	lo L	Yes	(Submit copy)	
23. Casing	and Lines	Kecor	a (Rep	ort all s	trings set in v	vell)	Stane	e Cementer	No	of Sks		Sin	ry Vol.					
Hole Size	Size/Gr		Nt. (#/	ft)	Top (MD)	Bottom (M	n, ı	Depth	i .	of Cer			BBL)	Cer	ment 1	op*	Amount Pull	ed 
17 1/2	13 3/8/H		48#	_		409'		·	├	**				┼			Circ	
12 1/4	9 5/8/H		32.3#		0	1488'			<del> </del>	****				╂			Circ	
6 1/4	7/J-55 4 1/2/J-		23# 10.5#	,	0	3190° 4578°			<del>}</del>	****				<del>                                     </del>			Circ	
0 1/4	4 11233	-	10.5			43/8								†			<u> </u>	
	1	_		$\neg \dagger \neg$		† — — — — — — — — — — — — — — — — — — —	_							$\top$			· · · · · · · · · · · · · · · · · · ·	
24. Tubing	Record								-									
Size	Depth	Set (M	D)   P	acker D	epth (MD)	Size	Depth	Set (MD)	Packer	Depth	(MD)		Size	De	pth Se	t (MD)	Packer Depth (	MD)
2 3/8																		
25. Produc							26. 1	Perforation		<u> </u>	<del></del>							
	Formation	n			TOP	Bottom		Perforated	interval		S	ize	No.	Holes	<u> </u>		Perf. Status	
A) Delawai	re "C"			<del> </del>				4182-4190; 4			┼	.4		); 8	<del> </del>		Open	
B)				<del> </del>				4210-4230; 4			╁──	.4		; 13	+-	·	Open	
D)								4244-4	232		├─	.4	-	17	-}		Open	
27. Acid, F	Fracture Ti	reatmen	t Cem	ent Sax	eeze Etc			<del></del>			İ	<b></b>						
	Depth Inter		.,	1	,			А	mount a	nd Ty	pe of M	lateria	i					
				2500 ga	ils 15% HCl; 7	5 bbls of flush 2	% HCl											
				**pump	ed 195 sx Lea	d 50/50 C 13.5p	pg, Tail 150	sx C 14.8ppg	no circ									
				topped	w/640sx C thr	u 1" in 13 stages	circ 23 sx	to surface										
28. Produc	Test	rval A Hours	ÌΤe	oct .	Oil	Gas	Water	Oil Grav	rity	Ga	10		Production	1				
Produced	Date	Tested		oduction	BBL	MCF 0	BBL 300	Corr. Al			avity					PTED	FOR RECO	ORD
2-28-06 Choke	4-2-06 Tbg. Press.	Csg.		Hr.	Oil	Gas	Water	Gas: Oil		we	ell Status		oump					<del>}-</del>
Size	Figw. Si	Press	Ra	te	BBL	MCF	BBL	Ratio		Pr	oducin	g				APR	1 7 2006	
28a. Produc	ction - Inte	rval B															,	
Date First Produced	Test Date	Hours Tested	Te	st oduction	Oil BBL	Gas MCF	Water BBL	Oil Grav Corr. AP		Ga	as avity		roduction	Method	Διι	-XIC (	C. SWOBODA	
																	UM ENGINEER	₹
Choke Size	Tbg. Press. Flwg.	Call Press		Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio		We	ell Statu:	3						
	21									1								
/See instri	ictions and	Snaca:	s for a	dditions	i data on ne	rt nana)												

ction - Inter	val C					-*			
Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Tbg Press Flwg. Si	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status		
ction - Inter	val D								
Test Date	Hours Tested	Test Productio	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
The Press Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status		
ition of Gas	(Sold use	d for fuel,	vented, et	c.)			···········		
all importa	ant zones	of porosity	and conte	ents thereof: ed, time tool o	Cored intervi open, flowing	als and all drill-ste and shut-in pressur	m	ion (Log) Markers	
ation	Тор	Bottor	n	Desc	riptions, Cont	ents, etc.		Name	Top Meas. Depth
ware	4182	4252			Oil Complet	ion		B/Salt Tansil Capitan Queen Delaware	1212' 1268' 1718' 2683' 3734'
	•				and Conn	and Name (CP	l. Cools Co	The Part of Pa	<u> </u>
280 sx Lead 1st stage 11 i w/200sx 1	111.9ppg, 5sx Lead 1.9 Lead &	Tail 200sx 11.9ppg Ta & 130sx Ta	"C" 14.8p ail 150sx 1 ail 13.0ppg	pg, cire 82sx 4.8ppg all "C ; all "C", cire	to pit "; cmt'd 2nd s 27sx to pits	stage 115sx Lead 11	.8ppg Tail 150sx	c 14.8ppg all "C"	9 psi, 4 1//2" 30 min 1000 ps
enclosed at	tachments	:							
		-					•	Directional Survey	***************************************
y certify th	at the fore	going and	attached in	formation is	complete and	correct as determin	ed from all avails	able records (see attached in:	structions)*
(please prin	nt) Marcie S	St. Germain				Title Product	ion Tech		
	Ma	, <	10			Date 4-6-06			
	Test Date  The Press Flwg. Si Si Si Si Si Si Si Si Si Si Si Si Si	Tbg Press Flwg. Si  Ction - Interval D  Test Date  The Press Si  The Press Csg. Flwg. Flwg. Si  The Press Si  The Press Si  The Press Si  Top  Top  Top  Top  Ware  4182  Top  Top  Ware  4182  Top  Top  Ware  4182  Top  Top  Top  Top  Top  Top  Top  To	Test Date Tested Production  Tbg Press Csg. 24 Hr. Rate  Sil Test Hours Test Production  Test Date Test Production  Test Date Test Production  Thg Press Csg. 24 Hr. Rate  Sil Tested Production  Thg Press Csg. 24 Hr. Rate  Sil Test Press Csg. 124 Hr. Rate  Sil Test Press Csg. 24 Hr. Rate  Ary of Porous Zones (Include Acall important zones of porosity including depth interval tested, coveries.  Ation Top Botton  Ware 4182 4252  280 sx Lead 11.9ppg, Tail 200sx 1st stage 11.5sx Lead 11.9ppg Tail w/200sx 11.9 Lead & 130sx Tail w/200sx Test Date Tested Production BBL  Tbg Press Csg. 24 Hr. Rate BBL  ction - Interval D  Test Date Hours Test Production BBL  Thg Press Csg. 24 Hr. Production BBL  Thg Press Csg. 24 Hr. Production BBL  Thg Press Csg. 24 Hr. BBL  Thg Press Csg. 24 Hr. BBL  Thg Press Csg. 24 Hr. Rate BBL  ition of Gas (Sold used for fuel, vented, et ary of Porous Zones (Include Aquifers): all important zones of porosity and contincluding depth interval tested, cushion use coveries.  ation Top Bottom  ware 4182 4252  4182 4252  At stage 115sx Lead 11.9ppg Tail 150sx 1 at w/200sx 11.9 Lead & 130sx Tail 13.0ppg  C-13 3/8" 47 hrs; 9 5/8" 7 hrs; 7" 10 hrs; 4 denciosed attachments: ctrical/Mechanical Logs (1 full set req'd.) addry Notice for plugging and cement verifical dry Notice for plugging procedure)	Test Date   Hours   Test   Production   BBL   Gas   MCF	Test Date Tested Production Dil BBL Gas BBL  Tog Press Csg. 24 Hr. Rate BBL Gas BBL Gas Flwg. Press Rate BBL Gas BBL G	Test Date Tested Production BBL MCF BBL Corr. API  Tog Press Cog. PA Hr. PBBL MCF BBL Gas: Oil Gravity  Tog Press Press Rate BBL MCF BBL Gas: Oil Ratio  Tog Press Cog. PA Hr. Oil Gas MCF BBL Oil Gravity  Date Tested Production BBL MCF BBL Oil Gravity  Tog Press Cog. PA Hr. Oil Gas MCF BBL Oil Gravity  The Press Press Rate BBL MCF BBL Corr. API  The Press Cog. PA Hr. Oil Gas Water Gas: Oil Flyg. Press Rate BBL MCF BBL Gas: Oil Ratio  Top Press Rate BBL MCF BBL Gas: Oil Ratio  Top Bottom Descriptions, Contents and all drill-steen clouding depth interval tested, cushion used, time tool open, flowing and shut-in pressur coveries.  Attion Top Bottom Descriptions, Contents, etc.  Ware 4182 4252 Oil Completion  Tog Bottom Descriptions, Contents, etc.  Oil Completion  Tog Bottom Descriptions, Contents, etc.  Ware 4182 4252 Oil Completion  Oil	Test   Hours   Trest   Dale	Heuri   Tested   Production   BBL   MCF   BBL   Corr. API   Gravity   Gravity   Production Method   Corr. API   Gravity   Production Method   Corr. API   Gravity   Production Method   Corr. API   Gravity	
# Affidavit of Publication

NO.

21054

STATE OF NEW MEXICO

County of Eddy:

**GARY D. SCOTT** 

being duly

of The

sworn, says: That he is the

**PUBLISHER** 

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 10, 2010

Second Publication

Third Publication -

Fourth Publication

Fifth Publication

Subscribed and sworn to before me this

10 Day

March

2010



OFFICIAL SEAL Jo Morgan

My commission expires:

Jo Morgan

Notary Public, Eddy County, New Mexico

# Copy of Publication:

NOTICE OF APPLICATION St. Mary Land & Exploration Well #505-1980' FSL & 760' Co., c/o P.O. Box 953, FWL of Sec. 35, T19S, R29E Midland, TX 79702 will file the 'Well #506-2635' FSL & 2640' New Mexico Conservation FEL of Sec. 35, T19S, R29E Division Form Application for Authorization to Inject, with the NMOCD Well #509-1210 FSL & 1210 seeking administrative 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: 19 Well #204-990' FNL & 940' FWL of Sec. 35, T19S, R29E X 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

INJECTION Well #304-1485' FNL & 1485' FEL of Sec. 35, T19S, R29E C-108, Well #507-2628' FSL & 1485' FEL of Sec. 35, T19S, R29E 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 Well #707-1980' FSL & 430' 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 sourced from the he at Delaware formation 4000' approximately duced water from 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

Affidavit o	of Publication NO. 21087	
STATE OF NEW MEXIC	00	
County of Eddy:		
GARY D. SCOTT		being duly
sworn,says: That he is th	ne PUBLISHER	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 da	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 31, 2010	
Second Publication		
Third Publication .	1	
Fourth Publication	0.2	14
Fifth Publication	m It Sight	agent, see the production of the constraints
Subscribed and sworn to	before me this	
31 Day	March	2010
OFFICIAL C	PEA:	

Jo Morgan

Jo Morgan

My commission expires

NOTARY PUBLIC-STATE OF MEW MEXICO

Notary Public, Eddy County, New Mexico

# Copy of Publication:

# LEGAL NOTICE

NOTICE OF INJEC-TION APPLICATION St. Mary Land & Exploration Co ., c/o P.O. Box 953, Midland, TX 79702 will file the Mexico New Conservation Division Form 2. . . . . . C-108, Application Authorization to Inject, with the NMOCD seekadministrative. ing approval for waterflood injection expansion into their Parkway Delaware Unit, Well #706, located 1980' FNL & 430' FEL of Sec 35, T19S, R29E, Eddy County, NM. The proposed injection interval is from 3918-4406' The proposed maximum surface pressure is 980 psi., with a maximum injection rate of 1500 bbls water per day. The injection water will be sourced from area formation Delaware 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 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 31, 2010.

Legal No. 21087

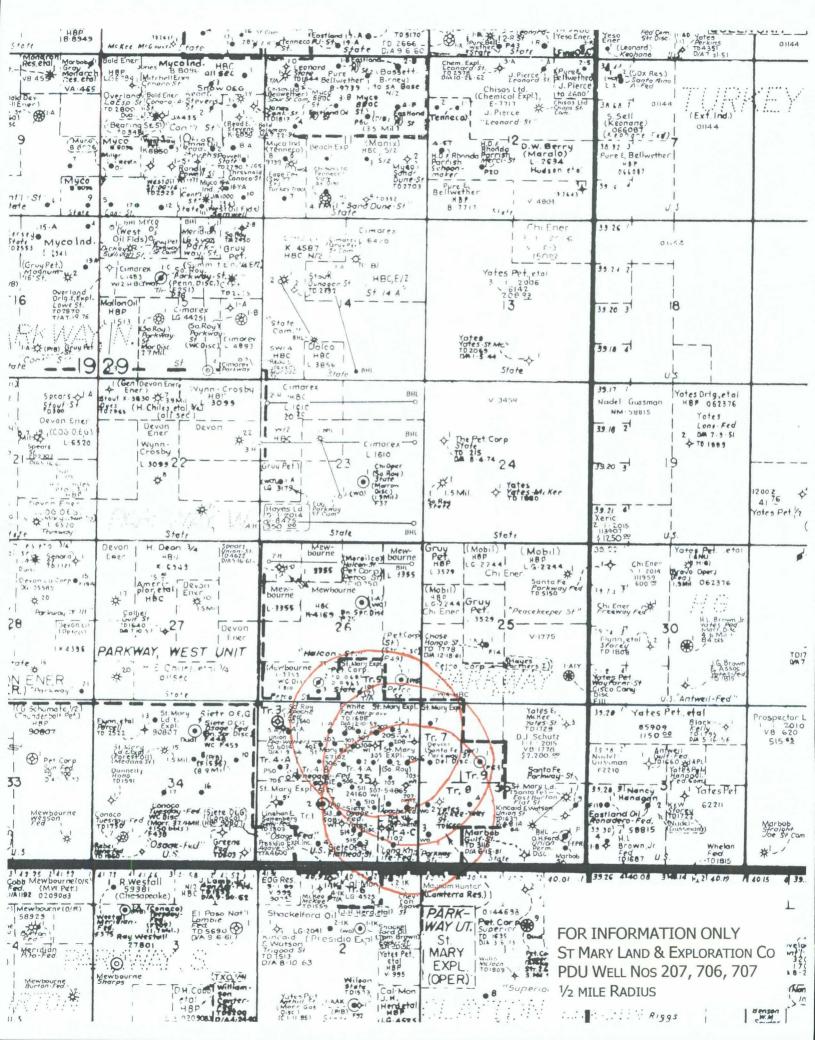
### Martin Water Laboratories, Inc.

P.O. BOX 98 MIDLAND, TX. 79702 PHONE (432) 683-4521 709 W. INDIANA MIDLAND, TEXAS 79701 FAX (432) 682-8819

RESULT OF WATER ANALYSES 310-249 LABORATORY NO. Mr. Brian Huzzey 3-26-10 SAMPLE RECEIVED . 3300 N. "A" Street, Suite 200, Midland, TX 79705 3-29-10 RESULTS REPORTED\_\_ COMPANY St. Mary Land & Exploration Parkway Delaware Unit #513 LEASE . Parkway FIELD OR POOL Eddy NM SECTION \_\_\_\_\_ BLOCK \_ SURVEY\_ COUNTY. STATE \_ SOURCE OF SAMPLE AND DATE TAKEN: Submitted water sample - taken 3-25-10. NO. 2 .... NO.3 \_\_\_ NO.4 \_ Delaware REMARKS: CHEMICAL AND PHYSICAL PROPERTIES NO. 3 NO. 4 NO. 1 NO. 2 Specific Gravity at 60° F. 1.0810 pH When Sampled 6.84 pH When Received 366 Bicarbonate as HCO<sub>3</sub> Supersaturation as CaCO, Undersaturation as CaCO, Total Hardness as CaCO<sub>1</sub> 31,000 Calcium as Ca 10,600 Magnesium as Mg 1,094 Sodium and/or Potassium 28,791 Sulfate as SO. 1,118 Chloride as CI 65,337 Iron as Fe 0.70 Barium as Ba 0 Turbidity, Electric Color as Pt Total Solids, Calculated 107,306 Temperature \*F. Carbon Dioxide, Calculated 95 Dissolved Oxygen, Hydrogen Sulfide 64.0 Resistivity, ohms/m at 77° F. 0.091 Suspended Qii NAMES OF THE RESERVE AND THE PROPERTY OF THE P Mod-Severe xXxxxxxxxxxBarium Sulfate Scaling Tendency None CaCO3 S.I. @ 77° F. (Stiff-Davis) 0.71 CaCO3 S.I. @ 122° F. (Stiff-Davis) 1.28 Calcium Sulfate Scaling Tendency Marginal Results Reported As Milligrams Per Liter Additional Determinations And Remarks CaCO3 S.I. - A positive fig. signifies a scaling potential proportionate to the magnitude of the number, and a negative fig. signifies no scaling potential. Please feel free to contact us for any details or discussions concerning these results.

Form No. 3

Greg Ogden, B.S.



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

# St. Mary Parkway Delaware Unit Well #207 API 30-015-34121 Radius

Operator	Lease/Well	API	Location	Date Drilled	Ð	Status
Emmett D White	Federal Hargrave White #1	30-015-03617	H-35-195-29E; 660' FNL & 660' FEL	11/24/1959	1,688	P&A
Linehan & Stoltenberg	Getty Federal #1	30-015-03618	L-35-19S-29E; 1980' FSL & 660' FWL	5/11/1960	1,605	P&A
Union Oil Company of California	Federal Walter #1-35	30-015-03619	D-35-195-29E; 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-35-19S-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
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-35-195-29E; 1980' FSL & 2080' FWL	1/25/1989	1,705	TA
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
St Mary Land & Exploration Co	Parkway Delaware Unit #206	30-015-34128	B-35-19S-29E; 1000' FNL & 2452' FEL	10/31/2005	4,600	Producing
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 #502	30-015-25984	K-35-19S-29E; 1980' FSL & 1980' FWL	10/2/1988	5,000	Producing

Operator	Lease/Well	API	Location	Date Drilled	ΤD	Status
St Mary Land & Exploration Co	Parkway Delaware Unit #506	30-015-27464	J-35-195-29E; 2635' FSL & 2640' FEL	6/6/1993	4,750	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
St Mary Land & Exploration Co	Parkway Delaware Unit #509	30-015-30030	P-35-19S-29E; 1210' FSL & 1210' FEL	1/15/1998	4,400	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-35-19S-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 #701	30-015-26025	I-35-195-29E; 1980' FSL & 990' FEL	12/12/1988	4,500	Producing
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-35-19S-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-35-19S-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 #514	30-015-34130	0-35-195-29E; 1210' FSL & 2065' FEL	11/21/2005	4,607	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #515	30-015-34407	K-35-19S-29E; 1300' FSL & 1675' FWL	2/7/2006	4,600	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
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-35-195-29E; 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

				Date		
Operator	Lease/Well	API	Location	Drilled	đ	Status
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 #707	30-015-34409	1-35-19S-29E; 1980' FSL & 430' FEL	1/18/2006	4,590	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 36 State #1	30-015-25671	F-36-19S-29E; 1980' FNL & 1980' FWL	12/3/1986	12,100	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #901	30-015-26077	E-36-195-29E; 1980' FNL & 330' FWL	5/11/1989	4,790	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #902	30-015-26078	D-36-19S-29E; 660' FNL & 330' FWL	9/14/1989	4,850	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #921	30-015-26070	L-36-19S-29E; 1980' 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
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	0-26-19S-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
Metex Pipe & Supply	Parkway State #1	30-015-25789	M-25-19S-29E; 890' FSL & 560' FWL	8/19/1987	3,947	P&A

# St. Mary Parkway Delaware Unit Well #706 API 30-015-34408 Radius

St Mary Land & Exploration Co	Parkway Delaware Unit # 801	30-015-26012	P-35-19S-29E; 660' FSL & 810' FEL	12/13/1988	6,002	Producing
Emmett D White	Federal Hargrave White #1	30-015-03617	H-35-195-29E; 660' FNL & 660' FEL	11/24/1959	1,688	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 #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 #503	30-015-26007	O-35-19S-29E; 660' FSL & 1910' FEL	11/2/1988	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

				7		
Operator	Lease/Well	API	Location	Drilled	Ę.	Status
St Mary Land & Exploration Co	Parkway Delaware Unit #701	30-015-26025	I-35-19S-29E; 1980' FSL & 990' FEL	12/12/1988	4,500	Producing
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
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
Siete Oil & Gas Corporation	Renegade Federal #4	30-015-26050	F-35-195-29E; 1980' FNL & 2094' FWL	2/21/1990	ļ ;	Never Drilled
St Mary Land & Exploration Co	Osage Federal #7	30-015-26051	K-35-195-29E; 1980' FSL & 2080' FWL	1/25/1989	1,705	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #201	30-015-26063	C-35-195-29E; 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-35-195-29E; 990' FNL & 1980' FEL	4/3/1989	4,550	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #204	30-015-26143	D-35-195-29E; 990' FNL & 940' FWL	7/13/1989	4,550	Active Injector
St Mary Land & Exploration Co	Parkway Delaware Unit #704	30-015-30028	1-35-19S-29E; 1450' FSL & 330' FEL	1/26/1998	4,400	Active Injector
St Mary Land & Exploration Co	Parkway Delaware Unit #303	30-015-27445	F-35-195-29E; 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-35-195-29E; 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
St Mary Land & Exploration Co	Parkway Delaware Unit #509	30-015-30030	P-35-195-29E; 1210' FSL & 1210' FEL	1/15/1998	4,400	Active Injector
St Mary Land & Exploration Co	Parkway Delaware Unit #305	30-015-33071	G-35-195-29E; 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-35-195-29E; 2520' FNL & 990' FEL	12/10/2003	4,540	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #306	30-015-33711	G-35-195-29E; 2090' FNL & 2430' FEL	11/17/2004	4,620	Producing

				Data		
Operator	Lease/Well	API	Location	Drilled	₫	Status
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
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-35-195-29E; 995' FNL & 1461' FEL	5/23/2005	4,590	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #206	30-015-34128	B-35-19S-29E; 1000' FNL & 2452' FEL	10/31/2005	4,600	TA
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 #514	30-015-34130	O-35-19S-29E; 1210' FSL & 2065' FEL	11/21/2005	4,607	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #515	30-015-34407	K-35-19S-29E; 1300' FSL & 1675' FWL	2/7/2006	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 #707	30-015-34409	1-35-195-29E; 1980' FSL & 430' FEL	1/18/2006	4,590	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 36 State #1	30-015-25671	F-36-19S-29E; 1980' FNL & 1980' FWL	12/3/1986	12,100	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #921	30-015-26070	L-36-19S-29E; 1980' FSL & 330' FWL	3/10/1989	5,000	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #922	30-015-26074	M-36-19S-29E; 990' FSL & 330' FWL	5/2/1989	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	9/11/1989	1	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
St Mary Land & Exploration Co	Parkway Delaware Unit #902	30-015-26078	D-36-195-29E; 660' FNL & 330' FWL	9/14/1989	4,850	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #101	30-015-26112	0-26-195-29E; 330' FSL & 1980' FEL	6/27/1989	4,730	Producing
Metex Pipe & Supply	Parkway State #1	30-015-25789	M-25-195-29E; 890' FSL & 560' FWL	8/19/1987	3,947	P&A

Operator	
Lease/Well	
API	
Location	
Drilled	Date
TD	
Status	

# St. Mary Parkway Delaware Unit Well #707 API 30-015-34409 Radius

Emmett D White	Federal Hargrave White #1	30-015-03617	H-35-195-29E; 660' FNL & 660' FEL	11/24/1959	1,688	P&A
St Mary Land & Exploration Co	Parkway Delaware Unit #921	30-015-26070	L-36-19S-29E; 1980' FSL & 330' FWL	3/10/1989	5,000	Producing
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-36-195-29E; 1980' FSL & 1650' FWL	7/26/1989	5,000	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #503	30-015-26007	O-35-19S-29E; 660' FSL & 1910' FEL	11/2/1988	5,000	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #901	30-015-26077	E-36-195-29E; 1980' FNL & 330' FWL	5/11/1989	4,790	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit #902	30-015-26078	D-36-19S-29E; 660' FNL & 330' FWL	9/14/1989	4,850	Producing
St Mary Land & Exploration Co	Parkway Delaware Unit # 801	30-015-26012	P-35-195-29E; 660' FSL & 810' FEL	12/13/1988	6,002	Producing
St Mary Land & Exploration Co	Parkway 36 State #1	30-015-25671	F-36-19S-29E; 1980' FNL & 1980' FWL	12/3/1986	12,100	Producing
Santa Fe Energy Operating Partners LP	Parkway 36 State #5	30-015-26076	N-36-195-29E; 990' FSL & 1650' FWL	9/11/1989	1	Never Drilled
St Mary Land & Exploration Co	Agave IK State #1	30-015-26169	C-2-20S-29E; 330' FNL & 2310' FWL	8/30/1989	5,000	TA
Chevron USA Inc	Agave IK State #2	30-015-26170	A-2-20S-29E; 330' FNL & 990' FEL	5/24/1999	1	Never Drilled?
St Mary Land & Exploration Co	Parkway Delaware Unit #601	30-015-26433	B-2-20S-29E; 330' FNL & 1650' FEL	7/26/1990	4,500	Producing
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-35-195-29E; 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	ТА
St Mary Land & Exploration Co	Parkway Delaware Unit #701	30-015-26025	1-35-195-29E; 1980' FSL & 990' FEL	12/12/1988	4,500	Producing
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-35-195-29E; 1980' FNL & 2094' FWL	2/21/1990		Never Drilled
St Mary Land & Exploration Co	Osage Federal #7	30-015-26051	K-35-195-29E; 1980' FSL & 2080' FWL	1/25/1989	1,705	Producing

				Data		
Operator	Lease/Well	API	Location	Drilled	đ	Status
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 #303	30-015-27445	F-35-195-29E; 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	1	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	1-35-195-29E; 2610' FSL & 430' FEL	2/5/1998	4,400	Active Injector
St Mary Land & Exploration Co	Parkway Delaware Unit #704	30-015-30028	1-35-195-29E; 1450' FSL & 330' FEL	1/26/1998	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-35-19S-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-35-195-29E; 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

	Parkway Delaware Unit #509	·	St Mary Land & Exploration Co Parkway Delaware Unit #504 30-015-26028			St Mary Land & Exploration Co Parkway Delaware Unit #707 30-015-34409		St Mary Land & Exploration Co Parkway Delaware Unit #515 30-015-34407	St Mary Land & Exploration Co Parkway Delaware Unit #514 30-015-34130	St Mary Land & Exploration Co Parkway Delaware Unit #402 30-015-34129	St Mary Land & Exploration Co Parkway Delaware Unit #206 30-015-34128	Operator Lease/Well API
·	P-35-19S-29E; 1210' FSL & 1210' FEL	J-35-19S-29E; 1350' FSL & 2520' FEL	N-35-19S-29E; 660' FSL & 1980' FWL	K-35-19S-29E; 1980' FSL & 1980' FWL	H-35-19S-29E; 1438' FNL & 969' FEL	I-35-195-29E; 1980' FSL & 430' FEL	H-35-19S-29E; 1980' FNL & 430' FEL	K-35-19S-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	Location
	1/15/1998	1/1/1998	12/1/1988	10/2/1988	12/7/2005	1/18/2006	1/2/2006	2/7/2006	11/21/2005	6/9/2005	10/31/2005	Date Drilled
	4,400	4,400	5,000	5,000	4,580	4,590	4,600	4,600	4,607	4,600	4,600	₫
	Active Injector	Active Injector	Producing	Producing	Producing	Producing	Producing	Producing	Producing	Producing	ТА	Status

Well Name & No.: Emmitt D White - Federal Hargrave White #1

Field:

KB:

Wildcat

Location:

660' FNL & 660' FEL, Sec 35, T19S, R29E

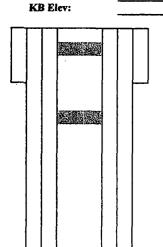
County: **GR** Elev: Eddy 3325.0 State: NM **API #:** 

Spud Date:

30 015 03617 11/24/59

Compl. Date:

12/09/59 P & A Date: 12/11/59



8 5/8" 28# csg Set @ 382'

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

TD: 1688', PBTD:

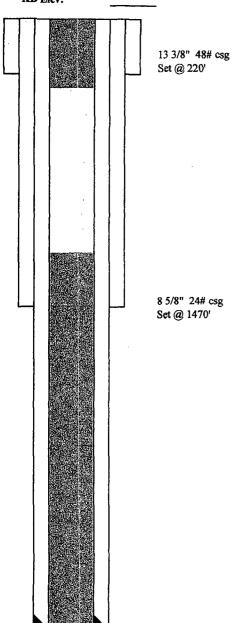
Well Name & No.: Linehan & Stoltenberg - Getty Federal #1 Field: Undesignated 1980' FSL & 660' FWL, Sec 35, T19S, R29E Location: 30 015 03618 County: State: NM API#: Eddy 05/11/60 GR Elev: 3315.0 Spud Date: KB: Compl. Date: N/A 05/31/60 KB Elev: P & A Date: WELL HISTORY 5/11/60: Spud 10 3/4" 40# csg Set @ 169' Top of Seven Rivers by log is 1657' Encountered strong flow of sulphur water @ 1650'-1688' Well P&A 12/10/59 8 5/8" 24# csg Plug #1 - Cmt plug 1150-1100' Set @ 264' - Mudded 1605-1150' Plug #2 - Cmt plug 500-425' - Mudded 1100-500' Plug #3 - Cmt plug 500-surface' - Mudded 500-surface' 7" 14# csg \*All info per Sundries on OCD web site Set @ 435'

TD: 1605', PBTD:

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 Spud Date: GR Elev: 3319.0 DF 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, T198, R29E Location: County: Eddy 30 015 26291 State: NM API#: GR Elev: 3311.0 05/02/90 Spud Date: KB: Compl. Date: 12/27/55 KB Elev: P & A Date: 01/24/91



WELL HISTORY 5/2/90: Spud

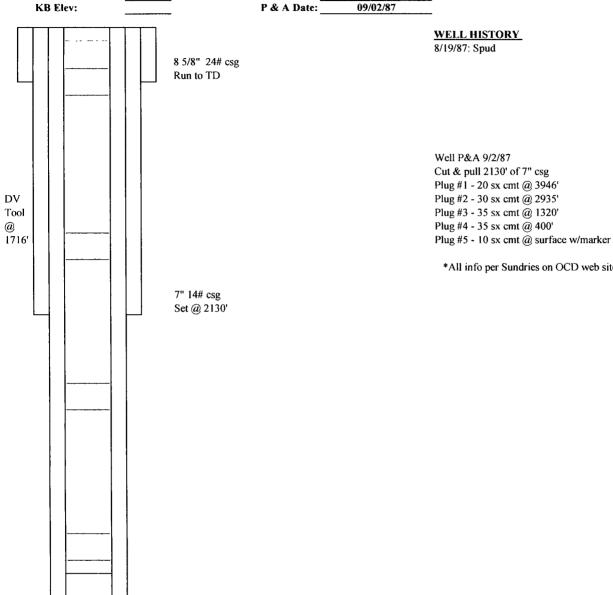
Well P&A 1/24/91

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

TD: 1540', PBTD:

Well Name & No.: Metex Pipe & Supply - Parkway State #1 Field: Wildcat Delaware 890' FSL & 560' FWL, Sec 25, T19S, R29E Location: 30 015 25789 County: Eddy State: NM API#: GR Elev: 08/19/87 3328.0 Spud Date: KB: Compl. Date: N/A 09/02/87 KB Elev: P & A Date:



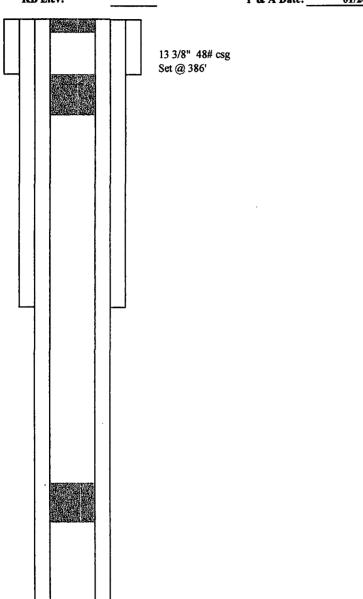
TD: 3947'; PBTD: 3943'

Cut & pull 2130' of 7" csg

Plug #1 - 20 sx cmt @ 3946'

\*All info per Sundries on OCD web site

Well Name & No.: St Mary L&E - PDU #512 Field: Parkway Delaware 2615' FSL & 1980' FWL, Sec 35, T19S, R29E Location: 30 015 26291 State: NM County: API#: Eddy 01/07/05 **GR Elev:** 3308.0 Spud Date: KB: N/A Compl. Date: KB Elev: P & A Date: 01/26/05



TD: 2326', PBTD:

WELL HISTORY

1/7/05: Spud 17 1/2" hole

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

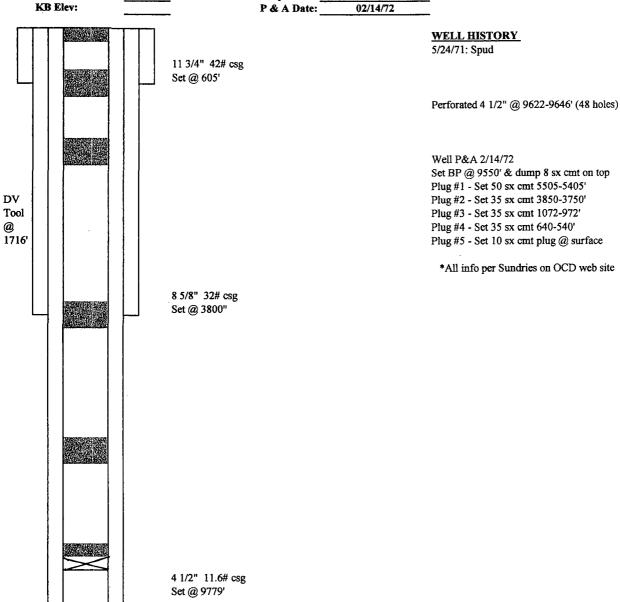
\*All info per Sundries on OCD web site

Well Name & No.: St Mary L&E - PDU #307 Field: Parkway Delaware Location: 1560' FNL & 2060' FEL, Sec 35, T19S, R29E County: Eddy 30 015 26291 API#: State: NM GR Elev: 3315.0 04/29/05 Spud Date: KB: Compl. Date: N/A KB Elev: P & A Date: 01/08/05 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: State: NM API#: Eddy 30 015 26291 GR Elev: 3340.0 Spud Date: 05/24/71 KB: Compl. Date: 07/05/71



EXPANSION OF EXISTING INJECTION PROJECT, FORM C-108 PARKWAY DELAWARE UNIT #207 ST. MARY LAND & EXPLORATION COMPANY

# **OPERATORS WITHIN ONE HALF MILE RADIUS**

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CHEVRON (FORMERLY UNION OIL)
 ST. MARY LAND & EXPLORATION C

ST. MARY LAND & EXPLORATION CO

MEWBOURNE OIL CO

11111 S WILCREST PO Box 2070

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

MIDLAND, TX 79705 Houston, TX 77099 HOBBS, NM 88240

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 APRIL 13, 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 #706
Expansion of Existing Injection Project, Form C-108

# **OPERATORS WITHIN ONE HALF MILE RADIUS**

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2. ST. MARY LAND & EXPLORATION CO

3. MEWBOURNE OIL CO

4. SANTA FE ENERGY OPERATING PTNRS LP

PO Box 2070 3300 N"A" ST BLDG 7 STE 200 PO Box 5270

1616 S Voss STE 600

Hobbs, NM 88240
MIDLAND, TX 79705
Hobbs, NM 88241
Houston, TX 77057

A COPY OF THE OCD FORM C-108 DATA SHEET & MAP HAVE BEEN SENT BY CERTIFIED MAIL TO THE ABOVE PARTIES ON APRIL 13, 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 #707
Expansion of Existing Injection Project, Form C-108

# OPERATORS WITHIN ONE HALF MILE RADIUS

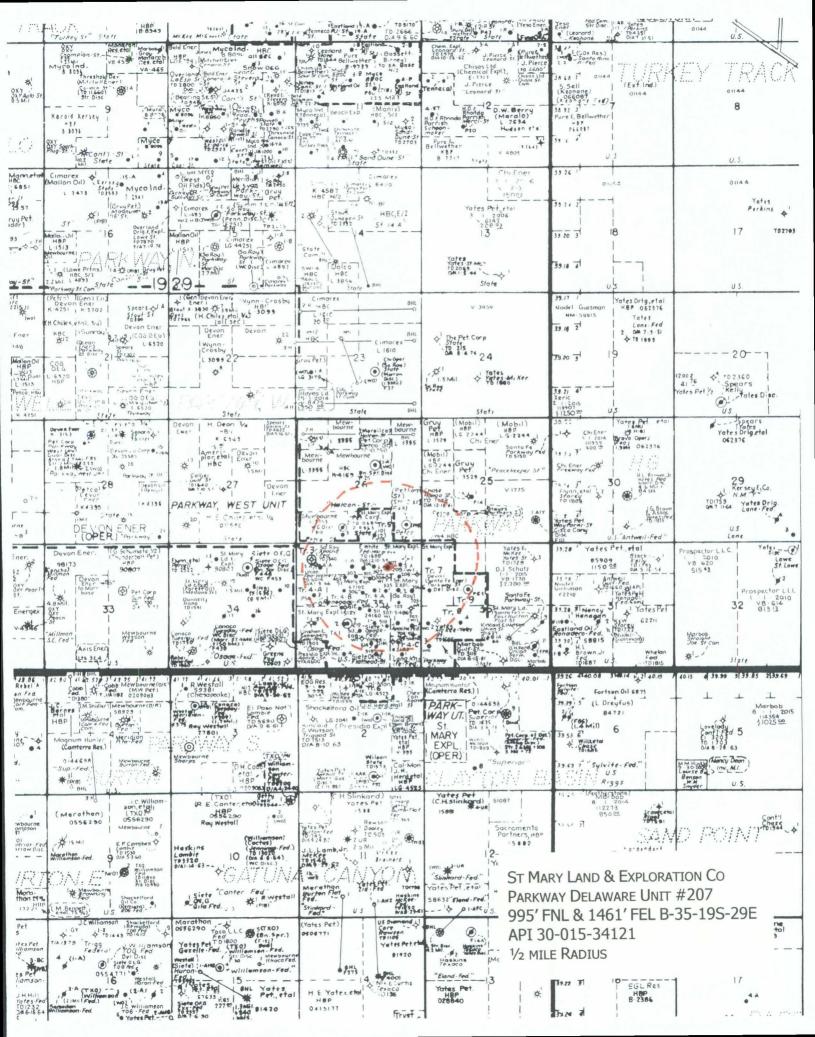
- 1. CHEVRON (FORMERLY UNION OIL)
- ST. Mary Land & Exploration Co
   Santa Fe Energy Operating Ptnrs LP
- 11111 S WILCREST 3300 N"A" ST BLDG 7 STE 200 1616 S VOSS SUITE 600

HOUSTON, TX 77099 E 200 MIDLAND, TX 79705 HOUSTON, TX 77057

A COPY OF THE OCD FORM C-108 DATA SHEET & MAP HAVE BEEN SENT BY CERTIFIED MAIL TO THE ABOVE PARTIES ON APRIL 13, 2010.

ANN E. RITCHIE, REGULATORY AGENT

ST. Mary Land & Exploration Co. 3300 N "A" ST, BLDG 7, SUITE 200 MIDLAND, TX 79705



(SUBMIT IN TRIPLICATE)

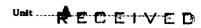
**GEOLOGICAL SURVEY** 

### UNITED STATES **DEPARTMENT OF THE INTERIOR**

Budget Bureau No. 42-R888.4. Approval expires 12-31-60.

Land Office New Mexico

Lease No. NN=01523



NOV 2 3 1960

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

NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF WATER SHUT-OFF
	JRE OF REPORT, NOTICE, OR OTHER DATA)

I		December 10, £// 19 59
WHITE NO. 1 PEDERAL		
Well No1 is located	1660 ft. from N line and	660 ft. from (E) line of sec. 35
G-NE Nec, and Sec, No. 35,	19 C (Range)	(Meridian)
	(Santy or Subdivision)	(State of Territory)
The elevation of the d	above sea level is 3325. ft.	
	DETAILS OF WORK	
(State names of and expected depths to ob	jective sands; show sizes, weights, and length ing points, and all other important propos	ns of proposed casings; indicate mudding jobs, cement- sed work)

Top of Seven Rivers by log is 1657' knoountered strong flow of sulphur water at 1650 which increased to TD of 1688. Fill up in 8" hole was 1100' in five hours. Could not lower water level

with bailer.

Well plugged and abandoned 12-10-59. Coment plug 1638' to 1688'; Mudded 1220' to 1636'; Cement plug 1170' to 1220'; Mudded 450' to 1170'; Cement plug 400' to 450'; Mudded 220' to 400', Cement 2208 plug 125' to 226', Nudded to surface and 5' marker cemented.

December 11, 1949 - Newton out ris.

		£1 Y	,
I understand that this	olan of work must receive approval in writin	by the Geological Survey before operations may be comme	nced.
Company		·	
Address	munici allice	·	
ilosw	ell, New Mexico	Ву	
************		Title	

145

45

Red bods and mad

The summary on the mage is for the condition of the well at above date

Title.

lug \_\_\_\_1638 \_\_1688

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1511

TOTAL PERT

54, 331 %

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FOAM AM DA

Form 9-381 a (Feb. 1951)

127 121

(SUBMIT IN TRIPLICATE)

Land Office Sente Fe

Loase No. NM-01523-A

UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

MOV 28 1960

# SUNDRY NOTICES AND REPORTS ON WELLS

<del></del>			1 11			
NOTICE	OF INTENTION TO DRILL		SUBSEQUENT	REPORT OF WATER	SHUT-OFF	
i	OF INTENTION TO CHANGE F		i it		ING OR ACIDIZING	1 1
1	OF INTENTION TO TEST WAT		1 11	REPORT OF ALTER	ING CASING	
	OF INTENTION TO RE-DRILL			REPORT OF RE-DRI	LLING OR REPAIR	
1	OF INTENTION TO SHOOT OF		1 11		ONMENT	1 1
l l	OF INTENTION TO PULL OR		1 11			1 1
NOTICE	OF INTENTION TO ABANDON	WELL				
l	(INDICA	ATE ABOVE BY CHECK MAR	K NATURE OF REPOR	T, NOTICE, OR OTHE	R DATA)	
			June	20	<b></b>	, 1960
	y Federal					
Well N	o. 1 is locat	ted 1980 ft. from	$n = \{c\}$ line and	d660 ft. fr	om will line of s	ec35
	_		,		,	,
NA B	<b>Sec.</b> 35 (½ Sec. and Sec. No.)	1 <b>95</b>	Z9E	N.M.P	. Fi .	
<u>u</u> .n!	designeted (Field)	(County	or Subdivision)		(State or Territory)	
			. 331 4	•		
The ele	evation of the derrick	: floor above sea le	evel is	it.		
		DETA	ILS OF WOR	· K		
(State na:	mes of and expected depths to	o objective sands; show si ing points, and all	zes, weights, and ler other important pro	ngths of proposed ca oposed work)	sings; indicate muddin	ig jobs, cement-
May 3: Well of ges of Filled 7" pir Knocke Filled and of Conductall recompany to the company of	re plugged thi 1, 1960 as fol drilled to a t r water below 1 with mud to 1 with mud to 1 e set at 435. 2 off 7* pipe 2 with mud to 1 eaned up loca 2 tor strings (1 2 ecovered. 2 arstand that this plan of worl 3 my Lineh	lows: otaldepth of surface wate 1150 and wit 500 feet and at 152.80 f surface, came tion 165 feet of	ret 225- h cement put a plu eet and punted same 10 3/4 au	t and ence 33 to 1100. ug of ceme ulled same , put up on	ent 500-425 regulation set of 8 5/8	oil, up into
Addres	s Box 969			6	11	12
	idland, Texas		· · · · · ]	Ву ///	14/11/11	men
**********			T	itle	gent	

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180

The search to

### P. O. Box 187 Artesia, New Mexico

March 7, 1956

Union Gil Company of California 619 West Texas Avenue Midland, Texas

Re: Oil and Gas Lease NM Ol523-A

Gentlemen:

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

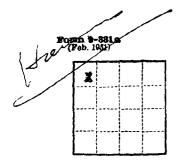
Very truly yours,

John A. Frost District Engineer

JAF:

Inspected by John A. Frost Pebruary 29, 1956

141



### (SUBMIT IN TRIPLICATE)

# UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Land Offic	<b></b>
Lease No.	B.M1313-4
Unit	· ·
***************************************	***************************************

### SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	su	BSEQUENT REPORT OF WATER SHUT-OFF	<b> </b>		
NOTICE OF INTENTION TO CHANGE PLA	.NS SUI	ESEQUENT REPORT OF SHOOTING OR ACIDIZING			
NOTICE OF INTENTION TO TEST WATER	SHUT-OFF	SEQUENT REPORT OF ALTERING CASING			
NOTICE OF INTENTION TO RE-DRILL OF	REPAIR WELL SU	SEQUENT REPORT OF RE-DRILLING OR REPAIR			
NOTICE OF INTENTION TO SHOOT OR A	CIDIZE	ESEQUENT REPORT OF ABANDONMENT	5		
NOTICE OF INTENTION TO PULL OR AL	TER CASINGSU	PLEMENTARY WELL HISTORY			
NOTICE OF INTENTION TO ABANDON W	FLL				
(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)					
(INDICATE	ABOVE BY CHECK MARK NATURE	A STATE OF THE STA	, 19		
'ell No is locate	d ft. from [N]	line and the ft. from W line of sec	c <b>35</b>		
(36 See, and See, No.)	(Twp.) (Range)	(Meridian)			
		Not Bulley			
(Field)	(County of Subdivis	ion) (State or Territory)			
ne elevation of the derrick f	loor above sea level is  DETAILS OF				
ate numes of and expected depths to o		s, and lengths of proposed casings; indicate mudding	jobs, cem		
	4455-4645				
	A STATE OF THE PARTY OF THE PAR	to the 2-state energy to 2011.			
ISMA SIMPLE TO JAM	3215-3255	(130-1260			
home or have some	f enemands a m				
I understand that this plan of work n	iust receive approval in writing b	y the Geological Survey before operations may be com	menced.		
mpany					
dress	Arrows				
TOT AND TOTAL TOTAL TRANSPORTED TOTAL TRANSPORTED TO THE PERSON AND THE PERSON AN	*				
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	<b>L</b>	By Pur. Yalus	A		

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Form 9-881a

### (SUBMIT IN TRIPLICATE)

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

Land Off	ice		·
Lease No.	S.S.	(0.98)	
Unit			

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OR REPAIR.
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rations may be commenced.

MARK

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Form 3160-5 (September 2001)

1

### **UNITED STATES** DEPARTMENT OF THE UNITERDOES. BUREAU OF LAND MANAGENTY DIST. 2

FORM APPROVED OMB No. 1004-0135

Expires January 31, 2004

5. Lease Designation and Serial No.

SUNDRY NO	1	NM24160						
Abandoned well.	Use Form 3160-3 (APD) fo	r such propos	als.	6. If Indian, Allo	ttee or Tribe	Name		
SUBMIT IN TRIPLI	CATE – Other instructions	on reverse sid	'e	7. If Unit or CA/	7. If Unit or CA/Agreement, Name and/or No.			
1. Type of Well				Parky	Parkway Delaware Unit			
p				N	NMNM88491X			
X   Oil Well	Gas Well	Other						
2. Name of Operator	etian Co. ala Namaa Da	tralaum Car	aaratian	8. Well Name an PDU				
St. Mary Land & Explora  3. Address and Telephone No.	mon Co. c/o Nance Fe	Holeum Con	Joranon	9. API Well No.	#301			
P.O. Box 7168, Billings,	MT 59103, Phone 406	6-245-6248		4	<b>5-2596</b> 0			
4. Location of Well (Footage, Sec., T., I				10. Field and Poo	ol, or Explora	tory Area		
1980' FSL & 1980' FEL				Parkw	ay Delaw	/are		
Sec. 35-T19S-R29E UL:	J			11. County or l	Parish, State	2		
				Eddy	Co., NM	[		
12. CHECK APPRO	PRIATE BOX(s) TO INDI	CATE NATU	E OF NOT	ICE, REPORT, C	R OTHER	R DATA		
TYPE OF SUBMISSION			TYPE OF A	CTION				
Notice of Intent	Acidize	Deepen	Ε	Production (Star	t/Resume)	Water Shut-Off		
	X Alter Casing	X Fracture	reat [	Reclamation		Well Integrity		
x Subsequent Report	Casing Repair	New Cons	struction [	Recomplete		Other		
	Change Plans	Plug and	Abandon [	Temporarily Aba	indon			
Final Abandonment Notice	Convert to Injection	Plug Back		Water Disposal				
13. Described Proposed or Completed Cothereof. If the proposal is to deepen dire and zones. Attach the Bond under which within 30 days following completion of the shall be filed once testing has been compute operator has determined that the site 12/5-10/02 RU. POOH scanology on SL and SI for weekend buildured 189' and BD new perfs w/ 1500 12/13-18/02 RU POOH w/ rods, rest of WE. Recover BHP tools. POOH w/ WS. Run post frac log 12/23/02 Tested 92 BO ÷ 45 BW	ctionally or Recomplete horizontal the work will be preformed to protect the involved operations. If the operations is ready for final Abandonment Notice is ready for final inspection.)  ging tbg. Run Sector Bond up of upper "C" perfs. Record 15% HCl. Rerun product tbg. PU Pkr and WS. Set pl Frac new perfs w/ total 46,4. Rerun production equip. I	lly, give subsurfaction results in a less shall be filed on the Log (had to purver BHP toolstion equipment the at 4205'. Ruf 150g gel and 45	e locations and on file with the multiple comp y after all reques rmp water to and TOOH and RD and n BHP tools	measured and true versions and true versions and true versions are sufficient or recompletion in the mean of the product of th	ertical depths subsequent re in a new int sclamation, he t pkr at 40% of the control of the cont	of all pertinent markers eports shall be filed erval, a Form 3160-4 ave been completed, and 24'. Run BHP tools 6 spf. Run pkr to ng frac availability. Ver "C" perfs. SI for		
14. I hereby certify that the foregoing is Name (Printed/Typed  Herb. Those		Tine	Ineration	s Engineer	JAN 2	1 2003		
Herb Thac	- 2 ,	Title	Speration:		ALEXIS C.	SWOOD		
Signature Hulist	- Thackney	Date	1/13/03			W ENGINEER		
	THIS SPACE FOR F	EDERAL OR S	STATE OFF	ICE USE				
Approved By			Title		D	ate		
Condition of Approval, if any, are attach certify that the applicant holds legal or e which would entitle the applicant to cond	quitable title to those rights in the		Office		<u>_</u>			

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, makes 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 statement or representations as to any matter within its jurisdiction.

(ovember 1983)

### Form 3:60-4 Budget Bureau No. 1004-0137 SUBMIT IN DUPLIC UNI D STATES Expires August 31, 1985 (formerly 9-330) 👸 . Çükele. ele DEPARTMENT OF THE INTERIOR alluctions on 5. LEADE DESIGNATION AND MERIAL MO RECEIV BUREAU OF LAND MANAGEMENT NM-24160 IF INDIAN, ALLOTTER OR TRIBO NAME AND LOG . WELL COMPLETION OR RECOMPLETION REPORT T. J. HIT ACREEMENT NAME WKLL A Other O.s. in TYPE OF COMPLETION 东宫 PARM OR LEADE NAME DIFF. MEAN E Other RECEIVED 2. NAME OF OPERATOR Osage Federal 9. WELL NO. Siete Oil and Gas Corporation 3. AIIDERES OF UPERATOR P.O. Box 2523 Roswell, NM 88202-2588P 21 '89 4. LOCATION OF WKLL (Report location clearly and in accordance with any State requirements) 10. PIELD AND POUL, OR WILDCAT Velaware Wildcat as Rway 1980' FSL & 1980' FEL, NW4SE4, Unit Letter & C. D. 11. MEC., T., B., M., OR BLOCK AND MURVEY ARTESIA, OFFICE At top prod. interval reported below Sec. 35: T19S, R29E At total depth DATE ISSUED 12. COUNTY OR 13. STATE 14. PERMIT NO. P48IBB Eddy NM 19. BLEY, CASINGHRAD IB. DATE BPUDDED 16. DATE T.D. REACHED | IT. DATE COMPL. (Ready to prod.) IH, BLEVATIONS (DF, RKB, RT, GR, BTC.) 3317' GI 3325 KB 7/30/00>88 7/18/88 <u>8/12/88</u> 22. W MULTIPLE COMPL., HOW MANT? INTERVALE MOTARY TOOLS CABLE TUOLS St. PLUG. BACK T.D., MD & TYD DRILLED BY 5848' Rotary 24. PRODUCING INTERVAL(B), OF THIS CONFLETION-TOP, BOTTOM, NAME (MD AND TVD) WAS DIRECTIONAL BURYET MADE 4135' - 4168' Delaware Yes 27. WAS WELL CORED 26. TYPE BLECTRIC AND OTHER LOGG BUN Schlumberger CNL-LDT-GR-Calip, DLL-MSFL No CASING RECORD (Report all strings set in well) 28. CEMENTING BECORD CABING BILE WEIGHT, LB./FT. HOLE BIZE DEPTH BET (MD) AMOUNT PULLED 17½" 13 3/8" 54.5# 353 350 sks. circ. <del>8 578</del>" 24 & 32# 3193 12%" 2860 sks., 1" to surface 5311 7\_7/8" 5908 620 sks**15.5**# LINER RECORD 30 TUBING RECORD 29 SCREEN (MD) BIZE DEPTH SET (MU) PACKER SET (MD) BOTTOM (MD) SACKS CEMENT BIZZ TOP (MB) 2 3/8" SN @ 4102 31. PERFORATION RECORD (Interval, size and number) ACID. SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED 4135-4168 w/21 shots 4135-4168 acid w/1000 gal 7½%, frac CONFIDENTIAL w/25000 gal 30# XL w/2000# 100 mesh, 29500# 20/40 & 33300# 12/20 PRODUCTION WELL STATUS (Producing or shut-in) PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) 8/11/88 Flowing Producing MOURS TESTED CHOKE BIZZ PROD'N. FOR OIL-BBL. GAS-NCF GAB-OIL BATIO

33.\* DATE FIRST PRODUCTION DATE OF TRET 8/12/88 24 20/64" 125 153(Est) 175 1224 OIL GRAVITY-API (CORR.) WATER--BBL PLOW, TUBING PRESS. CASING PRESSURE GAB--MCF CALCULATED 011.--- BBL. 24-HOUR BATE 180 350 153 175 125 N/A 84. DISPOSITION OF GAS (Sold, used for fuel, vented, stc.) TERT WITHBEED BY Vented Jim Ikard 35. LIST OF ATTACHMENTS

2 copies open hole logs, deviation surveys

BIGNED

TITLE Production/Reservoir EngineeDATE

Sas

\*(See Instructions and Spaces for Additional Data on Revene Side)

26. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

Form 3160-5 (September 2001)

(Continued on next page)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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.

OCD-ARTESIA

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

WESLEY W. INCRAM

PETROLEUM ENGINEER

### 5. Lease Serial No.

NM 67102

6. If Indian, Allottee or Tribe Name

	PRICATE - GEIBRINSTru	ctions on revers	e side		r CA/Agreement, Name and/or No.
1. Type of Well	3				Delaware Unit NMNM88491X
Oil Well Gas Well	Other			-	ame and No.
2. Name of Operator				PDU 401	***
St. Mary Land & Exploration Co	mpany	Tai = 1		9. API We	
3a. Address		3b. Phone No. (inch	de area code)	30-015-2	
580 Westlake Park Blvd., #600,	Houston, TX 77079	281-677-2772		!	nd Pool, or Exploratory Area
4. Location of Well (Footage, Sec., 1980' FNL & 1980' FWL; Sec.	7, R. M., or Survey Description) 35, T19S, R29E UL:F				Delaware 49625 or Parish, State
12. CHECK AP	PROPRIATE BOX(ES) TO	INDICATE NAT	URE OF NOTICE, F	Eddy LEPORT, O	R OTHER DATA
TYPE OF SUBMISSION		<del></del>	YPE OF ACTION		
☐ Notice of Intent ☐ Subsequent Report ☐ Final Abandoument Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Production (Star Reclamation Recomplete Temporarily Al Water Disposal	·	Water Shut-Off Well Integrity Other
If the proposal is to deepen dire Attach the Bond under which the following completion of the inv	ctionally or recomplete horizontally he work will be performed or provi- volved operations. If the operation re hal Abandonment Notices shall be for final inspection.)	<ul> <li>give subsurface location</li> <li>ide the Bond No. on firesults in a multiple con</li> </ul>	ions and measured and trule with BLM/BIA. Requirence on the properties of the completion of the comple	te vertical departed subsequent in a new interv	work and approximate duration therechs of all pertinent markers and zones t reports shall be filed within 30 days wal, a Form 3160-4 shall be filed once been completed, and the operator has
8/24/06 Pumped 1000 gals 7.5%	6 acid 34 bbls 2% flush				A 30.87
8/25/06 Frac					and sold
8/28/06 Psi to 500, leave well p	•				RECEIVED D ARTESIA
9/12/06 24 hr well test - 47 Oil,	35 Water, 3 Gas				Suspension Suspension
14. I hereby certify that the foregoin Name (PrintedlTyped)	ng is true and correct				
Marcie St. Germain		Title P	roduction Tech	·	
Signature Marcie	St. German	Date o	/19/06		
	THIS SPACE FO		STATE OFFICE USE		
Approved by (Signature)			Name Printed/Typed)	AC	CEPTED FOR RECOR
Conditions of approval, if any, are certify that the applicant holds leg, which would entitle the applicant to	al or equitable title to those rights	goes not wattant of l	Office		Date SEP 2 5 2006

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

Movember 1983) (Jermorty 9—130)			NITED			100 OTT		DUPLICA	TE:			iu no. 2004–013 iat \$1, 1985	<i>'</i>
						LEBIOL		Bituri Icveti	r an	S I.S.ABE DAG	ICHATH	UN AND BRIAL N	<u>5.</u> d
	Bl	JREAL	OF LAN	ID MAN	AGEMEN	Martesia	, M	REC	FIAE	_	1-671	.02	
WELL CO	MPLETION	1 OR	RECO	MPLET	ION R	REPORT	AN	D LO	3*		_		12
TYPE OF WEL	.L: 01	L X	NAR WELL	] .		Other	n	<del></del>	11-12	Me Boach	EMBRT	NAMB	
NEW X		666 F	erra [		Va 🗆	0.1.	U	EC O		S FARM OR			ÐΛ
WELL LAND	. 01 ER 6::	`	I BACK L		VA L	Other		AREA	==-	: : [H5		Federal	10
Siete Oil &	Gas Corpo	ratio	on			D		VED		9. WELL NO.	aue	redetal	‡:
O. Box 25	• •		Doores	1.1 NM	0010					10 21210 48	2	. OR WILDCAT	_
		tion clre				2-2523 State regula	CAC N	יני יאי				laware	
At surface 1	980' FNL &	: 1980	O' FEL,	SW/ZNE	₹, Uni	t Lette	ty '	0 90	1		<u> </u>	B BLOCK AND BURYS	rī,
At top prod. in	terval reported i	elow.					c.	C. D.		Sec. 3	5.	T19S, R29E	
At total depth	Same						rtesi	a, ciffice	•				_
				1	015-26			108160		12. COUNTY C		13. STATE	
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11/16/88	11/28		"   """	12/2		, , , , ,	, BLEV		7' GR	T, OR, BTC.)"		317' GR	
TOTAL DEPTH, MD		LUG. BACI	K T.D., MD &					23 INT		BUTARY TOO		CABLE TUDLE	-
5000'	BYAL (A) OF THE	495		P. BOTTOM.	NAME (M	N/A A	CC	PIED	FOR R	<del>acoko</del> –	1 25	. WAS DIRECTIONAL	ī
4124'-4					•						{	Yes	
<del> </del>			· · · · · · · · · · · · · · · · · · ·	······································				DEC	1 4 198	88			
Schlumber			J./MSFI.	ni i /i	ያያ <u>ለ</u> ፑ'	рτ		8	95	1	21. W.	No.	
Den Lamber ,	ger db17 on					ort all strings	ARL	BAA.	NEW.	MEXICO		<u>No</u>	-
CABINO BIZE	WEIGHT, LD	./5%.	DEPTH 8	T (MP)	1101	.g 812g	<u> </u>	CE?	ENTING	RECORD	].	AMOUNT PULLED	_
13 3/8"	54#		36		·	7½"		) sks		- 0 0	<del>,  </del>		
8 5/8" 5 1/2"	24# & 15.5		320 500		·	2½" 7/8"	1	) sks ) sks	(1 <u>.L</u> (	Surface			
BIZE	TOP (MD)	<del>.</del>	R RECORD	SACES C	EMENT"	SCREEN (M	D)	30.		CUBING RECO	<del></del>	PACKER BET (MD	<u> </u>
								2 3/	(	4259' (s		N/A	
PERFORATION RE	cost Unternal	else and	number)				1		777.4	III ADMINI			_
	COLD (INIC. DDI,	,	numotr,			B2. DEPTH INT			,	URE, CEMENT		LATERIAL USED	-
124'-4154',	, Delaware	, 21	perfs,	SN @ 4	4125'	4124'-	4154	4'				frac w/18,0	00
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W. TUBING PROSS.	CABINO PARSE		ALCULATED	011,		GAB-		<u>!</u>	WATER-	-MBL.		AVITY-API (CORR.)	_
150	600	or fuel.	pented, atc.	1 .	125		100	(Est)	·	TEST WITHE		39.5	
	Note:		racted		2-66)					Jim I			
LIST OF ATTACH	MERTO					· · · · · · · · · · · · · · · · · · ·						<del></del>	
copies of							ect ==	determin	ed from	all avellable -	ecord=		_
$\cap$	^ ,	-C-											
BIGNED	lithy	للك	Attle	<u> </u>	TLB DI	riiing/	rroc	uction	ı Secr	etary <sub>D≜TI</sub>		12/3/88	_
	°(S	ee Instr	ructions a	nd Space	es for A	dditional	Data	on Reve	erse Sid	e)			_

Form 3160-5 (April2004)

## UNITEDSTATES

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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

					)Lr	- 1	
SUNDRY	NOTICES	AND	REPORTS	ON	WELLS		

not use this form for proposals to drill, or to re-enter an

	PLICATE - Other ins	<u></u>		7. If Unit or CA/Agreement, Name and/or No. NM88491X  8. Well Name and No.			
I. Type of Well Oil Well	Gas Well X Other						
2. Name of Operator St. Mary Land & Explorat 3a. Address	ion Co.	3b. PhoneNo (includ	- auga anda)	9. API We 30-015-	ell No.		
3300 N. A Street, Bldg. 7		X 797(\$32)688-17	•	10. Field a	nd Pool, or Exploratory Area y;Delaware		
<ul> <li>4. Location of Well (Footage, Sec., T., R., M., or Survey Description)</li> <li>(E) Sec. 35 - T-19S-R29E</li> <li>2230 FNL &amp; 760 FWL</li> </ul>					11. County or Parish, State Eddy Co. New Mexico		
12. CHECK AF	PROPRIATE BOX(ES)T	O INDICATE NATUR	RE OF NOTICE, R	EPORT, O	R OTHER DATA		
TYPE OF SUBMISSION		TYI	PEOF ACTION				
Notice of Intent  X Subsequent Report  Final Abandonment Notice	Acidize AlterCasing Casing Repair Change Plans Convert to Injection	Deepen FractureTreat New Construction Plug and Abandon Plug Back	Production (Standardon Recomplete Temporarily Ab	andon	Water Shut-Off Well Integrity StockerRequest for extension of deadline		
					work and approximate duration thereo pths of all pertinent markers and zones		

Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, 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 determined that the site is ready for final inspection.)

St. Mary Land & Exploration resquest an extention to the 8/31/09 deadline to PA or return well to production.

Per Guidlines from Jim Amos attached is the documentation and timeline to complete activities of waterflood evaluation and obtain partner approval in order to reactivate or PA the TA'd wellbore.

\*Expires 3/1/04/0/lms

			JAMES A SUPERVIS	. AMOS SOR-EPS	
14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)					_
Donna Huddleston	Title	Production Tech			
Signature Styldlist	Date	08/11/2009			
THIS SPACE FOR FEDERAL	OR S	STATE OFFICE USE			
Approved by		Title	Date	·	
Conditions of approval, if any, are attached. Approval of this notice does not warra certify that the applicant holds legal or equitable title to those rights in the subject lewhich would entitle the applicant to conduct operations thereon.	[	Office		•	
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any States any false, fictitious or fraudulent statements or representations as to any n			o any department o	r agency of the Unite	ď

(Instructions on page 2)

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

MIDLAND, TEXAS 79705

432-688-1700

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 31<sup>st</sup>, 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

Mark Borns

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:

Form 3160-5 (April2004)

### UNITEDSTATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

	FORMAPPROVED
	OM B No 1004-0137
	Expires: March 31, 2007
4	ALCO CODY
OPERATU	B'S.C. CHILE No.
PAT PROPERTY	

SUNDRY NO	TICES AND	DEDODT	IAO 2	WELLS	2

6. If Indian, Allottee or Tribe Name

	ell. Use Form 3160-3 (A					
SUBMIT IN TRI	PLICATE - Other instru	octions on reve	rse side.	ĺ	greement, Name and/or No.	
1. Type of Well Oil Well	Gas Well X Other	<del></del>		NM88491X	X.	
	Joanna Maria			8. Well Name and PDU #302		
2. NameofOperator St. Mary Land & Explorati	ion Co			9. API Well No.		
3a. Address	1011 00.	3b. PhoneNo.(inclu	de area code)	30-015-26006	3	
3300 N. A Street, Bldg. 7,	Ste. 200 Midland, TX	797 <b>(83</b> 2)688-1	789		, or Exploratory Area	
4. Location of Well (Footage, Sec	• • • • •	ion)		Parkway;Dela		
(E) Sec. 35 - T-19S-R29E 2230 FNL & 760 FWL				11. County or Par Eddy Co.	isii, state	
				New Mexico		
12. CHECK AP	PROPRIATE BOX(ES)TO	INDICATE NATU	RE OF NOTICE, R	EPORT, OR OTH	ER DATA	
TYPE OF SUBMISSION		TY	PEOF ACTION			
	_ Acidize و	Deepen	Production (Sta	urt/Resume)	ater Shut-Off	
Notice of Intent	AlterCasing	FractureTreat	Reclamation		ell Integrity	
Subsequent Report	Casing Repair	New Construction			ther	
Final Abandonment Notice	Change Plans	Plug and Abandon	X Temporarily Ab			
SOUDH MAININGDIRBOX 18111 L	Convert to Injection	PlugBack	Water Disposal			
5/12/09 TOH w/ 123 jts. CIBP and 123 jts. 2 3/8" Covered and TA'd Perfs inhibitor mixed. Pressure 5/13/09 TOH w/ remaining bbls. FW + corrosion inhing Released pressure.  Wellbore TA'd.	fiberlined inj. tbg. Note: ./ 4241'- 4294' (66 Hole: e tested wellbore and ch ng 73 jts. 2 3/8" fiberline	Replaced 1- 2 s). Displaced 5 parted 30 min. to ed injection tog.	3/8" tbg. collar o 1/2" 15.5# wellb est to 700#. Cas (123 jts. total) an	on TIH. Set and ore w/ 110 bbs. ing held. TOH and setting tool.	FW and corrosion LD w/ 50 jts. 2 3/8" tbg.	
5/15/09 Performed a Med	canical Integrity Test O	riginal chart ret	ained by NMOCI	)		
FAILURE TO SUBM		•	•	/	Didn'T witness	
14. I hereby certify that the forego						
Name (Printed/Typed)  Donna Huddleston		Title	Production Tool			
Domia nuddieston	7	Title	Production Tech	<u>' AC.</u>	<del>JEPTEN FAR R</del> FI	
Signature (Chr.)	Huddles to	Date	05/22/2009	/100	DEI TEU TON NE	
	THIS SPACE FOR FE	DERAL OR S	TATE OFFICE	USE		
					2009	
Approved by	teched. Approval of this nation d		itle	Date	/s/ JD Whitlock J	
certify that the applicant holds legal of which would entitle the applicant to	or equitable title to those rights in conduct operations thereon	the subject lease O	ffice		REAU OF LAND MANAGEM GARLSBAD FIELD OFFICE	
Title 18 U.S.C. Section 1001 and Title States any false, fictitious or fraudu	43 U.S.C. Section 1212, make it a lent statements or representation	a crime for any person l is as to any matter wi	knowingly and willfully thin its jurisdiction.	to make to any depart	ment or agency of the United	
(Instructions on page 2)	6-21 =					

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

Office		OI NEW MIC		MAY 21	2009	June 19, 2008	
District I 1625 N. French Dr., Hobbs, NM 88240	Energy, Miner	ais and Natu	rai Resources	WELL API NO	. 30-015-2		
<u>District II</u> 1301 W Grand Ave , Artesia, NM 88210	OIL CONSE			5. Indicate Type		.0000	
District III 1000 Rio Brazos Rd., Aztec, NM 87410		outh St. Frai		STATE FEE			
District IV 1220 S. St. Francis Dr., Santa Fe, NM	Santa Fe, NM 87505				6. State Oil & Gas Lease No.		
87505				NM 88491X			
SUNDRY NOT  (DO NOT USE THIS FORM FOR PROPO  DIFFERENT RESERVOIR USE "APPLI PROPOSALS.)		DEEPEN OR PL	UG BACK TO A	7. Lease Name or Unit Agreement Name Parkway Delaware Unit			
1. Type of Well: Oil Well	Gas Well Other	Inj. Well		8. Well Numbe			
2. Name of Operator St. Mary La				9. OGRID Nun	1549		
3. Address of Operator 3300 N. A Midland,	10. Pool name of Parkway; Delaw						
4. Well Location				<u> </u>			
		the North	line and <u>760</u>	feet fr	om the We		
Section 35	Township		inge 29E	NMPM	County	Eddy	
	11. Elevation (Shov 3312' GR	whether DK,	KKB, KI, GK, etc.				
12. Check	Appropriate Box to	Indicate N	ature of Notice,	Report or Othe	r Data		
NOTICE OF IN PERFORM REMEDIAL WORK TEMPORARILY ABANDON PULL OR ALTER CASING DOWNHOLE COMMINGLE	ITENTION TO: PLUG AND ABAND CHANGE PLANS MULTIPLE COMPL		SUB REMEDIAL WOR COMMENCE DR CASING/CEMEN	ILLING OPNS	,	NG CASING 🔲	
OTHER		<u> </u>	OTHER, TA'd Inj			X	
<ol> <li>Describe proposed or comp of starting any proposed we or recompletion.</li> </ol>	leted operations. (Cleork). SEE RULE 1103	early state all p 3. For Multip	pertinent details, an le Completions: A	d give pertinent da ttach wellbore diag	ites, includi gam of pro	ng estimated date posed completion	
5/12/09 TOH w/ 123 jts. 2 3/8" 123 jts. 2 3/8" fiberlined inj. tbg. Perfs./ 4241'- 4294' (66 Holes). wellbore and charted 30 mm. test	Note: Replaced 1- 2 Displaced 5 1/2" 15.5	3/8" tbg. coll # wellbore w/	ar on TIH. Set and 110 bbs. FW and c	got-off CIBP @ 4	1029'. Cov	ered and TA'd	
5/13/09 TOH w/ remaining 73 jt corrosion inhibitor mixed, pressu							
Wellbore TA'd.			ĭ	anaran. Abusan w	and James	Assemiad	
5/15/09 Performed a Mecanical I	ntegrity Test. Origina	l chart retaine		nporany Abuncal til <u>6/1</u> /	2012		
Spud Date:	R	ig Release Da	te:				
I hereby certify that the information	above is true and com-	plete to the he	st of my knowledge	e and belief		<del></del>	
• Thereby certify that the information is	100ve is true and comp	piete to the be	st of my knowledge	e and benef.			
SIGNATURE HOWN C	uddlestur	ITLE Produc	tion Tech	D	ATE_05/18	3/2009	
Type or print name Donna Huddlest	on E	-mail address:	dhuddleston@stn	naryland.com Pl	HONE: <u>(4</u> :	32)688-1789	
For State Use Only	,	^				11-	
APPROVED BY: LUMPO Conditions of Approval (if any):	NACE TI	TLE COMP	LIANCE OF	7UX DA	ATE	11/09	

### Form 3160-5 (April2004) FORMAPPROVED UNITEDSTATES OCD-ARTESIA Expires. March 31, 2007 DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT 5. Lease Serial No. 4 2009 SUNDRY NOTICES AND REPORTS ON WELLS 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. 7. If Unit or CA/Agreement, Name and/or No. SUBMIT IN TRIPLICATE - Other instructions on reverse side. NM88491X 1. Type of Well Oil Well Gas Well Y Other 8. Well Name and No. PDU #302 2. Name of Operator 9. API Well No. St. Mary Land & Exploration Co. 3a. Address 30-015-26006 3b. PhoneNo. (include area code) 3300 N. A Street, Bldg. 7, Ste. 200 Midland, TX 7970832)688-1789 10. Field and Pool, or Exploratory Area Parkway; Delaware 4. Location of Well (Footage, Sec., T. R., M., or Survey Description) 11. County or Parish, State (E) Sec. 35 - T-19S-R29E Eddy Co. 2230 FNL & 760 FWL New Mexico 12. CHECK APPROPRIATE BOX(ES)TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Acidize Deepen Deepen Production (Start/Resume) Water Shut-Off Notice of Intent AlterCasing Well Integrity Reclamation \_\_ FractureTreat Casing Repair Other New Construction Subsequent Report Recomplete Change Plans X Temporarily Abandon Plug and Abandon ☐ Final Abandonment Notice Convert to Injection Plug Back Water Disposal 13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, 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 determined that the site is ready for final inspection.) 5/12/09 TOH w/ 123 its. 2 3/8" fiberlined inj. tbg., 2 3/8" 8 rd SS nipple, and 2 3/8" x 5 1/2" Baker AD-1 pkr. TIH 5 1/2" CIBP and 123 jts. 2 3/8" fiberlined inj. tbg. Note: Replaced 1- 2 3/8" tbg. collar on TIH. Set and got-off CIBP @ 4029'. Covered and TA'd Perfs./ 4241'- 4294' (66 Holes). Displaced 5 1/2" 15.5# wellbore w/ 110 bbs. FW and corrosion. inhibitor mixed. Pressure tested wellbore and charted 30 min. test to 700#. Casing held, TOH LD w/ 50 its. 2 3/8" tbg. 5/13/09 TOH w/ remaining 73 jts. 2 3/8" fiberlined injection tbg. (123 jts. total) and setting tool. Load wellbore w/ 10 bbls. FW + corrosion inhibitor mixed, pressured wellbore to 600#, and charted 30 min. test. Lost 20# in 30 mins. Released pressure. - INJECTION WELL. N'MORD TH STATUS DATE OF Wellbore TA'd. ICHARD WAS - NMOUD-ACRESIA 5/15/09 Performed a Mecanical Integrity Test. Original chart retained by NMOCD. FAILURE TO SUBMIT NOI TO TA WEIL/NO CHART ATTACHED 14 I hereby certify that the foregoing is true and correct Name (Printed/Typed) Donna Huddleston Title **Production Tech** 05/22/2009 Date THIS SPACE FOR FEDERAL OR STATE OFFICE USE <del>-2009</del>

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.

Title

Office

Dhds/ JD Whitlock

BUREAU OF LAND MANAGEMENT

CARLSBAD FIELD OFFICE

(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.

Budget Bureau No. 1004-0137 (November 1983) SUBMIT IN DUR! ICATE. I'NITED STATES Expires August 31, 1985 (formerly 9-130) DEPARTMENT OF THE INTERIOR ructions on 5 LEASE DESIGNATION AND SERIAL NO. BUREAU OF LAND MANAGEMENT NM-54865 LET TO THE OR TRIBE NAME WELL COMPLETION OR RECOMPLETION REPORT AND LOG Ia. TYPE OF WELL: WELL XX UNIT AGREEMENT NAME il on all UJ A22 21 L TYPE OF COMPLETION: peep-es BYCK DIFF. DESVE. WELL X FARM OR LEASE NAME Other 6 2. NAME OF OPERATOR Apache Federal 1..... Meridian Oil Inc. 9. WELL NO. 3. ADDRESS OF OPERATOR Midland, Texas 21 Desta Drive. 10. FIELD AND POOL, UR WILD 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements). Parkway (Delaware) IT. SEC. T. R. M. OR BLOCK AND BURYEY OR AREA 1980' FNL & 990' FEL Sec. 35, T-19-S, R-29-E At top prod. Interval reported below RECEIVED Sec. 35, T-19-S,R-29-E At total depth 14. PERMIT NO. DATE ISSUED 12. COUNTY OR 13 STATE Eddy NM DATE COMPL. (Ready to prod.) 15. DATE SPUDDED 18. ELEVATIONS (DF. RKB, RT. GB, RTC.)\* 3-20<del>0</del>89c 4-4-89 3-9-89 3339' GR 22. IF MULTIPLE COMPL.. 20. TOTAL DEPTH, MD & TVO 21. PARTESPACE OFFICE 23. INTERVALS BOTARY TOOLS CABLE TOOLS DRILLED ST 45491 4492 XX 24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD) 25. WAS DISECTIONAL SURVET MADE 4176-4210' (Delaware) Yes 26. TYPE ELECTRIC AND OTHER LOGS BUN 27. WAS WELL CORBD LDT/CNL/GR/DLL/MSFL and EPT No CASING RECORD (Report all strings set in well) 29 CABING SIZE WEIGHT, LB./FT DEPTH SET (MD) 1101.E 312E CEMENTING RECORD AMOUNT PULLED 344 13-3/8" 48# 17-1/2" 475sx Cl 'C'&150sx Cealite Circ 8-5/8" 12-1/4" 28# & 24# 3200**'** 1700sx C1 'C' Circ 615 sx C1 5-1/2" 14# 4549 7-7/8" Circ TOC LINER RECORD 29 30. TUBING RECORD 8122 TOP (MD) BOTTOM (MD) SACKS CEMENTS SCREEN (MD) DEPTH SET (MD) SIZE PACKER SET IMD) 2-3/8! 4192' SN @ 4155' 31. PERFORATION RECORD (Interval, size and number) ACID. SHOT. FRACTURE. CEMENT SQUEEZE ETC. 4176-4185 DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED (29 Holes) 4192-4210' 4087-4492 Acdz-w/2000Gal 75%NEFe,60RCNBS 4087-4492 Frac-w/18,250Gal 65 Quality-N2 Foam & 37,400 #12-20 Sand

PRODUCTION 33.\* PRODUCTION METHOD (Flowing, gas lift, pumping—eize and type of pump) WELL STATUS (Producing or

DATE FIRST PRODUCTION Pumping (2" X 1-1/2" X 18' Pump) 4-4-89 Producing PROD'N. FOR DATE OF TEST CHOKE SIZE GAS-VCF GAS-OIL BATIO HOURS TESTED OIL-BAL. WATER-BEL 4-18-89 88 132 122 1500 24 Hrs. PLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-ROUR SATE OIL -- BBL. GAR-WCF. WATER--HBL. OIL GRAVITY-API (CORR.) ı ÷. 88 122 38.8 75 132 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY

Sold

35. LIST OF ATTACHMENTS

SVS

Jerry Sparks

C-104, Logs, Plat, Deviation Survey 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available respiritory of the complete and correct as determined from all available respiritory of the complete and correct as determined from all available respiritory of the complete and correct as determined from all available respiritory.

SIGNED A

Operations Tech III

4-20-89 DATE

- 015F

RECEIVED

FEB 26 '90

C. C. D. ARTESIA, OFFICE

February 21, 1990

Siete Oil & Gas Corporation P. O. Box 2523
Roswell, MM 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 care.

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

171 mile Manny

cc: RDO

NMOCD (Artesia/Hobbs)

1 mt FU-2 3-16-00 Exp. Int. Form 3160-5 (Paugust 2007)

### OCD-ARTESIA UNITED STATES

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

FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2010

5. Lease Serial No. NM 24160

6. If Indian, Allottee or Tribe Name

### **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 (A	(PD) for suc	h proposa	ls.				
SUBMI	T IN TRIPLICATE Other	r instructions or	page 2.		7. If Unit of CA/Agree	ement, Name and/or No.		
1. Type of Well  Oil Well  Gas W	/ell Other				8. Well Name and No Osage Federal, V	8. Well Name and No. Osage Federal, Well #7 MAR 1 0 2008		
2. Name of Operator ST. MARY	LAND & EXPLORATION		~		9. API Well No. 30 015 26051	, <u>2</u> 000		
3a. Address		3b. Phone No.	(include area co	de)	1	Exploratory Area CO-ARTECIA		
3300 N. "A" ST. BLDG #7, SUITE 200, MIDLAN	D, TX 79705	432 6881787			Parkway Yates			
4. Location of Well (Footage, Sec., T.,	R.,M., or Survey Description	<del>,</del>			11. Country or Parish,	State		
1980' FSL & 2080' FWL, Section 35, T19S, R29	E				EDDY COUNTY	', NM		
12. CHEC	K THE APPROPRIATE BO	OX(ES) TO IND	ICATE NATUR	E OF NO	TICE, REPORT OR OTH	ER DATA		
TYPE OF SUBMISSION			TY	PE OF A	CTION			
Notice of Intent	Acidize Alter Casing				oduction (Start/Resume)	☐ Water Shut-Off ☑ Well Integrity		
Subsequent Report	Casing Repair	New (	Construction	☐ R	complete	Other		
	Change Plans		and Abandon		emporarily Abandon			
Final Abandonment Notice	Convert to Injection	Plug I	Back	<u>_</u>	ater Disposal			
determined that the site is ready for Well has been T/A since 05/1997 w. Well tested on 12-19-07 for 30 minu Plan to P & A this well. Sundry subm	/CIBP @ 1350' w/20' cem ites @ 500 psi. Chart atta nitted for P & A procedure	ched. e approval.  ACCEPTE  MAR	D FOR RE 25 2008 Deputy Field I strict II AF	nspector	BUREAL	FEB 2 9 2008  J OF LAND MANAGEMENT LISBAD FIELD OFFICE		
14. I hereby certify that the foregoing is to Name (Printed/Typed) Ann E. Ritchie	rue and correct.		Title Regulat	ory Agen				
Signature (Mu	de tulcher		Date 02/04/20	800				
	THIS SPACE	FOR FEDE	RAL OR ST	ATE O	FFICE USE			
Approved by								
Conditions of approval, if any, are attached that the applicant holds legal or equitable to entitle the applicant to conduct operations to	tle to those rights in the subjec				ļī	Date		
Title 18 U.S.C. Section 1001 and Title 43 fectitious or fraudulent statements or repre				nd willfull	y to make to any departmen	t or agency of the United States any false,		

(Instructions on page 2)

				,			
Form 3160-5 June 1990)	DEPARTME.	OF THE INT LAND MANAG		The state of		FORM APPRO Budget Bureau No. Expires: March	1004-0135 C 31, 1993
	A DU BOKEAO OI	AND MAIN		1944	1	5. Lease Designation and S NM-6158	
	SUNDRY NOTICES				}	6. If Indian, Allottee or T	
	orm for proposals to dise APPLICATION FO				eservoir.		
0.10	SUBMI	IN TRIPLICA	TE	RECEIVE	D	7. If Unit or CA, Agreem	•
Oil Gas Well Well	Other		,	AUG 2 3 1	<b>199</b> 3	NM NM 88419 8. Well Name and No.	<u>IX</u>
2. Name of Operator				0.00	),	PDU #201	
	and Gas Corp	oration V		The state of the s	- <b>(</b> )	9. API Well No.	
3. Address and Telephone N		VW 0000	2 2522		1	30-015-260	
	2523, Roswell	-	2-2523			10. Field and Pool, or Expl	•
Sec. 35:	c, Scc., T., R., M., or Survey E T19S, R29E	есстриоп)			-	Parkway De	
	& 2310' FWL						
	nit Letter C					Eddy	NM
2. CHECK	APPROPRIATE BOX	s) TO INDICA	TE NATURE	OF NOTICE	, REPOR	<del></del>	
TYPE OF	SUBMISSION			TYPE OF	ACTION		
Notice of	/ Intent		Abandonment -			Change of Plans	
- Make to	i mua	[	Recompletion			New Construction	
Subseque	ent Report	<u>ַ</u>	Plugging Back			Non-Routine Fracturi	ing
		ا	Casing Repair			Water Shut-Off	
Final Ab	andonment Notice	Ļ	Altering Casing	i i i i o o -		Conversion to Injecti	on
		נ	\(\oldsymbol{Other}\)_\(\Oldsymbol{Other}\)_\(\Oldsymbol{Other}\)	1 Avoc		(Note: Report results of multip	ele completion on Well
			<del> </del>	· · · · · · · · · · · · · · · · · · ·		Completion or Recompletion R	(cport and Log form.)
	ripleted Operations (Clearly state a tions and measured and true verti	cal depths for all marke	ers and zones pertiner		date of starting a	my proposed work. If well is	directionally drilled,
5/11/93	TIH & set CIBP	@ 4299', TOH	I, SION.				
5/12/93	RU, TIH, peri w/8 perfs &	.eu 4124 -3 4205/-1 <i>4/</i> 3	w/6 perfe	eris, 41.	36'-53' mru <sub>**</sub> /i	W/12 perfs,	4164'-76
•	set RBP @ 42!	50', pull :	okr to 41	00' STO	DNI.	KDP, PKL & Z	//8" CDG
5/13/93	Run pkr to 42					d ok, spot 3	bbls aci
	over perfs, p	oull pkr to	4000′ &	set, ac	cidized	W/2200 gals	15% HCl
	66 ballseale:	rs, format	ion broke	e @ 2115	psi,	AIR-5 BPM @	1600 psi
	max-3000, IS	P-670, on	vac in 3	min, tr	rip pkr	thru perfs,	reset pk
	@ 4000', fra	C W/44000	gais 30#	XL, 200	00# 100	mesh, 4750	0# 20/40
	103000# 12/20 @ 10"-873, @.	15"-844 S	ETON	psi, ma	4X-236U	, ISIP-1050,	e 5"-922
5/14/93	Began flowbac	•					A. Santa
• •	•					<i>(</i> <b>)</b>	
			•	I Lova		4.	<b>ි</b>
			0	J. Jaro 1 0 1990	:	$\mathcal{P}_{\mathcal{Q}_{\alpha}}$	(8)
				1000		الارد. ما الارداد الما الما الما الما الما الما الما ا	

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

### VITED STATES

SUBMIT IN . LICATE .

** 1 ==		/	- <b>-</b> ,	era commit d
DEPARTMENT	OF	THE	INT	RIOR
200540.054				DI ST

Form approved. Budget Bureau No. 1004-0 Expires August 31, 1985

(1311211)	DEPARTM BUREA		THE IN		RECE	14/12 Di 53210	n ,		ON AND SERIAL NO.
WELL CON	APLETION OF	RECOM	PLETION F	REPORT	AND L	.OG *	6. IF INDIAN	. ALLOT	TEE OR TRIBE NAME
In. TYPE OF WELL	WELL X	WELL	DRY	Other Jik	<u> </u>		- NIT AUR	EEMENT	NAME
b. TYPE OF COMP	LETION:		pter.		RECE	IVED			
WELL X	WORK DEEP DOLL ON ER EN EN	] Kek Z	RESVR.	Other			Anache		$\sim 0$
	ridian <u>Oil In</u>	c. 🗸			JUL 0	00' כ	Apache	<u> </u>	rederal po
3. ADDRESS OF OPER	ATOR				OUL V	7-03	11		# 0
4. LOCATION OF WEL	Desta Drive,	Midland arty and in acc	, Texas 79	9705 v State requir	Cments) C	D.	Parkway		
At surface Uni	t C: 990' FN	L & 2310'	FWL, Sec.	. 35, T19	ARTESIA S. R29	OFFICE			R BLOCK AND BURVEY
	rval reported below			•					
At total depth							Sec. 35	, T19	9S, R29E
		i	14. PERMIT NO.	, j	Mended	#0 ]	12. COUNTY PARISH	on	13. STATE
The second second	16. DATE T.D. REACH	ED   1° OLTE	COMPL (Pendu t		1/03/8	39	Eddy		NM
	4/22/89	6/16		•••	ELEVATIO		B. RT. GR. ETC.) *	33	LEV. CASINGHEAD
20. TOTAL DEPTH, MD 4	TVD 21. PLUG. BA	CK T.D., MD & T	70 22. IF MUL.	TIPLE COMPL.	23	INTERVAL. URILLED B	S ROTARY TOO		CABLE TOOLS
4550'	4046 THIS COM		N.A.	_	Ì		ή χ	<u> </u>	
4259' - 64		PLETION— TOP,	BOTTOM, NAME ()	MD AND TVD)*				25.	WAS DIRECTIONAL SURVEY MADE
3949' - 74	Delaware								No ·
26. TYPE BLECTRIC A				<u> </u>	<del></del>			27. ₩4	AS WELL CORED
DLL/M-SFL,	CNL/LDT	CARIN	G RECORD (Rep	ant all strings		11.			No
CABING SIZE	WEIGHT, LE./FT.	DEPTH SET		LE SIZE	set in we		NG RECORD	1	AMOUNT PULLED
13 3/8"	48	372		1/2"		sx Cl.	"C" 1" & R-	Mix :	to swif.
8 5/8"	28, 24	3200		1/4"		sx <u>Cl.</u>	"C" circ'd		) 0
5 1/2"	14, 15.5	4550		7/8"	540 9	sx Cl.			
29.	LIN	ER RECORD	,		30.		TUBING REC	ORD	
BIZE	TOP (MD) BOT	TOM (HD)	SACKE CEMENT*	SCREEN (M	- 1	SIZE	DEPTH 881 ()	(D)	PACKER SET (MD)
				ļ		3/8"	3863'		3863'
	ORD (Interval, size as			32.	ACID, S	SHOT. FRA	CTURE, CEMEN	T SQUE	EEZE, ETC.
4202' - 3	9' 1 JSPF,	35 Holes	S	DEPTH INT	PRVAL (M	D)	AMOUNT AND KI	ID OF M	IATERIAL USED
4259' - 6	4' 4 JSPF,	22 Holes	S	See	Attack	hmer t			
3949' - 7	4' 2 JSPF,	51 Holes	S						
			<del></del>						
33.º DATE FIRST PRODUCTI	ION PRODUCTIO	N METHOD (FI	PRO owing, gas lift, p	DUCTION umping—size	and type o	of pump)	WELL	STATUS	(Producing or
6/16/89	Flov				•••		a h	ut-in)	Shut-In
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL-BBL.	GA	S-MCF.	WATER-BB	L.	GAS-OIL BATIO
6/21/89	24	16/64	OIIBBI	289 GAS-	MCF.	169	82 ERHBL.	OIL GI	584.8
390	500	24-HOUR BATE					-	l .	9.8
34. DIBPOSITION OF O. TO Be Sol	AB (Sold, used for fuel	, vented, etc.)					Sid F		
35. LIST OF ATTACH!	MENTS						1 314 1	· · · · · ·	
	102, Inclinat				• ,	_	om all anatichi-	records	50 <i>S</i>
30. I hereby certify	Control of the control of the	1 1		_					127/20: 5:
SIGNED A	start or De	WALKOUT	TITLE 3	i. Stail	<u> </u>	vea. of	ecialist <sub>or</sub>	E	/ [ ] (03 / .

Form 5160-4 (November 1983) (formerly 9-330)

UNITED STATES ATT SUBMIT (IN DURLICATE.

DEPARTMENT OF THE INTERIOR

Form approved.

Budget Bureau No. 1004-0137

Expires August 31, 1985

LEASE DESCRIPTION NO. 1004-0137

NM-61582	

		BURE	AU OF LAN	D MANA	GEMEN	17		±U		1	NM-6	1582	
WELL CO	MPLET	ION O	R RECON	APLETIC	ON R	EPOR	TAN	D LOC	3 *	6. IF INDIAN.		37 11 3	BR NAME
a. TYPE OF WEL		X J.ISW		DR		Other	RECE			7. UNIT AGRE			.J
b. TYPE OF COM	PLETION:		AI WELL L	) OK.	•	otner				C.C.			•
NEW XX	WORK	DEEL [	BACK [	DIFF.		Other				S. PARM OR	LEASE	NAMB	<del> ^</del>
2. NAME OF OPERAT	OR	<del></del>					MAY 1	5 '89				' Federa	.1 P
Meridian (	)il Ind	. 🗸 –		•				- 00		9. WELL NO.		redera	11
3. ADDRESS OF UPE			<del></del>				0. 6	C. D.			2		#/
21 Desta I	rive	М	idland, T	ſexas	7970	)5		. OFFICE		10. PIELD AN	O POOI	L. OR WILDC	AT
LOCATION OF WE	L (Report				with ano	State r	quiremen	te)*		Parkw	ay (	Delawar	ce)
At surface 990	)' FNL	& 1980	' FEL, Se	ec. 35,	T-19	)-S, R	-29-E	, Unit	В	11. SEC., T.,	R., M., (	OR BLOCK AN	D BURYET
At top prod. lut	erval repo	rted below								OR AREA	35	T-19-S,	
										l .	29-E		,
At total depth													
				14. PER	MIT NO.		DATE	ISSUED		12. COUNTY (	08.	13. STA	TE
										Eddy		_ NM	
5. DATE SPUDDED	16. DATI	E T.D. REAC	HED   17. DATE	COMPL. (	Ready to	prod.)	18. ELE			IT, GE, ETC.)*	19. 1	ELEV. CABIN	GHEAD
4/3/89	4/	11/89	4/:	20/39				3314			<u> </u>		
O. TOTAL DEPTH, MD	A TVD	21. PLUG. B.	ACK T.D., MD &	TVD   22.	HOW M	TIPLE CO	MPL.,	23. INTE	LED BY	ROTARY TOO	LB	CABLE	TOOLS
4550 <b>'</b>			504 '					<u> </u>	<b>→</b>	X			
. PRODUCING INTE					NAME (M	D AND T	VD)*				2	5. WAS DIRE	ICTIONAL MADE
413	36' - 4	4229' (	Delaware	)									
												Yes	5
. TYPE BLECTRIC	AND OTHER	LOGS RUN								Ī	27. W	AS WELL C	ORED
GR/CNL/1	LTD	GR	/DD1/RXO		GR/C	BL/CI	L			l		No	
₹.			CASI	NG RECO	RD (Rep	ort all st	ringo ses	in well)		· · · · · · · · · · · · · · · · · · ·			
CASINO SIZE	MSICI	MT, LB./DT.	DEPTH SE	T (MD)	HO	LE SIEE		CEA	ENTING	RECORD		THUOMA	PULLED
13-3/8	48#		36.	5'	17-1	L/2	<b>\$</b> 78	sx C1	C w/:	2% CaCl,&	100		
							s	x Cl C	w/3%	CaCl <sub>2</sub>		Cir	cc
8-5/8	24#	& 28#	321	0'	12-1	1/4	1300	sx Cl	C 8%	gel& 2%	CaC1	2; 400	sx C
** 5-1/2(se	Back	)					2%	CaCl <sub>2</sub>	& 60	O sx Cl C	3%	CaC12	TOC 4
9.		LI	ER RECORD					30.		rubing rec	ORD		
6128	TOP (M	D) 10	TTOM (MD)	SACKE CE	MENT"	SCREEN	(MD)	SIZE		DEPTH 56T (M	(0)	PACKER E	ST (MD)
								2-3/8	3	3959'		4073'	
. PERFORATION RE	CORD (/mf	trval, size d	ind number)			82.	A	CID. SHOT	. FRACT	URE. CEMEN	T SQU	EERR ETC	<b>.</b>
4136-43,	4148-	70.4175	-89, 419	8-4214		DEPTI	INTERV	AL (MD)	AM	OUNT AND EIR	10 OF	MATERIAL U	SED
		' (71 t				4136	-4229	1	4000	gals 7-1	$\sqrt{2}$ N	IEFE, 1	42 BS
<u>-</u>		<b>(</b> - ,	,			4136	-4229	1	70,0	00 gals 6	5 Qu	ality I	Foam
									&	137M# 12/	20 s	sand	
3.•						OUCTION							
ATS FIRST PRODUCT		PRODUCT	ON METHOD (		a lift, pi	umping-	oise and	type of pur	np)		STATU St-in)	(Producti	ng or
4/20/8		<u> </u>	Flowing									oducing	
ATS OF TERT	HOURS	TESTED	CHOKS SIZE	PROD'N		0112		GAS-N		WATER-BBI	<i>د.</i>	UAS-OIL RA	TIO
4-22-89		hrs.	16/64"		<del>&gt;</del> _	<u> </u>	)5	16		110		1524	
LOW. TUDING FREES.	CASING	PRESSURE	CALCULATED 24-HOUR RAT	011.—6 <b>3</b> ]		1	A5 MCF.	_	WATER-	_	OIL	Gravity-api	(COLE.)
620					)5		16	U		110		39.9	
4. DIBPOBITION OF	DAB (Sold,	used for fu	el, vented, etc.)							TEST WITHE	SAED I	) T	
vent										Tommy	Pol:	ly	
5. LIST OF ATTACE					_					1550	~:=:	5 g 5 7 15	
Logs, Pla	t, Inc	linatio	n Survey	, Temp	Surv	ey, C	-104 r	equest	ing t	est allow	<i>i</i> able	<u> </u>	3
8. I hereby coftif;	that the	foregoing	and attached in	ncormation	is comp	lete and	correct (	as determin	ed from	oli available i	records		
	oin	: V	Inalla	, Val————		Onere	tione	Tech I	TT		$M/\Omega$	4/26/89	50
SIGNED	CH /VIA	and I	INCOLE		ـــــــ كلايات	upera		ACCIA A	<u></u>	DAT	E	., = 04,09	

Form 3160-4 (November 1983) (formerty 9-330)

## UNITED STATES

SUBMIT IN DUPLIC. TE.

Form approved. Budget Bureau No. 1004-0137 Expires August 31, 1985

ON . 20 O . A . 20	~	«Sec other in-
DEPARTMENT OF THE INTERIOR	٠	structions on teverse side)
BUREAU OF LAND MANAGEMENT		reverse sine,

5. LERSE DESIGNATION CONTRAL NO.

		<del></del>		Alla Unionetti		<u></u>			L ALL	TTEE OR TRIBB NAM
MPLETI	ON O	r recom	PLETION	I REPORT	AND	) LOG	*			THE OR IEIOS NAM
<b>L</b> :	OH. X	GAS WELL	DRY	Other				7. UNIT AGR	EEMEN	TNAME
LETION:	11 193.2. 2.3		,,, <u> </u>		DECE	:N/ED		b, , ,		
WORK OVER	DEED.	BACK	DIFF. RESVR.	Other	KECE	IVEU		S. FARM OR	LEASE	NAMB'
								Anach	e "A	" Federal,
OIL IN	1C.				Ann :	24 200		9. WELL NO	<del></del>	DAIL
				<del> </del>	<del>/8'// 4</del>	<del>-0 03</del>			3	that
DRIVE.	. MIDL/	AND, TEXAS	79705		_	<b>.</b> .		10. FIELD A	ND POC	L. OR WILDCAT
L (Report	location cl	carly and in acc	cordance with	any State req	uirements	( D.		Parkw	ay (	Delaware)
O' FNL	& 990'	FEL. Sec	. 35, T-	-19-S, R-	2 <b>9-E</b> 51/	A, OFFICE				OR BLOCK AND BURYE
		,	•					l		
								Sec.	35,	T-19-S, $R-29$
					<del> </del>		·			
			14. PERMIT	NO.	DATE I	88U#D		PARISH		13. STATE
			<u> </u>		03/1	<u> 10/89</u>	_	<u>Eddy</u>	, <del>-,</del> -	NM NM
		1		ly to prod.)	18. ELEVA				19.	
									_	3325'
A TVD 2					ř				ora	CABLE TOOLS
1			<u> </u>				<u> </u>	0-TD		
VAL(S). OF	THIS COM	PLETION—TOP.	BOTTOM, NAME	E (MD AND TVE	,,•				'	SURVEY MADE
9 De	elaware	2							İ	No
									27.	WAS WELL CORED
PT; DL	L/MSFL									No
					nge set in		VTINC.	DECORD		<del> </del>
WEIGHT	I, LS./FT.				-				(- 4)	AMOUNT PULLED
_	<u>48.0</u>									
_ <u> </u>										
_	<u>14.0</u>	45	49	/-//8"	400	J SX I	UL 2	185		
			!			20		TUDING DEC	2005	
	<del></del>							<del> </del>		1
TOP (ND	, 50	TOR (ND)	JACKS CEMEN	SCREEN	-		<del></del> }		MD)	PACKER SET (MD)
	_	<del></del>  -				2-3/8	<del>-</del>	4121		4121'
		nd number)		1 82.		n suor	ED A C	TURE, CEMEN	T 90	IIPPER PEC
ORD (Inter				42.		w. anor.	FAAC	OKE. CEME		<del></del>
ORD (Inter	ruas, asse u			0.000		(MD)				
		1 JSPF 1	7 holes	i	INTERVAL			OUNT AND KI		
		1 JSPF 1	7 holes	i			Acid	ize w/lM		7½% NEFE +
		1 JSPF 1	7 holes	4221'	- 39	/	<u>Acid</u> 34	ize w/1M RCNBC	gal	7½% NEFE +
		1 JSPF 1	7 holes	i	- 39	1	Acid 34 Frac	ize w/1M RCNBC w/15M ga	gal al 6	7½% NEFE + 5 qual. N <sub>2</sub>
		1 JSPF 1		4221'	- 39	1	<u>Acid</u> 34	ize w/1M RCNBC w/15M ga	gal al 6	7½% NEFE + 5 qual. N <sub>2</sub>
	9'	1 JSPF 1	P	4221' 4221'	- 39 - 39	· /	Acid 34 Frac foam	ize w/1M RCNBC w/15i1 ga + 37M #1	gal al 6 12-2	7½% NEFE + 5 qual. N <sub>2</sub>
231'-3	91	ON METHOD (FI	P	4221' 4221'	- 39 - 39	· /	Acid 34 Frac foam	ize w/1M RCNBC w/15i1 ga + 37M #1	gal al 6 12-2	7½% NEFE + 5 qual. No 0 Ottawa San
231'-3	PRODUCTI		PROD'N. FO	4221 4221 7 4221 7 4221 7 4221 7 4221 7 4221 7 4221 7 4221 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	- 39 - 39 ze and ty	· /	Acid 34 Frac foam	ize w/1M RCNBC w/15i1 ga + 37M #1	gal al 6 12-2 Latar Pro	7½% NEFE + 5 qual. N₂ 0 Ottawa San
10N HOURS T	PRODUCTION F	on METHOD (FI	F Towning, gas lif	4221 4221 4221 7 4221 7 4221 7 4221 7 4221 7 4221 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	- 39 - 39 ze and ty	GAS—MCI	Acid 34 Frac foam	ize w/1M RCNBC w/15i1 ga + 37M #:	gal al 6 12-2 Latar Pro	7½% NEFE + 5 qual. N <sub>2</sub> 0 Ottawa San us ( <i>Producing</i> or ducing
231'-3	PRODUCTION F	ON METHOD (FI TOWING CHOKE SIZE 24/64 CALCULATED	PROD'N. FO	4221' 4221' 4221' FRODI'CTION (s, pumping—si	- 39 - 39 ze and ty	ppe of pum	Acid 34 Frac foam	ize w/1M RCNBC w/15i1 qa + 37M #:	gal al 6 12-2 L STAT SF-(R) Pro	7½% NEFE + 5 qual. N <sub>2</sub> 0 Ottawa San  UB (Producing or  ducing
10N HOURS T	PRODUCTION F	on METHOD (FI lowing choke size 24/64	PROD'N. FO	4221' 4221' 4221' FRODI'CTION (s, pumping—si	- 39 - 39 ze and ty	ppe of pum	Acid 34 Frac Foam	ize w/1M RCNBC w/15i1 qa + 37M #:	gal al 6 12-2 L STAT SF-(R) Pro	7½% NEFE + 5 qual. No 0 Ottawa San UN (Producing or ducing VAN-OIL MATIO 583.3
10N AUGUST CASING P	PRODUCTION F	ON METHOD (FI TOWING CHOKE SIZE 24/64 CALCULATED	PROD'N. FO	4221' 4221' 4221' FRODI'CTION (s, pumping—si	- 39 - 39 ze and ty	ppe of pum	Acid 34 Frac Foam	ize w/1M RCNBC w/15i1 qa + 37M #:	gal al 6 12-2 L STAT st-in) Pro	7½% NEFE + 5 qual. No 0 Ottawa San  UM (Producing or ducing   VAN-OIL BATIO   583.3  GRAVITY-API (CORE.) 38.8
10N AUGUST CASING P	PRODUCTION F	ON METHOD (FIT DOWNING CHOKE BIZE 24/64 CALCULATED 24-ROUR BATE	PROD'N. FO	4221' 4221' 4221' FRODI'CTION (s, pumping—si	- 39 - 39 ze and ty	ppe of pum	Acid 34 Frac Foam	ize w/1M RCNBC w/15i1 qa + 37M #:   well   water = 84   65	gal al 6 12-2 L STAT SMF-in) Pro BL.	7½% NEFE +  5 qual. N <sub>2</sub> 0 Ottawa San  UN (Producing or  ducing  GRAVITY-API (CORE.) 38.8
10N AND TO A STATE OF THE STATE	PRODUCTION FRATED STRESSURE STREET ST	ON METHOD (FIT DOWNING CHOKE BIZE 24/64 CALCULATED 24-HOUR BATE I, vented, etc.)	PROD'N. FO TEST PERIO	4221' 4221' PRODUCTION It, pumping—ei  TRODE 216 GAE	- 39 - 39 ze and ty	ppe of pum	Acid 34 Frac Foam	ize w/1M RCNBC w/15i1 ga + 37M #  water—se   65 —HBL.	gal al 6 12-2 L STAT SE-48) Pro BL. OIL ESSED Frym	7½% NEFE + 5 qual. N <sub>2</sub> 0 Ottawa San  UM (Producing or ducing  GRAVITY-API (CORE.) 38.8  ST ire
10N AND TO A STATE OF THE STATE	PRODUCTION FRATED STRESSURE STREET ST	ON METHOD (FIT DOWNING CHOKE BIZE 24/64 CALCULATED 24-ROUR BATE	PROD'N. FO TEST PERIO	4221' 4221' PRODUCTION It, pumping—ei  TRODE 216 GAE	- 39 - 39 ze and ty	ppe of pum	Acid 34 Frac Foam	ize w/1M RCNBC w/15i1 ga + 37M #  water—se   65 —HBL.	gal al 6 12-2 L STAT SE-48) Pro BL. OIL ESSED Frym	7½% NEFE +  5 qual. N <sub>2</sub> 0 Ottawa Sar  UN (Producing or ducing   VAN-OIL BATIO   583.3  GRAVITY-API (CORE.) 38.8
	DRIVE  OF FNL	DRIVE, MIDLA  OF FNL & 990  16. DATE T.D. REACH  O4/01/89  A TYD   21. PLUG, BA  VAL(S). OF THIS COM  PT; DLL/MSFL  WEIGHT, LB/FT.  48.0  24.0 & 28.0  14.0	C: WELL WELL WELL DESTRUCTION: WORK DEEP DEEP DICG SACK DOLER DEEP DEEP DEACK DOLER DEEP DEEP DEACK DOLER OF THE SACK DOLER DEEP DEEP DEEP DEEP DEACK DOLER DEEP DEEP DEEP DEEP DEEP DEEP DEEP DE	C: WELL WELL DRY DRY DRY WELL DRY WELL DRY DRY DRY DATE DREST DRES	CE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOT	CELETION:  WELL X WELL DRY DRY DIFF.  OLD DRY SERVE DEEP DEEP DEEP DEEP RESERVANT OTHER  OIL INC.  ATOR  DRIVE, MIDLAND, TEXAS 79705  IL (Report location clearly and in accordance with any State requirements  O' FNL & 990' FEL, Sec. 35, T-19-S, R-29-E  PETVAL REPORTED TO DATE COMPL. (Ready to prod.) IN. ELEV.  O4/01/89 O4/11/89  A TVD 21. PLUG. BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANT*  VAL(8). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*  9 Delaware  ND OTHER LOGS RUN  PT; DLL/MSFL  CASING RECORD (Report all strings set in MEIGHT, LB./FT. DEPTH SET (MD) HOLE SIZE  48.0 359' 17-1/2" 955  24.0 & 28.0 3200' 12-1/4" 1886  14.0 4549 7-7/8" 400  LINER RECORD	CIT WELL WELL DRY Other WELL WELL DRY Other WELL WELL DRY Other WELL WELL DRY Other DRY OTHER DRY DRY OTHER DRY DRY OTHER DRY DRY DRY DRY DRY DRY DRY DRY DRY DR	PLETION:  WORK PEN BACK PLUG PIFF. Other  OIL INC.  APR 26'89  OIL INC.  APR 26'89  DRIVE, MIDLAND, TEXAS 79705  I. (Report location clearly and in accordance with any State requirements).  O' FNL & 990' FEL, Sec. 35, T-19-S, R-29-ESIA, OFFICE  PERMIT NO. DATE ISSUED  O3/10/89  16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF. RNB.).  O4/01/89  A TYD 21. PLUG, BACK T.D., MD & TYD 22. IF MCLITIFLE COMPL. 23. INTERVALS. HOW MANY.  4501'  VAL(B). OF THIS COMPLETION—TOP. BOTTOM, NAME (ND AND TVD).  9 De laware  IND OTHER LOGS RUN  PT; DLL/MSFL  CASING RECORD (Report all strings set in well)  WEIGHT, LB./FT. DBFTH SET (MD) 10LE SIZE CEMENTING  48.0 359' 17-1/2" 955 SX Circ.  14.0 4549 7-7/8" 400 SX TOC 24  LINER RECORD  LINER RECORD 30.	MPLETION OR RECOMPLETION REPORT AND LOG*    CONTROL   CONTROL   DRY   CONTROL   DRY   CONTROL   DRY   CONTROL   DRY   CONTROL   DRY   CONTROL   DRY   CONTROL   DRY   CONTROL   DRY   CONTROL   DRY   CONTROL   DRY   CONTROL   DRY   CONTROL   DRY   CONTROL   CONTROL   DRY	MPLETION OR RECOMPLETION REPORT AND LOG "  OTHER WELL WILL DAY Other RECEIVED  NOTE OF OTHER OF THE STATE OF THE COMPLETION OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)"  PARCH OF THE CORE RUN  PARCH "A SWELL NO. SAVE TOP OTHER COMPL. (Ready to prod.) 18, ELEVATIONS (DP. RNB. RT. GR. ETC.)"  16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18, ELEVATIONS (DP. RNB. RT. GR. ETC.)"  16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18, ELEVATIONS (DP. RNB. RT. GR. ETC.)"  16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18, ELEVATIONS (DP. RNB. RT. GR. ETC.)"  17. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18, ELEVATIONS (DP. RNB. RT. GR. ETC.)"  18. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18, ELEVATIONS (DP. RNB. RT. GR. ETC.)"  19. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 19. ELEVATIONS (DP. RNB. RT. GR. ETC.)"  10. PIELD AND POOL OF THIS COMPLETION—TOP, BOTTOM, NAME (ND AND TYD).  10. PIELD AND POOL OF THE LOCK T.D. ND AND TYD 18, ELEVATIONS (DP. RNB. RT. GR. ETC.)"  10. PIELD AND POOL OF THE SET (ND AND TYD).  10. PIELD AND POOL OF THE SET (ND AND TYD).  11. SNC. T. R. N. N. ON AREA  12. COUNTY OR PEDAL NO.  12. COUNTY OR PEDAL NO.  14. PERMIT NO. DATE ISSUED 12. COUNTY OR PEDAL NO.  14. PERMIT NO. DATE ISSUED 12. COUNTY OR PEDAL NO.  15. SNC. T. R. N. N. ON AREA  16. PARCH "A SOCIETY OR PARCH TOP.  16. DATE ISSUED 12. COUNTY OR PARCH TOP.  17. SNC. T. R. N. N. ON AREA  18. SEC. 35,  10. PIELD AND POOL NO.  10. PIELD A

t orm 3100	4
(November	1983)
(farmerly	9-330)

SIGNED \_

### รบ NITED STATES

DEPARTMENT OF THE INTERIOR STATES BUREAU OF LAND MANAGEMENTY

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	WE	I Secother he	

Form approved. Budget Bureau No. 1004-Expires August 31, 1985

SEP 9 8 1969 TE 9/22/89

DATE .

	S LEASE DESIGNATION AND SERIAL S	Ñ
ı	NM 61502	

NM-61582			 
	NM-61582		

					DOA LOU	J		_	ALL-DIDO	12	
WELL CO	MPLETION	OR RECO	MPLETI		(.) 07	Wey!	DIME!	6.	IF INDIAN.	ALLOT	TTEE OR TRIBE NAME
Ia. TYPE OF WEL	L: Off. WELL	X GAS (	DR.		Other		ij.C	Ē 1.	UNIT AGRE	EMEST	NAME
b. TYPE OF COM			-		CAL		51	3			
NEW X	WORK DEEP	D PUR	DIFF.	R. 🗌	Out Hall		_ ':i	s.	FARN OR I	LEASE	NAMO
2. NAME OF OPERAT								At	oache "	Α" [	Federall
Meridian (	Oil Inc. 🗹					-	<b>5</b>	i	WELL NO.		00 1/20
3. ADDRESS OF OPER						<del>(1 -</del>	<del>2 '89</del>		4		10. 40
21 Desta	Drive, Midla	and, Texas	79705	5				10	. FIELD AN	0 2001	L, OR WILDCAT
									Parkway	/ (De	elaware)
At surface 90	90' FNL & 94	10' FWL, S	Sec. 35,	T19:	s, R29724	iesia,	Office	1 11	SEC., T., F	з., м., с	OH BLOCK AND SURVEY
At top prod. Int	erval reported belo	W							Sec. 35	, T1	19S . R29E
At total depth								ļ			•
			14. PER	MIT NO.		DATE	ISSUED	13	COUNTY C	οπ	13. STATE
						6/	19/89		(Lea) E	DDy	NM
5. DATE SPUDDED	16. DATE T.D. RE	ACHED   17. PAT	TE COMPL. (	Ready to	o prod.)   t	S. ELE	VATIONS (DI	F, RKB, RT, C	B. ETC.)*	19.	ELEV. CASINGHEAD
7/13/89	7/25/89	8/	16/89			3.	310' GR	}		3	3310'
0. TOTAL DEPTH. MD 45501	A TVD 21. PLUG.	4505 t	TVD 22.	HOW M	TIPLE COMPI	L.,	23. INTE	RVALS B LED BY	OTARY TOO	1.3	CABLE TOOLS
4. PRODUCING INTER	I RVAL(S). OF THIS C		P. BOTTOM.			•	<u> </u>	<del></del>		1 2!	S. WAS DIRECTIONAL
	4461' Delawa		,		,						SUBVEY MADE
4233 - 1	4401 Delawi	ii e								Ì	No
6. TYPE ELECTRIC	AND OTHER LOGS R	'N							<del></del> 1	27. W	AS WELL CORED
DLI /M-SFI	L; CN-LD; Me	ch. Corir	a Tool							٠.	
8.	2, 011 25, 11			RD (Rea	ort all strin	an set	in well)			-514	dewall Core
CABINO SIZE	WEIGHT, LB./F				I.E SIZE	1		ENTING REC	ORD GRO		AMOUNT PULLED
13 3/8"	48	36	3'	17	1/2"	_	44	6 sx			
8 5/8"	28; 24	320			1/4"	10	t 600sx		3545 sx		
5 1/2"	15.5	455			<del>1/ 1</del> 7/8"	-		5 sx			
J 1/2	1		<u> </u>		.,,,	-					
9.	L	INER RECORI	·				30.	TUB	ING RECO	ORD	
3518	TOP (MD)	BOTTOM (MD)	SACES CE	MENT*	SCREEN (	MD)	SIZE	<del></del>	TH BET (M		PACKER SET (MD)
							2 3/8	l	1474		SN @ 4475'
			-				[ <del></del>				011.0
1. PERFORATION REC	ORD (Interval, eize	and number)			32.	A	ID. SHOT.	FRACTUR	E. CEMENT	r sou	EEZE, ETC.
4295' - 446	61' 1 JSPF	(20 Hole	25)		DEPTH I	NTERVA	L (MD)	AMOUN	T AND KIN	D OF	MATERIAL USED
		•	•		4295	- 4	461'	Acidi	ze - 15	00	gal. 7 1/2% F
								w/ 40	B.S.	Fran	c 32,970
											m & 174M
				_					20 Otta		
3.*				PROI	DUCTION						
ATB FIRST PRODUCT	ION PRODUC	TION METHOD (	Flowing, ga	e lift, p	umping—eiz	e and	ype of pum	(p)		STATU (t-in)	B (Producing or
8/20/89		" x 1 1/2'								oduc	
ATE OF TEST	HOURS TESTED	CHOKS SIZE	PROD'N TEST P		OIL-BBL.		ORRAD	F. 1	VATER—BBL	.	GAS-OIL BATIO
8/23/89	24				93		175		420		1882
LOW, TUBING PRISE.	CASING PRESSURE	CALCULATED 24-HOUR RA		B1,,	GAS-	м С .	,	WATERHB	<b>L</b> .		RAVITY-API (CORR.)
	0	<del></del>									0.0
4. DISPOSITION OF Q			)						EST WITHE		
Vented now	but to be	sold.							Sid Fry	/mir	e
5. LIST OF ATTACH	t, inclinat	ion surve	v. temr	o, su	rvev. C	- -104			A.C.C.LET	Fi. Ö	575
d. I bereby certify								d from all	available r	ecords	

TITLE Sr. Staff Env./Reg. Spec.

Form 3160-5 (April2004)

# UNITEDSTATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

•	
FORMAPPROVED	
OM B No. 1004-0137	
Expires: March 31, 200	)7

5. Lease Serial No.

1.
XM
//,

SUNDRY NOTICES AND REPORTS ON WELLS

SUNUKT	NUTICES AND REPORTS (	DN MELLS							
	is form for proposals to drill or ell. Use Form 3160-3 (APD) for e	6. If Indian, Allottee or Tribe Name							
	PLICATE - Other instructions of	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. Name of Operator St. Mary Land & Explorat	ion Co		Parkway Delaware Unit #206  9. API Well No.						
		No (include area code)	30-015-34128						
3300 N. A Street, Bldg. 7	3b. thous , Ste. 200 Midland, TX 7971832	ECEIVED.	10. Field and Pool, or Exploratory Area Parkway; Delaware						
1000 FNL & 2452 FEL;	c., T., R., M., or Survey Description B-35-19S-29E	DEC 31 2009	11. County or Parish, State Eddy						
12. CHECK AI	PPROPRIATE BOX(ES)TO INDICATE	NATURE GE SIGNIC	E, REPORT, OR OTHER DATA						
TYPE OF SUBMISSION		TYPEOF ACTION							
Acidize									
Final Abandonment Notice	Convert to Injection Plug Back	k Water Disp	posal						
testing has been completed. Fir determined that the site is ready TA wellbore 11/12/09. V conversion to injection of March, 2010. Wellbore 11/9/09 POH w/rods & t 11/10/09 TIH w/ 4 1/2 C inhibitor mixed. Pressure-pressured wellbore to 11/12/09 Set and got off	al Abandonment Notices shall be filed only after for final inspection.)  Vell down with rod part and was usendidate. With management application is attached.  bg  IBP set @ 4102'. Broke circ. and e tested wellbore to 600# and chis 610#. Lost 70# in 30 min.  FCIBP @ 4029' (new PBTD). Lost	rall requirements, including a uneconomical to rep proval, plan is to con- d displaced 4 1/2" 10 arted 30min. test. L aded wellbore w/ 5 t	etion in a new interval, a Form 3160-4 shall be filed once reclamation, have been completed, and the operator has air. Has been identified as a possible evert this producer to injector end of 0.5# wellbore w/ 80 bfw + corrosion ost 85#. Tightened all wellhead leaks and ofw + corrosion inhibitor mixed. Pressure 0#. Released pressure & RDMO.						
			Linge NMOCD ok'd test but did not						
witness.	1 - BEIVI & OOB Houned. Withes		į						
TA Allroved V.			the well must be online  8. A must be submitted.						
<ol> <li>I hereby certify that the foreg Name (Printed/Typed)</li> </ol>	oing is true and correct	, p							
Donna Huddleston		Title Production	ech Accepted for record						
Signature Down (1)	Hiddleto	Date 11/03/2009 NMOCD >							
	THIS SPACE FOR FEDERAL	OR STATE OFFIC	CE USE						
Approved by /S/ JI	D Whitlock Jr	Title LPE7	Date 12/24/07						
	attached. Approval of this notice does not warn or equitable title to those rights in the subject to conduct operations thereon.								

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)

SUBJECT TO LIKE APPROVAL BY STATE Form 3160-4 (September 2001)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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

 			FAAND	-	DEDODT	AND	100
COMPI	ETION	OR R	ECOMP	LETION	REPORT	AND	LUG

WELL COMPLETION OR RECOMPLETION REPORT AND LOG											Lease S	Serial No.						
	W-11 E7	03.5	- 12	<u> </u>	wan O	D=v Other	Weter	Injection We				6.	If India	n, Allottee	or Tribe Name			
a. Type of Well Oil Well Gas Well Dry Other Water Injection Well b. Type of Completion: New Well Work Over Deepen Plug Back Diff. Resvr.													•					
b. Type of v	Completion	1.	_		" <u>"</u> "	arove (	Dechei	ו ביי דיים	Data			7.	7. Unit or CA Agreement Name and No.					
Other													PARKWAY DELAWARE UNIT					
x, Mary Land & Exploration													Lease N	Vame and '	Well No.			
		ration						3a Phone	No dino	luda araa c	nde)	}	#206					
3. Address 3a. Phone No. (include area code) (281) 677-2772 (281) 677-2772												9.	API W	ell No.				
													5-3412					
71L-0L-1 * L												- 1		-	Exploratory			
At surface 1000' FNL, 2452' FEL UL:B JAN 0 4 2006															RE UNIT 49625			
													Sec., 1 or Are		on Block and Survey			
At top prod. interval reported below SAME														SEC 35-1	13. State			
At total depth SAME														or Parish	NM			
			Τ,	5 Data	r.D. Reach			16. Date Co	mpleted	1		EDD		iona (DE I	RKB, RT, GL)*			
14. Date S	puadea		١,	J. Date	i.i.). Reach	EU		□ D	-	Ready to	Prod.	\	, Escvati	ious (Dr. i	KKD, KI, GD)			
10-31-05			11	1-14-05								331	6' GL					
18. Total I					19. P	lug Back T.D.				20. Depth	Bridge	e Plug Set:						
		D 4600					TVD	4512					TV					
21. Type Ex	ectne & Ot	псг мес	nanic	at rogs	cun (Suom	it copy of each	)			22. Was	well co DST re		✓ No ✓ No		(Submit analysis)			
*See #32												Survey?	==		(Submit report) (Submit copy)			
23. Casing	and Liner	Record	Rano	rt all str	nos set in w	rell)				Direc		Survey.	<u> </u>	<u> </u>	(Gaoint copy)			
	T					ľ	Stag	e Cementer	No.	of Sks. &	Slur	ry Vol.	Come	nt Top*	Amount Pulled			
Hole Size	Size/Gra	de W	t. (#/fi 	t.) T	op (MD)	Bottom (MD	)	Depth	Туре	of Cement		BBL)	Center		Alliount Luneu			
171/2	13 3/8/J-	55	48#		0	398'				##	<u> </u>				Ld not circ			
12 1/4	9 5/8/H-	40	32.2#		0	1505				***	<u> </u>				Circ			
8 3/4	7/J-55		23#		0	3214		·	<u> </u>	++++					Circ			
6 1/4	4 1/2/J-5	55	10.5#		0 .	4595'			<u> </u>	****					Circ			
	<del>                                      </del>					<del> </del>												
A + 70.1.1	D			!		<u> </u>			<u> </u>		<u> </u>				<u>.                                    </u>			
24. Tubing		0045	<u> </u>		4 000	o:	1 5	1.0.4.0.00	<del></del>	D 4 0 0		<u> </u>	15		<b>5.5</b> 405			
Size	<del></del>	Set (MD	"   P		pth (MD)	Size	Dept	th Set (MD)	Packer	Depth (MD)	Ή—	Size	Depti	h Set (MD)	Packer Depth (MD)			
2 3/8 25. Produci		148 '		37	· I		26	Perforation	Pecord		ــــــــــــــــــــــــــــــــــــــ		ــــــــــــــــــــــــــــــــــــــ					
25. 110000	Formation				OP	Bottom		Perforated			Size	No. I	Ioles		Perf. Status			
A) Delawar				├ <del>─</del>	<del>"</del> ——		+				4		<del></del>					
B)	<u> </u>					<del></del>	_		4190-4214 .4 4176-4184 .4					·····	Open			
c)	<del></del>			<b></b>		<del></del>	_					<del></del>						
D)		<del></del>					1											
27. Acid, I	racture, Tr	eatment,	Cem	ent Sque	eze, Etc.													
	Depth Interv	/al						A	mount a	nd Type of	Materia	al						
4176-4214				3200 gal	15% HCl; 1	100 bbls of flush :	2% HCI											
				**pun	ped w/250 s	x Lead "C" 13.5p	pg, Tail 1:	50 sx "C" 14.8	PPS									
		. 1 4		top	ed w/390 sx	"C" thru 1" in 5	stages circ	8 sx to sur										
Date First	ction - Inter	Hours	Τe	est	Loi	Gas	Water	Oil Gra	vitv	Gas		Production	Method					
Produced	Date	Tested		oduction	Oil BBL	MCF	BBL	Corr. A		Gravity	ļ	. ivierion	174 COLUUG					
12-12-05	12-20-0	24		Ш_	42	0	200					pump						
Choke Size	Tbg. Press. Flgw.	Cag. Press	24 Ra	Hr. te	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio		Well Stat	us							
	SI	1		П	1					Produci	ing							
28s. Produ	ction - Inte	rval B									<del></del> _							
Date First Produced	Test Date	Hours Tested		est oduction	Oil BBL	Gas MCF	Water BBL	Oil Gra Corr. A		Gas		Production !	Aethod					
1 10-1000			1"		1	""	JUU	Con. A		Gravity	ļ	ı						
Choke	Tbg. Press.	Çall		Hr.	Oil	Gas	Water	Gas: Oil		Well Sta	tus							
Size	Flwg. Sl	Press	R	ete []	BBL	MCF	BBL	Ratio										
/Can !==4	uctions and		165	4414	data an a				·									
Cales insul	THE PIRES	s remarks	RH H	. # MIN # 1117#	TIMEN (III III	~ = :   WILDY!												

28b. Produc	tion - Inter	vall C					<del></del>									
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.	Cag. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	<u> </u>							
	<u> </u>	<u> </u>		<u> </u>	<u> </u>		<u> </u>									
28c. Produc	Test	Val D Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method							
Date First Produced	Date	Tested	Production	BBL	MCF	BBL	Corr. API	Gravity								
Choke Size	Thg Press Flwg. Si	Cag. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	Well Status							
29. Disposi	29. Disposition of Gas (Sold used for fuel, vented, etc.)															
30. Summary of Porous Zones (Include Aquifers):  31. Formation (Log) Markers																
Show tests,	all import	ani zones c	of porosity	and conten	ts thereof: C time tool op	cored interval en, flowing a	s and all drill-ste nd shut-in pressur	m l	on (cog) was acro							
	····	Γ	Γ							Тор						
Form	ation	Тор	Bottom		Descri	iptions, Conte	nts, etc.		Name	Meas. Depth						
T/Del	laware	3646	ТО		"C"	Zone 4128' ()	il Pay		B/Salt	1160' (+2168')						
		1							Queen	2598' (+730')						
									T/Delaware	3646 (-318')						
				1												
		:														
				1												
		}		1												
			1					ļ								
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			i	-				1								
		1	<u> </u>	L												
		•	plugging p	•												
*Hi-Res	Laterolog A	Array Micro	-CFL/GR;	Three Dete	ctor Litho-D	ensity Compe	nsated Neutron/G	R; Geology Com	posite Log FMI/GR							
****cmt'c	l 1st stage	113sx Lead	11.9ppg Ta	ail 150sx 14	eg, circ 111s: 8ppg all "C", circ 40sx	"; cmt'd 2nd s	tage 120sx Lead 1	1.8ppg Tail 75sx	t 14.8ppg all "C"; circ 10sx to su	urface						
						11-6-05 12 hr	s.									
33. Circle	e enclosed	attachment	s:					· · · · · · · · · · · · · · · · · · ·								
1 E	lectrical/M	echanical L	ogs (1 full :	set reg'd.)	2	Geologic Rep	ort 3 DST	Report 4	Directional Survey							
5 s	undry Notic	e for plugg	ing and cen	ent verifica	tion 6	Core Analysis	7 Othe	=	,							
34. I her	eby certify	that the for	egoing and	attached in	formation is	complete and	correct as determ	ned from all avai	lable records (see attached instr	uctions)*						
Name (please print) Marcie St. Germain Title Production Tech																
Sign	ature	Narcio	<u>-</u> S4(	<u>Jem</u>	our,		Date 12-28	-05								
Disc 12-20-03																

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.

Form 3160-4 (July 1989) (formerly 9-330)

# UNITED STATES PORTION OF THE INTERMENT OF THE INTERMENT

CONTACT R VING
OFFICE FOR N. BER
OF COPIES REQUIRED
See other Independent on
Degree and VINISION

BLM Roswell District Modified Form No. NMO60-3160-3

(formerly 9-330	" DI	EPARTI	MENT OF	THE I	NTE	FOR D	gverse	Market S	SION			
		<b>BURE AU</b>	OF LAND	MANA	GEMÉ	NT <sup>esia</sup> ,	NM	88210		NM-6	1582	N AND SERIAL NO.
WELL CO	MPLE	TION O	R RECO	MPLET	ION	REPORT	ANI	LLQG	<u> </u>	6. IF INDIAN	, ALLOTTE	E OR TRIBE NAME
1a. TYPE OF W	ELL: MPLET	WELL [	GAS WELL	DA	W X	Other		EB - 7		7. UNIT AGR	EEMENT N	NAME
WELL	WORK C	DEEP- [	PLUG E	DIFF. RESE	я. Ц	Other				8. FARM OR		
2. NAME OF OPERATOR Southland Roy	ualtu Co	moany					AS	O. C. [ MESIA, OI	), ::::::::::::::::::::::::::::::::::::			Federal
3. ADDRESS OF OPERAT	·				<del></del> 7	3a. AREA CODE			TICE	9. WELL NU	MBER	
21 Desta Dr.,		d. TX 7	9705		- 1	915/686-				10. FIELD A	10,000	OO WILLOCAT
4. LOCATION OF WELL (		*		ce with any	State rec	<del> </del>					way (Y	
At surface 890' At top prod. interval: At total depth Sam	reported be	840' FW								OR ARE	A	19S, R29E
9a. API WELL NO.				14. PERI	MIT NO.		DATE IS		_	12. COUNTY PARISH Eddy	ÖR	13. STATE NM
15. DATE SPUDDED 1/23/90		T.D. REACHED 23/90	1	COMPL. (Re: 3/90	ady to pre	od.) 18.		TIONS (DF. RK	B, RT, GR	, ETC.)*	19. E	LEV. CASINGHEAD
20. TOTAL DEPTH, MD & 1540'	TVD	21. PLUG BAC	K T.D., MD & TVI		IF MULT HOW MA	IPLE COMPL.		23. INTERV DRILLE		ROTARY TO		CABLE TOOLS
24. PRODUCING INTERVA	L (S), OF TH	IIS COMPLETI	ON - TOP, BOTTO	im, name (m	ID AND TV	/o)•				_	2:	5. WAS DIRECTIONAL SURVEY MADE
26. TYPE ELECTRIC AND	OTHER LO	GS RUN									27. W	AS WELL CORED
No Logs											1	10
28.			CASI	NG RECO	ORD (R	Report all s	tring					
CASING SIZE		T, L8./FT.	DEPTH SE	r (MD)	<del></del>	OLE SIZE	77.5	<del></del>	NTING RE	CORD	AMOUNT PULLED	
8-5/8"	24# 48#		1470'		11,	750 sx Class C				-	<del>                                     </del>	
133/81/	70"		2201	<del></del> .	-		20	037	<u>-1. C</u>	C / (sc	<u>S)</u>	
			<del> </del>		<del> </del>	· · · · · · · · · · · · · · · · · · ·	<del> </del>					<del> </del>
29.	L	LIN	ER RECORD	)	L		١	30.	ΤĻ	BING REC	CORD	<del></del>
SIZE	TOP (MD)	) BO	ITOM (MD)	SACKS CE	MENT*	SCREEN (MC	))	SIZE		DEPTH SET (MD)		PACKER SET (MD)
								2-3/8'	15	38'		<del></del>
31. PERFORATION RECOR	D (lotocual	size and su				l an ACII		IOT FOA	CTLUDE	CEMEN	T COU	FE7E FT0
51. PERFORM TON NECON	o (iinei vai,	Size, and nu	noer,			32. ACH				AOUNT AND K		EEZE, ETC.
						DCF 177 IN	TENTAL	(MC)		NOON! ALD IN	100 100	TEAR OSED
						DUCTION						
33.* DATE OF FIRST PRODUCT	ION	PRODUCTION	N METHOD (Flow	ing, gas lift,		g- size and type	of pur	<b>λ</b> Φ)		WEL	L STATUS	(Producing or shut-in)
							,			1		-000
DATE OF TEST	HOURS TE	TESTED CHOKE SIZE PROD'N. FOR CIL - BBL. GAS							"CC	EPYED F	JS R	GAS - OIL RATIO
FLOW, TUBING PRESS. CASING PRESSURE CALCULATED OIL - BBL. GAS - MCF. WATER - 88L. OIL FRONTY									TY - API (CORR.)			
34. DISPOSITION OF GAS	(Sold, use	d for fuel, ver	nted, etc.)						T	TEST WITNE	SSED BY	
35. LIST OF ATTACHMEN	пѕ		<del></del>	<del></del>					CA	RISBAD	HEM	MEXIC.
36. I hereby certify that	the foress:	no and attack	ned information	is complete	and com	ect as determine	ed from	all available	recorde			
SIGNED SIGNED	us C		2 Daw	•		. Staff Env				DA	7E2	/1/91

**BLM Roswell District** CONTACT RECEIV Modified Form No. NM060-3160-4 OFFICE FOR NUMBER OF COPIES REQUIRED Form 3160-5 UNITED STATES (July 1989) (Other instructions on reverse DEPARTMENT OF THE INTERIOR LEASE DESIGNATION AND SERIAL NO. (Formerly 9-331) BUREAU OF LAND MANAGEMENT NM-61582 6. IF INDIAN, ALLOTTEE OR TRIBE NAME SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to Use "APPLICATION FOR PERMIT-" for such proposals.) RECEIVED 7. UNIT AGREEMENT NAME OIL X GAS WELL OTHER NAME OF OPERATOR FARM OR LEASE NAME Apache "A" Federal Southland Royalty Company SARYESINO COPHICE NO. WELL NO. ADDRESS OF OPERATOR g. 915/686-5600 21 Desta Dr., Midland, TX 79705 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. 10. FIELD AND POOL, OR WILDCAT See also space 17 below.) Parkway (Yates) At surface 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 890' FNL & 840' FWL Sec. 35, T19S, R29E 12. COUNTY OR PARISH 14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 13. STATE Eddy 3311' GR. NM Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data 16. SUBSEQUENT REPORT OF: NOTICE OF INTENTION TO TEST WATER SHUT-OFF PULL OR ALTER CASING WATER SHUT-OFF REPAIRING WELL FRACTURE TREAT MULTIPLE COMPLETE FRACTURE TREATMENT ALTERING CASING SHOOT OR ACIDIZE ABANDON\* SHOOTING OR ACIDIZING ABANDONMENT\* CHANGE PLANS REPAIR WELL (NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) (Other) 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this Re-entered 1/23/91. TIH w/TBG to 1538', pumped 175 sx CL C w/4% CaCl2 --WOC 2 hours. Tag cmt @995'. CircCasg W/10# gelled mud. Pulled TBG up to 275'. Mix & pump 75 sx CL C 2% CaCl2. Cmt to Surface. Plug witnessed by Cathy Queen with BLM. 1/24/91 - Installed dry hole marker & cleaned location. Pat ID-2 2-8-91

18. I hereby certify that the foregoing is true and correct Sr. Staff Env./Reg. Spec. 01 February 1991 SIGNED DATE (This space for Federal or State office use) APPROVED BY TITLE CONDITIONS OF APPROVAL, IF ANY: I of the well bore,

Liability under Long is recoined until surface restoration is completed.

See Instructions on Reverse Side

Form 3160-4 (July 1989) (formerly 9-330)			NITED			D OF	orie	R MIRER	M reco	1 4 4 5 B	odified. M060-316	LOCH LO	
(tormetty y>30)	DEPA	RTM	ENT O	F TH	E IN	TERIO	עע <b>R</b> אַנ	(See	other Mr	7.5	- 1	5 1	
			U OF LAN					382	Daide)			67 102	D SERIAL N
14511 60			DECO	401 57	<u> </u>		A N 41	<del></del>	~ •	6. IF I			R TRIBD HAD
WELL CO					ON	KEPOKI	AN	D LO	<u> </u>			- ' (	ï. ·
1a. TYPE OF WEL		MEET X	WELL	ام [	KY 🔲	Other The		1727	1 6-	7. CN1		ENT NAME	i
L TYPE OF COM	PLETION:	BEEF-	n eres E	~~ NIFE	. —			ll wil				38491X	
WELL XX		ES L	BACK [	EER	Heliti	outer conv				.[		EMAN 38	
		Cana	anation	11				Code & Pl		Parky		laware	<u>: Unit</u>
Siete Oil		corp	oracion	<u> </u>	JL	7 1993 (5	0010	22-220	12		303		
P.O. Box					an	. D.				10. FIE		POOL, OR W	FILDCAT
4. LOCATION OF WE		cation cle	arly and in	sccordance			rement	(0) *			Parkw	ay Del	laware
At surface 14	20' FNL	& 250	O' FWL										CK AND BURY
At top prod. int	erval reported	d below	1410.94	FNL 8	2597	7.89' FE	L						
At total depth	1334 24	' ENI	2 245A	231 F	řΊ					Se	ec. 35	5: T19	9S, R29E
9a. API Well No.			u 2450		NHIT NO.		DATE	IRBUED		12. co	UNTT OR		. STATE
30-015-27				1		i					ddy	- {	NM
5. DATE SPUDDED		D. REACHE	ED   17. PAT	E COMPL.	Ready t	o prod.)   1	H. ELEV	ATIONS (	r. RKD,			9. BLEV. C	GASH PHISA:
5/17/93	6/3/			6/10	)/93			331	L' GR		- 1	3318'	KB_
O. TOMD OF BOOM	A TVD   21.	40°478	4 7.D., MD &	TVD   22	HOW M	TIPLE COMPL		23. INT	ERTALS	ROTAR	8100E T	CA	BLE 700LS
TVD 4756	.12'	TVD 47	29.20'	l				<u> </u>	<u> </u>	)	(		
4. PRODUCING INTE	IVAL(8), OP T	HIS CONF	LETION—TOP	, воттом,	NAME (I	ND AND TWD)	•				İ		DIRECTIONAL
(MD) 4138	3'-4247'	Delaw	are & (	TVD) 41	116.43	3'-4219.	40'	Delawa	are				Yes
6. TYPE BLECTRIC			<u> </u>		<del></del>						1 27	. WAS WE	
DLL/MSFL	& CNI /II	)T									j	No	
8,		<u> </u>	CASI	NG RECO	RD (Res	ort all string	n nel i						
SSIS ONIBAD	WEIGHT,		DEPTH AE		·	I.E 812E	1200		IENTING			AMO	UNT PULLED
20" 13 3/8"	1	84# 18#	258		i	26"	- 1	sxs,				_	<del></del>
8 5/8"	24# 8		1180 3200			7½" 2¼"		sxs,				_	
51/8		24#	4800		7 4	7/8"		0 sxs					
9.	<u> </u>		R RECORD	<u>'</u>	<u>`</u>	70	1403	30.		TUBING			
BIZE	TOP (MD)	BOTT	OM (MD)	SACES CE	*TKBK	RCREEN (N		RIZE		DEPTH S	ET (MD)	PACK	ER BRT (MD)
								2 7/8'		4089	)'	40	)89' (SN
1. FERFORATION REC 4138 -46	(18)	420	2' (2)			82.						QUEEZE,	
4153'-63'				(26)		4138			I			OF MATERIA	0000 gal
4168'-75'	, ,			(12)		4130	-727		30#	XI . 30	000# 1	100, mes	h,96400
4181'-90'		424	0'-47'	(16)		1		<del></del>				2/20	
4193'-96'	(8)											75.	
3.•						DUCTION							
6 /12 /02	ION P	RODUCTION	HETHOD (P	Flowing, go		umping—size	and I	ype of pur	RP)	1	ahut-ir	ATUB (Pro	ducing
6/13/93	HOURS TEST	ED I C	HOKE SIZE	PROD'N		01L88L.		GASN	CF.	WATER	-BBL.		L RATIO
6/14/93	24		32/64"	TEST		198			)5	70		4	55/1
LOW, TUBING PRING.	CARING PRES		ALCULATED	0111	int.	GAR-	-MCF.	<u>'</u>	WATER-	-RBL.	- 1 01	L GRAVITT	-APE (CORE.)
240	730	1	4-HOUR RATI	<u> </u>	198		605	5		70	_   '	49.2	
4. DISPOSITION OF Q	AB (Sold, weed	for fuel,	vented, etc.)			in the state of th					VITNESSE		
Sold  5. LIST OF ATTACH!	H F W T a						, , , , , , , , , , , , , , , , , , ,	<i></i>		1 0	im Ika	ra	
Deviation		s & On	enhole	loas				asd					
		- 10		J -			• • • • • • • • • • • • • • • • • • • •	inn					

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records SIGNED CO+he Bottle Solle TITLE Drilling Tech

(See Instructions and Spaces for Additional Data on Reverse Side) DATE 6/28/93

Form 3160-5

### TED STATES

0/51	
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	TED STATES EPARTNNT OF THE INTE JREAU OF LAND MANAGE		COMMISSIOFORM APPROVED C
	NOTICES AND REPORTS	Artesia, NM	8821 hease Designation and Striat No. NM = 88491X 6. If Indian, Allottee or Tribe Name
	posals to drill or to deepen o CATION FOR PERMIT—" for	r reentry to a different reservoi such proposals	
	SUBMIT IN TRIPLICATE		7. If Unit or CA, Agreement Designation
1. Type of Well  Oil  Well  Well  Other  2. Name, of Operator		RECEIVED	8. Well Name, and No. PDU #502
2. Name, of Operator Siete Oil and Ga 3. Address and Telephone No. 22	oswell, NM 88202-	2523 <b>JU 22.94</b>	9. APLWell No. 25984
4. Location of Well Legaciae Tel 5. R		O. (., ().	10. Ficid and Pool or Exploratory Acce
1980' FSL & 1980 NE\SW\ Unit Let	' FWL	ARTESIA, OFFICE	11. County or Parish, State  Eddy NM
12. CHECK APPROPR	IATE BOX(s) TO INDICATE	NATURE OF NOTICE, REP	ORT, OR OTHER DATA
TYPE OF SUBMISSIO	N	TYPE OF ACTIO	N .
Notice of Intent  Subsequent Report  Final Abandonment Noti	«	Abandonment  Recompletion  Plugging Back  Casing Repair  Altering Casing  Other DOLL ACCLE GIOL VIII	Change of Plans  New Construction  Non-Routine Fracturing  Water Shut-Off  Conversion to Injection  Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
give subsurface locations and measu	red and true vertical depths for all markers	and zones pertinent to this work.)*	rting any proposed work. If well is directionally drilled,
held c 5/27/94 TIH w/ to 391 28 bal 1712, 12/20 @ 15"-	ok, TOH w/tbg, perfetbg to 4048', circ 3', formaton broke lsealers, AIR-3.2 BISIP-728, frac w/24 Brady, AIR-7 BPM @ 938, SION.	ed 4028'-4047.5' w/hole, spot 2 bbls a @ 1881 psi, acidiz PM @ 1800 psi, ballo 1000 gals YF125, 390 1900 psi, max-238	& set, test RBP to 500# 14 perfs, SION. 1cid over perfs, pull the ed w/1000 gals 7½% HCl - out-3355, max-3415, FPIP- 000# 16/30 Brady & 42000- 4, FPIP-2180, ISIP-1135
5/28/94 Began	flowback & swabbin	g.	*0 E
5/30/94 TOH w/	RBP, TIH w/SN & tb	g to 3998' & set, h	in the second se
		AI. 2 111	CEIVED A
14. I hereby certify that the foregoing is true			20 J
(This space fo Federal or State office us Approved by Conditions of approval, if any:	Title	Exec. V. P.	Date _6/22/94

### State of New Mexico

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$I = \lambda$	,	

State Lease - 6 copies Fee Lease - 5 copies Fee Lease - 5 copies Fee Lease - 5 copies Fee Lease - 5 copies Fee Lease - 5 copies Fee Lease - 5 copies Fee Lease - 5 copies Fee Lease - 5 copies Fee Lease - 5 copies Fee Lease - 5 copies Fee Lease - 5 copies Fee Lease - 5 copies Fee Lease - 5 copies Fee Lease - 5 copies  OIL CONSERVATION DIVISION 30-015-27464  5. Indicate Type of Lease STATE   DISTRICT III 1000 Rio Brazos Rd., Aziec, NM 87410  WELL COMPLETION OR RECOMPLETION REPORT AND LOGA  To The Completion:  OIL WELL  GAS WELL  DRY  OTHER  CONVERT RECEIVED RESVE  OTHER INJECTION - ARTES  Parkway Delaware U  2. Name of Operator St. Mary Land & Exploration Company  RESVE  To THE CONTRIBUTION  STATE   CONVERT RECEIVED Parkway Delaware U  2. Name of Operator St. Mary Land & Exploration Company	
P.O. Box 1980, Hobbs, NM 88240  2040 Pacheco St.  DISTRICT II P.O. Drawer DD, Arlesia, NIM 88210  STATE   DISTRICT III 1000 Rio Brazos Rd., Aziec, NIM 87410  WELL COMPLETION OR RECOMPLETION REPORT AND LOGA  Ia. Type of Well: OIL WELL  GAS WELL DRY OTHER  NEW WORL OVER DESIREN BACK TRESVE OTHER INJECTOOD - ARTES  Parkway Delaware U	
DISTRICT II P.O. Drawer DD, Artesia, NM 88210  STATE X  DISTRICT III 1000 Rio Brazos Rd., Azioc, NM 87410  WELL COMPLETION OR RECOMPLETION REPORT AND LOGA  Ia. Type of Well: OIL WELL X  GAS WELL DRY OTHER  CONVERT RECEIVED NAME OVER DEEPEN BACK RESVR OTHER INJECTOOD - ARTES A  Parkway Delaware U	
DISTRICT III P.O. Drawer DD, Artesia, NM 88210  STATE X  DISTRICT III 1000 Rio Brazos Rd., Azioc, NM 87410  WELL COMPLETION OR RECOMPLETION REPORT AND LOGA  1a. Type of Well: OIL WELL X  GAS WELL DRY OTHER  CONVERT RECEIVED ACK DESTRICT III  OVER DESTRICT III  CONVERT RECEIVED  Parkway Delaware U	
DISTRICT III 1000 Rio Brazos Rd., Azzoc, NM 87410  WELL COMPLETION OR RECOMPLETION REPORT AND LOGA  1a. Type of Well: OIL WELL ST GAS WELL DRY OTHER OIL WELL ST GAS WELL DRY OTHER CONVERT RECEIVED NEW WORL DEEPEN BACK RESVR OTHER INJECTION - ARTES A Parkway Delaware U	VIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
WELL COMPLETION OR RECOMPLETION REPORT AND LOGA  1a. Type of Well: OIL WELL  GAS WELL  DRY  OTHER  CONVERT RECEIVED WILL  WORK  WORK  WORK  WORK  WORK  WORK  DESCRIPTION REPORT AND LOGA  7. Links Names or Unit Agreement in CONVERT RECEIVED  AND  NEW WORK  WORK  WORK  WORK  RESVR  OTHER  INJECTION - ARTES  Parkway Delaware U	dame
b. Type of Completion:  NEW WORK DEETEN DESTRICT OTHER NOTHER OTHER INJECTION - ARTES A PARKWAY Delaware U	dame
b. Type of Completion:  NEW WORK DEEPEN BACK RESVR OTHER INJECTOOD - ARTES PARKWay Delaware U	
Wall over Dearen MACK RESVR OTHER INJECTION Parkway Delaware U	
2. Name of Operator St. Mary Land & Exploration Company & Well No.	Init
c/o Coastal Management Corporation 506	
3. Address of Operator 9. Pool name or Wildcax	
P.O. Box 2726, Midland, Texas 79702-2726 Parkway Delaware	
4. Well Locator	
Unit Letter J: 2635 Feet From The South Line and 2640 Feet From The East	·Line
Section 35 Township 19S Range 29E NMPM Eddy	County
	Catinghead
6/06/93   6/26/93   6/26/93   3311 GR   33	20' KB
15. Total Depth 16. Plug Back T.D. 17. If Multiple Compl. How Drilled By Rotary Tools Cable To Many Zones?	alos
4750 4705 X  19. Producing Interval(s), of this completion - Top, Bottom, Name  20. Was Directional Su	
4127'-36' & 4138'-4203' Delaware No	157 IN-3
21. Type Electric and Other Logs Run CNL/LDT and DLL/MSFL Yes Yes	6-12-98
CASING RECORD (Report all strings set in well)	ed twith
	OUNT PULLET
2011 2411 2701 2611 275	na
13-3/8" 68# 1185' 17-1/2" 315 sx, Circ.	na
	na
5-1/2" 17# 4750' 7-7/8" 625 sx, DV Tool @ 2997'	
24 I INFR RECORD 25 TURING RECORD	
Z. TODING RECORD	1
SIZE TOP BOTTOM SACKS CEMENT SCREEN SIZE DEPTH SET	PACKER SET
2-3/8" 4062'	4062'
26. Perforation record (interval, size, and number) 27. ACID, SHOT, FRACTURE, CEMENT, SQI	JEEZE ETC.
DEPTH INTERVAL AMOUNT AND KIND MAT	
4127'-36' w/20 perfs 4138'-4203' w/132 perfs 4127'-4203' 3000 gals 15% HCl,	47500 gal
30# XL, 3000# 100	mesh, 9640
20/40, 75600# 12/2	.0_
28. PRODUCTION  Date First Production Production Method (Flowing, page lift, purposes - Size and type many)   Well Status (Production)	
	. or Shut-in)
3/11/98 Convert to Injection  Date of Test Hours Tested Choke Size Prod'n For Oil - Bbl. Gas - MCF Water - Bbl.	Gas - Oil Ratio
3/11/98 Convert to Injection  Date of Test Hours Tested Choke Size Prod's For Oil - Bbl. Gas - MCF Water - Bbl.  Test Period	
3/11/98 Convert to Injection  Date of Test Hours Tested Choke Size Prod's For Oil - Bbl. Gas - MCF Water - Bbl.  Test Period Gas - MCF Water - Bbl.  Flow Tubing Press. Casing Pressure Calculated 24- Oil - Bbl. Gas - MCF Water - Bbl. Oil Gravity - AP.	
3/11/98 Convert to Injection  Date of Test Hours Tested Choke Size Prod's For Oil - Bbi. Gas - MCF Water - Bbl.  Test Period Gas - MCF Water - Bbl. Oil Gravity - AP	
3/11/98 Convert to Injection  Date of Test Hours Tested Choke Size Prod's For Oil - Bbl. Gas - MCF Water - Bbl.  Flow Tubing Press. Casing Pressure Calculated 24- Oil - Bbl. Gas - MCF Water - Bbl. Oil Gravity - AP.  29. Disposition of Gas (Sold, used for fuel, wested, etc.)  Test Witnessed By  30. Liza Attachments	
3/11/98 Convert to Injection  Date of Test Hours Tested Choke Size Prod's For Oil - Bbl. Gas - MCF Water - Bbl.  Flow Tubing Press. Casing Pressure Calculated 24- Oil - Bbl. Gas - MCF Water - Bbl. Oil Gravity - AP.  29. Disposition of Gas (Sold, used for fuel, wested, etc.)  Test Witnessed By  30. Lin Attachments  Copy of Chart from the Integrity Test, Copy of Original C-102	
3/11/98 Convert to Injection  Date of Test Hours Tested Choke Size Prod's For Oil - Bbl. Gas - MCF Water - Bbl.  Flow Tubing Press. Casing Pressure Calculated 24- Oil - Bbl. Gas - MCF Water - Bbl. Oil Gravity - AP.  29. Disposition of Gas (Sold, used for fuel, wested, etc.)  Test Witnessed By  30. Liza Attachments	

Submit 3 Copies To Appropriate District Office	State of New Me		JUN 112009	Form C-103	
District 1 1625 N French Dr., Hobbs, NM 88240	Energy, Minerals and Natu	ral Resources	WELL API NO.	June 19, 2008	
District II	OIL CONSERVATION	DIVISION	30-01	5-30029	
1301 W. Grand Ave, Artesia, NM 88210 District III	1220 South St. Fran		5. Indicate Type of Lease STATE	se FEE 🗍	
1000 Rio Brazos Rd, Aztec, NM 87410 District IV	Santa Fe, NM 87		6. State Oil & Gas Leas		
1220 S. St. Francis Dr., Santa Fe, NM 87505			NM 88491X	·	
(DO NOT USE THIS FORM FOR PROPORTION OF THE PROPORTION OF THE PROPORTION OF THE PROPORTION OF THE PROPORTION OF THE PROPORTION OF THE PROPORTION OF THE PROPORTION OF THE PROPORTION OF THE PROPORTION OF THE PROPORTION OF T	CES AND REPORTS ON WELLS SALS TO DRILL OR TO DEEPEN OR PLU CATION FOR PERMIT" (FORM C-101) FO	JG BACK TO A	7. Lease Name or Unit Parkway Delaware Unit		
PROPOSALS)  1. Type of Well: Oil Well	Gas Well  Other Inj. Well	,	8. Well Number 508		
2. Name of Operator St. Mary Lar	9. OGRID Number 154903				
3. Address of Operator 3300 N. A Midland, ,	<ol> <li>Pool name or Wildo Parkway; Delaware</li> </ol>	at			
4. Well Location	\			_	
	feet from the South	line and _2520			
Section 35	Township 19S Ra  11. Elevation (Show whether DR,	inge 29E RKB RT GR etc.)		ity Eddy	
	3316' GL	· · · · · · · · · · · · · · · · · · ·	100		
12. Check A	Appropriate Box to Indicate N	ature of Notice, I	Report or Other Data		
NOTICE OF IN	TENTION TO:	SUBS	SEQUENT REPOR	T OF:	
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK	< □ ALTE	RING CASING 🔲	
TEMPORARILY ABANDON	CHANGE PLANS	COMMENCE DRIL		) A 📋	
PULL OR ALTER CASING DOWNHOLE COMMINGLE	MULTIPLE COMPL	CASING/CEMENT			
OTHER		OTHER Repair In	j. well	[3]	
<ol> <li>Describe proposed or comp of starting any proposed wo or recompletion.</li> </ol>	leted operations. (Clearly state all prk). SEE RULE 1103. For Multiple	pertinent details, and le Completions: Att	l give pertinent dates, incluach wellbore diagram of p	uding estimated date proposed completion	
5/28/09 Released Baker Loc-set	packer. TOH LD w/ 128 jts. 2 3/8"	fiberlined injection	tbg.		
5/29/09 TiH w/ bit, PU drill coll jts. 2 3/8" tbg., LD drill collars, a	ars, and PU off racks w/ 119 jts. 2 3 nd bit.	8/8" tbg. Drilled f/	4036' - 4360' ( 324' ) PBT	D. TOH w/ 130	
6/1/09 Acidized 4.5" 10.5# casis	ng perfs. f/4160' - 4278' w/ 1000 ga	ls. 15% NEFE HCL	•		
6/2/09 TIH w/ 4 1/2" x 2 3/8" Ba 4 1/2" 10.5# wellbore w/ 100 bbl	aker Loc-Set pkr., 127 jts. 2 3/8" IPos. FW + corrosion inhibitor mixed.	C tbg. Set pkr. @ 40 Pressured casing to	015'. Got off pkr., broke of 500# and charted 30 min.	circ. and displaced test. Test held.	
Notified NMOCD of pending M	IT test @ 9:30 AM on 6/04/2009.				
6/04/09 Performed a Mecanical I	ntegrity Test. Original chart retaine	ed by NMOCD.			
Spud Date:	Rig Release Da	te:			
<u></u>	<del></del>	. L			
I hereby certify that the information	above is true and complete to the be	st of my knowledge	and belief.		
SIGNATURE A (MA) (1)	uddlish TITLE Produc	Aven Track	DATE 04	S/00/2000	
SIGNATURAL VIVO CAPE	TITLE Troduc		DATE_06		
Type or print name Donna Huddlest For State Use Only	/		aryland.com PHONE:	(432)688-1789	
APPROVED BY: Conditions of Approval (if any):	NAS TITLE CON	nfu Ance Of	ACEL DATE	/18/09	

### **UNITED STATES** DEPARTMENT OF THE INTERIORATE

SUBMIC IN OUTSTATE.

FORM APPROVED

	_	_		OMID	MO.	100	4-0 T	31	
1	0	-2	88	peres:	Feb	mary	28,	199	
-	_	_	_						

	_		_	~	_~	,,,,		.,	10	~	~ T	J,	
4	Λ		n	1	•	<b>4</b>	٠.	Feb			30	100	_
1	u	•	,	7	×Ψ	мα	3,	reo	ruat	Y	۷٥.	177.	,
	<u> </u>		_	_		٠.				•			

or In	10	-288	DEBIUNATION	y <b>2</b> 8,	1995	
side)	5.	BEAS.1	DESIGNATION	AND	SERIAL	NO.

		BUREA	AU OF LAI	IAM OF	NAGEME	NT 🛌 🏣			SE 10161	NM-241	160		
WELL CO	MPLET	ION O	R RECO	MPLE	TION F	REPORT	AN	D rga	3 *			OTTER OR TRIBE NAME	
10. TYPE OF WEL		OIL WRILL				other In				7. UNIT AGE	KKNE	EMAN T	
L TYPE OF COM	PLETION				Da	Other	<u></u>	74 11:	25	Parkwa	av D	elaware Unit	
WELL XX	WORK C	DEED-	BACK (		ENVR.	Other		···				ASE NAME, WELL NO	•
2. NAME OF OPERAT	oa St	. Mary	Land & E	xplo	cation	Company		4	<u> </u>	Parkwa	ay D	elaware Unit	#508
c/o Coasta	al Man	agement		_						9. API WELI	L NO.		
3. ADDRESS AND	TELEPH	ONE NO.					P	Com 20	,	30-015			
P.O. Box 2	2726,	Midland	, Texas	79702	2-2726	915	<del>-68</del> 8	3-0700		. 1	_	OL, OR WILDCAT	
P.O. BOX 2 4. LOCATION UP WEI At surface 1350 FSI						y State regu	1 гемвен	ARTESI.	Ą		B., M.	elaware	
At top prod. Int 4160'-42' At total depth		ort <b>ed below</b> elaware	:							Sec. 3	35,	T19S, R29E	
4400'				14.	PERMIT NO.		DATE	ISSUED		12. COUNTY	OR	13. STATE	
						1	12	2/15/97	,	Eddy,		New Mexico	<b>o</b>
15. DATE SPUDDED	16. DATI	E T.D. REACH	ED   17. PAT	E CONFL	. (Ready to	prod.) 1				RT, GR, BTC.)*	19.	BLEV. CASINGHEAD	_
1/01/98	1/1	4/98	1,	/30/98	3		33	328' DF	י				
20. TOTAL DEPTH, MD	8 TVD	21. PLUG, BA	CK T.D., MD &			TIPLE COMPL	-•	23. INTE	LED BY	ROTARY TO	8.10	CABLE TOOLS	
4400'		4360				NA			<b>→</b>	X			
24. PRODUCING INTER	TVAL(8). 0	F THIS COM	PLETION-TO	P, BOTTO	M, MANE (N	AD AND TYD)	•				1	25. WAS DIRECTIONAL SURVEY MADE	
4160'-4278											1	Yes (copy att	ached)
26. TYPE RESCYRIC A		LOGE BUN									(	WAS WELL CORED	
LDCN/GR, AI	LM/GR										<u> </u>	No	
CASING SIZE/GRADE	1 WRIGH	NT, LB./FT.	CAS			ort all string	l set		MENT CE	MENTING RECOR	<u> </u>	AMOUNT PULLED	
	-		<del></del>		_		-				<del></del>	·	
13-3/8" 9-5/8"	-	48# 36#	359 1480			·1/2" ·1/4"			0 sx 0 sx		Circ.		
7"	-	20#	3000			3/4"			0 sx		Circ.		
4-1/2"	-	11.6#	4400		_					0 sx		TOC @ 2100'	
<b>29</b> .	·		ER RECORI			30.				TUBING REC	ORD		
6128	TOP (M	D) 80°	TTOM (MD)	BACKS	CEMENT*	SCREEN (A	(D)	SIZE DEPTH SI		DEPTH SET (1	MD)	PACKER SET (MD)	
						٠.		2-3/8	3"	4097'		4097'	
31. PERFORATION REC	one (Inte	rval, size a	nd number)			82.	A	CID, SHOT.	FRAC	TURE, CEMEN	T SQ	UEEZE, ETC.	
4160'-4278	1 1 9	PF				DEPTH IN			I			MATERIAL USED	
4100 4270	,	·+ ·				4160	1-42	278'	250	0 gals 1	58 N	leFe	
							<del></del>		<b> </b>	······································			
											<del></del>		
33.*					PROI	DUCTION			<u>'</u>			<del></del>	
DATE FIRST PRODUCTS	10 K	l	ection	Flowing,	gas lift, pi	umping—eize	and	type of pun	1p)		STAT Midn)	us (Producing or	
DATE OF TEST	HOURS '		CHORE SIZE		D'N. FOR	OIL-BEL.		NI	Ann	WATER-BB	L.	GAS-OIL BATIO	
	ļ			TES	T PERIOD	2000	TEN	HOR REC	THE PARTY OF THE P	1			
PLOW. TUBING PREMS.	CABING	PRESSURE	CALCULATED 24-HOUR RATE		BB1	ACCE	Her.	#10. 	WATE	BL.	OIL	GRAVITY-API (CORR.)	
34. DISPOSITION OF Q	AB (Bold,	used for fue	l, vented, etc.	) 1	OPIG. S	Ser Leg	AR	O 5 TE		TEST WITHE	BSED	DT .	
35. LIST OF ATTACES	w e wee							BLM					
	Δ	1								<del>-</del> ·			
36. I hereby ceruity	Phát shy	foresting a	nd attached 1	nformati	lon is comp	lete and cor	rect a	s determine	ed from	all available	record		
BIGNED	Lla	Soll	tily	1	ritle <u>F</u>	Regulato	ry (	Coordin	nator	DAT	E	2/26/98	
		*(See In	structions o	nd Spa	ices for A	dditional	Data	on Reve	rse Sid	ie)			

Submit 3 Copies To Appropriate District	State of New Me	xico	Form C-103
Office <u>District I</u>	Energy, Minerals and Natur	ral Resources	May 27, 2004
1625 N. French Dr., Hobbs, NM 88240 District II			WELL API NO. 30-015-30030
1301 W. Grand Ave., Artesia, NM 88210	OIL CONSERVATION	#HF 1023.	5. Indicate Type of Lease X Federal
District III 1000 Rio Brazos Rd., Aztec, NM 87410	1220 South St. Fran Santa Fe, NM 87	139	STATE FEE
<u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM	Sama re, inivi o	303	6. State Oil & Gas Lease No.
87505 SUNDRY NOTE	CES AND REPORTS ON WELLS		7. Lease Name or Unit Agreement Name
(DO NOT USE THIS FORM FOR PROPOSE DIFFERENT RESERVOIR. USE "APPLIC PROPOSALS.)	SALS TO DRILL OR TO DEEPEN OR PLU		Parkway Delaware Unit
	Gas Well Other - Water Inje	ection	8. Well Number 509
2. Name of Operator	11.	JN 202008	9. OGRID Number
St. Mary Land & Exploration Comp 3. Address of Operator		D-ARTESIA	154903 10. Pool name or Wildcat
3300 North A St., Bldg. 7, Suite 20	0 Midland, TX 79705		Parkway Delaware
4. Well Location	1010 6 6 4 6 4		
	1210feet from theSouth		210 feet from the East line
Section 35	Township 19S Range 11. Elevation (Show whether DR,		NMPM County Eddy
Pit or Below-grade Tank Application \( \sigma \)	3334' RKB		
Pit type Depth to Groundw		ater well Dist	ance from nearest surface water
Pit Liner Thickness: mil	Below-Grade Tank: Volume		nstruction Material
	Appropriate Box to Indicate N	ature of Notice,	Report or Other Data
NOTICE OF IN	ITENTION TO:	SUR	SEQUENT REPORT OF:
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WOR	
TEMPORARILY ABANDON	CHANGE PLANS	COMMENCE DRI	
PULL OR ALTER CASING	MULTIPLE COMPL	CASING/CEMENT	T JOB
OTHER:		OTHER:	
6/13/08 POOH w/ pkr & tbg (124 j	ts 2 3/8" tbg & Arrowset pkr). Clea	ned out fill to 4231	,
6/14/08 Continued cleaning out fill	to 4344'. TOH w/ tbg.		
6/17/08 TIH w/ Arrowset pkr & 12	4 jts. 2 3/8" tbg. Circ. 55 bbls fresl	n wtr with corrosion	i inhibitor mixed. Set pkr @ 4044'.
Pressure tested to 340# held for 30m	in. Test witnessed by Richard Inge	. Chart was retained	d by field inspector.
Placed well on Injection.			
			e and belief. I further certify that any pit or below-
- K) \ ./	,		or an (attached) alternative OCD-approved plan .
SIGNATURE NOMAN (S)	uddlistin_title_f	Production Tech	DATE06-19-08
Type or print name Donna Huddl	eston E-mail address: dhudd	leston@stmaryland.	.com Telephone No. 432-688-1789
APPROVED BY: Conditions of Approval (if any):	NGS TITLE (	Compri Ance	DATE 6/23/08

Form 3160-42 (July 1992)	UNITED STATES SUBJECT IN DUPLICATI										PROVED 1004-0137 1ary 28, 1995 IN AND SERIAL N	5.
WELL CO	MPLETION	OR RECO	MPLETI	ON R	EPORT	AN	D LOC	*	NM-67]		TEE OR TRIBE NAM	Ē
In TYPE OF WE	LL: 01								7. UNIT AGR	EMENT	NAM 2	_
L TYPE OF COL	IPLETION:				Other 17-11	<u> </u>	, <del></del>	<del>- 2</del>			laware Unit	<b>.</b>
WKI.I. XX	OVER L. E			R. L.,	Other		<u> </u>	<u> </u>	8. PARM O	R LEAS	E NAME, WELL I	10.
2. NAME OF OPERA	St. Ma	ry Land & E	-	ion C	company.				Parkwa		laware Unit	_ #509
c/o Coasta	al Managem	ent Corpora	tion		<del></del>	4			30-015	•	30	
			79702-2	726	3/47	<b></b>					OR WILDCAT	-
P.O. Box 2	ILL (Report local	ion clearly and in	accordance	with any					Parkwa	ay De	laware	
At surface	7ST, and 12	10' FEL, Un	it lett	er P	OCD - A	[VEL	)		11. BEC., T., OR AREA	R., M., O	M BLOCK AND BURYS	र
At top prod. in	terval reported l	elo <b>w</b>	ire beec		- 'A)	YIES	NA		0	25	m10c p3	<b>)</b> —
4204'-4 At total depth	1324 Dela	ware ware	/						Section	on 35	, T19S, R29	)E
4400'			14. PER	MIT NO.		DATE	ISSUED		12. COUNTY	02	13. STATE	_
		W		<u>.                                    </u>			2/15/97		Eddy		New Mexic	20
15. DATE SPUDDED	16. DATE T.D.		TE COMPL. (	Keady to	prod.) 18			r, rks, s	RT, GE, ETC.)*	19. 20	LEV. CABINGBEAD	
1/15/98 20. TOTAL DEPTH, MD	1/24/9	UG, BACK T.D., MD 4	/30/98 170   22.	IF MULT	TIPLE COMPL.		33' DF		BOTARY TOO	Le	CABLE TOOLS	-
4400'		4344'		HOW MA	ANT*		DRILL	ED BY	Х	1		
24. PRODUCING INTE	BVAL(B), OF THE	S COMPLETION—TO	P. BOTTOM.	MANE (M	D AND TVD)	,	<del></del>			25.	WAS DISECTIONAL	<del>.</del>
4204 1-432	24' Delaw	are								Yes	(Copy Atta	ached)
26. TYPE BLECTRIC	AND OTHER LOCA				<del> </del>				<del></del>	27 🔻	8 WELL CORED	-
CN/GR, Al		RC N							1	No		
23.	J/PCI D/GR	CAS	ING RECO	RD (Repo	ort all string	e eet :	in well)			110		-
CASING SIZE/GRADE	WEIGHT, LE	./FT. DEPTH 8	ET (HD)	нов	E SIZE		FOP OF CEM	ENT. CE	MENTING RECORD		AMOUNT PULLED	_
13-3/8"	48#		14'	17-1		_		00 s		[	Circ.	_
9-5/8"	36#		00'	12-1	-, -		<del></del>	20 s		-	Circ.	_
7" 4-1/2"	20#		94'		3/4"	240 sx 200 sx			I		Circ. TOC @ 2380	i-
29.	1 ++•	LINER RECORI			-/	<u></u>	30.		TUBING RECO	-		
9128	TOP (MD)	BOTTOM (MD)	SACES CE	MENT.	SCREEN (M	D)	8122		DEPTH SET (M	D)	PACKER SST (MD)	_
							2-3/8	3"	4162'		4162'	<del>-</del>
31. PERFORATION RE	CORD (Internal	ize and number)	<u> </u>									-
4204 '-4324		,			82.				URE, CEMEN'			_
4204 -432-	, I Ser				4204'-				0 gals 1		<del></del>	_
											<u> </u>	_
												_
33.*				PROF	I.CTION	··	<u> </u>					-
DATS FIRST PRODUCT	TION PRO	DUCTION METHOD (	Flowing, ga			and t	type of pum	<b>p</b> )			(Producing or	-
	1	Injection							ehu.	t-in)		
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N		OIL—BBL.		GASNO	# PAN	WATER-BE	.   0	A8-OIL BATIO	-
PLOW. TUBING PRIME.	CASING PRESS		<u> </u>	<del>-&gt;</del>	ACI	<u> </u>	TED FUR	HEUU	The			
row. Tostad Pages.	(ASING PEESS	CALCULATED 24-ROUR BA		o 1		#CF.		WATER-	-	OIL CR.	AVITY-API (CORB.)	
34. DISPOSITION OF	I DAB (Bold, weed fo	or fuel, vented, etc.	)		3 1	(H)	<del>(12 0 2</del>	1	TEST WITHE	SED BY		-
						201	<u>-                                    </u>	H2IN				
35. LIST OF ATTACH	MENTS				454	iO.	CUNIC!	**************************************				-
36. I bereby cervify	A constant	A	nformatics.	la	<u>ا</u>		4.4	. <i>.</i>	10 10 10 10 10 10 10 10 10 10 10 10 10 1			_
The series certify	there-the forego	of and attached	mtorm#110#	is combi	ere and coll	ect Af	s getermine	I Trom	au avaliable r			
BIGNED	XILL	Sitter	TIT	LE	Regulat	ory	Coordi	nato	r DATE	2/	26/98	_
	1 .(5	e Instructions of	ind Space	ı fer A	dditional l	Data	on Rever	se Sid	•)		<del></del>	-
	,		Pass						-,			

# ### Torm 3160-3 (July 1989) (formerly 9-3310)

### DRAWER DD AR SIA. HM 88210

CONTACT RECEIVING OFFICE F JAMER OF COPIES REQUIRED

(Other instructions on reverse side) UNITED STATES
DEPARTMENT OF THE INTERIOR

30-015-28136	0191
MM Romsell District	$\cup 11$
Hodified Form No.	
N1060-3160-2	

BUREAU OF LAND MANAGEMENT									AND BERIAL RO.
A DDL IC		A CIV	6. IF INDIAN, A		OR TRIBE NAME				
		PERMIT TO D	KILL,	DEEPEN, C	OR PLUG B	ACK			
b. TYPE OF WSI OIL WELL  2. NAME OF OFE	DRILL XX	OTHER Inj		RINGLE CONE	PLUG BAC	re 🗌	6. FARM OR LE	y Del	aware Unit
	_	orporation 🗸	200	SEP 20 9	(505)622-22	202	9. WELL NO.		
3. ADDRESS OF O		5. po. uo.	aug	4/	000,022 27		509		
		ell, NM 88202		C. D.	47	T.J	10. FIBLD AND	POOL, 0	R WILDCAT
4. LOCATION OF At surface		tion clearly and in accor					Parkway		
	2630, F2F %	1485' FEL, NW				ु *******	11. BRC., T., E., AND SURVE	M., OR B	LE. 49625
At proposed	- 50				in dasa Sy State		Sec. 35	5: T	19S, R29E
	Northeast	of Carlsbad	N OR POS	ST OFFICE*			12. COUNTY OR Eddy	PARISE	13. STATE NM
16. DISTANCE PE	NEAREST	10'-lea	ase	16. NO. OF ACI	RS IN LEASE		OF ACRES ASSIGNS	D	
(Also to nee	R LEASE LINE, FT. Brest drig, unit line	. ir any 2630'-un	i t	.	20			N/A	4
18. DISTANCE FE	WELL, DRILLING, CO	tion <sup>e</sup> Mpleted,		19. PROPOSED		20. ROTA	AT OR CABLE TOO	LE	
	M, ON THIS LEASE, F	730		1 44	100	<u> </u>	Rotary		E WILL START
3338' ~ G	Show whether DF, I	ii, Gr. ev.)		\$:	eer <b>o</b> tany's Pol	esh			
23.	IK .						i Septell	iber .	1, 1994
		PROPOS	ED CAS	ING AND CEMEN	TING PROGRAM	<u></u>	iten Control	lg e <sup>a</sup> franc	Too Proin
HOLE SIZE	CASING SIZE	WE IGHT/FOOT		GRADE	THREAD T	YPE	SETTING BEPTH		TITT OF CEMENT
26"	20"	90#		<u> J-55</u>	8rd_		350'		sxs_circ
17½" 12¼"	13 3/8:" 8 5/8"	48# 24#		J-55	8rd		1200'	L	sxs circ
7 7/8"	51/5"	15.5#		J-55 J-55	8rd 8rd	1	3200 ' 4400 '		) sxs circ ) sxs
formatio Attachme Sur Sup	n.	illing Data			ent to inj IX	,	1	he De	laware
stipulat of lease Siete Oi Bond	ions and res described. 1 and Gas Co d Coverage:		ernin	g operatio	ns conduct	ed on 1	the lease	or po	ions, or rtion
IN ABOVE BEACE I	at is to drill or dee	O.: 3104  PROGRAM: If proposal ! pen directionally, give	to deep pertinent	data on subsurf	Ace locations and	i measured	and true vertica	i depths	. Give blowout
RIGNED	lithy 100	thy-Vely		Regul	atory Spec	ialist ———	DATE	7/21/	94
(This space i	for Federal) or State	s outce faue)	·)	APPROVA	, DATE	, ; <b>2</b>			als <b>end</b>
APPROVED BY CONDITIONS OF	PAPPROVAL, IP ANY:	CT The	MG		ocife	) <b>[]</b>	DATE	4/	720/44
- 150		Si AGRICAN		ممسا					

# Submit to Appropriate District Office State Lease — 6 copies Fee Lease — 5 copies DISTRICT I P.O. Box 1980, Hobbs, NM 88240

State of New Mexico Energy, Minerals and Natural Resources Department

SIST MY WAY	
WELL API NO.	-

Fores C-105 Revised 1-1-89

# OIL CONSERVATION DIVISION 2040 Pacheco St. Santa Fe. NM 87505

 30	-0.	<u> 15-</u>	-29	503	

5.	Indicate Type of Las	706		
		STATE	FEE	Ш
6.	State Oil & Gas Lea	se No.		
	174 67100			

P.O. Drawer DD, Artenia	a, NM 88210	Sani	care, N	יכוס זי	05			STA	TE 📉	FEE
DISTRICT III 1000 Rio Brazos Rd., A:	ziec, NM 87410					6		<b>Gas Lease N</b> o 57102	).	
WELL C	OMPLETION OF	R RECOMPLE	ETION REPOR	RT AND	LOG					
la. Type of Well: OIL WELL  b. Type of Completion:	GAS WELL		OTHER Wat			1 7	Lease Nan	ns or Unit Agre	ement N	ame
WELL XX OVER	DEEPEN	PLUG BACK	DET RESVR OTHER				1	ay Delawa	are U	nit ————
2. Name of Operator						. \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Well No.	20.4		
3. Address of Operator	and & Explora	ation - CMC	<u> </u>	<del>- ( !! : :</del>	<del> </del>	1 // 9	Pool pame	$\frac{304}{\text{or Wildest } C}$	T 1)	
1	726, Midland	, Texas 797	702-2726		WI	W/		vay Delay	Ira L	)4 Y
4. Well Location		·					. 4			/
	G: 1485	_ Feet From The	North		ine sed	1485	Feet 1	From The	East	Line
Section 35					29E	NM		ddy		County
10. Date Spudded 4/22/97	11. Date T.D. Reached	12. Date C	<mark>ompi. (Ready so Pr</mark> 5.797	od.)	1	ations (DF& 321 GL	RKB, RT, C	iR, etc.)		Casinghead 35 '
15. Total Depth 4430	16. Plug Back		17. If Multiple Cos Many Zones?	npl. How	18		Rotary Too	ds (	Sable To	
19. Producing Interval(8)	, of this completion - 1	Top, Bottom, Name	<u> </u>		I			20. Was Direct	tional Su	rvey Made
								Yes	(Copy	y Attached
21. Type Electric and Cul							22. Was W			
ZDL/CN/GR, DI	LL/MLL/GR						No	)		
23.		<b>CASING R</b>	ECORD (Re	port all	strings	set in w	ell)			
CASING SIZE	WEIGHT LB/	FT. DEPI	TH SET	HOLE S	IZE		ENTING F	ECORD	AM	OUNT PULLED
13-3/8"	48#	356		17-1			SX Cla			
9-5/8" 7"	36# 20#	1500		12-1			SX Cla			
<b>M</b> 4-1/2"	11.6#	3045			3/4" _/4"		350 SX Class "C" 250 SX Class "C"			
#1-1/2	11.0#	4422	<u> </u>	0-1	-/4	230	SA CIO	iss C	+	
24.	<del></del>	LINER RECO	RD			25.	π	BING REC	ORD	
SIZE	TOP	BOTTOM	SACKS CEMEN	rr s	CREEN		SIZE	DEPTH		PACKER SET
						2-	3/8"	4071	•	4071'
			<u> </u>					<u></u>		
26. Perforation reco										JEEZE, ETC.
4227'-4261',					PIH INTI 61'-41			INT AND KINGal 7-1/2		
4206'-4224', 4182'-4202',				12	.01 -13	101	2300 0	JUL 1-1/2	.8 IVE	
4168'-4178',	1 JSP 1.5'.	7 holes.	and 4154'-	4164'.	1 JSF	2 1.5'.	7 hole	25		<del></del>
28.			PRODUCT							
Date First Production			Flowing, gas lift, pu						us (Prod.	or Shut-in)
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - B	ы.	Gas - MC	F 	Water - Bbl.		Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24 Hour Rate	- Oil - Bbl.	Gi	u - MCF	Wat	er - Bbl.	Oil Grav	ity - API	- (Corr.)
29. Disposition of Gas (Se	old, used for fuel, vent	ed, etc.)					Test V	Vitnessed By		
30. List Attachments										
31. I hereby certify that	t the information sho	own on both side		rue and c	omplete sa	the best o	f my knowl	ledge and bel	ief	
Signature	Ua Dlub	1_,	Printed Lei	la Est	erly	Title	Regula	itory Coc	rd Da	te 7/7/97

Form 3160-5 (April2004)

# UNITEDSTATES DEPARTMENT OF THE INTERIOR OF LAND MANAGEMENT OF LAND OF LAND OF LAND

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

SUNDRY NOTICES AND REPORTS ON WELLS SEP 10 200) 5. Lease Serial No NM-67/02

Do not use the	is form for proposals to drill o ell. Use Form 3160-3 (APD) for	r to re-e such pro	nter an oposals.	6. If India	n, Allottee or Tribe Name		
SUBMIT IN TRI	PLICATE - Other instructions	on rever	se side.	7. If Unit	t or CA/Agreement, Name and/or No.		
1. Type of Well Oil Well	1. Type of Well Gas Well X Other						
2. NameofOperator St. Mary Land & Explorat	ion Co.			PDU #			
3a. Address	3b. Phone		e area code)	30-015			
	, Ste. 200 Midland, TX 797(43) c., T., R., M., or Survey Description)	2)688-17	89		and Pool, or Exploratory Area ay;Delaware		
(G) Sec. 35 - T-19S-R29 2628 FSL & 1485 FEL	E			11. Coun Eddy C New M			
12. CHECK AI	PPROPRIATE BOX(ES)TO INDICAT	E NATUR	RE OF NOTICE, R	EPORT, O	R OTHER DATA		
TYPEOF SUBMISSION		TYI	PEOF ACTION				
Notice of Intent  Subsequent Report  Final Abandonment Notice		eTreat onstruction d Abandon	Production (Standard Reclamation Recomplete Temporarily Ab	. <b>'</b>	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 MIT set for 8/5	• •	ter all require 280' (72 xed. ISIF MOCD.	ments, including reclar holes) w/ 2500 ( - 800#, 5 Min	gals, 15% 760#, 10	peen completed, and the operator has  NEFE HCL acid @ 2 BPM		
**************************************			A	FOIS SI	EP 8 2009 LIN SƏIKIM /S/ DE LAND MANAGEMENT		
<ol> <li>I hereby certify that the foreg Name (Printed/Typed)</li> </ol>	oing is true and correct	ı	L_	CARL	SBAD FIELD OFFICE		
Donna Huddleston		Title	Production Tech	1			
Signature Ammu	) Shiddleston	Date	08/19/2009				
	THIS SPACE FOR FEDERAL	L OR ST	TATE OFFICE	USE			
	ttached. Approval of this notice does not war or equitable title to those rights in the subject o conduct operations thereon.		tle		Date		
Title 18 U.S.C. Section 1001 and Title States any false, fictitious or fraudu	e 43 U.S.C. Section 1212, make it a crime for a ilent statements or representations as to any	any person kr matter with	nowingly and willfully nin its jurisdiction	to make to an	y department or agency of the United		

cist

### UNITED STATES 8 DEPARTMENT OF THE INTER!

BUREAU OF LAND MANAGEMENT

RIOR S 15 STREET

FORM APPROVED IVISIODMB NO. 1004-0137 Expires: February 28, 19

	Ex	pires:	February	28,	1995	
5.	I.KASE	DEBIG	NATION	AND	SERIAL	NO.

33210-2834<sub>M-54865</sub>

WELL CO	MPLETIC	ON OR	RECON	APLETI	ON F	REPORT "A	AND LOC	3'*			
1a. TYPE OF WE	LL:	WELL	GAR WELL		av 🗆	Other That	equion !	2: 27	7. UNIT AGE	EEMENT	HAMB
L TYPE OF COD	PLETION:								Parkwa	v Del	laware Unit
WELL XX	OVER	EN EN	BYCK [	DIFF BEST	vr.	Other		CHI			SE NAME, WELL NO.
2. NAME OF OPERA	TOR St.	Mary La			tion (	Company		7.3E	Parkway	v Del	laware Unit #20
c/o Coasta		_		-		- L 2		4	9. API WELL		
3. ADDRESS AND							•••		30-015	-3002	26
P.O. Box 2	726, Mid	land, T	Cexas 79	702-2	726	915-6	88-0700				. OR WILDCAT
4. LOCATION OF WI	KIL (Report le	ocation clea	rly and in a	ccordance	with an	y State require	mental ?	TVF	Parkwa	y Del	laware
At surface	1330	FNL 8	180' F	EL, U	nit Le	etter H	~// 4)	$\theta / \varepsilon_{C_{I,\sigma}}$	11. BEC., T., OR AREA		DE BLOCK AND SURVEY
At top prod. in	terval reporte	ed below	•					أسهال در	J., 2,00		
	Same								Section	n 35,	T19S, R29E
At total depth	Same			1 14 25	BMIT NO.		ATE ISSUED		12. COUNTY		13. STATE
	Sanc			14. 72	EATT NO.	1			PARIEN		
5. DATE EPUDDED	I IS DATE T	D. BEACHE	D   17. DATE	CONTL	Ready to	o erod.) l vo	12/15/97		Eddy Co		LEV. CABINGHEAD
	2/25		1	/9/98		18.	3350 I		IT, GE, ETC.)*	1	
2/16/98			K T.D., MD &		, IF MCL	TIPLE COMPL.	1 23. INTE		BOTARY TOO	•	S38' GL
4400 '		438			HOW N	ANT*	DRIL	LED BY	X	1	
4. PRODUCING INTE	RVAL(8), OF			BOTTOM,	NAME (S	D AND TVD)*		<del>-&gt;</del>	^	25	WAS DIRECTIONAL
										- 1	SURVEY MADS
4260'-4364	4	Delawa	are							Ye	es (copy attach
6. TTPE ELECTRIC	AND OTHER L	OGE RUN								27. W	AS WELL COSED
GR / CCL	/ CBL									No	
8.			CASI	NG RECO	RD (Rep	ort all strings	set in well)				<del></del>
CASING SIZE/GRADE	WEIGHT,	LB./FT.	DEPTH SE	F (MD)	HO	LE SIEE	FOP OF CE	ENT, CE	ENTING RECORD	2[	AMOUNT PULLED
13-3/8"	48#		315		1	7-1/2"	660 s	SX			
9-5/8"	36#		1520		13	2-1/4"	1075 sx				
7"	20#		2989		1	8-3/4"	625 sx				
4-1/2"	11.	6#	4400		(	6-1/4"	300 s	SX.			TOC @ 1870'
9.		LINE	R RECORD			· · · · · · · · · · · · · · · · · · ·	30.	1	TBING REC	ORD	
\$12E	TOP (ND)	- BOTT	OR (ND)	SACKS CE	MENT*	SCREEN (MD	<u> </u>	[	DEPTH SET (M	(0)	PACKER SET (MD)
							2-3/8	3"	4510'		4510'
1. PERFORATION RE	CORD (Interne	al size and	number)				1				
4260'-65'				(6 Ho	les)	82.	<del></del>		URE, CEMEN		
4271'-80'						Orrest Dirig					ATBRIAL USED
4284'-97'	•			•	-	Over al	I Peris		Gals 2%		Fluid
4298'-4302	(5 Hole	es) 435	3'-64'	(12 H	oles)				-12-9		
4308'-18'	(11 Hole	s)							comn	٥	
3.•	· · · · · · · · · · · · · · · · · · ·					OUCTION	<del></del> '		SO MI		
ATR FIRST PRODUCT	TION	PRODUCTION	METHOD (F	lowing, go	e lift, pr	smping—size a	nd type of pum	<b>(4)</b>			(Producing or
		Injec	ction						i -	tive	- Injector
ATE OF TEST	HOURS TES	TED C	HOKE GIZE	PROD'S		OIL-BBL.	GASXC	T.	WATER-BBI		GAS-OIL BATIO
·	<u> </u>					The same of the sa			<u> </u>		
LOW. TUBING PRESS.	CABING PRO		ALCULATED 4-HOUR BATE	011.—1		EP (ED FO	R Dras	WATER-	-DDL.	OIL GE	AVITY-API (CORR.)
			<del>&gt;</del>	COPIC		7	TEUDAD	<u>.j.                                   </u>			
4. DISPOSITION OF	ga <b>u</b> (Sold, nee	d for fuel, i	ventes, etc.)		· SGD	MARIA A	40 -	70	TEST WITHE	SSED BY	
f			<u>-</u>			The second	7008.		<u> </u>		····
5. LIST OF ATTACH				j			LUCEA	<i>t</i> :			•
Deviation	Survey		-45 N - 4 4::	<u>.</u>	-	BIM			- <u></u>		
6. I bereby certa	The top		accura in		in comp	rere man-cottee	as setermine	MOII D	aii available t	ecords	
SIGNED	XILL Z	VO	lile	_ 111	rle _ ]	Regulator	y Coordin	nator	DAT"	<b>r</b> 3.	/12/98
			{/								

# Oil Cons. UNITED STATES N.M. DIV-Dist. 2 DEPARTMENT OF THE INTERIOR W. Grand Avenue OMB No. 1004-0135 BUREAU OF LAND MANAGEMERATICSIA, NM 88210 Expires January 31, 2004 5. Lease Designation and Serial No.

SUNDRY NOTICES AND REPORTS ON WELLS
o not use this form for proposals to drill or to re-enter an

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

SUNDRY NO Do not use this fo	NM54865							
	Use Form 3160-3 (APD) fo	6. If Indian, Allottee or Tribe	: Name					
SUBMIT IN TRIPLI	CATE – Other instructions	on reverse sid	 !e	7. If Unit or CA/Agreement, Name and/or No.				
1. Type of Well			<u>-</u>	Parkway Del NMNM8				
X Oil Well  2. Name of Operator	Gas Well	Other		8. Well Name and No.				
St. Mary Land & Explora	ation Co. c/o Nance Per	troleum Con	oration	PDU #701				
3. Address and Telephone No.	ition Co. 6/6 Italice I of	iroroum cor	JOIGHOIL	9. API Well No.				
P.O. Box 7168, Billings,	MT 59103, Phone 406	5-245-6248		30-015-26025	)			
4. Location of Well (Footage, Sec., T., l	R., M., or Survey Description)			10. Field and Pool, or Explo				
1980' FSL & 990' FEL				Parkway Dela				
Sec. 35-T19S-R29E UL:	I			11. County or Parish, Sta	te			
				Eddy Co., NI	M			
12. CHECK APPRO	PRIATE BOX(s) TO INDI	CATE NATUR	E OF NOTI	CE, REPORT, OR OTHE	R DATA			
TYPE OF SUBMISSION			TYPE OF AC	CTION				
X Notice of Intent	Acidize	Deepen		Production (Start/Resume)	Water Shut-Off			
	X Alter Casing	X Fracture	reat	Reclamation	Well Integrity			
Subsequent Report	Casing Repair	New Cons	struction	Recomplete	Other			
	Change Plans	Plug and	Abandon [	Temporarily Abandon				
Final Abandonment Notice	Convert to Injection	Plug Back		Water Disposal	4-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1			
13. Described Proposed or Completed O thereof. If the proposal is to deepen direct and zones. Attach the Bond under which within 30 days following completion of t shall be filed once testing has been comp the operator has determined that the site.  We propose to perforate addition "C" perfs from 4182 – 4218' will 2003.	ctionally or Recomplete horizontal in the work will be preformed to pro- he involved operations. If the ope- eleted. Final Abandonment Notice is ready for final inspection.) all holes in the Delaware love	lly, give subsurface ovide the Bond No cration results in a cs shall be filed onl wer "C" zone fi	e locations and on file with B multiple comple y after all requi	measured and true vertical depth LM/BIA. Required subsequent etion or recompletion in a new ir rements, including reclamation, 405' and fracture stimulate. Anticipated timing is late M	as of all pertinent markers reports shall be filed herval, a Form 3160-4 have been completed, and			
14. I hereby certify that the foregoing is Name (Printed/Typed	true and correct.	<u> </u>	·	\\\ \frac{\kappa_{\omega}}{\kappa_{\omega}} \]	<b>*</b> (5)			
Herb Thac	ekeray	Engineer 25	JUN 2003  RECEIVED					
Signature Herbert	Thackeray	1.7°	OCD - ARTESIA					
	THIS SPACEFOR F	EDERAL OR S	TATE OFFI	CE USE	2 2 - 50 9 F			
· · · · · · · · · · · · · · · · · · ·	ad.) Alexis C. Swobod		PETRO	DLEUM ENGINEEH,	Da JUN 0 4 2003			
certify that the applicant holds legal or e	Condition 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.							
Title 18 U.S.C. Section 1001 and Title 4	3 U.S.C. Section 1212, makes it a	crime for any per	on knowingly	and willfully to make to any dep	artment or agency of the			

Form 3160-5 (April2004)

### DEPARTMENT OF THE INTERIOR

OCD-ARTESIA	FORMAPPROVED OM B No. 1004-0137 Expires: March 31, 200
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|--|

	CONTRACTOR LAND WANAGEMENT		5. Lease Serial No.
SUNDRY	NOTICES AND REPORTS (	ON WELLS	NM54865
	is form for proposals to drill or ell. Use Form 3160-3 (APD) for s		6. If Indian, Allottee or Tribe Name
	PLICATE - Other instructions of	on reverse side.	7. If Unit or CA/Agreement, Name and/or No.
1. Type of Well Oil Well	Gas Well X Other. DE	C 162008	8. Well Name and No.
2. Name of Operator	oc.	n America	PDU #703
St. Mary Land & Explorat	tion Co.	D-ARTESIA	9. API Well No.
3a. Address 3300 N. A. Stroot Rido. 7	ه 35. Phone Ste. 200 Midland, TX 797 <b>0\$</b> 32,	No.(include area code) NARR_17RQ	30-015-30027  10. Field and Pool, or Exploratory Area
<del></del>	c., T., R., M., or Survey Description)	J000-1709 .	Parkway; Delaware
(I) Sec. 35 - T-19S-R29E			11. County or Parish, State
2610' FSL & 430' FEL			Eddy Co.
2010 1 02 0 100 1 22			New Mexico
12. CHECK A	PPROPRIATE BOX(ES)TO INDICATE	E NATURE OF NOTICE, R	EPORT, OR OTHER DATA
TYPE OF SUBMISSION		TYPEOF ACTION	
	Acidize Deepen	Production (Sta	art/Resume) Water Shut-Off
Notice of Intent	AlterCasing Fracture		Well Integrity
S. C. L. C. C. C. C. C. C. C. C. C. C. C. C. C.		struction Recomplete	ACCEPTED FOR RECORD
Subsequent Report	Change Plans X Plugand	<del></del>	
Final Abandonment Notice	Convert to Injection Plug Bac		
determined that the site is read; 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 w PUH w/tbg laid down 27 class C. neat. SDFN.	y for final inspection.)  & OCD of MI, Trip Equip. to locati pot 25 sxs cmt, pump down SDF t & 3% CaChI @ 1892', WOC 4 f N. WOC overnight. Tag. RU to pump mix &spot 25 s 21845', contact BLM Terry Wilsor SDFN. I @ 1845', POH w/tbg, contacted backside & mix & sqz 75 sxs cla	ion. D. hrs, Tag TOC @ 1849', exs class C cmt 3% Cat h, pump 25 sxs class C  BLM Jim Amos, ok'd; F exs C cmt, 3% CaChl, W @ 1579', POH w/tbg & WL, RIH w/tbg mix & s FOC @ 794'. RU to pur	RIH w/7" pkr on 2 3/8" tbg & set pkr @ VOC 4 hrs, Release & SI for weekend. pot 130 sxs class C cmt. 2% CaChl. mp & mix spot 105 sxs cmt.
surface plug. ND BOP 8	Mibg. PAG TOC @ 179, POH wi k wellhead, RIH w/ tbg, 5 its & spi giang itustali day-hole marker.		
Name (Printed/Typed)	gang in unersity of feation of the party in		
Donna Huddleston		Title Production Tecl	h
Signature (O)	Auddlista	Date 12/04/2008	APPROVED
	THIS SPACE FOR FEDERAL	OR STATE OFFICE	USE
certify that the applicant holds lega which would entitle the applicant	<del></del>	lease Office	DEC 1 4 2008  JAMES A. AMOS SUPERVISOR-EPS
Citle 18 U.S.C. Section 1001 and Tit	le 43 U.S.C. Section 1212, make it a crime for a	by nerson 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 N. IVI. DEPARTMENT OF THE INTERIOR 1 W. Grand Avenue BUREAU OF LAND MANAGEMENT MOSIS, NM 882105. L

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

Water Shut-Off

Well Integrity

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.

Acidize

Alter Casing

5. Lease Serial No.

NM67102
6. If Indian, Allottee or Tribe Name

		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
SUPERIN TRIBLICA	TEL OTHER MEDICALISMS O	n reviews film	7. If Unit or CA/Agreement, Name and/or No.
1. Type of Well		RECEIVED	Parkway Delaware Unit 19265
Oil Well Gas Well Other			8. Well Name and No.
2. Name of Operator		JUL 3 0 7004	Parkway Delaware Unit #305
St. Mary Land & Exploration		000-4000-	9. API Well No.
3a. Address	3b. Phone	No. (include trea code)	30-015-33071
580 Westlake Park Blv. Suite 600 Houst	on, Tx 77079 (281) 677	7-2772	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T, R, M., 2000 FNL & 1564 FEL UL:G	or Survey Description)		Parkway Delaware 11. County or Parish, State
35-T198-R29E			Eddy County, New Mexico
12. CHECK APPROPRI	ATE BOX(ES) TO INDICA	TE NATURE OF NOTICE, RI	EPORT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	

Subsequent Report	Cannik Keban	Mew Constituction	X Kecombiere	U Other
	Change Pians	Plug and Abandon	Temporarily Abandon	
Final Abandonment Notice	Convert to Injection	Plug Back	Water Disposal	
If the proposal is to deepen dire Attach the Bond under which the following completion of the inv	ctionally or recomplete horizons he work will be performed or p volved operations. If the operation	ally, give subsurface location rovide the Bond No. on file on results in a multiple comp	ns and measured and true vertical with BLM/BIA. Required subse- detion or recompletion in a new i	sed work and approximate duration thereof I depths of all pertinent markers and zones, quent reports shall be filed within 30 days interval, a Form 3160-4 shall be filed once have been completed, and the operator has

Fracture Treat

Production (Start/Resume)

Reclamation

Deepen

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.)

Notice of Intent

JUL 2 8 2004

ALEXIS C. SWOBODA
PETROLEUM ENGINEER

Mary C. St. Germain Title Production Tech						
LORGIATE CEFIC	EUSE					
Name (PrintedTyped)	Title					
ant or lease		Date				
	Date 7/22/04  SE OR SEATE DEFIC	Date 7/22/04  AL CIR GFATE EFFICIEUSE  Name (Printed/Typed)  Title				

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.

la. Type of Well

b. Type of Completion:

St. Mary Land & Exploration

580 Westlake Park Blvd Suite 600 Houston, Tx. 77079

At surface 1870' FSL, 1480 FEL, UL J

TVD 4553

23. Casing and Liner Record (Report all strings set in well)

Wt. (#/fl.)

24&32

15.5

Depth Set (MD) Packer Depth (MD)

At top prod, interval reported below

2. Name of Operator

At total depth

18. Total Depth: MD 4553

Size/Grade

13 3/8 H40

8 5/8 J55

5 1/2 J55

3945

See list under #32, Page 2

14. Date Spudded

11-28-03

Hole Size

17 1/2

12 1/4

7 7/8

24. Tubing Record

25. Producing Intervals

Formation

Size

2 7/8

3. Address

### U 'ED STATES DEPARTM\_. IT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

WELL COMP	LETION	OR RECOMPL	ETION	REPORT	AND LOG
-----------	--------	------------	-------	--------	---------

19. Plug Back T.D.: MD

Bottom (MD)

341

3200

4553

Size

Bottom

New Well Work Over Deepen Plug Back Diff. Resvr.

3a. Phone No. (include area code)

□ D&A ☑ Ready to Prod.

No. of Sks. &

Type of Cement

250H, 400C

350C, 800C

585C

Size

Depth Set (MD) Packer Depth (MD)

26. Perforation Record

Perforated Interval

(281)677-2772

16. Date Completed

Stage Cementer

Depth

Oil Well Gas Well Dry Other

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

15. Date T.D. Reached

Top (MD)

0

o

TOP

12-09-03

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

FORM APPROVED OMB NO. 1004-0137 Expires: January 31, 2004 5. Lease Serial No. NM-24160 6. If Indian, Allottee or Tribe Name 7. Unit or CA Agreement Name and No. PARKWAY DELAWARE UNIT 19265 8. Lease Name and Well No. PDU #510 9. API Well No. 30-015-33072 10. Field and Pool, or Exploratory PARKWAY DELAWARE LINES 19265 11. Sec., T., R., M., on Block and Survey or Area SEC 35-T19S-R29E 13. State 12. County or Parish EDDY NM 17. Elevations (DF, RKB, RT, GL)\* GL 3329'; KB 3342'; DF 3341' 20. Depth Bridge Plug Set: MD TVD ✓ No Was well cored? Yes (Submit analysis) **☑** No Yes (Submit report) Was DST run? Directional Survey? No Yes (Submit copy) Slurry Vol. Cement Top\* **Amount Pulled** (BBL) 0 (CIRC) 0 (CIRC) 0 (CIRC) Size Depth Set (MD) Packer Depth (MD) No. Holes Perf. Status

ARE "C"  ARE "C"  racture, Trepth Interviler-4200		1		eeze, Etc.			4172-4179 4187-4200		14	OPEN OPEN						
racture, Ti		1		eze, Etc.			4187-4200		14	OPEN						
epth Interv		1		eze, Etc.												
epth Interv		1		eze, Etc.												
epth Interv		1		eze, Etc.												
<del></del>	val			27. Acid, Fracture, Treatment, Cement Squeeze, Etc.												
187-4200			Amount and Type of Material  2500 GAL 7 1/2% HCL; FRAC W/ 21,000 GAL CLEARFRAC 31,000# 16/30 BRADYS AND LAST 15,000 TREATED WITH PROPNET													
			2500 GA	L 7 1/2% H	CL; FRAC W/	21,000 GAL C	LEARFRAC 31,000	16/30 BRADYS A	ND LAST 15,000 TRE	ATED WITH PROPNET						
										- NOV 1 1 2004						
WOV 1 1200V																
OCD:ARTERIA																
ion - Inter	val A															
Test Date	Hours Tested			Oil BBL	Gos MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method							
7-22-04	24			201	30	80	42.0		1 1/2" insert pump							
Fbg. Press. Flgw.	Cag. Press	24 H Rato	ε.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status								
SI			7	201	30	80	.1493	PRODUCING	}							
ion - Inter	rvel B															
l'ent Date	Hours Tested			Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method							
bg. Press. Iwg.	Call Press			Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status								
tions and	snacas în	r arici			nane)											
TOFIS	est ste 7-22-04 bg. Press. gw. on - Interest ste og. Press. wg.	ste Tested 7-22-04 24 bg. Press. Csg. gw. Press on - Interval B est Hours ste Tested og. Press. Call press	est Hours Tested 7-22-04 24 bg. Press. Cag. Press Rate on - Interval B est Hours atc Tested pg. Press. Call Prod wg. Press Rate	est Hours Test site Tested Production 7-22-04 24 bg. Press. Cag. 24 Hr. Rate on - Interval B est Hours Test Production og. Press. Call Tested Production og. Press. Call 24 Hr. Rate ons and snacas for ackillional constants.	est Hours test de Production BBL  7-22-04 24 201  bg. Press. Cag. Press Rate BBL  201  con - Interval B  est Hours atc Tested Production BBL  201  con - Interval B  est Hours Acc Test Production BBL  cg. Press. Call Production BBL  cg. Press. Call BBL  24 Hr. Rate BBL	rest tested Production Oil MCF  7-22-04 24 201 30  bg. Press. Cag. Press Rate BBL MCF  201 30  on - Interval B  est Hours Test Production Oil BBL MCF  201 30  on - Interval B  est Tested Production BBL MCF  bg. Press. Call Production BBL MCF  og. Press. Call Rate BBL MCF  og. Press. Call BBL MCF	rest ste Tested Production BBL Gas MCF BBL  7-22-04 24 201 30 80  80 80 80 80 80 80 80 80 80 80 80 80 80 8	rest Hours Tested Production BBL Gas MCF BBL Corr. API 7-22-04 24 201 30 80 42.0  bg. Press. Cag. Press BBL Gas MCF BBL Gas: Oil Ratio  201 30 80 42.0  bg. Press BBL Gas MCF BBL Gas: Oil Ratio  201 30 80 .1493  on - Interval B  est Hours Tested Production BBL MCF BBL Corr. API  bg. Press. Call Production BBL MCF BBL Corr. API  bg. Press. Call BBL MCF BBL Gas: Oil Gravity Corr. API  bg. Press. Call BBL MCF BBL Gas: Oil Gas:	rest test description of the production of the p	on - Interval A  est Hours Test Production BBL MCF BBL Corr. API Gravity Gas Gravity 7-22-04 24 201 30 80 42.0 1 1/2" insert pump bg. Press. Cag. Press Rate BBL MCF BBL Gas: Oil Ratio  7-21 30 80 1493 PRODUCING  On - Interval B  est Hours Test Production BBL MCF BBL Corr. API Gas  Tested Production BBL MCF BBL Gas: Oil Ratio  7-22-04 24 0 201 30 80 42.0 1 1/2" insert pump bg. Press Water BBL Gas: Oil Ratio  7-21-04 24 1 201 30 80 1493 PRODUCING  On - Interval B  est Hours Test Production BBL MCF BBL Corr. API Gas  Tested Production Method Gravity Gas  Tested Production Method BBL MCF BBL Gas: Oil Ratio  Tested BBL MCF BBL Gas: Oil Ratio  Tested BBL MCF BBL Ratio  Tested BBL MCF BBL Ratio  Tested BBL MCF BBL Ratio						

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMEN 301 W. Grand Avenue Comparison of the interior of the inter

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

Date

SUNDR Do not use th	RY NOTICES AND REPO his form for proposals to ell. Use Form 3160-3 (APD	RTS ON WARLES	a, NM 8821	NM-24160 6. If Indian, Allottee or Tri	be Name
арапдолед W	ell. Use Form 31 60-3 (APD)	) tor such proposals	<b>5.</b>		
	ilelije a je z Gibariji me	errore garacust		7. If Unit or CA/Agreemen	t, Name and/or No.
1. Type of Well	7 04			8. Weli Name and No.	
2. Name of Operator	_ Other		RECEIVED	PDU #511	
St. Mary Land & Exploration				9. API Well No.	
3a. Address		3b. Phone No. (include	ared code 0 2004	30-015-33073	
500 Wantalas Barla Blas Cuito 60	00. Haveton Tv. 77070	· I	PEB ARTESI		oratory Area
580 Westlake Park Blv. Suite.60 4. Location of Well (Footage, Sec.,			S S S S S S S S S S S S S S S S S S S	PARKWAY DEAWAR	
2570" FSL & 2225' FEL UL:J	, 1, til, till, or all voy bodd spring			11. County or Parish, State	
Sec. 35, T19S, R29E				Eddy County, New Mex	cico
12. CHECK AP	PROPRIATE BOX(ES) TO	INDICATE NATUR	RE OF NOTICE, RE	PORT, OR OTHER DA	ATA
TYPE OF SUBMISSION		TY	PE OF ACTION		
Notice of Intent	Acidize Alter Casing Casing Repair	Deepen Fracture Treat New Construction	Production (Start/I	Well Integ	
Subsequent Report	Change Plans	Plug and Abandon	Recomplete	Other	
Final Abandonment Notice	Convert to Injection	Plug Back	Temporarily Abas Water Disposal	ndon	
testing has been completed. Fin determined that the site is ready  Isolated Delaware "C" perforation Perforated the Delaware "B" sand Acidized with 1500 gals of 7 1/29	ns with a CIBP plug set @ 418 1 4070-4080' with 20 holes (0.4	filed only after all require  0' with 1 sk of cement.	etton or recompletion in ments, including reclam	a new interval, a Form 3160- ation, have been completed,	4 shall be filed once and the operator has
Frac'd with 14,000 gals of Clearfi	rac and 20,500# of 16/30 Brady	sand, last 10,000# trea	1.		
24 hour well test: 8 bopd, 20 bwp Status: producing with 1 1/2" inse			ACCE	PTED FOR RECOF	₹D
			PET	JUN - 9 2004  LES BABYAK ROLEUM ENGINEER	
14. 1 hereby certify that the foregoing Name (PrintedIT uped)  Chuck Jones	g is true and correct	Title Ones	ations Manager Gulf C	Coast and Permion	
Signature Much	ans	Date	5/18/04	your mid a Gillian	
	THIS SPACE FO	OR FEDERAL OR ST			
Approved by (Signature)	CALL THE WAY THE COLUMN THE CALL THE CA	Nan	ne	TAL-	er aproprojenskáh volkta
			ted/Typed)	Title	

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.

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.

# Oil Cons. UNITED STATES N.M. DIV-Dist. 2 DEPARTMENT OF THE INTERIOR 301 W. Grand Avenue BUREAU OF LAND MANAGEMENT Artesia. NM 88210 ETION OR RECOMPLETION REPORT AND LOG

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

	WE	LL CO	MPI	ETIO	N OR RE	ECOMPLE	ETION F	REPORT	AND	LOG			Lease Ser 54865	ial No.		
ia. Type o	f Well	[√] Oil	Well	☐ Ga	s Well	Dry Ot	her					6.	If Indian,	Allotter	or Tribe Na	me
• •	f Completi					Vork Over		n 🔲 Plu	ig Back	Diff.	Resvr.	1				
,,,	•		_		_			_	J	_		7.	Unit or Ca	A Agree	ment Name	and No.
2. Name o	f Operator			her								PAR	KWAY D	ELAW/	ARE UNIT 19	9265
	•											8.	Lease Na	me and	Well No.	
ST. Mary L 3. Addres		oloration						3a Phone	No din	clude area d	anda)		#705			
580 Westla		ud Cuita	د00 H	lourton T	~ 77070			(281)677-2	,	Liude Wen i	.oue)	9.	API Well	No.		
						ordance with	Federal r	<del></del>			<del></del>		15-33136			
4. Cocanoi	i or wen (	Report R	)L(2110	<i>,,</i> (,	time in acc	D. 1.1.1.1.00 17.1.7.1		ogun emems	"	RECE	IVED	1			r Explorator	
At surface 2520 FNL 990 FEL UL:I											<u> </u>			RE UNIT 19		
Atton	prod inter	and reno	rted be	elow S/	ME					JUN 0	4 2004	111	Sec., T., or Area	R., M.,	on Block ar	id Survey
At top prod, interval reported below SAME  OF A  SAME  OF A  12. Count											Country or	SEC 35-T	19S-R29E			
At tota	al depth S.	AME							•	"OD"#TF	A I COIN	EDI	. County or	ransn	NM	.6
14. Date				15 Data	T.D. Reach			16. Date C	omnlete	<del></del>		<del></del>		e (DE I	RKB, RT, G	
14. Date	Spuducu		- 1	13. Date	I.D. Keacı	icu		D		Ready to	o Prod.	1'	. Elevation	ا دُنارِي ق	KKB, KI, G	L)
12/10/03			լ	2/22/03					5/04/			335	ERKB 335	30F 33	341GL	
18. Total					19. P	lug Back T.I				20. Dept	h Bridge Plu	ıg Set:				
		VD 454					TVD	4509				100		<u> </u>		<u> </u>
21. Type E	lectric & C	Other Me	chanic	cal Logs	Run (Subm	it copy of eac	ch)			_	well cored		No [	Xes	(Submit ana	lysis)
				n.							DST run?				(Submit repo	
GR/CAL; I					rings set in v	uall)		<del></del>		Dire	CHORAL SULV	ey ( C	NO L	ncc	(Submit cop)	<del>y)</del>
23. Casting	7						Stag	e Cementer	No.	of Sks. &	Slurry V	1 10	C'C	- 1	· //	D II 1
Hole Size	Size/Gr	ade   W	/t. (#/1	ft.)   1	op (MD)	Bottom (M	(D)	Depth		of Cement	(BBL)		Cement 1		Amount	Punea
17 1/2	13 3/8 1	H40	48		0	347			40	0 "C"	96		0 (CIR		<del></del>	
12 1/4	8 5/8 J	55	24&3	2	0	3208		1565	18	350 "C"	532		0 (CIR		<del></del> _	
7 7/8	5 1/2 J	55	15.5		0	4553			51	85 "C"	194		0 (CIR			
									T							
24. Tubing	Record															
Size	Depth	Set (MI	) P	acker De	epth (MD)	Size	Dept	h Set (MD)	Packer 1	Depth (MD)	Size		Depth Se	t (MD)	Packer De	pth (MD)
2 7/8		4083'			1						1					
25. Produc							26.	Perforation		<del></del>						
	Formatio	T):		<u>T</u>	OP	Bottom		Perforated 1	Interval		Size	No. H	oles		Perf. Status	
A) DELEW	ARE "C"							4190'-4200' 42	226'-4236'		0.4	40			OPEN	
B)	~ <del>~~~</del>															
<u>C)</u>							<del></del>									
D)	Constant T		<u> </u>		F1-											
27. Acid, I	Depth Inter		, Cem	ent Sque	eze, eic.				mount or	nd Type of !	Actorial					
4190'-4200'	<del></del>			2500 GA	1 71/2 % U	CL; FRAC W/:	01 000 GAI					CT 16	OOD TDE AT	ED MUTT	LDBODATT	
4190-4200	4220 4230			2300 07	L. / 1/4 /6 []	CL, FICAC W/	21,000 GAL	CLEARTRA	C 31,000%	10/30 BRAL	JI SAND LA	31 13,	UUU IREATI	SD WITE	PROPNET	
				<b></b>										<del></del>		
28. Produc	ction - Inte	rval A		······								ÄĈ	CEPTE	DFC	K KECC	עאנ
Date First	Test	Hours Tested	Te	st oduction	Oil BBL	Gas MCF	Water BBL	Oil Grav Corr. AF		Gas Gravity	Produ	ction M		$\equiv$		7
Produced	Date	1	1"		Į.	i i	300	1		Gravity	2" 73	o en or			7	
5/06/04 Choke	5/604 Tbg. Press.	Csg.	24	Hr.	Oil	Gas Gas	Water	Gas: Oil	40	Well Statu		SEKI	PUMP	1-27	<del>7 2004 -</del>	<del></del>
Size	Flgw.	Press	Rat	ie	BBL	MCF	BBL	Ratio		, cir state	•		1			
	31				229	45	300		197	PRODU	CING			14-2-2-		]
28a. Produ													DETROI	Y GOL	URLEY	, ]
Date First Produced	Test Date	Hours Tested	Te Pro	st oduction	Oil BBL	Gas MCF	Water BBL	Oil Grav Corr. AP	rity	Gas Gravity	Produc	tion M	thod			<u></u>
	-			П	1			}	•	",						
Choke	Tbg. Press.	Call		Hr.	Oil	Gas	Water	Gas: Oil		Well Stati	1					
Size	Flwg. SI	Press	Ra	ite	BBL	MCF	BBL	Ratio								
	L.,	<u> </u>		Щ.	<u> </u>	<u> </u>									<del></del>	
usee instr	icinons and	2.AOACAS	זחו אחו	umonai	data on ne:	xi nane)										

# N.M. Oil Cons. DIV-Dist. 2 UNITED STATES. DEPARTMENT OF THE INTERIOR DEPA

BUREAU OF LAND MANAGEMENT
SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Serial No. NM 67102

abandoned we	is form for proposals to ili. Use Form 3160-3 (API	els.	6. If Indian, Allottee or Tribe Name			
SUBMIT IN TRI	PLICATE - Other Inst	ructions on rever	se side	7. If Unit or	CA/Agreement, Name	and/or No.
1. Type of Well			RECEIVED	Portavay D	Delaware Unit	
Oil Well Gas Well	Other			8. Well Nar		
2. Name of Operator	John		- JUL 2 9 2005		Delaware Unit #306	
St. Mary Land & Exploration		(	OCD-MITTEDIA	9. API Wel		
3a. Address		3b. Phone No. (inci		30-015-33		
500 W. Alder Ded Die Gride 60	0. 11		,		d Pool, or Exploratory A	\rea
580 Westlake Park Blv. Suite 60. 4. Location of Well (Footage, Sec.,		<u>[(281) 677-2772</u>		Parkway I	Delaware	
2090' FNL & 2434' FEL UL:G	1, 12, 102., Or Survey Description	<i>"</i> "			or Parish, State	
Sec 35-T19S-R29E, N.M.P.M.					nty, New Mexico	
12. CHECK API	PROPRIATE BOX(ES) T	O INDICATE NAT	TURE OF NOTICE, RE	EPORT, OR	OTHER DATA	
TYPE OF SUBMISSION			TYPE OF ACTION			
	Acidize	Deepen Deepen	Production (Start	Resume)	☐ Water Shut-Off	
Notice of Intent	Alter Casing	Fracture Treat	Reclamation	•	☐ Well Integrity	
17 s	Casing Repair	New Construction	_		Other	
M Subsequent Report	Change Plans	Plug and Abando		ındon		
Final Abandonment Notice	Convert to Injection	✓ Plug Back	☐ Water Disposal			
5-18-05 Set 5 1/2 CIBP pkr @ 4 5-19-05 31 bbls 15% HCl acid v 5-20-05 Frac, treat sand 4058-41 5-21-05 Hung well, pumping go 5-26-05 24 hour well test - Oil =	v/68 bbls flush on formation 138'. od.	, 14 holes. Set 5 1/2 fu	ACCEPTED F	8 2005 a.c.	A CONTRACTOR OF THE PROPERTY O	
14. I hereby certify that the foregoing Name (Printed!Typed)	g is true and correct					<del></del>
Mary C. St. Germain		Title 1	Production Tech			·
Signaturo Marcie S	t. Germain	Date	7-25-05			
	THIS SPACE	FOR FEDERAL OR	STATE OFFICE USE			
Approved by (Signature)			Name (Printed/Typed)		Title	
Conditions of approval, if any, are certify that the applicant holds legs which would entitle the applicant to c	d or equitable title to those rig	ice does not warrant or hts in the subject lease	Office		Date	
Title 18 U.S.C. Section 1001 and Tit States any false, fictitious or fraudule	le 43 U.S.C. Section 1212, mak nt statements or representations	e it a crime for any pers as to any matter within i	on knowingly and willfully t ts jurisdiction.	o make to any	department or agency o	f the United

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

NMOCD

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

							AND MAN							Exp	ires:	Janu	ary 31, 200	4	_
	MET	L CC	OMP	LETI	ON	OR RE	COMPLE	TION F	REPORT	AND	LOG		5.	Lease S	Serial	No.			-
													NM 6						=
la. Type of	Well [	<b></b> Oil	Well			Well 🔲							6.	If India	n, All	ottee	or Tribe Na	ne	
b. Type of	Completio	n:		New	Well	U W	ork Over	<b>]</b> Deepe	n 🔽 Plu	g Back	Diff.	Resvr.	-	•• ••	<del></del>	<del></del>		137	_
			O	ther						•			1			_	nent Name s	ind No.	
2. Name of	Operator																RE UNIT	<del></del>	-
St. Mary La	nd & Explo	ration											1		ATILIC	MIG V	ven No.		
3. Addres							<del></del>	···-	3a. Phone	No. (inc	lude area c	ode)		#306 API W	ell No		<del></del>	-;	-
580 Westlak	e Park Blv	d Suite	600 I	lousto	n,Tx.	77079			(281) 677-2	772			- 1						
4. Location	of Well (F	eport	locatio	on clea	ırly aı	nd in acco	rdance with	Federal r	equirements,		RECEIV	/ED		5-3371 Field a		ol. or	Exploratory		_
A		m	420 T	ne ra							LOLI	LD	- 1				RE UNIT		
At Suit	ace 2090	PNL 2	430 F	EL UL	: <b>G</b>						<b>JÜL 18</b>	2005		Sec., T	r., R.,	M., c	n Block an	d Surve	_ y
At top	prod. interv	al repo	orted b	elow	SAM	E				<u> </u>	OD-AH	THE PALE	l	or Are	a SEC	:35-TI	9S-R29E		
										9	<b>200</b> 1	A 000 000 000.	12.	County	or Pa	rish	13. State	;	
At total	depth SA	ME											EDD	Y			NM		
14. Date S	Spudded	,		15. D	ate T.	D. Reache	d		16. Date Co				17.	Elevati	ions (l	OF, R	KB, RT, GI	.)*	•
									D D	&A (	Ready to	o Prod.	12220						
11-17-04 18. Total I	D46. XC	7 462	01	12-4-0	<u> </u>	lio Di	ıg Back T.E	) . MD (	100		20 Done	h Bridge l	3329			<del></del>	·		-
18. 10tai 1		₩ VD	U			19. Pil	ig Dack 1.L	TVD	190		20. Dept	n puege i	riug sei:	TV:					
21. Type El			echan	ical Lo	gs Ru	ın (Submit	copy of eacl	h)			22. Was	well cor	ed?	No	П	Yes (	Submit anal	vsis)	-
••					•						1	DST run		No No	ā		Submit repo		
					_						Dire	ctional S	urvey? [	7 No		Yes (	Submit copy	r)	
23. Casing	and Liner	Recor	d (Re	port all	string	gs set in we	11)						<del></del>						_
Hole Size	Size/Gra	nde	Wt. (#	/n.)	Тор	(MD)	Bottom (M)	D) Stag	ge Cementer Depth		of Sks. & of Cement	Slurry (BE		Cemer	nt Top	•	Amount	Pulled	
						( )		<del></del>	Depin	Type	of Cemen	(66	) 	<del> ,</del>		<del></del> -			_
<del></del>	<del> </del>						· · ·	<del></del>	· · ·						<del></del> -	$\dashv$			_
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	<del> </del>								· · · · · · · · · · · · · · · · · · ·	<del> </del>		<del> </del>	<del></del>		<del></del> ,	-+	<del></del>		-
24. Tubing	Record						······································		·	<del></del>		<del>1</del>				<del></del>	<del></del>		-
Size		Set (N	(D)	Packer	Dent	h (MD)	Size	Dept	h Set (MD)	Packer	Depth (MD	Si	ze	Depth	Set (	MD)	Packer De	oth (MD	<u>-</u>
<del></del>	1											1		T. Dopin	, , , ,		1	P.II. (	<u> </u>
25. Produci	ing Interva	ls		<u>:</u>				26.	Perforation	Record	 	<del></del>		<del></del>					-
	Formation				TO	P	Bottom		Perforated 1	nterval		Size	No. H	oles		1	Perf. Status	···	-
A) Delawar	e "C"				412	2	4248		4197-42	211		.4	15				Plug Back		_
B) Delawar					412	2	4248		4216-43	228		.4	13		,		Plug Back		_
C) Delaware	"C"				412	2	4248		4125-4	38		.4	14				Open		_
D)				.	·														
27. Acid, I			nt, Cer	ment S	queez	e, Etc.													_
	epth Inter	val							A	mount a	nd Type of	Material			·				_
4125-4138	<del></del>			31 bt	ds 15%	6 HCL with	68 bbls Flush				<del> </del>		<del> </del>				<del></del>		_
	<del> </del>	·		-		···			<del>,</del>			<del></del>				<del></del>	<del> </del>		_
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28 Produc	tion - Inter	ruol A				<del></del>						<del></del>	<del></del>				<del> </del>		_
Date First	Test	Hours	1	Cat	10	Dil	Gas	Water	Oil Grav	rity	Gas	Pro	oduction h	lethod			<del></del>		_
Produced	Date	Tested		roductio	on E	BBL	Gas MCF	BBL	Corr. Al		Gravity								
1-6-05	6-6-05	24			_	8	. 5	38					ımp	-					_
Choke Size	Tbg. Press. Flgw.	Cag.	) i	24 Hr. Rate		Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio		Well Stat	11.5	A	CCEF	TEI	) F(	OR REC	ORD	١
	SI										PRODU	CING						7	1
28a Produ	ction - Inte	rval B			<del></del> -		<del>!</del>	<u> </u>						1				+	t
Date First Produced	Test Date	Hours		Fest Producti		Oil BBL	Gas MCF	Water	Oil Grav		Gas	Pro	oduction M	etriod ,	JUL	18	2005	1	t
Firenced	J#16	1 53160	`  '	- routet	·	OOL	MCL	BBL	Corr. Al	1	Gravity		1	`	- <del>-</del>			1	1
Choke	Tbg. Press.	Call		24 Hr.		Oil	Gas	Water	Gas: Oil	<del></del>	Well Sta	tus	+	1	VIC	~ ~	0.04	4	ł
Size	Flwg. SI	Press	-	Rate		BBL	MCF	BBL	Ratio								WOBODA ENGINEE		Ì

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

1301 W. Grand Avenue Serial No.

SUNDK Do not use th	y nutices and reput is form for proposals to t	drill or to re-enter	esia, NM 882	<b>101</b> - 24160	Was a Table Name
abandoned w	is form for proposals to all. Use Form 3160-3 (APD)	for such proposa	is.	6. II indian, Alic	ttee or Tribe Name
SUBMIT IN TR	IPLICATE: Other Instru	ctions on revers	e <i>sidé</i> .	7. If Unit or CA/	Agreement, Name and/or No.
1. Type of Well	-		RECEIVED	Parkway Delay	
Oil Well Gas Well	Other		<u>v.</u>	8. Well Name a	nd No.
2. Name of Operator			FEB 1 0 2005	PDU #512	
St. Mary Land & Exploration Co	mpany	2h Dhana Na Circle	PARGORTESIA	9. API Well No	•
3a. Address			e area coney in I in the		ol, or Exploratory Area
580 Westlake Park Blvd., #600, 1		281-677-2800		Parkway Delay	• •
4. Location of Well (Footage, Sec., 2615' FSL & 1980' FWL UL:K,	T, R., M., or Survey Description) Sec. 35-T19S-R29E, N.M.P.M.			11. County or Pa	
12. CHECK AP	PROPRIATE BOX(ES) TO	INDICATE NATU	RE OF NOTICE, RE	Eddy PORT, OR OT	THER DATA
TYPE OF SUBMISSION		יד	YPE OF ACTION		
	Acidize [	Deepen	Production (Start/F	Resume)	Water Shut-Off
Notice of Intent	Alter Casing	Fracture Treat	Reclamation		Well Integrity
[7] a.t	Casing Repair	New Construction	Recomplete	$\overline{\Box}$	Other
Subsequent Report		Plug and Abandon	Temporarily Abar	ndon	,
Final Abandonment Notice	Convert to Injection	Plug Back	Water Disposal		
-	um Plus + 2% Cacl2 @ 1664' to nium Plus + 2% Cacl2 @ 439' to um Plus + 2% Cacl2 @ 90' to s	314'	e casing at 3' below GL a	and welded on st	eel plate cap. Installed
	witnessed by BLM representat	FRACED	Approved as to p Liability under bo surface restoration		
14. I hereby certify that the foregoing Name (PrintedlTyped)	g is true and correct	Title			
Dennis L. Goins	7	11116 Ор	erations Engineer		
Signature Commo	for air	Date 2/2	/2005		
a program in the company of the program of the company of the comp	THIS SPACE FO	R FEDERAL OR S	TATE OFFICE USE		
Approved by (Signature)	(ORIG. SGD.) ALEXIS C.	SWINDLINA I	ame inted/Typed)	PETA	OLEUM ENGINEER
Conditions of approval, if any, are a certify that the applicant holds lega which would entitle the applicant to c	attached. Approval of this notice of the contract of the contr		TICE RFO		PFEB 0 8 2005
Title 18 U.S.C. Section 1001 and Titl States any false, fictitious or frauduler	le 43 U.S.C. Section 1212, make it nt statements or representations as t	a crime for any person lo any matter within its ju	cnowingly and willfully to	make to any depar	tment or agency of the United

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

DEPARTMENT OF THE INTERIOR 1 W. Grand Avenue BUREAU OF LAND MANAGEMENT TO SIND LOW 88210 TO STAND LOW 88210

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

	AAET	.i. CO	WIPL	.E 1101	y OK KI	ECOMPLE	HON R	REPORT	AMD	roe. (	ال عياد		5. Lease 1 67102	Serial No.		
la. Type of	Well F	71 Oil	Well	☐ Ga:	Well [	Dry Othe	r					<del>+-</del>		ın, Allotte	or Tribe Nam	ie
	Completio					Vork Over		n 🔲 Pluj	g Back	Diff.	Resvr.	L				
••	•		Oth	ne <b>r</b>									7. Unit o	CA Agree	ement Name ar	id No.
2. Name of	Operator		- Ou											DELAWA		
St. Mary La	-	vestion										i		Name and	Well No.	
3. Addres		лицон		··· <del>·</del>				3a. Phone	No. (inc	clude area	code)	<u> </u>	U #512Y			
580 Westlal		d Suite	600 H	ouston, T	k. <i>77</i> 079			(281) 677-2			•		9. API W			
4. Location	of Well (R	Report le	ocatio	n clearly	and in acc	ordance with I	rederal re	equirements,	)*				015-3399		r Exploratory	
44		TO 1	0 1 m m									1			RE UNIT 496	25
At sur	ace 2615'	fSL, I	945' F	WL UL:	•					RECEI	VED				on Block and	
At top	prod. interv	/sl repo	rted be	low SA	MÉ								or Ar		Г19S-R29E	
								•		JUN 2,2	2005	1	2. County	or Parish	13. State	
At tota	depth SA	ME							Q	OD-AF	TEOM	ED	DY_		NM	
14. Date	Spudded	-			T.D. Reach	hed		16. Date Co			. D	1	7. Eleva	tions (DF, 1	RKB, RT, GL)	)*
4-17-05			4	1-28-05			ļ	☐ D.	&A [	Ready t	o Prod.	33	08' GL			
18. Total	Depth: M	D 460	 0		19. P	lug Back T.D	.: MD 4	450		20. Dept	h Bridge P			D	<del></del>	
	· T	VD 466	00				TVD						TV			
21. Type E	lectric & O	ther Me	chanic	al Logs	Run (Subm	iit copy of each	1)				well core		☑ No		(Submit analy	•
											DST run?		Ø No	-	(Submit report	-
** See #32		Danne	J //							Dire	ctional Su	rvey?	☑ No	Ŭ Yes	(Submit copy)	· · · · · · · · · · · · · · · · · · ·
23. Casing	and Liner	Record	з (Керс	ort all str	ings set in v	weii)	Stage	e Cementer	No.	of Sks. &	Slurry	Vol	Τ		<u> </u>	
Hole Size	ole Size Size/Grade Wt. (#/ft.) Top (MD) Bottom (MD) Depth Type of Cement (1													nt Top*	Amount P	ulled
17 1/2														0		
12 1/4	9 5/8/J-	55	36#		0	1528'			2	below				0		
8 1/2	7/3-55		36#	_ _	0	3222.59			3	. below	<b> </b>		<b></b>	0		
6 1/2	4 1/2/ J-	55	10.5#		0	4585'			3(	00 sx C	<del> </del>		<b></b>	0		
	<del>}</del>					<del> </del>	-}		├		<del>}</del>		┼		<u> </u>	
24. Tubing	Record								L		ــــــــــــــــــــــــــــــــــ		1		<u> </u>	
Size		Set (M	D) P	acker De	pth (MD)	Size	Denti	h Set (MD)	Packer	Depth (MD	) Sia	76	Dent	h Set (MD)	Packer Dep	th (MD)
	1 - 1 - 1		<del>-/ -</del>	410						2 tp. 1. (1.52	<del>/ </del>		124	50. (5)	T. GOZGE DOP	(1.12)
25. Produc	ing Interva	ls					26.	Perforation	Record	1	<u> </u>					
	Formation	n .		Т	OP	Bottom		Perforated 1	interval		Size	No.	Holes		Perf. Status	
A) Delawa	re "C"							4164-41	190		.4		26		Орев	
B) Delawa	ге "С"							4144-4	164		.4		20		Open	
<u>C)</u>																
D)				<u> </u>						1_			i		·	
	Fracture, Ti Depth Interv		t, Cem	ent Sque	eze, Etc.	<del></del>				und Type of	Matarial					
4144-4190	Jopan Inter			70 bbls 1	594 HC1 55	bbls flush 2% KC	') 1	1. Lead-195 sx				o enefe				
4144-4150				1000131	374 [101, 33	0013 114341 270 140		2. Lead-300 sp								
				· · · · · · ·				3. Stage 1 - 15		·						
										-10 + 100 sx						
28. Produ	ction - Inter	val A														
Date First Produced	Test Date	Hours Tested	Te	st oduction	Oil BBL	Gas MCF	Water BBL	Oil Grav		Gas Gravity	Pro	duction	Method			
5-17-05	5-24-05	24		П	28	5	50		-		Pur	որ	ACCE	PTED F	OR REC	ORD
Choke	Tbg. Press.	Csg.	24 Rz	Hr.	Oil	Gas	Water	Gas: Oil		Well Sta		$\top$				T
Size	Figw. SI	Press	, Ka	<u></u>	BBL	MCF	BBL	Ratio		nn	ion:o					
28a. Produ	ction - Inte	rval R			L					PRODU	UNG	+		<del>JUN 2</del>	0 2005	
Date First	Test	Hours		est	Oil	Gas	Water	Oil Grav		Gas	Proc	luction	Method		^ ^ ^	<del>)</del>
Produced	Date .	Tested	Pr	oduction	BBL	MCF	BBL	Corr. AF		Gravity				EXIS C.	<b>OLA</b> SWOBODA	
Choke	Tbg. Press.	Call	24	Hr.	Oil	Gas	Water	Gas: Oil		Well Sta	tus				LENGINEE	
Size	Flwg. Si	Press		ate	BBL	MCF	BBL	Ratio			<del></del>					
			1	, ,				,		1						

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

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

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

	W	ELL C	:OMI	PLET	ION OR	RECOMP	LETIC	ON R	emort	<b>DARA</b> D	<i>M</i>	<b>48</b> 5	8827		Lease 24160	Serial No	).
la. Type	of Well of Comple				Gas Well	Dry Work Over	Other	Deepen	☐ Pi	ug Back		Diff.	Resvr.	-	. If India	m, Allotte	ee or Tribe Name
о. гурс	or comple		•			WOIR STO	_	ovepe.,		-8				7	. Unit or	CA Agre	ement Name and No.
2 Nome	of Operato	~		Other								<del></del>		PAI	RKWAY	DELAW	ARE UNIT
	-													<b>₽</b>	Lease 1	Name and	Well No.
3. Addr	Land & Ex	pioratio	n					<del></del> 1	3a. Phone	No din	clude	aren	rode)		U #513		
		alva Sni	e 600	Housto	n,Tx. 77079				(281) 677-		· · · ·	, w, ou (	,040,	1 1	. API W		
						ccordance wi	th Fed								015-3371		<del></del>
		<b>,</b> <i>, ,</i> ·								•	-	- N				-	or Exploratory
At su	rface 170	OFSL 2	2630 F	EL UL	:J							EIV	ED	1			ARE UNIT 49625 , on Block and Survey
At to	p prod. inte	erval re <sub>l</sub>	ported	below	SAME							0 3 2		L	or Are	BEC 35-	T198-R29B
At to	al depth 8	SAME						<u>.</u>		66		<b>VIII</b>	FAIA	EDI	_	or Parish	13. State NM
14. Date	Spudded	ľ		15. D	ate T.D. Res	ched		1	6. Date C	• .		leady to	Prod.	17	. Elevati	ons (DF,	RKB, RT, GL)*
3-29-05				4-12-0				L							3' GL		
		TVD				Plug Back 7	Т	ID 467 VD	73'		20.		a Bridge P		TV	<u> </u>	
					gs Run (Sub p Neutron L	omit copy of e	ach)				22.	Was	well core DST run? ctional Sur	1	No No No	Yes	(Submit analysis) (Submit report) (Submit copy)
					strings set in						<b></b>						
Hole Size	Size/Gr	rade	Wt. (#	/ft.)	Top (MD)	Bottom (	MD)	•	cmenter epth	No. o	of Ski of Ce		Slurry (BBI		Cemen	t Top*	Amount Pulled
17 1/2"	13 3/	8.	42		0	403 '					•				(	)	
12 1/4"	9 5/8	8.	36		0	1535'					**					0	
8 1/2"	7*		23		00	3195				150	) sx *C	·				D	
61/2*	4 1/2	2*	10 1	2	00	4600				250	) sx *C	<del>"</del> —					
<del> </del>						<del></del>					_						
4. Tubin	Record																
Size	Depti	h Set (M	(D)	Packer	Depth (MD)	Size		Depth S	et (MD)	Packer I	Depth	(MD)	Siz	•	Depth	Set (MD)	Packer Depth (MD)
2 3/8°					4103'				1								and the same of th
5. Produc	ing Interv	als						26. Per	rforation	Record							
	Formatio	n		<u> </u>	TOP	Bottom		Pe	rforated I	nterval		S	ize	No. H	oles		Perf. Status
A) Delawa	re °C°								4148-41	55			.4	8			Open
3) Delawa							-		4159-41	66			.4	8			Open
Dolewer	e .C.			<del> </del>					4192-41	98			.4	13			Open
<b>)</b>												<u> </u>					
			t, Cen	nent Sq	ueeze, Etc.						1.75	63/					
	Depth Inter	V21			1 4444 4444			·	An	nount an	a ly	pe of M	ateriai			<del></del>	
1489-4198				2500 g	pla 15% HCl								<del></del>				
<del></del>			·	+	x Class C, 200 50/50 + 200	5 ax circ to surfa Class C	ce	<del></del>	- <del>(*)</del>								
28. Produc	tion - Inte	rval A															
Date First Produced	Test Date	Hours Tested		est oduction	Oil BBL	Gas MCF	Water BBL		Oil Gravi		Gs	s vity	Produ	ction M			
- 0-2000011	5-20-05	24		П	30	20	l	100			"		Pum		ACC	EPTE	D FOR RECOR
Choke	Tbg. Press.	Cag.	24	Hr.	Oil	Gas	Water		Gas: Oil		We	ll Status	1 2 4 111	<u></u>	1		
Size	Flgw. Si	Press	l Ki	ide 	BBL	MCF .	BBL		Ratio			051	n.c				
Pa Dender	tion - Inter	Nel B	L_		_		L		ــــــــــــــــــــــــــــــــــــــ		PR	oduc	ING		-	JUN	- 1 2005
Sa. Produc	Test	Hours	ĪΤ	st	Oil	Gas	Water		DAI Gravit	v	T <sub>G</sub>		Dradu	tion Me	ftod		<del>,</del>
roduced	Date	Tested		oduction		MCF	BBL		con. API	,		vity	Flode	.uni me			C. SWOBODA EUM ENGINEER
hoke Size	Tbg. Pross. Flwg. Sl	Call Press		Hr.	Oil BBL	Gas MCF	Water BBL		Cas: Oil Katio		We	ll Status			t	117411	AND INSINGER
ī		1	ı	1 1	ı	•	I		I		- 1						

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

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

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

	WEL	L CO	MPL	ET10	N OR RE	COMPLE	TION R	REPORT	AND I	LOG				Lease 24160	Serie	l No.	
ia. Type of		-			as Well	Dry Othe		, Пм	Rank		iff Par-				ian, A	llottee	or Tribe Name
b. Type of 6	Completion	1:			Yell 🔲 W	ork Over _	I Deeber	a 🗀 riug	Dack	יעיני	ui. Kesv	т.	7.	Unit	or CA	Agreen	nent Name and No.
2. Name of	0		Otl	her									PAR	KWA'	Y DE	LAWAI	RE UNIT 19625
	•												8.	Lease	Nam	e and V	Vell No.
St. Mary Lan 3. Address		ration						3a. Phone	No (inc	clude or	en code			#514			
580 Westlaki		Suite 6	500 H	louston '	Γx. 77079			(281) 677-2	•	w	<b></b> 0020)	•		API '			
						ordance with l	Federal re	<u> </u>						15-34			T1
	ce 1210	-								RECE	IVE	כ	PAR	KWA	Y DE	AWAR	Exploratory RE UNIT 49625
At top p	rod, interv	al repor	ted b	elow S.	AME						5 200			ог А	lrea S	EC 35-T1	on Block and Surve 198-R29E
At total	depth SA	ME							<b>€</b> 21	<i></i> _	uile:	<u>⇔</u> 36.5	EDI	. Соип У	ty or l	Parish	13. State NM
14. Date S	pudded			15. Date 12-4-05	T.D. Reach	ed		16. Date Co			dy to Pro	od.	1		ations	(DF, R	KB, RT, GL)*
11-21-05			1					<u> </u>		T			1	6 GL			
18. Total E	•	D 4607 D 460			19. P	lug Back T.D	L: MD 45 TVD			20. E	Depth Bri	idge Plu	g Set:		MD TVD		
21. Type Ele				cal Log	Run (Subm	it copy of each		4550		22. \	Was wel	l cored	? [	N E		Yes (	(Submit analysis)
							-,			1	Was DS		- 2	Ž N			Submit report)
* See #32										1	Direction	nal Surv		Ø N	o Ū	Yes (	Submit copy)
23. Casing	and Liner	Record	(Rep	ort all s	trings set in w	ell)											
Hole Size	Size/Gra	de V	Vt. (#/	ft.)	Top (MD)	Bottom (MI	D) Stag	e Cementer Depth		of Sks. of Ceme		(BBL)		Cen	nent T	op*	Amount Pulled
17 1/2	13 3/8/)-	55	48#		0	397			S	icc 32 **					0		
12 1/4								<del> </del>		+++					0		
8 1/2	7/3-55	<del></del>	23#		00	3198				****					0		
6 1/2	4 1/2/ 3-	55	10.5	#	0	4593				****					 		
	<u></u>			L		<u> </u>			<u>L</u>								····
24. Tubing		0 . 0 .	S. I.		a a m		- 1 -	10.05		-							<u> </u>
Size	Depin	Set (M	<u>ין פ</u> י		Depth (MD)	Size	Dept	h Set (MD)	Packer	Depth (	MD)	Size		De	pth Se	(MD)	Packer Depth (MI
2 3/8° 25. Produci	na Interval			3	906'		26	Perforation	Dagos	4							<u> </u>
23. 110ddci	Formation			Т	TOP	Bottom	- 20.	Perforated 1			Size		No. I	lales	Т		Perf. Status
A) Delawar				+	101	Dottom		4227-4			3126				+-		
B) Delawar				_				4194-4			.4		1:		+		Open Open
C) Delaware				†			<del></del>	4180-4			.4			<del>y</del> !	+-		Open
D) Delawar				1				4168-4			.4			; ;	+-		Open
27. Acid, F		catmen	ı, Cer	nent Sq	neeze, Etc.									<u></u>	<del></del>		
	epth Interv	/al						А	mount :	and Type	e of Mat	erial					
4168-4232				3000	bbls 15% HCL	75 bbls flush 29	6 KCl										
				1													
				ļ		<del></del> _											
								· · · · · · · · · · · · · · · · · · ·									
28. Produc	Test	Val A	17	est	Oil	Gas	Water	Oil Gra	.:0	Gas		In., 3.		14-45-4			
Produced	Date	Tested		roduction	BBL	MCF	BBL	Corr. A		Gra	vi <b>ty</b>	Progu	iction .	Method			
12-28-0	1-16-06	24		$\Pi$	89	20	20					Pum	Ρ	1 A	CCE	PTE	D FOR RECC
Choke Size							Water BBL	Gas: Oil Ratio			l Status						
28a, Produ	otion Total						L			PRO	ODUCIN	₹G		<del> </del>		HAL	2 3 2006
Date First	Test	Hours	Ti	est	Oil	Gas	Water	Oil Grav	rity	Gas		Dend.	eties 1	Aethod			
Produced	Date	Tested		Production		MCF	BBL	Corr. A			vity	1,1000	⊷uun n		A		C. SWOBODA FUM ENGINEER
Choke Size	Tbg. Press. Flwg.	Call Press		24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio		We	li Status			<del>-1===</del> =			

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. SI	Cag. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status							
28c. Produc	tion - Inter	val D	<del></del>		<u> </u>	<u> </u>		<del></del>							
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. Sl	Cag. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	_						
29. Disposi	tion of Ga	(Sold use	d for fuel, v	ented, etc.)											
SOLD								<del></del>							
30. Summa	ury of Poro	us Zones (1	Include Aqu	ifers):				31. Formatio	on (Log) Markers						
tests,	all import including d coveries.	ant zones ( lepth interv	of porosity a al tested, cu	and content shion used,	s thereof: C time tool op	ored interval en, flowing a	s and all drill-stem nd shut-in pressures								
Form	ation	Тор	Bottom		Descri	ptions, Conte	nts, etc.		Name	Top Meas. Depth					
	Delaware "C" 4176 4338 Oil Completion T/Tansill 1240' T/Yates 1482' T/7 Rivers 1587														
T/Yates 1482*															
			l	-					Queen	2730'					
		}	1	Ì				}	Delaware	3730'					
		1	1	ļ				1							
		i								·					
								1							
		1	-					1							
	7	<u> </u>	<u> </u>			·····	·	<u> </u>							
		-	e plugging p												
** Pumpe ***Circ w ****Cmt's	d w/250sx //280sx Les d 1st stage	Lead 13.5p ad 11.9ppg 115sx Leac	pg Tail 200 Tail 200sx : 1 11.9ppg T	sx 14.8ppg, 14.8ppg, cir ail 150sx 14	did not circ, c 71sx to pit l.8ppg, all C;	, topped w/25 , all C	icro - CFL/GR Osx thru 1" in 5 stag age 120sx Lead 11.8								
~		attachment				<del></del>									
			ogs (1 full s			Geologic Rep Core Analysis		eport 4 I	Directional Survey						
34. I her	cby certify	that the for	egoing and	attached inf	ormation is	complete and	correct as determine	d from all avail	able records (see attached instr	uctions)*					
Nam	e (please p	rint) Marcie	: St. Germain	<del></del>			Title Production	on Tech							
Sign	ature <u></u>	nreic'	St.C	cmo	is_		Date	7-06							
Title 18 !	U.S.C. Sec	tion 1001 a	and Title 43	U.S.C. Sec	tion 1212 m	ake it a crime	for any person kno	wingly and will	fully to make to any departme	nt or agency of the Unite					

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

### DEPARTMENT OF THE INTERIOR OCD-ARTESIA **BUREAU OF LAND MANAGEMENT**

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

WELL	COMPLETION (	OR RECOMPI	LETION REPORT	AND I OG
V.V.	. CURIFIE HON	UN NECUMPL	E HOW KEFOK I	MIND LOG

5. Lease Serial No. NM 24160 6. If Indian. Allottee or Tribe Name la. Type of Well Oil Well Gas Well Dry Other Water Injection Well New Well Work Over Deepen Plug Back Diff. Resyr. 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 #515 3. Address 3a. Phone No. (include area code) 9. API Well No. 580 Westlake Park Blvd Suite 600 Houston Tx. 77079 (281) 677-2772 <sub>10-015-34407</sub> SI 4. Location of Well (Report location clearly and in accordance with Federal requirements)\* 10. Field and Pool, or Exploratory PARKWAY DELAWARE UNIT 49625 At surface 1300' FSL, 1675' FWL UL:K RECEIVED 11. Sec., T., R., M., on Block and Survey or Area 8EC 35-T198-R29E At top prod. interval reported below SAME APR 0 6 7006 13. State 12. County or Parish OUU:ARTEOM At total depth SAME NM 14. Date Spudded 15. Date T.D. Reached 16. Date Completed 17. Elevations (DF, RKB, RT, GL)\* ☐ D&A ☑ Ready to Prod. 02-07-06 02-20-06 3312' GL 18. Total Depth: MD 4600 19. Plug Back T.D.: MD 4547 20. Depth Bridge Plug Set: MD TVD 4600 TVD 4547 TVD 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) No Yes (Submit analysis) Was well cored? Was DST run?  $\square$ Yes (Submit report) No Directional Survey?  $\square$ No Yes (Submit copy) 23. Casing and Liner Record (Report all strings set in well) Stage Cementer No. of Sks. & Slurry Vol. Cement Top\* Amount Pulled Hole Size Size/Grade Wt. (#/ft.) Top (MD) Bottom (MD) Depth Type of Cement (BBL) 17 1/2 .13.3/8/H-40 48# 0 400 Cire Land 12 1/4 9 5/8/H-40 32.3# ... Circ 0 1532 8 3/4 7/3-55 23# 0 3190 Circ 4 1/2/1-55 614 10.5# ----0 4597 Circ 24. Tubing Record Size Depth Set (MD) Packer Depth (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 No. Holes Perf. Status TOP Bottom Perforated Interval Size A) Delaware "C" 4218-4236 4 19 Open B) 4198-4204 4 Open C) 7 4184-4190 Open D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth interval Amount and Type of Material 4193-4264 3000 gals 15% HCl; 70 bbls of 2% flush %cmt'd w/195 sx lead 50/50 POZ C 13.5 ppg; tail 150 sx C 14.8 ppg circ cire 50 sx to surface 28. Production - Interval A Test Prode Oil BBL Oil Gravity Corr. API Date First Test Hours Tested Water BBL Gravity Produced ACCEPTED FOR RECORD 3-13-06 3-20-06 77 20 pump Choke Thg. Press. Csg. 24 Hr. Oil Gas MCF Water Gas: Oil Well Status Figw. 2006 MAR 27 Producing 28a, Production - Interval B Date First Produced Gas Gravity Oil BBL Gas MCF Water BBL Test Oil Gravity Production Method ALEXIS C. SWOBODA PETROLEUM ENGINEER Corr. API Call 24 H Well Status Oil BBL Gas MCF

28b. Produc	tion - Inter	yal 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. 31	Cag. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas; Oil Ratio	Well Status	, , , , , , , , , , , , , , , , , , , ,						
28c. Produc	ction - Inter	val D		L	.l	<del></del>									
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 Gu	(Sold use	d for fuel, v	ented, etc.)											
tests,	all import	ans zones e	of porosity :	and content	ts thereof: C time tool op	cored interva en, flowing	als and all drill-ste and shut-in pressur	m	ion (Log) Markers						
Form	ation	Тор	Bottom		Descri	iptions, Cont	ients, etc.		Name	Top Meas. Depth					
Delz	wate	4184	4236			Oil			B/Salt Tansil Yates Capitan Queen Delaware	1152 1207 1460 1668 2612 3708					
*Hi-Res I ***circ w/ ****cmt'd *****cmt'	nterolog A 280 ax Lea 1st stage 1 d w/200 sx	rray Micro d 11.9ppg, 15sx Lead 11.9 Lead	Tail 200 sx 11.9ppg Ta & 130 sx T	Three Detection 14.8pg if 115sx 14.ail 13.0ppg	og, circ 60 sx 8ppg all "C" all "C", circ	to pit ; cmt'd 2nd : 27 sx to pits	stage 120sx Lead 1	1.8ppg Tail 75sx	posite Log FMI/GR : 14.8ppg all "C", circ 36 sx to 1 0 min 800psi, 7" 120 min 800p						
1 gi		chanical L	:: ogs (1 full s ing and com			Geologic Rep Core Analysi		-	Directional Survey						
				attached inf	ormation is c	complete and			lable records (see attached inst	ructions)*					
Name Signa	~ ~	Marcie	St. Germain	<u>Germ</u>	vorry		Title Produ		And the second s						
Title 18 U	J.S.C. Sect	ion 1001 z	nd Title 43	U.S.C. Sec	tion 1212 m	ake it a crim	e for any person k	nowingly and wil	lifully to make to any departm	ent or agency of the United					

# UNITED STATES Oil Cons. DEPARTMENT OF THE INTERIOR N.M. DIV-Dist. 2 BUREAU OF LAND MANAGEMES01 W. Grand Avenues. Lease Serial No.

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

SUNDF Do not use the abandoned w	RY NOTICES AND REPOF his form for proposals to c rell. Use Form 3160-3 (APD)	RTS OM AND SIS, irill or to re-enter for such proposal	NM 88210 an s.	NM-67102 6. If Indian, Allo	ttee or Tribe Name	
SUBMIT IN TR	RIPLICATE - Other Instru	ctions on reverse	side	7. If Unit or CA/	Agreement, Name and	or No.
i. Type of Well  Oil Well  Gas Well	Other		RECEIVED	Parkway Delav 8. Well Name ar		<del></del>
2. Name of Operator St Mary Land & Exploration Co 3a. Address	mpany	3h Phone No (include	FER I O 2005	PDU 307 9. API Well No. 30-015-83713	TIZ DOM	
580 Westlake Park Blvd., #600, 4. Location of Well (Footage, Sec.		30.77.00.0		10. Field and Poo Parkway Delay	l, or Exploratory Area vare	
1560'FNL 2	060' FEL Secti	ion 35, TI	95 Rage	11. County or Par Sec. 35, T198,	FDDY	<u>/</u>
	PROPRIATE BOX(ES) TO			PORT, OR OT	HER DATA	
TYPE OF SUBMISSION		TY	PE OF ACTION			
<ul> <li>Notice of Intent</li> <li>Subsequent Report</li> <li>Final Abandonment Notice</li> </ul>	Acidize  Alter Casing  Casing Repair  Change Plans  Convert to Injection	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Production (Start/ Reclamation Recomplete Temporarily Abase Water Disposal		Water Shut-Off Well Integrity Other	
Attach the Bond under which the following completion of the inv	•	de the Bond No. on file was a suits in a multiple compiled only after all require	with BLM/BIA. Required letion or recompletion in ements, including reclam	I subsequent report a new interval, a Fa ation, have been co	s shall be filed within orm 3160-4 shall be fil	30 day ed onc
1/8/2005: Plug #1 - 150 sx Class	·	-				
Plug #2 - 120 sx Class	C + 4% Casi2 @ 450' to 350'					
Plug #3 - 60 sx Class (	C + 4% Casl2 @ 60' to surface.	Cut surface casing off	3' below GL and weld	ed on steel plate	cap. Installed well ma	arker.
P&A operations were	witnessed by BLM representative	<b>e</b> .				
		Appro Liabili surfac	oved as to pluncing of ity under bond is reta se restoration is comp	of the well bore, dined until peted.		
•					: · .	
14. I hereby certify that the foregoin Name (Printed/Typed)	g is true and correct			,		
Dennis L. Goins		Title Oper	rations Engineer	:	( )	
Signature Conses	Kimi	Date 2/1/2	2005			
	THIS SPACE FOI	R FEDERAL OR ST	ATE OFFICE USE			

Approved by (Signature)

(ORIG. SGD.) ALEXISTO, SWOBODA

Name (Printed Typed) PETROLEUM ENGINEER

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

Office

FEB 0 8 2005

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 TMENT OF THE INTERIOR

### NUCCO

FORM APPROVED

							AMD MAL				76			- {					004-0137 ry 31, 2004	
	WE	LL CO	MP	LET	ION O	R RE	COMPLE	TION	REPOF	T AND	L	OG				Lease S			<u> </u>	
			==								_			-		7102			T-iba Mass	
ia. Type of		☑ oil v							_	n n 1	_		D	į	<b>D.</b>	ix inqia	n, Alio	HEC (	or Tribe Nam	5
b. Type of	f Completi	04:	abla	Net	w Well	U w	ork Over	_ Deeb	•n 🔲	Plug Baca	L	J Din. I	Kesvr.		7.	Unit or	CA A	reen	ent Name an	d No.
			0	ther_						<del></del>				_				•	RE UNIT	
2. Name o	f Operator													j				_	/ell No.	
St. Mary L		oration							12 50		<del>.</del>				PDU	#307Y				
3. Addres					~ ~	<b></b>			1	ne No. (in	Clu	ide area c	oae)			API W		•		
580 Westla							ordance with	Fadanal	(281) 6		_		<del></del>			5-3399				
4. Location	TOT MEII (1	report to	CUIIC	ON CIE	arty ana	in acce	AUTHOR WILL	r east at i	edmi eme	<i>(us)</i> -	5	RECE	WED						Exploratory	
At sur	face 1500	FNL, 20	)60°	FEL U	IL:G						•	ILUE	IVED	'					EUNIT 496	
Atton	prod. inter	rual manar	iad b	بعمامعد	CANE							JUN 2 9	9 2005		11.	Sec., T	Γ., R., I Ba	M., 0	n Block and	Surve
At top	proc. mer	va tehot		MIOW	DAME					C		iu-af			12	County			98-R29E	
At tota	depth S	AME								.,			a a samifika		EDD	•	O1 1 00 1	-4.	NM	
14. Date	Spudded		_	15. D	ate T.D.	Reach	ed		16. Date	Complete	d			-1			ions (D	F. R	KB, RT, GL)	•
·	-,			5-11-0						D&A		Ready to	Prod.	- 1			•		, , ,	
4-29-05				L					<u> </u>						3315	'GL				
18. Total		D 4600 VD 460				19. Pi	ug Back T.I	D.: MD 4 TVD			2	0. Depti	ı Bridge	Plug	Set:	MD TV				
21. Type E	lectric & C	ther Med	han	ical L	ogs Run	(Submi	it copy of eac				2	2. Was	well con	red?	5			(cs (	Submit analys	is)
													DST run		Ē	No.		Yes (	Submit report	)
** Sec #32											L	Direc	ctional S	urve	y? 5	No	<u> </u>	es (	Submit copy)	
23. Casing	and Lines	Record	(Rej	port al	strings	set in w	eil)	T 64		I No	26	Cha A	01	. \$7.1				_		
Hole Size													Slum (Bi	y vo: 3L)	۱	Cemen	it Top*		Amount P	illed
17 1/2	13 3/8/H	-40	48#		0		415'				1. be	elow					0	I		
12 1/4	9 5/8//-	55	36#	<u>'                                    </u>	0		1500	_ _			2. be	elow					0	_		
8 1/2	7/3-5		23#		0		3220					low			_}		0			
61/2	4 1/2/ 1	-33	10.5	*	0		4600					50 sx			-		0	-		
	<del></del>	$\dashv$									Clas	00 ex			-			+		
24. Tubing	Record						L			<u> </u>		<b>3</b> C								
Size		Set (MD	) [1	Packer	Depth (	MD)	Size	Dept	h Set (MD	Packer	De	pth (MD)	S	ze		Denth	Set (M	D١	Packer Dept	(MD
	- <del>  -</del>		1							, , , , , , , , , , , , , , , , , , , ,		F== (= )	<del> </del>			Dopus	000 (111	<del></del>		- (
25. Produc	ing Interva	ls						26.	Perforati	on Record	i					<u> </u>			<del></del>	
	Formation	A			TOP		Bottom		Perforat	d Interval			Size	N	o. Ho	les		P	erf. Status	
A) Delawa									413	1-4140			.4		13				Open	
B) Delawa	re "C"			ļ					414	3-4153			.4	<u> </u>	11				Орев	
C) D)				╂		-+														
27. Acid, 1	Frantisca Ti		<u></u>	1 8		Fin						!							<del> </del>	
	Depth Inter		Cen	T	queeze,	Etc.	· · · · · · · · · · · · · · · · · · ·			Amount a	nd	Type of N	Anterial							
4134-4153	<del></del> _			1200	gala 15%	HCL 55	bbls flush 2%	KCI	1. Lead-20	) sx Class C				- 10 5						
<del></del>	<u> بر مناسخی جی پر نہ بند</u>	<del></del>		1						) ax Class C										
										63 PPI CI C										
									Stage 2 -	36 bbi CI C	@ 1	11.9 PPG, c	irc 10 bb!	to su	rface				·····	<del></del>
	tion - Inte			<u> </u>	-1		7 <u></u>				_									
Date First Produced	Test Date	Hours Tested		est roductio	ma Oil BBI		Gas MCF	Water BBL	Corr.	API		Gss Gravity	Pro	oduct 	on M			~		
6-02-05	6-08-05	24		$\Pi$		5	2	56				Ì	Pu	mp	AC	CCEF	TED	FC	OR RECC	RD
Choke Size	Tbg. Press. Flgw.	Cag. Press	24 R	4 Hr.	Oil BBI		Gas MCF	Water BBL	Gas: Ratio	Oil		Well Status								
	SI	1	1	П			}					PRODUC	אוני							
28a. Produ	ction - Inte	rval B					11			<del></del>		P KODOC	-1110	{		+-•	WW.	2-8	2005	<del> </del>
Date First	Test	Hours		est	Oil		Gas	Water		ravity	-	Gas	Pro	duch	on Me	thod			acs	-
Produced	Date	Tested	"	roductio	on BBI	•	MCF	BBL	Con.	API		Gravity				·	XIS C	). SI	NOBODA	1
Choke	Tbg. Press.	Call	124	Hr.	Oil		Ges	Water	Gag:	291		Well Statu							ENGINEER	
Size	Flwg.	Press		ote .	BBI		MCF	BBL	Ratio			1 ALL SHEETS								

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

Form 3160-4 (September 2001)

# UNITED STATES 1301 W. Grand Avenue DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT OSIA, NM 88210

FORM APPROVED
OMB NO. 1004-0137

				•					いいかい			-A- A-		~		EX	HIOS.	Jan	uary 51, 2	~	
	WE	ELL C	OMI	PLET	TION OR I	RECOMPI	LETIC	ON RI	EPORT	AND	LOG				1 ~	Lease	Sorial	No.			
									.,							61582					=
la. Type			_	<u> </u>	Oss Well	Dry (	Other	_					_		0	. If India	za, All	otte	or Tribe l	vame	
b. Type	of Comple	tion:	6	✓ Ne	w Well	Work Over	П	Deepen	Ph	ig Back	u	Diff.	Resyr.		<del>-</del>	Unit or	CAA	970/	ment Nam	e and h	<u> </u>
			(	Other											1			_	ARE UNIT	· -110 1	
2. Name	of Operato	at .																	Well No.		
St. Mary	Land & Ex	pkeration													1	) #207	1444				
3. Addr	88							Ì	3a. Phone	No. (in	clude a	rea c	ode)		-	. API W	ell No	o.		-	
					on,Tx. 77079				281) 677-					·	30-0	15-3412	S	1			
4. Location	on of Well	(Report	locat	ion cle	early and in a	ccordance wi	th Fede	eral req	uirement:	" RI	ECEI	IVE	:n						r Explorate	гу	
At su	rface 995	r FNL 1	461'	FEL U	L:B										PAR	KWAY	DEL.	\WA	RE UNIT	49625	
										Jl	ÜL 18	3 200	15		11	. Sec., 1	ī., R.,	М.,	on Block	and Su	ve;
At to	p prod. inte	aval rep	orted	below	SAME					<b>98</b> F	-AP	TE	MIA		<u></u>				198-R29B		
A + +-	tal depth S	AMP									, ,	-	<b>⊕</b> ••4		ļ	. County	or Par	rish	13. St	ato-	
				T				11	6. Date C		4				EDI				NM NED DE C	37.14	
14. Date	Spudded			13. L	oste T.D. Rea	ched		1	0. Date C	• •	u ☑ Rea	dv to	Prod.		17	. Elevati	ons (i	or, i	RKB, RT, (	JL)*	
5-23-05															331	8. OF					
18. Total	Depth: I				19.	Plug Back T	.D.: M	D 4530	5		20. I	Depth	Bridg	e Plu	g Set:						
		TVD 4		<del></del>				VD 45	36							TVI					
21, Type	Electric &	Uther M	echan	ncal L	ogs Kun (Sub	mit copy of e	ech)						well o			No	_		(Submit an		
** Sec #3	•												DST ru tional			☑ No ☑ No	_		(Submit rep (Submit co)	•	
		r Recor	d (Re	port al	l strings set in	well)						Little	HUNEI	Buive	. <del>, , , , ,</del>	<u> </u>	<u> </u>	7 65	(Gubini co)	,,	
							T	Stage C	ementer	No.	of Skr. 6	<b>&amp;</b>	Siur	ry Vo	1.	Cemen	t Ton	. 1	Amora	nt Pulled	
Hole Siz	s   Size/G	racio	Wt. (#	/ft.)	Top (MD)	Bottom (	MD)	De	pth	Туре	of Ceme	CEL		BL)		Conten	, rob		Attions	n t mier	,
171/2																(	)				
12 1/4	9 5/8/.	J-55	36			1488				1.	below						0				
8 1/2	7/3-	55	23/	*	0	3227				2.	below	$\dashv$			4	(	)	_			
6 1/2	4 1/2/	<u> 1-55</u>	11.6	5#	00	4577				18	l sx C	_			4		)	_			
									·	81 4	x C eir	-			_			-			
A4 5 41																					
24. Tubin Size	<del></del>	h Set (M	ni I	Dankar	Depth (MD)	Size	<del></del>	Depth S	40m I	Packer I	Danth ()	450		Size		T D41	G-A ()	<u>~~</u>	In. de p		<del>~</del>
5126	Depa	1 201 (14E	"	Facaci	4103	3126		Depta S	er (ML)	Packer I	Deput (A	(עוא		SIZE		Depth	261 (W	(עני	Packer D	opin (N	(עו
25. Produc	ing Interv	als .			4103	L	_	26. Per	foration	Record						<u> </u>			<u> </u>		
	Formatio			T	TOP	Bottom			rforated I			S	ize	T N	o. Ho	oles			Perf. Status		
A) Delaw	ire "C"			1	· · · · · · · · · · · · · · · · · · ·	<del></del>	_		4165-41	69			.4	1	5			_	Open		
B) Delawa	re "C"								4173-41	92			.4		20				Ореа		
C) Delewa	re "C"								4208-42				.4		11				Open		
D)																					
			, Con	nent Se	queeze, Etc.																
	Depth Inter	val		↓_					Ar	nount an	d Type	of M	aterial								
4165-4218				3000	bbls 15% HC1	, 55 bbls flush 2	% KCI		. Lead 300			50 sx									
		<del></del>		+			<del></del>		age 1 - 150												_
<del> </del>				<del> </del>	···			- 51	age 2 - 100	ex 50-50	-10+75	sx Cl	ess C								
28. Produ	ction - Inte	rval A		٠					· · · · · · · · · · · · · · · · · · ·											<del></del>	
Date First	Test	Hours	Ţ	est	Oil	Gas	Water BBL		Oil Gravi		Gas		Pr	oducti	on Me	thod					
Produced Date 16960 Produced Dat MCF 15									Corr. API		Gravit	ty	1								
7-6-05 Choke	Choke Tbg. Press. Cig. 24 Hr. Oil Gas							70	Gas: Oil		Well S		<u> P</u>	ump			===	==			<del>} -</del>
Size	1 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						Water BBL		Ratio		Wells	Henn		'	AC(	CEPT	ED I	FU	R RECO	OKD	
							<u> </u>		<u> </u>		PROL	OUC	NG							1	1
	Sa. Production - Interval B						10.		T 200 -					$\Box$					-^^		$\Gamma$
Date First Produced							Water BBL		Oil Gravit Corr. API	y	Gas Gravit	ty	Pro	oductic	m Me	thod JU		8	2005		
							;	{		1	•	}	{	1				aca	1		
Choke Size	Tbg. Press.	Call Press		Hr.	Oil	Gas MCF	Water		Gas: Oil		Well S	Status		+					/OBODA	1	T
	Flwg. Si		1		DDL	MCF	BBL		Ratio		1				F				NGINEER	₹	]
/See leaf-	untions are		100	ddistan	al data on na	<u></u>	<u> </u>		L	<del></del>	J										
LOS INCIL	网络马克拉克 克门格	大川田神代	HH H	i n nikuli	winaia on na	zi ruinai															

28b. Produ	ction - Inte	rval 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 Plwg. 3i	Cag. Press	24 Hz. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status		
28c, Produ	ction - Inte	rval 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	The Press Flwg. St	Cag. Press	24 Hz. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status		
29. Disposi SOLD	tion of Ga	(Sold use	d for fuel, v	ented, etc.)						
30. Summa	ry of Poro	un Zones (I	nclude Aqu	ifers):				31. Formatio	on (Log) Markers	
tosts, i	all import including di coveries.	epta interv	f porosity and tested, our	nd content thion used,	s thereof: C time tool op	ored interva en, flowing a	els and all drill-stem and shut-in pressures			
			D 44	1					**	Тор
Forma	ition.	Тор	Bottom		Descn	ptions, Conto	ents, etc.	1	Name	Meas. Depth
Delawa Delawa		3908	4013					Delaware	3780	
Delawa	re "B"	4013	4161					1		
Delawa	re "C"	4161	4252			Oil				
32. Additio	nal remark	s (include s	olugging pro	cedure):	<del>-</del> /					
** Compens	sated Neutr	on Three D	etector Lith	o Density a	nd Hi-Res L	aterolog - M	ficro - CFL/GR			
*Lead 195 s:	x C, Tail 1	80sx H, top	pped off w/5	0 як, 25 як,	25 sx & 25	sx thru 1"; F	inal Plug 50 sx thru	1", 25 sx circ to	pit.	·
33. Circle es			s (1 full set	req'd.)	2 <sub>Ge</sub>	ologic Repo	n 3 DST Re	port 4 Dia	rectional Survey	
_			and comen			re Analysis	7 Other:			
34. I hereby	certify the	t the foreg	oing and att	ched infon	mation is co	mplete and c	orrect as determined	from all availab	le records (see attached instru	ctions)*
Name (	please prin	() Marcie St	Germsin				Title Production	Teoh		
Signatu	ro_Mc	vice	St.G		<u> </u>		Date	13-05		

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 fictitions or fraudulent statements or representations as to any matter within its jurisdiction.

# UNITED STATES ON COME. DIVEDICE 2 IMENT OF THE INTERIOR Grand Avenue

FORM APPROVED

WELL COMPLETION OR RECOMPLETION REPORT AND LOG 5. Lease Serial No. NM 67102  1a. Type of Well	ribe Name Name and No. INIT
Ia. Type of Well  Oil Well  Oil Well  Orly Other  b. Type of Completion:  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.  Other  2. Name of Operator  St. Mary Land & Exploration  3. Address  3a. Phone No. (include area code)  580 Westlake Park Blvd Suite 600 Houston, Tx. 77079  4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface 1437 FNL, 1986 FWL UL:F  6. If Indian, Allottee or Tr.  7. Unit or CA Agreement PARKWAY DELAWARE U.  8. Lease Name and Well in PDU #402  9. API Well No.  30-015-34129 SI  10. Field and Pool, or Expl. PARKWAY DELAWARE U.  11. Sec., T., R., M., on Bill 11. Sec., T., R., M., on Bill 11. Sec., T., R., M., on Bill 12. Sec., T., R., M., on Bill 13. Sec., T., R., M., on Bill 14. Sec., T., R., M., on Bill 15. Sec., T., R., M., on Bill 16. In Indian, Allottee or Tr.  7. Unit or CA Agreement PARKWAY DELAWARE U.  8. Lease Name and Well in PDU #402  9. API Well No.  10. Field and Pool, or Expl. PARKWAY DELAWARE U.  11. Sec., T., R., M., on Bill 15. Sec., T., R., M., on Bill 15. Sec., T., R., M., on Bill 15. Sec., T., R., M., on Bill 16. Sec., T., R., M., on Bill 16. Sec., T., R., M., on Bill 16. Sec., T., R., M., on Bill 16. Sec., T., R., M., on Bill 16. Sec., T., R., M., on Bill 16. Sec., T., R., M., on Bill 16. Sec., T., R., M., on Bill 16. Sec., T., R., M., on Bill 16. Sec., T., R., M., on Bill 16. Sec., T., R., M., on Bill 16. Sec., T., R., M., on Bill 16. Sec., T., R., M., on Bill 16. Sec., T., R., M., on Bill 16. Sec., T., R., M., on Bill 16. Sec., T., R., M., on Bill 18. Sec., T., R., M., on Bill 18. Sec., T., R., M., on Bill 18. Sec., T., R., M., on Bill 18. Sec., T., R., M., on Bill 18. Sec., T., R., M., on Bill 18. Sec., T., R., M., on Bill 18. Sec., T., R., M., on Bill 18. Sec., T., R., M., on Bill 18. Sec., T., R., M., on Bill 18. Sec., T., R., M., on Bill 18. Sec., T., R., M., on Bill 18. Sec., T., R., M., on Bill 18. Sec., T., R., M., on Bill 18. Sec., T., R., M., on Bill 18. Sec., T., R., M., on Bill 18. Sec., T., R., M., on Bi	Name and No.
b. Type of Completion: New Well Work Over Deepen Plug Back Diff. Resvr.  Other  2. Name of Operator  St. Mary Land & Exploration  3. Address  Sa. Phone No. (include area code)  (281) 677-2772  4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface 1437 FNL, 1986 FWL UL:F	Name and No.
7. Unit or CA Agreement PARKWAY DELAWARE U 8. Lease Name and Well I 8. Lease Name and Well I 9. API Well No. 1. More of Operator 3. Address 3. Address 3. Phone No. (include area code) 4. Location of Well (Report location clearly and in accordance with Federal requirements)  At surface 1437 FNL, 1986 FWL UL:F  7. Unit or CA Agreement PARKWAY DELAWARE U 8. Lease Name and Well I 9. API Well No. 10. Field and Pool, or Expl PARKWAY DELAWARE U 11. Sec., T., R., M., on Bi	INIT
2. Name of Operator  St. Mary Land & Exploration  3. Address  3a. Phone No. (include area code)  580 Westlake Park Blvd Suite 600 Houston, Tx. 77079  4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface 1437 FNL, 1986 FWL UL:F  PARKWAY DELAWARE U  30-015-34129  10. Field and Pool, or Expl  PARKWAY DELAWARE U  11. Sec., T., R., M., on Bl	
St. Mary Land & Exploration  3. Address  3a. Phone No. (include area code)  580 Westlake Park Blvd Suite 600 Houston, Tx. 77079  4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface 1437 FNL, 1986 FWL UL:F	No.
3a. Phone No. (include area code)  580 Westlake Park Blvd Suite 600 Houston, Tx. 77079  4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface 1437 FNL, 1986 FWL UL:F  3a. Phone No. (include area code)  9. API Well No.  30-015-34129  10. Field and Pool, or Expl PARKWAY DELAWARE UI  11. Sec., T., R., M., on Bl	
580 Westlake Park Blvd Suite 600 Houston, Tx. 77079  4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface 1437 FNL, 1986 FWL UL:F  10. Field and Pool, or Expl PARKWAY DELAWARE UI 11. Sec., T., R., M., on Bl	
At surface 1437 FNL, 1986 FWL UL:F  At surface 1437 FNL, 1986 FWL UL:F  10. Field and Pool, or Expl PARKWAY DELAWARE UI 11. Sec., T., R., M., on Bl	
At surface 1437 FNL, 1986 FWL UL:F	loratory
11. Sec., T., R., M., on Bl	NIT 49625
	lock and Surve
At top prod. interval reported below SAME	29E 13. State
4 4 4 4 4	is. sinte NM
14. Date Spudded 15. Date T.D. Reached 16. Date Completed 17. Elevations (DF, RKB,	
6-24-05 D&A Ready to Prod.	,,
6-09-05 3314' GL	
18. Total Depth: MD 4600   19. Plug Back T.D.: MD 4550   20. Depth Bridge Plug Set: MD TVD 4600   TVD 4550   TVD	
	nit analysis)
Was DST run? ☑ No ☐ Yes (Subm	
** See #32 Directional Survey? V No Ves (Subm	nit copy)
23. Casing and Liner Record (Report all strings set in well)  Stage Cementer No. of Sks. & Slurry Vol. Cement Top®  A	
Hole Size   Size/Grade   Wt. (#/ft.)   Top (MD)   Bottom (MD)   Stage Cementer   No. of Sks. & Slurry Vol. (BBL)   Cement Top*   A	Amount Pulled
17 1/2 13 3/8//-55 48# 0 422 1. below 0	
12 1/4 9 5/8/J-55 36# 0 1500' 2 below 0	
8 3/4 7/1-55 23# 0 3230' 3. below 0	
61/8 41/2/ J-55 10.5# 0 4595' 4. below 0	
24. Tubing Record	
Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD)	ker Depth (MD
4103	
25. Producing Intervals 26. Perforation Record	
	Status
A) Delaware "C" 4195-4210 4 16 Ope	CAI
c)	
D)	
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.	
Depth Interval Amount and Type of Material	
4195-4210' 1600 bbls 15% HCl, 50 bbls flush 2% KCl 1. Lead 195 sx C, Tail 150 sx C, topped off w/275 sx Class Cto surface  2. Lead 280 sx Class C, Tail 200 sx, circ 111 sx to pit	<u></u>
3. Lead 115 sx 50-50-10, Tail 100 sx 50-50-10	
4. Lead 160 sx Class C, Tail 100 ax Class C	
28. Production - Interval A	
Date First Test Hours Test Oil Gas Water Oil Gravity Gas Production Method Produced Date Tested Production BBL MCF BBL Corr. API Gravity	
7-21-05   7-25-05   24       215   70   170   Pump	7
Choke The Press Csg. 24 Hr. Oil Gas Water Gas Oil Well Status	FCORD
Choke Tbg. Press. Csg. 24 Hr. Oil Gas Water Gas: Oil Rutio Well Status ACCEPTED FOR R	ECORD
Choke Tbg. Press. Csg. 24 Hr. Oil Gas Water Gas: Oil Well Status ACCEPTED FOR R	ECORD

24 Hr Rate

Oil BBL

Water BBL

Gas: Oil Ratio

Well Status

ALEXIS C. SWOBODA PETROLEUM ENGINEER

### UNITED STATES DEPARTMENT OF THE INTERIOR OCD-ARTESIA

FORM APPROVED OMB NO. 1004-0137

					AND MANA					- "			Exp	ires: Jan	ыгу 31,	2004	
	WELI	L COMI	PLETIO	N OR RE	COMPLET	ION R	EPORT	AND L	_OG			5. Le	ase S	erial No.			
											<u> </u>			n, Aliotte	or Trib	- Name	<del></del>
a. Type of '		_			Dry Other					_	1	6. II	Ingla	n, Amone	: 01 1110	e Manne	
b. Type of (	Completion	։ [	New W	ell 🔲 W	ork Over 🔲	Deeper	a 📙 Plug	Back	Diff.	Resvr.	⊢	7 11	nit 05	CA Agree	ment N	ome and	No
		•	Other				<del></del>				ļ			•			140.
2. Name of	Operator													DELAW A			
St. Mary Lan	d & Explor	ation										ים. ט. #עם #ז					
3. Address							3a. Phone	No. (inc	lude area	ode)	F			eli No.			
80 Westlake	e Park Blvd	Suite 600	Houston, T	x. 77079			(281) 677-2	772				- 1		s \$1			
4. Location	of Well (Re	port loca	tion clearly	and in acc	ordance with Fe	ederal re	equirements)	*			P			nd Pool, o	r Explor	atory	
											ļ			DELAWA	-		;
At surfa	ce 1980']	FNL, 430'	FEL UL:H					0	-CEN/	:n	F	-		., R., M.,			
At top p	rod. interv	al reported	below SA	ME				112	CEIV	· · ·		C	or Áre	a SEC 35-	Ր19S-R29	Æ	•
								M	AR 1 4 2	106	ı			or Parish		. State	
At total	depth SAI	ME									, E	EDDY	•		NN	A	
14. Date S	pudded		15. Date	T.D. Reach	ed		16. Date Co	mplête	1 1 1 1 1 1 1	<del></del>		17. E	levat	ions (DF,	RKB, R	T, GL)*	
	•		ļ					&A [	Ready t	o Prod.	.						
01-05-06			01-13-06									3338' (	GL				
18. Total I	•			19. P	ug Back T.D.:				20. Dept	h Brid	ge Plug	Set:	ME				
01 T FI		1) 4600	-!! !	Down (Cookers	t same of analy	TVD	4544		00 11/	11			TV		(C)	t analysi	
21. 1ype E	eeme & Oi	ner Mecin	micai ross	van (onoin	it copy of each)	,			22. Was	DST				_	•	t report)	•,
*See #32														=	(Submi		
	and Liner	Record (	Peport all st	rinos set in w	vell)							· <u> </u>			(		
	Direction Direction and Liner Record (Report all strings set in well)  Size Size/Grade Wt. (#/ft.) Top (MD) Bottom (MD) Stage Cementer Depth Type of Cement Company Co													nt Top*	An	nount Pul	led
Hole Size	Size Size/Grade Wt. (#/ft.) Top (MD) Bottom (MD) Depth Type of Cement												Comic	и тор	^	HOMEL I W	
17 1/2	13 3/8/H-	40 4	18#	0	411'				**							Circ	
12 1/4	9 5/8/H-4	40 3:	2.2#	0	1525				***							Cire	
8 3/4	7/3-55		3#	0	3178				****							Circ	
6 1/4	4 1/2/3-5	5 10	0.5#	0	4595				****							Circ	
					<u> </u>									<del></del>			
	<u></u>				<u> </u>		<del></del>	<u> </u>							<u> </u>		
24. Tubing	Record				<b></b>												
Size	Depth	Set (MD)	Packer D	epth (MD)	Size	Dept	h Set (MD)	Packer	Depth (MI	<u>)</u>	Size		Depti	Set (MD)	Pack	er Depth	(MD)
2 3/8		122	<u> </u>									1					
25. Produci				<del></del>	· · · · · · · · · · · · · · · · · · ·	26.	Perforation		<u> </u>								
	Formation	<u> </u>		TOP	Bottom		Perforated :	interval		Size	N	o. Hol	les		Perf. S	tatus	
A) Delawar	e C						4193-4196; 4			.4	-	4; 7			Орс	<u> </u>	
B)		<del></del>					4220-4226; 4		<u>!</u>	.4		7; 9		<del></del>	Оре		
<u>C)</u>	<del></del>			·			4258-4	264		.4		13			Орс	<u> </u>	
D)	- A																
	Fracture, Tr Depth Interv		zement Squ	eeze, fic.				mount :	and Type of	Motor	al						
	epin miciv		2500	1- 160/ 1101-	16 h h 60 h . 20			anount a	aid Type of	Mater							
4193-4264		<del></del>	2300 ga	B 13% HCI;	5 bbls of flush 29	& IICI				-							
		·		ad 200 m T a	id 35/65 C 12.8pp	o Toil 15	O C 14 800										
					nu 1" in 7 stages c			g no cuc			<del></del>						
28. Produc	tion - Inter	val A	Tubber	W/4003X C UI	iu i m i manges e	HC 13 3X	ID 301 face										
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gra		Gas		Product	ion Me	thod	·			_
Produced	Date	Tested	Production	BBL	1 1	BBL	Corr. A	P)	Gravity		)						
2-11-06 Choke	3-1-06	Cag.	24 Hr.	Oil	Gas	223 Water	Gar: Oil		Well Str		pump	Ar	T.F	PTED	म् (सि	HEC (	ाद्धा
Size	Tbg. Press.	Press	Rate	BBL		BBL	Gas: Oil Ratio		m cu ou			1		PIED		1/1-0/	71 <b>(</b>
	SI		$\prod$		1				Produc	ing							
28a. Produ	ction - Inte	rval B												MAD 1	LO. 21	006	L
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL		Water BBL	Oil Gra Corr. A		Gas Gravity		Product	on Met	thod	TRAIT	0 2		
.,.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						JUL	Con. A	• •	Giavily						(	ics)	]
Choke	Tbg. Press.	Çali	24 Hr.	Oil	Gas	Water	Gas: Oi	<u> </u>	Well St	atus		<del> </del>		EXIS C			···········
Size	Flwg.	Press	Rate	BBL	MCF	BBL	Ratio		1	-			7E1	ROLEU	M FNC	INFE	<

Tbg. Press. Flwg. SI

Summary of Processor   25 km   MoF   88L   Cor. Aft   Covery	b. Produc	ction - Inter	val C											
Production - Interval D   Date   Press   Easte   BB1   MGF   MGF	ate First roduced				Oil BBL		Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method				
Test   Decidence	oke ze	Flwg.							Well Status	l Status				
Date   Production   BBL   MCF   BBL   Corr. API   Gravity	c. Produ	ction - Inter	val D	<u> </u>	<u> </u>									
Disposition of Gas (Sold used for fiel, vented, etc.)  Summary of Porous Zones (Include Aquifers):  Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem state, including depth interval tasted, cushion used, time tool open, flowing and shut-in pressures and recoveries.  Formation Top Bottom Descriptions, Contents, etc. Name Top.  Delaware Oil BuSalt 1213  Queen 2671  Delaware 3712  Delaware 3712  Pili-Res Laterolog Array Micro-CFL/GR; Three Detector Litho-Density Compensated Neutron/GR; Goology Composite Log FMI/GR  **circ w/280 sx Lead 11 Spog. Tail 200x **C** 14 Spog. circ 171sx to pil****careful st stage 150sx Lead 11 Spog. Tail 200x **C** 14 Spog. dir C**, circ d'at st stage 150sx Lead 11 Spog. Tail 200x **C** 14 Spog. dir C**, circ d'at st stage 150sx Lead 11 Spog. Tail 200x **C** 14 Spog. dir C**, circ d'at st copies**  Time WOC - 13 3/8** 31 hrs; 9 5/8** 8.5 hrs; 7*9 hrs; 4** 10.5 days Press Testing - 13 3/8** 30 min @ 600 psi, 9 5/8** 30 min 750 psi, 7** 30 min 1400 psi, 4 11/2** 30 min 3.  Since work of the plugging and centest verification of Core Analysin 7 Other:  1 Electrical/Mechanical Logs (1 full sat req'd.) 2 Geologic Report 3 DST Report 4 Directional Survey 5 Sunday Notice for plugging and centest verification is complete and correct at determined from all available records (see attached instructions)*  Name (please print) Macric 31. Germain Title Production Tech	ate First oduced			Test Production		Gss MCF				Production Method				
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.  Formation Top Bottom Descriptions, Contents, etc. Name Top Meas. Depth Meas. Depth Delaware  Oil BySalt 1213 Queen 2671 Delaware 3712  Phi-Res Laterolog Array Micro-CFL/GR, Three Detector Litho-Density Compensated Neutron/GR, Geology Composite Log FMI/GR  **circ w/280 ax Lead 11.9pgg. Tail 200ex "C" 14.8ppg all" C", circ 41 ax to surface  **circ w/280 ax Lead 11.9pgg. Tail 200ex "C" 14.8ppg all" C", circ 40 at tage 120ex Lead 11.8ppg Tail 75ex 14.8ppg all "C", circ 41 ax to surface  **circ w/280 ax Lead 11.9pgg. Tail 200ex "C" 14.8ppg all" C", circ 40 at tage 120ex Lead 11.8ppg Tail 75ex 14.8ppg all "C", circ 41 ax to surface  **circ w/280 ax Lead 11.9pg Tail 170ex tail 13.0pgg all "C", circ 40 at tage 120ex Lead 11.8ppg Tail 75ex 14.8ppg all "C", circ 41 ax to surface  **circ w/280 ax Lead 11.9pg 7.58" 8.5 hrs; 7* 9 hrs; 4* 10.5 days Press Testing - 13.38" 30 min @ 600 psi, 9 5/8" 30 min 750 psi, 7* 30 min 1400 psi, 4 11/2" 30 min 13. Circle enclosed attachments:  1 Electrical/Mechanical Logs (1 full set req'd.) 2 Geologic Report 3 DST Report 4 Directional Survey  5 Stundny 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 (please print) Macrie 31. Germain Title Production Tech	oke ze	Flwg.							Well Status					
Show all important zones of perosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, eushion used, time tool open, flowing and shut-in pressures and recoveries.  Formation Top Bottom Descriptions, Contents, etc. Name Top Meas. Depth Contents, etc. Name Top Meas. Depth Contents, etc. Name Top Meas. Depth Contents, etc. Name Top Meas. Depth Contents, etc. Name Top Meas. Depth Contents, etc. Name Top Meas. Depth Contents, etc. Name Top Meas. Depth Contents, etc. Name Top Meas. Depth Contents, etc. Name Top Meas. Depth Contents, etc. Name Top Meas. Depth Contents Top Meas. Depth Contents, etc. Name Top Meas. Depth Contents Top Meas. Depth Contents Top Meas. Depth Contents Top Meas. Depth Contents Top Meas. Depth Contents Top Meas. Depth Contents Top Meas. Depth Contents Top Meas.	. Dispos	ition of Ga	s (Sold use	ed for fuel,	vented, et	c.)								
tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.  Formation Top Bottom Descriptions, Contents, etc. Name Top Meas. Dept Meas. Dept Delaware Oil B/Salt 1213 Queen 2671 Delaware 3712  32. Additional remarks: (include plugging procedure): Hil-Res Laterolog Array Micro-CFL/GR; Three Detector Litho-Density Compensated Neutron/GR; Geology Composite Log FMI/GR  **cric w/280 sx Lead 11.9ppg, Tail 200sx 'C* 14.8ppg, circ 171sx to pit  **eric w/280 sx Lead 11.9ppg, Tail 200sx 'C* 14.8ppg, circ 171sx to pit  **eric w/280 sx Lead 10.9ppg, Tail 300sx Tail 13.0ppg all "C", circ 40sx to pits  **ime WOC - 13.3/8" 31 brs, 9.5/8" 8.5 brs; 7" 9 brs; 4" 10.3 days Press Testing - 13.3/8" 30 min @ 600 psi, 9.5/8" 30 min 750 psi, 7" 30 min 1400 psi, 4.1/2" 30 min 31.  33. Circle enclosed attachments:  1 Electrical/Meclanical Logs (1 full set reg'd.) 2 Geologic Report 3 DST Report 4 Directional Survey 5 Sundry Notice for plugging and coment verification 6 Core Analysis 7 Other:  13. Ibereby certify that the foregoing and stached information is complete and correct at determined from all available records (see attached instructions)*  Name (please print) Marcie 31. Germain Title Production Tech		•				ents thereof:	Cored inters	rale and all drillets	1	ion (Log) Markers	<u> </u>			
Delaware  Oil  BySalt Queen 2671 Delaware  Oil  Cil  Delaware  Oil  Delaware  Oil  Delaware  Oil  Delaware  Oil  Delaware  3712  Delaware  40000  Delaware  40000  Delaware  40000  Delaware  40000  Delaware  40000  Delaware  40000  Delaware  40000  Delaware  40000  Delaware  40000  Delaware  40000  Delaware  40000  Delaware  40000  Delaware  40000  Delaware  40000  Delaware  40000  Delaware  40000  Delaware  400	tests,	including d	lepth inter	val tested, c	ushion use	ed, time tool	open, flowing	and shut-in pressur	res					
Queen 2671 Delaware 3712  3712	Form	ation	Тор	Botton		Desc	criptions, Con	atents, etc.		Name	Top Meas. Depth			
Queen 2671 Delaware 3712  3712										<del></del>	1			
Delaware  3712  32. Additional remarks: (include plugging procedure):  PHi-Res Laterolog Array Micro-CFL/GR; Three Detector Litho-Density Compensated Neutron/GR; Geology Composite Log FMI/GR  **circ wr/280 ax Lead 11.9ppg Tail 200ax "C" 14.8ppg, circ 171sx to pit  ***cmtd 1st stage 130ax Lead 11.9ppg Tail 175ax 14.8ppg all "C", circ 40ax to pits  ***cmtd' st stage 130ax Lead 11.9ppg Tail 115ax 14.8ppg all "C", circ 40ax to pits  **Ime WCC - 13 3/8" 31 hrs; 9 5/8" 8.5 hrs; 7" 9 hrs; 4" 10.5 days Press Testing - 13 3/8" 30 min @ 600 psi, 9 5/8" 30 min 750 psi, 7" 30 min 1400 psi, 4 1//2" 30 min  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:  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*  Name (please print) Marcie St. Germain  Title Production Tech	Dela	aware		1			Oil			B/Salt	1213			
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 171sx to pit  "*cmt'd 1st stage 150ax Lead 11.9ppg Tail 115ax 14.8ppg all "C", cmt'd 2nd stage 120ax Lead 11.8ppg Tail 75ax 14.8ppg all "C", circ 41 sx to surface  "*cmt'd 1st stage 150ax Lead 11.9ppg Tail 115ax 14.8ppg all "C", circ 40ax to pits  "me WCC - 13 3/8" 31 hrs; 9 5/8" 8.5 hrs; 7" 9 hrs; 4" 10.5 days Press Testing - 13 3/8" 30 min @ 600 psi, 9 5/8" 30 min 750 psi, 7" 30 min 1400 psi, 4 1//2" 30 min  33. Circle enclosed attachments:  1 Electrical/Mechanical Logs (i 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:  Name (please print) Marcie St Germain  Title Production Tech				1						Queen	2671			
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Name (please print) Marcie St. Germain  Title Production Tech	5 s	undry Notic	e for plug	ging and cer	nent verifi	cation 6	Core Analys	sis 7 Oth	ег:					
Λ	34. I her	eby certify	that the fo	regoing and	attached	information i	s complete an	nd correct as determ	ined from all ava	ilable records (see attached ins	tructions)*			
	Nam	ne (please p	rint) Marci	e St. Germain	l			Title Produ	uction Tech					
Signature Marcie St. Commun. Date 3-6-06	Sien	uature	Narci.	e5+.(	7	i .		Date 3-6-	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 DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

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

VACELL	CORADI ETION	OP PECOMPI	ETION REPORT	ANDLOG
WELL	COMPLETION	OR RECOMPL	ETION REPORT	AND LUG

	WE	LL C	OMP	LETIC	ON OR RI	ECOMPLE	ETION F	REPORT	AND	LOG				Lea.		ial No.			
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St. Mary L		oration		·····			·	3a. Phone	No din	aluda a		oda)	PDI	J # <b>70</b>	7 .			·····	
3. Addres		ed Cerisa	. 400 I	Jaustan	T~ 77070			(281) 677-		Cinue u	ren ci	oue)			Well				
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At sur	face 1980	FSL,	430' FE	IL UL:I						APR 1	197	ากกร						NIT 4962	
At top prod. interval reported below SAME  APR 1 9 2006  Out-Att Econ													1	l. Sec	.,T., Area	R., M.,	on E	lock and	Survey
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												DST sun?			lo [	=		mit report)	•
*See #32	and Lines	Page	d /n	am all a	rings set in w			<u> </u>		L	Direc	tional Su	rvey?	<u> </u>	lo L	res	(Sub	mit copy)	
23. Casing	and Lines	Recoi	и (кер	ort all s	rings set in w	1	Stage	e Cementer	No.	of Sks.	&	Slurry	Vol						
Hole Size	Size/Gr	ade	Wt. (#/	ft.)	Top (MD)	Bottom (M		Depth Type of Ceme				(BBL)		Cement Top*			Amount Pulled		
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24. Tubing	Record					<del></del>			<u> </u>								L		
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A) Delawa	re "C"							4182-4190; 4195-4202			.4		9;	8	Open				
B)								4210-4230; 4236-4242			.4		21; 13		Open				
C)				<u> </u>			4244-4	4244-4252			.4		17			Open			
D)				<u> </u>											<u> </u>				
	Fracture, Ti		ıt, Cen	ent Squ	eeze, Etc.														
	Depth Inter	val		<b></b>					mount a	nd Type	e of M	laterial						· · ·	
				2500 ga	ls 15% HCl; 7	5 bbls of flush 2	% HCI	··		· · · · · · ·									
				<del> </del>															
				<del> </del>		d 50/50 C 13.5p			no circ										
28 Brodu	ction - Inter	Trol A		topped	w/640sx C thr	u 1" in 13 stage	s circ 23 sx	to surface											
Date First	Test	Hours		est	Oil	Gas	Water	Oil Grav	rity	Gas		Proc	Juction	Method					===.
Produced	Date	Tested	Pr	oduction	BBL	MCF	BBL	Corr. Al	PI	Grav	vity					TED	FC	R REC	CORD
2-28-06	4-2-06	24		Ш.	0	0	300					pur	np						
Choke Size	Tbg. Press. Flgw.	Csg. Press		Hr. ste	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio		Well	Status	•	1		1				
si si si si si si si si si si si si si s						1		Producing					APR 1 7 2006						
28a. Produ	ction - Inte	rval B			<del></del>			·				<u> </u>			<u> </u>		· <u>/</u>		,
Date First	Test	Hours		est	Oil	Gas	Water	Oil Gray	rity	Gas		Proc	luction N	lethod				0	
Produced	Date	Tested	Pr	roduction	BBL	MCF	BBL	Corr. AF	า	Grav	vity		1					NOBOD. ENGINE	
Choke	Tbg. Press.	Call	24	Hr.	Oil	Gas	Water	Gas: Oil		Well	l Statu						J.VI L		
Size	Flwg.	Press		ate	BBL	MCF	BBL	Ratio			Well Status								
		L			1														
/See instri	ictions and	snaca	s for a	dditions	i data on na	rt nane)													

Does First   Test   Feet   Feet   Feet   Feet   Feet   Feet   Front-cition   Bibl.   MCP   Bibl.   MCP   Bibl.   MCP   Bibl.   MCP   Bibl.   MCP   Market	28b. Produ	ction - Inter	rval C					•*			
Size   Flog.   Fres.   Flog.   Fres.   East   Bibl.   MCF   BBL   Retio					Oil BBL	Gas MCF			Gas Gravity	Production Method	-
Delaware   Al R2   Additional remarks (include plugging procedure):		Flwg.							Well Status		
Delaware   Disposition of Gas (Sold used for fuel, vented, etc.)   Gravity	28c. Produ	ction - Inter	rval D								
Size   Five   Press   Rate   BBL   MCF   BBL   Ratio				Test Production	Oil BBL			Corr. API		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 open, flowing and shut-in pressures and recoveries.  Formation Top Bottom Descriptions, Contents, etc. Name Top Meas. Depth Delaware 4182 4252 Oil Completion B/Salt 1212  Tansil 1268  Capitan 1718  Queen 26833  Delaware 37344  **Hi-Res Latterolog Array Micro-CPL/GR; Three Detector Litho-Density Compensated Neutron/GR; Geology Composite Log FMI/GR  *****Circ w/280 sx Lead 11.9ppg, Tail 250xx C71 48pg all "C7"; cmrld 2nd stage 115sx Lead 11.8ppg Tail 150xx 14.8ppg all "C7" cmrld 2nd stage 115sx Lead 11.9ppg Tail 150xx 14.8ppg all "C7"; cmrld 2nd stage 115sx Lead 11.9ppg Tail 150xx 14.8ppg all "C7"; circ 27sx to pits  ******Circ w/280 sx Lead 21.9ppg, Tail 250xx Tail 13.0ppg all "C7"; circ 27sx to pits  *******Circ w/280 sx Lead 21.9ppg, Tail 250xx Tail 13.0ppg all "C7"; circ 27sx to pits  ***********************************		Flwg.							Well Status		
Show all important zones of porosity and contents thereof: Cored intervals and all drill-stom tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recovering.  Formation Top Bottom Descriptions, Contents, etc. Name Top Meas. Depth Delaware 4182 4252 Oil Completion B/Salt 1212 Tansil 1268 Capitan 1718* Queen 2683* Delaware 3734*  32. Additional remarks (include plugging procedure):  **Hi-Res Laterolog Array Micro-CFI/OR; Three Detector Litho-Density Compensated Neutron/GR; Geology Composite Log FMI/GR  ****Circ w/280 sx Lead 11.9ppg, Tail 200ax *C** 14.8ppg, circ 82sx to pit  ******Circ w/280 sx Lead 11.9ppg, Tail 200ax *C** 14.8ppg, ail *C**; critt'd 2nd stage 115sx Lead 11.8ppg Tail 150sx 14.8ppg ail *C**; critt'd 2nd stage 115sx Lead 11.8ppg Tail 150sx 14.8ppg ail *C**; critt'd 2nd stage 115sx Lead 11.8ppg Tail 150sx 14.8ppg ail *C**; critt'd 2nd stage 115sx Lead 11.8ppg Tail 150sx 14.8ppg ail *C**; critt'd 2nd stage 115sx 16sx 16sx 16sx 16sx 16sx 16sx 16sx 16	29. Dispos	ition of Gas	s (Sold use	d for fuel, v	ented, etc.	)					
Polaware 4182 4252 Oil Completion B/Salt 1212  Tansil 1268 Capitan 1718 Queen 2683 Delaware 3734  32. Additional remarks (include plugging procedure):  **Hi-Res Laterolog Array Micro-CFL/GR; Three Detector Litho-Density Compensated Neutron/QR; Geology Composite Log FMI/GR  ****Circ w/280 sx Lead 11.9ppg, Tail 200sx "C" 14.8ppg, circ 82sx to pit  ******Circ w/280 sx Lead 11.9ppg Tail 300sx "C" 14.8ppg all "C"; circl 27sk to pit  *******Circ w/280 sx Lead 11.9ppg Tail 30sx 14.8ppg all "C"; circl 27sk to pit  ************Circl 40/305x 119 Lead 4 310sx Tail 3109pg all "C"; circl 27sk to pit  ***********************************	Show	all import	ant zones	of porosity	and conter	nts thereof:	Cored interva	els and all drill-ste	m	ion (Log) Markers	
Delaware 4182 4252 Oil Completion B/Salt 1212  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 ox Lead 11.9ppg. Tail 200x *C? 14.8ppg alt *C?*-circ 27sx to pit  ***-circ w/280 sx Lead 12.9ppg. Tail 200x *C? 14.8ppg alt *C?*-circ 27sx to pit  ***-circ w/280 sx 11.9 Lead & 130xx Tail 13.0ppg alt *C?*-circ 27sx to pit  ***-circ w/280 sx 11.9 Lead & 130xx Tail 13.0ppg alt *C?*-circ 27sx to pit  ***-circ w/280 sx 11.9 Lead & 130xx Tail 13.0ppg alt *C?*-circ 27sx to pits  Time WOC-13 3/6" 47 hrs; 9 5/8" 7 hrs; 7" 10 hrs; 4 1/2" 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 10  33. Circle enclosed stitachments:  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:  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*	tests,	including d	epth interv	al tested, cu	shion used	, time tool o	pen, flowing	and shut-in pressur	es		
Delaware  4182  4252  Oil Completion  B/Salt  1212  Tansil  1268  Capitan  1718'  Queen  2683'  Delaware  3734'  32. Additional remarks (include plugging procedure):  **Hi-Res Laterolog Array Micro-CFI/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 82sx to pit  ****cmrd 1st stage 115sx Lead 11.9ppg Tail 198sx 14.8ppg all "C"; cmrd 2nd stage 115sx Lead 11.8ppg Tail 190sx 14.8ppg all "C" circ 27sx to pit  ****cmrd w/200sx 11.9 Lead & 130sx Tail 13.0ppg all "C", circ 27sx to pit  ***********************************	Form	ation	Top	Bottom		Desc	riptions, Cont	ents, etc.		Name	
Tansil 1268 Capitan 1718 Queen 2683' Delaware 3734'  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, cire 82x to pit  ****Circ w/280 sx Lead 11.9ppg Tail 200sx *C* 14.8ppg all *C*; circ 27sx to pits  ****Circ w/280 sx Lead 11.9ppg Tail 150sx 14.8ppg all *C*; circ 27sx to pits  Time WOC-13 3/8* 47 hrs; 9 5/8* 7 hrs; 7* 10 hrs; 4 1/2* 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 10  33. 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)*				<u> </u>	+						Meas. Depth
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  ***********************************	Dela	ware	4182	4252			Oil Completi	ion		Tansil Capitan	1268' 1718'
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  ****Cric w/280 sx Lead 11.9ppg, Tail 200sx "C" 14.8ppg, cire 82sx to pit  ****Cemirc w/280 sx Lead 11.9ppg Tail 150sx 14.8ppg all "C"; cmird 2nd stage 115sx Lead 11.8ppg Tail 150sx 14.8ppg all "C"  *****Cemird 1st stage 115sx Lead 11.9ppg Tail 150sx 14.8ppg all "C", cmird 2nd stage 115sx Lead 11.8ppg Tail 150sx 14.8ppg all "C"  ******Cemird w/200sx 11.9 Lead & 130sx Tail 13.0ppg all "C", circ 27sx to pits  Time WOC-13 3/8" 47 hrs; 9 5/8" 7 hrs; 7" 10 hrs; 4 1/2" 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 10  33. Circle enclosed attachments:  1 Electrical/Mechanical Logs (1 full set red'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)*		į		1						•	
*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 82sx to pit  ****Circ w/280 sx Lead 11.9ppg, Tail 200sx "C" 14.8ppg all "C"; cmrd 2nd stage 115sx Lead 11.8ppg Tail 150sx 14.8ppg all "C"  *****Circ w/280 sx Lead 11.9ppg, Tail 200sx "C" 14.8ppg, circ 82sx to pit  *****Circ w/280 sx Lead 11.9ppg, Tail 200sx "C" 14.8ppg all "C"; cmrd 2nd stage 115sx Lead 11.8ppg Tail 150sx 14.8ppg all "C"  ******Circ w/200sx 11.9 Lead & 130sx Tail 13.0ppg all "C", circ 27sx to pits  Time WOC-13 3/8" 47 hrs; 9 5/8" 7 hrs; 7" 10 hrs; 4 1/2" 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 10  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:  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*											
*****cmrd 1st stage 115sx Lead 11.9ppg Tail 150sx 14.8ppg all "C"; cmrd 2nd stage 115sx Lead 11.8ppg Tail 150sx 14.8ppg all "C"  ******cmrd w/200sx 11.9 Lead & 130sx Tail 13.0ppg all "C", circ 27sx to pits  Time WOC-13 3/8" 47 hrs; 9 5/8" 7 hrs; 7" 10 hrs; 4 1/2" 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 10  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:  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*			•		•	ctor Litho-D	ensity Compe	nsated Neutron/GF	R; Geology Com	posite Log FMI/GR	
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:  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*	****cmt'd	1 st stage 1	15sx Lead	11.9ppg Tai	1150sx 14	.8ppg all "C	"; cmt'd 2nd s	stage 115sx Lead 1	1.8ppg Tail 150s	x 14.8ppg all "C"	
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:  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*	Time WO	C-13 3/8" 4	7 hrs; 9 5/8	3" 7 hrs; 7"	0 hrs; 4 1/	2" 8 hrs Pro	ess Testing -1	3 3/8" 30 min @ 60	00 psi, 9 5/8" 30	min 800 psi, 7" 30 min 140	0 psi, 4 1//2" 30 min 1000 ps
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)*	_	_				_				· · · · · · · ·	
									•	Directional Survey	
Name (please print) Marcie St. Germain Title Production Tech	34. I here	by certify t	hat the fore	going and a	ttached inf	ormation is	complete and	correct as determin	ed from all avail	able records (see attached in	nstructions)*
	Name	(please pri	int) Marcie	St. Germain		<del></del>		Title Product	tion Tech		
Signature Marcie St. German Date 46-06	Signa	ture	Ma	ra'e S	t.Ge	may	<b></b>	Date <u>4-6-06</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.

Form 31 69-4 (September 2001)

# OCD-ARTESIA

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

	YV		OMIC			KLOO	1915 (min )			7110		•			. 5480		21144 IA			
la. Type o	f Well	<b>Ø</b>	il Well		Gas Well	☐ Dn	Other	Water I	Injection W	'eli				16	. If Ir	dian	, Allot	tee o	r Tribe Name	
b. Type o					w Well							Diff. E	lesvr.							
••	-		-	 ither										7	/. Unid	or C	CA Ag	reeme	ent Name and	No.
2. Name o	f Operator	·																	E UNIT	
	-		_														eme en	d We	ell No.	
St. Mary L. 3. Addres		MATIO	*1					. 7	3a. Phone	No. (ine	ciude i	area co	ode)		U #20	_				
		vd Sui	te 600 l	Housto	e,Tx. 7707	9			(281) 677-	•			•				ll No.			
					arly and in		ce with Fe								015-3			F	xploratory	
	•	•												(					UNIT 49625	
AI suc	face 143	r fnl	, 969° F	EL U	L:H														Block and Su	ITVEV
At top	prod. inte	rval rej	ported l	below	SAME									1	Of	Area	SEC 3	5-T19	S-R29E	
														12			r Paris		13. State	
At tota	al depth 8	AME												ED	DY				NM	
14. Date	Spudded			15. E	ate T.D. Re	ached			16. Date Co		_			1	7. Ele	vatio	ns (DI	, RK	B, RT, GL)*	
									D.	&A [	Re	ady to	Prod.							
12-07-05				12-17											37 GL					
18. Total		ID 43 VD 4			115	). Plug B	sck T.D.:	MD 452 TVD 4 <u>5</u>			20.	Depth	Bridge !	Plug Set		MD I'VD				
21. Type F				ical L	ogs Run (Sı	bmit con			323		22.	Was	well cor	ed?		io		es (S)	ubmit analysis)	
		-					,,						OST run		_	lo			sbmit report)	•
*See #32												Direc	tional St			lo			ubmit copy)	
23. Casing	and Line	r Reco	rd (Re	port al	l strings set	in well)														
Hole Size	Size/Gr	ede	Wt. (#	/A.)	A.) Top (MD) Bottom (MD) Stage Cementer No. of Sks. & Slurry V. Depth Type of Cement (BBL)													Amount Pulled		
17 1/2	13 3/8/1	1-40	484		0	0 401'												$oldsymbol{\mathbb{L}}$	Circ	
12 1/4	9 5/8/1	-40	32.3	*	0		1518	944											Circ	
8 3/4	713-5	5	234	<u>'</u>	0		3214	<del> </del>			****							4	Cire	
6 1/4	4 1/2/3	-55	10.5	#	0		4572	<del> </del>		<u> </u>	****				ļ			- -	Circ	
	<del> </del>			-+				ļ												<del></del>
24. Tubing	December 1	1					<del></del>													
Size		Set ()	MOV I	Packer	Depth (MI	<u> </u>	ize	Denth 9	Set (MD)	Packer 1	Danish	(MD)	ç:	ze	In-	-41 C	et (MI	, Tr	Packer Depth (	MD)
2 3/8		4121'			3894	7		Dopta .	DOT (1/12)		- Cpui	(1112)			120	P.4 0	or (MAL	<del>" [</del>	actor popul (	
25. Produc					3674			26. Pe	erforation	Record										
	Formation	D.		T	TOP	Во	ttom	P	erforated I	nterval		S	ize	No. H	loies	T		Per	f. Status	
A) Delawa	ro °C								4212-42	36			.4	2:	5	1	*****	<del></del>	Open	
B)									4198-42	08			.4	1	1				Орев	
C)																	~			
D)				<u> </u>													EI		)	
			nt, Cen	nent S	queeze, Etc	<u> </u>							<del></del>			FFR	17	7000		
	epth Inter	Vel		┼					Aı	nount an	d Typ	e of M	aterial			1				
4198-4236				3500	gals 15% HC	1; 75 bbls o	f flush 2% H	iC1	<del></del>						~ ~	~ · · · · ·	AFIT	مين وجب	1/4	
				+-		Con Lond D	C* 12 Comp	T-3160	809 14 0											
					pumped w/19 ire 8 sx to pit		C 13.3ppg,	180 130 1	х С 14.8р	PB									- <del></del>	
28. Produc	tion - Inter	val A		<u> </u>													·			
	Test	Hours		est	Oil	Gas	Wat		Oil Gravi		Gas		Pro	duction [	Telbod					
Produced	Date	Tested	- 1	oductio	ţ	MCF	BBI		Corr. AP	ı	Gra	vity			AC	CE	PTE	DF	OR RECO	ORD
1-25-06 Choke	1-26-05 Tbg. Press.	Cag.		Hr	Oil	Gas	Wat	20 .	Ges: Oil		Wal	Status	pur	np						7-
	Figw.	Press	Į Š.	Hr.	BBL	MCF	88		Ratio		""									
	34 	<u> </u>		$\prod$					1		Pro	ducing					FEB.	1	5 2006	
28a. Produc																				
Date First Produced	Test Date	Hours Tested		est oductio	m BBL	Gas MCF	Wat BBI		Oil Gravi		Gas		Proc	luction M	ethod	Al	FXIS	$C = \frac{1}{2}$	SWOBODA	]
ĺ				П								,	- [	L	F	PET	ROLE	UM	ENGINEER	2
Choice Size	Tbg. Press.	Call Press		Hr.	Oil BBL	Gas MCF	Wat	er .	Gus: Oil		Wel	Status								
4	Flwg. Si			ete	BBL	MCF	BB	L	Ratio											

Date First Produced Date Tested Production BBL MCF BBL Corr. API Cas Corr. API Cas Corr. API Cor	280. P3004	ction - inter	Val C								
22c. Production - Battered Date   State   ate First	Test	Hours	Test Production	Oil BBL					Production Method		
Date   Total   Total   Total   Total   Tender		Flwg.			Oil BBL				Well Status		
Cleich Tee Fren Co. 150, 151 ft. 150, 151 ft. 150, 151 ft. 150 ft. 151	28c. Produ	ction - Inter	val D		<u> </u>			<del></del>			
23. Additional remarks (include plugging procedure):  24. Additional remarks (include plugging procedure):  25. Disposition of Cas (Sold used for Tool, vested, etc.)  26. Summary of Porcus Zones (Include Aquifers):  27. Show all improvant zones (Include Aquifers):  28. Descriptions, Contents, etc.  29. Portunation  Top  Bottom  Descriptions, Contents, etc.  Name  Top  Mens. Depti  B/Salt  1210  Queen  25.54  T/Delaware  Oil  B/Salt  1210  Queen  25.54  T/Delaware  3688  20. Contents of the state of 11.8ppg and 150xx 14.8ppg all "C", cmtG and stage 120xx Lend 11.8ppg Tail 75xx 14.8ppg all "C"  ****Curv V/XB0 ax Lend 11.9ppg. Tail 300xx "C" 14.8ppg all "C", cmtG and stage 120xx Lend 11.8ppg Tail 75xx 14.8ppg all "C"  *****Curv V/XB0 ax Lend 11.9ppg. Tail 300xx "C" 14.8ppg all "C", cmtG and stage 120xx Lend 11.8ppg Tail 75xx 14.8ppg all "C"  *****Curv V/XB0 ax Lend 11.9ppg. Tail 70xx Tail 1.9ppg. Tail 70xx 14.8ppg all "C", cmtG and stage 120xx Lend 11.8ppg Tail 75xx 14.8ppg all "C"  *****Curv V/XB0 ax Lend 11.8ppg. Tail 70xx Tail 1.9ppg. Tail 70xx Tail 1.9ppg. Tail 75xx 14.8ppg all "C"  *****Curv V/XB0 ax Lend 11.8ppg. Tail 70xx Tail 1.9ppg. Tail 70xx Tail 1.9ppg. Tail 75xx 14.8ppg all "C"  *****Curv V/XB0 ax Lend 11.8ppg. Tail 70xx 14.8ppg all "C", cmtG and stage 120xx Lend 11.8ppg Tail 75xx 14.8ppg all "C"  ******Curv V/XB0 ax Lend 11.8ppg. Tail 70xx 14.8ppg all "C"  *****Curv V/XB0 ax Lend 11.8ppg. Tail 70xx 14.8ppg all "C"  *****Curv V/XB0 ax Lend 11.8ppg. Tail 70xx 14.8ppg all "C"  *****Curv V/XB0 ax Lend 11.8ppg. Tail 70xx 14.8ppg all "C"  *****Curv V/XB0 ax Lend 11.8ppg. Tail 70xx 14.8ppg all "C"  *****Curv V/XB0 ax Lend 11.8ppg. Tail 70xx 14.8ppg all "C"  *****Curv V/XB0 ax Lend 11.8ppg. Tail 70xx 14.8ppg all "C"  *****Curv V/XB0 ax Lend 11.8ppg. Tail 70xx 14.8ppg all "C"  *****Curv V/XB0 ax Lend 11.8ppg. Tail 70xx 14.8ppg all "C"  *****Curv V/XB0 ax Lend 11.8ppg. Tail 70xx 14.8ppg all "C"  *****Curv V/XB0 ax Lend 11.8ppg. Tail 70xx 14.8ppg all "C"  *****Curv V/XB0 ax Lend 11.8ppg. Tail 70xx 14.8ppg all "C					Oil BBL					Production Method	
31. Formation (Log) Marken  Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion steed, fine tool open, flowing and shart-in pressures and recoveries.  Formation  Top  Bottom  Descriptions, Contents, etc.  Name  Top  Mem. Depth  Delaware  Oil  B/Salt  1210  Queen 2554  T/Delaware  3688  7/Delaware  3688  3688  3688  7/Delaware  Top  Top  Top  Top  Top  Top  Top  To		Flwg.							Well Status		
Show all important zones of perceity and contents thereof: Cored intervals and all drill-stems sent, actualing depth interval sested, cashion sucd, time tool open, Rowing and shall-in pressures and recovering.  Formation Top Bottom Descriptions, Centents, etc. Name Top Meess, Depth  Delaware Oil BaSalt 1210 Queen 2554 T/Delaware 3688  T/Delaware 3688  T/Delaware 3688  T/Delaware 3688  T/Delaware 1200x T-12 Land 11.9ppg Tail 150x 14.8ppg, cire 72xx to pit ************************************	29. Dispos	ition of Gas	(Sold use	d for fuel, v	rented, etc	.)					
Delaware  Oil  B/Salk 1210 Queen 2554 T/Delaware 3683  32. Additional remarks (include plugging procedure):  "Hi-Rae Laterolog Army Micro-CELAUR; Three Detector Litho-Density Compensated Neutron/GR; Geology Composite Log FML/GR  "Sefere w/280 as Lead 11.9ppg, Tail 200ax **C** 14.8ppg, circ 72xx to pit  "Second 11 st stage 11 5xx Lead 11.9ppg Tail 200ax **C** 14.8ppg all **C**, card 2nd stage 120ax Lead 11.8ppg Tail 75xx 14.8ppg all **C**  "Second 11 st stage 11 5xx Lead 100ax Tail 13.0ppg all **C**, card 2nd stage 120ax Lead 11.8ppg Tail 75xx 14.8ppg all **C**  "Second 1 st stage 11 5xx Lead 100ax Tail 13.0ppg all **C**, card 2nd stage 120ax Lead 11.8ppg Tail 75xx 14.8ppg all **C**  "Second 1 st stage 11 5xx Lead 100ax Tail 13.0ppg all **C**, card 6ax to pix  Time WOC - 13 378** 25 hrx; 9 5/8** 9.5 hrx; 7** 9.5 hrx; 4** 8 hrs. Press Tensing - 13 3/8** 30 min @ 600 psi, 9 5/8** 30 min 800 psi, 7** 30 min 1400 psi, 4 1//2** 30 min 100  33. Circle enclosed stachments:  1 Electrical/Mechanical Logs (1 full set req'd.)  2 Geologic Raport  3 DST Report  4 Directional Survey  5 Sandry Notice for plugging and cement verification  6 Core Analynia  7 Other:  34. I hereby certify that the foregoing and stached information is complete and correct as determined from all available records (see attached instructions)*  Name (please print) Marcie 8t. Germain  Title Production Tech	Show tests,	all imports	mi zones d	of porosity	and conte	nts thereof: i, time tool o	Cored intervopen, flowing	als and all drill-ster and shut-in pressure	n	ion (Log) Markers	
Delaware  Oil  B/Salt 1210 Queen 2654 T/Delaware 3688  32. Additional remarks (include plugging procedure):  **Hi-Res Laterolog Array Micro-CFL/GR; Three Detector Litho-Denaity Compensated Neutron/GR; Geology Composite Log FMI/GR.  ***eric w/280 ax Lead 11.5ppg. Tail 200x; "C* 14.8ppg. cire 772xx to pit  ***eric w/280 ax Lead 11.5ppg. Tail 200x; "C* 14.8ppg. cire 772xx to pit  ***eric m/280 ax Lead 11.5ppg. Tail 200x; "C* 14.8ppg. cire 772xx to pit  ***eric m/280 ax Lead 11.5ppg. Tail 15ppg. Tail 15ps. 14.9ppg all "C"; cord 2nd stage 120ax Lead 11.8ppg. Tail 75ex 14.8ppg all "C"  ***eric m/280 ax Lead 11.5ppg. Tail 15ps. 14.9ppg all "C"; cord 2nd stage 120ax Lead 11.8ppg. Tail 75ex 14.8ppg all "C"  ***eric m/280 ax Lead 11.5ppg. Tail 15ps. 14.8ppg. all "C"; cord 2nd stage 120ax Lead 11.8ppg. Tail 75ex 14.8ppg all "C"  ***eric m/280 ax Lead 11.5ppg. Tail 15ps. 14.8ppg. all "C"; cord 2nd stage 120ax Lead 11.8ppg. Tail 75ex 14.8ppg all "C"  ***eric m/280 ax Lead 11.5ppg. Tail 15ps. 14.8ppg. all "C"; cord 2nd stage 120ax Lead 11.8ppg. Tail 75ex 14.8ppg all "C"  ***eric m/280 ax Lead 11.5ppg. Tail 15ps. 14.8ppg. all "C"; cord 2nd stage 120ax Lead 11.8ppg. Tail 75ex 14.8ppg all "C"  ***eric m/280 ax Lead 11.8ppg. Tail 15ps. 14.8ppg. all "C"  ***eric m/280 ax Lead 11.8ppg. Tail 17ps. 14.8ppg. all "C"  ***eric m/280 ax Lead 11.8ppg. Tail 17ps. 14.8ppg. all "C"  ***eric m/280 ax Lead 11.8ppg. Tail 17ps. 14.8ppg. all "C"  ***eric m/280 ax Lead 11.8ppg. Tail 75ex 14.8ppg. all "C"  ***eric m/280 ax Lead 11.8ppg. Tail 17ps. 14.8ppg. all "C"  ***eric m/280 ax Lead 11.8ppg. Tail 17ps. 14.8ppg. all "C"  ***eric m/280 ax Lead 11.8ppg. Tail 17ps. 14.8ppg. all "C"  ***eric m/280 ax Lead 11.8ppg. Tail 17ps. 14.8ppg. all "C"  ***eric m/280 ax Lead 11.8ppg. Tail 75ex 14.8ppg. all "C"  ***eric m/280 ax Lead 11.8ppg. Tail 17ps. 14.8ppg. all "C"  ***eric m/280 ax Lead 11.8ppg. Tail 17ps. 14.8ppg. all "C"  ***eric m/280 ax Lead 11.8ppg. Tail 17ps. 14.8ppg. all "C"  ***eric m/280 ax Lead 11.8ppg. Tail 17ps. 14.8ppg. all "C"  ***eric m/28	Form	ntion	Тор	Bottom		Desc	riptions, Con	tents, etc.		Name	Top Meas. Depth
*Hi-Res Laterolog Array Micro-CFL/GR; Three Detector Litho-Density Compensated Neutron/GR; Geology Composite Log FMI/GR  ***ecirc w/280 ax Lead 11.9ppg, Tail 200ax "C" 14.8ppg, circ 72xx to pit  ***ecent'd lat stage 115ax Lead 11.9ppg Tail 150ax 14.8ppg all "C"; cmt'd 2nd stage 120ax Lead 11.8ppg Tail 75ax 14.8ppg all "C"  ***ecent'd w/200ax 11.9 Lead & 100ax Tail 13.0ppg all "C", circ 16ax to pits  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 100  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:  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*  Name (please print) Marcie St. Germain  Title Production Tech	Dela	Queen						Queen	1210 2654		
Signature Mrcic St. German Date 2-7-06	*Hi-Res L  ***circ w// ****cmt'd  ****cmt'd  Time WOC  33. Circle  1 Eie  5 Sun  34. I hereb	aterolog Ar 180 ax Lead 1st stage 11 1 w/200ax 1 1 - 13 3/8° 2 enclosed at ctrical/Mec dry Notice	ray Micro- 11.9ppg, '5ax Lead I 1.9 Lead I 1.9 Lead I is hrs; 9 5/ inchments: hanical Log for pluggin at the fores	CFL/GR; 7  Tail 200ax ' 11.9ppg Tai 11.9ppg Tai 100ax Tai 8" 9.5 hrs; ' gg (1 full se gg and come	hree Dete "C" 14.8pg 1 150sx 14 1 13.0ppg 7" 9.5 hrs; et req'd.) nt verifica	g, circ 72sx. Sppg all "Call "C", circ 4" 8 hrs Pre	to pit "; cmt'd 2nd : 16sx to pits ss Testing - 1 Geologic Rep Core Analysis	stage 120ax Lead 11 13 3/8" 30 min @ 60 cort 3 DST R 7 Other:	.8ppg Tail 75ex 10 psi, 9 5/8" 30  Leport 4 I	14.8ppg all "C" min 800 psi, 7" 30 min 1400 ps Directional Survey	
Title 1911 C. Cartier 1991 and Title 42 II C. Cartier 1919 make it a mine for any name beautingly and will Gill. 4	Signati	ate W	hrcie	SH.(	Sea	nour.					

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.

STATE OF NEW	· - ·				•		•				d 10-1-78
ERGY AND MINERALS	DEPARTMENT	ECEIVEDIBY	CONSE	RVA	TION D	IVI	SION				pe of Lease
			160	0 00 1	7 2088				State		Fee .
DISTRIBUTION SANTA FE	<del>   </del>	AR 17 1987	NTA FE	NEW	MEXICO	879	501		<b>1</b>		Gas Lease No.
FILE		WILL I' 10001		,					1	,	
. U.3.G.\$.	W	EIOL COMPLI	בדוטאו חם	DECO	MPI ETIO	N DE	PORT A	VD I OC	V-15	·/b	V-1776
LAND OFFICE	"	ARTESIA, OFFIC	ETIONOR	RECO	MI ELIIO			10 200	VIIII	////	
DPERATOR		ARTESIA, OTTE						•=	MIII	7777,	
. TYPE OF WELL	e m								7. Unit /	Agreeme	ent Name
	OIL	X SAS	. 🗆	$\Box$	OTHER				1		
. TYPE OF COMPLE		, WEC	· · ·	UH T	01464	<del>.</del>			B. Farm		
WEW X WOR		# PLU			OTHER		*		Park	cway	36 State
Name of Operator		* C		/	<u> </u>		·		9. Well I	Vo.	
Santa Fe Ene	rov Operati	no Partner	a T.PV	1					1		·
Address of Operator	igy operaci	ing rarener.	3, 11.1.						10. Fiel	d and F	Pool, or Wildcat
500 W. Illin	nic Suita	500 Midlas	ad TY	79701							Delaware
Location of Well	Jis, suite	Joo, mara	14, 141	7,7,01	<del></del>				1777	7777	
. Location of well	o*									////	
* *** *** *** *** *** *** *** *** ***	•	000		Lloot			1980	•		////	
IT LETTERF	LOCATED	980	FROM THE	west	LINE AND		1700	FEET FROM		7777	777777777777777777777777777777777777777
	•					////	MM	/////	12. Cour	aty	
E Northline or			ce. 29E			7777		77777	Edd	<u> </u>	
. 5. Date Spudded	16. Date T.D. F	leached 17, Dat	e Compl. /Re	eady to F	rod.) 18.			RKB, RT,	GR, ecc.)	19. Ele	ev. Cashinghead
12-3-86	1-16-87	j	2-25-8	87	ļ	333	2.2'GL				
.3. Total Depth	21. Plu	g Back T.D.	22. 1	I Multipl	e Compl., H	w	23. Intervo		ary Tools	,	Cable Tools
12,100'	39	902'	, ,	Many			Drilled	— <del>&gt;</del> :	A11	;	
i, Producing Interval	), of this complet	tion - Top, Botto	m, Name							25.	Was Directional Survey
											Made
3649-3661' D	elaware									- 1	No
o. Type Electric and C		Dual Induct	ion, Com	pensa	ted Dens	ilo	g, Neut	ron, D	ual 2	7. Was	Well Cored
Laterolog, G			- ' '	•			· ·		i		No .
10.		C,	ASING RECO	RD (Ren	ort all string	15 SQ1	in well)				
CASING SIZE	WEIGHT La.	<del></del>	THSET		E SIZE	1		NTING RE	CORD		AMOUNT PULLED
13 3/8	48.0		324		1/2	5-	75 sx Cl				7
	28.0 & 2	1/4 0	3264		$\frac{1/2}{1/4}$	<del></del>		<u> </u>			
8 5/8							35 sx				<del></del>
5 1/2	15.5		3993		7/8	1 3	50 sx Hc		ite & 33	SX	<del></del>
	_1					1	<del>,                                     </del>	. <u>C</u>			
··		INER RECORD					30.		TUBING F	RECOR	D
SIZE	TOP	BOTTOM	SACKS C	EMENT	SCREE	1	SIZE		DEPTH SET		PACKER SET
		ļ	<u> </u>		·····		2 3/8	3	3604		NH
		<u>L</u>			·		<u> </u>				
1. Perforation Record	(laterval, size an	d number)			32.	ACI	D, SHOT, F	RACTUR	E, CEMENT	SQUE	EZE, ETC.
2640 26611	TODE 12 ha	100			1		ERVAL	Α».	JUNT AND	XIND	MATERIAL USED
3649-3661'	1721, 17 110	res			36	<u>49-</u>	3661	Acdz	w/175 g	<u>(al 7</u>	1/2% NEFe
								Frac	w/146 t	bls	containing
			•						20/40 s	3d	
					1			<u> </u>			
<b>).</b>					UCTION						L
ne First Production	Produ	iction Method (Fi	lowing, gas l	ift, pump	oing — Size a	ad tyl	e pump)		Well S	tatus (	Prod. or Shut-in)
2-25-87	Pu	$1 \frac{1}{4}$	- C114						Prod	ducin	12
ore of Test	Howa Tested	Choke Size	Predin. Test Pe		Ou - Bil.		Cas MC	F , W	cter - Bbl.	0	as - Ott ifatto
3-7-87	24	į		>	63		72.2	Ì	31	i	1146
low Tubing Pross.	Cauting Pressur		24- OII - B	oi.	Gas -	MCF		zter – Bb		Oil Gr	avity - AFI (Corr.)
•	50	How Hate	→ 63		72.	2	}	31		38.	6
Disposition of Gins		el, venteu, etc.)							est Wilness		
Vented										•	
:. List of Attechments							····	<u>-</u>			
DST test, Ir	clination	Report Too	ימות פי	ı							•
. I hereby carrify that	the information	thoun on both sie	les of this fo	rm is tre	e and comel	ele in	the best of	my kenn	edve on th	-11-1	
,	yournanion s				=		5536 11)	y arauwi	uge una Di	c j.	
R.	llie Ala	A		~	70 1	~ 7	,			-	•
SIGNED 10/L	III. HA	00	TIT	ιε <u>Sr.</u>	Prod.	Ller	'k	<u> </u>	DATE	3-1	6-87

#### Submit to Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies DISTRICT

#### State of New Mexico Energy, Minerals and Natural Resources Department

d51,	4
Form C-105 BUT	6,1
Revised 1-1-89 GX	$\mathcal{I}_{\mathcal{W}}$

P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION P.O. Box 2088

उन्। 30-015-26077 STATE X FEE

WELL API NO.

5. Indicate Type of Lease Santa Fe, New Mexico 87504,2088 DISTRICT II P.O. Drawer DD, Artesia, NM 88210 6. State Oil & Gas Lease No. DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410 a. C. D. WELL COMPLETION OR RECOMPLETION REPORTATION LOGGE 7. Lease Name or Unit Agreement Name la. Type of Well: OIL WELL GAS WELL DRY [ OTHER Parkway 36 State 00 | Well No. b. Type of Completion: WORK OVER PLUG DEFF RESVR MEM X DEEPEN OTHER & Well No. 2. Name of Operator 6 Santa Fe Energy Operating Partners, L.P. 9. Pool name or Wildcat 3. Address of Operator 500 W. Illinois, Suite 500, Midland, TX Parkway Delaware Well Location : 1980 Feet From The North Line and 330 Heit Letter Feet From The West ·Line Range 29E Section 36 Township **19**S **NMPM** Eddy County 13. Elevations (DF& RKB, RT, GR, etc.) 10. Date Spudded 11. Date T.D. Reached 12. Date Compt. (Ready to Prod.) 14. Elev. Casinghead 9-4-89 3340.8' GR 5-26-89 5-11-89 17. If Multiple Compl. How Many Zones? 15. Total Depth 16. Plug Back T.D. 18. Intervals Drilled By Rotary Tools Cable Tools N/A 44641 4790' 20. Was Directional Survey Made 19. Producing Interval(s), of this completion - Top, Bottom, Name 4324-4396' Delaware 22. Was Well Cored 21. Type Electric and Other Logs Run CNL/LDT; DLL/MSFL; EPT No 23 CASING RECORD (Report all strings set in well) HOLE SIZE CEMENTING RECORD **CASING SIZE DEPTH SET** AMOUNT PULLED WEIGHT LB/FT. 17 1/2" 750 sx "C" + 13 yds R-mix  $11 \ 3/4"$ N/A 47 406 540 sx "C" + 1695 sx 23 3184' 9 7/8" jobs --6" 4 1/2" 10.5 4790' 300 sx Lite + 280 sxLINER RECORD 24 TUBING RECORD TOP BOTTOM SIZE SACKS CEMENT SCREEN DEPTH SET SIZE PACKER SET 2 3/8" 4422 Perforation record (interval, size, and number) 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. (29 holes) CIBP @ 4474' w/10' cmt on top. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 4484-4512' 2500 gal 7½% NEFe & 27 BS. 4324-4396 4324-43521 1 JSP4F (8 holes) Frac w/45,000 gal 2% KCl,30# 4360-4396' 1 JSP4F (10 holes) borate, x-linked, & 99,000# 12/40 sand. PRODUCTION 28 Date First Production Production Method (Flowing, gas lift, pumping - Size and type pump) Well Status (Prod. or Shut-in) Pumping 1 3/4" x 16' tbg pump barrel 8-27-89 Producing Date of Test Hours Tested Choke Size Prod'n For Oil - Bbl. Gas - MCF Water - Bbl. Gas - Oil Ratio Test Period 9-4-89 25 53 66 116 1245 Oil - BbL Gas - MCF Flow Tubing Press. Calculated 24-Water - BbL Oil Gravity - API - (Corr.) Casing Pressure Hour Rate 51 63 111 41.2 29. Disposition of Gas (Sold, used for fuel, venued, etc.) Test Witnessed By Sold starting September 6, 1989 30. List Attachments C-104, Inclination Report, Logs

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Name Terry McCullough Title Sr. Prod. Clerk Date 9-12-89

eny Mc Culloud

Revised 1-1-89

#### State of New Mexico Energy, Minerals and Natural Resources Department

Submit to Appropriate
District Office
State Lease — 6 copies
Fee Lease — 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION
P.O. Box 2088 E CRIVED
Santa Fe, New Mexico 87504-2088

WELL API NO. 30-015-26078 5. Indicate Type of Lease

P.O. Drawer DD, Artesi	a, NM 88210	S.	aina 1°C,	IACM IATCY	100 07	J04-20	30			ST	ATE X	FEE
DISTRICT III									S. State Oil &	Gas Lease N		57.6
1000 Rio Brazos ReL, A	ziec, NM 87410				j.	EC 13	<u>'89</u>				V-1	576
WELL C	OMPLETION O	R REC	OMPLE	TION REP	ORT A	AND LC	G					
la Type of Weil:						13			7. Lease Name	or Unit Ag	reement N	атте
OIL WELL	GAS WELL		DRY	OTHER	AR	<del>MSIA, O</del>	HICE.					الدي .
b. Type of Completion:												900 ي
WELL XX OVER	Depen	PLUG BACK		ESVR OT	HER			]	Dawler	26	C4-4-	\$1'
2. Name of Operator								==-	8. Well No.	way 30	DA	W# 902
· ·	Energy Ope	ratina	a Dart	noro T	p /	-		1	o	7	$\chi_V$	<b>~</b>
3. Address of Operator		Lacin	g rare	ners, b.	1.0		·····		9. Pool name o	or Wildcat		
500 W. 1	Illinois, Su	ite 50	00. Mi	dland. T	x 79	701			Park	way Del	lawara	
4. Well Location			00,						<u> </u>	way be	Laware	
Unit Letter	D: 660	_ Feet F	rom The	North	ı	Line	and	330	Feet Fr	rom The	West	Line
	<u> </u>		_									
Section 36	5	Towns	ship 1	9S	Range	291	2	NN	(IPM	Eddy	y	County
10. Date Spudded	11. Date T.D. Reache	<b>d</b> 1	2. Date Co	mpl. (Ready se	Prod.)	13	. Elevati	ions (DF	& RKB, RT, GI	R, etc.)	14. Elev.	Casinghead
9-14-89	10-3-89		12	-1-89_					4' GR			
15. Total Depth	10. Ling pact	1.D.		17. If Multiple Many Zon	Compl.	How	18. In	ntervals miled By	Rotary Tools	5	Cable To	ols
4850'	46	94'			N	/A	<u></u>		<u>A1</u>	1	<u></u>	N/A
19. Producing interval(s)	•	•	tom, Name						2	0. Was Dire	ctional Su	rvey Made
	390' (Delaw	are)							1 1		No	
21. Type Electric and Ot	~	_							22. Was We	il Cored		
23.	EPT. DLL/MSF							<del></del>	1		No.	
		<u>CAS</u>	ING R	ECORD							-	
CASING SIZE	WEIGHT LB	/FT.		'H SET		OLE SIZ			MENTING R	ECORD	AM	OUNT PULLED
11-3/4"	47			370'		$\frac{4-3/4}{2}$		<u>500 s</u>				None
4-1/2"	20			200'		9-7/8			$\times$ C + 21			
4-1/2	10.3	<del></del> -	4	850 <b>'</b>		6-1/8		<u>323_s</u>	$\times 35/65$	+ 200	sx rc	•
24.	t	LINE	R RECO	RD				25.	TU	BING RE	CORD	
SIZE	TOP		том	SACKS CE	MENT	SCF	EEN		SIZE	DEPT		PACKER SET
None									2-3/8"	4	405'	TA @ 4139'
				<u> </u>	1	<del></del>				<u>!</u>		
26. Perforation rec	ord (interval, size,	, and nu	umber)		,							JEEZE, ETC.
4316'-4390	' (3-1/8" ho	les a	t l JS	PF)			H INTE		<del></del>			ERIAL USED
Total 19 ho	oles					431	<u>-43</u>	90'		al 15%	Nere.	HC1 + 20
}						gal -	- 68	600#	12-20 Br			w/ 24.800 Cluid tagge
28.		······	<del></del>	PRODU	CTIC				+ sand			Turu Lagge
Date First Production	F	roduction	Method (F	lowing, gas li	ft, pumpi	ng - Size	nd type	ритр)		Well St	atus (Prod	or Shut-in)
12-1-89		umpin	g (1-3	/4" tub:							Produ	cing
Date of Test	Hours Tested	Ch.	oke Size	Prod'n Fo		Оіі - Вы.	,	Gas - M	1	Vater - Bbl.		Gas - Oil Ratio
12-6-89	24					68	MCF	35		202		516
Flow Tubing Press.	Casing Pressure	Ho	iculated 24- ur Rate	I	•	1		1	ater - BbL '	Uil Gr	avity - AP	(,
20 Disposition of Gas /	Sold used for fiel year	und atc.)		68		ــــــــــــــــــــــــــــــــــ	35	!	202	itnessed By	41.2	2
	29. Disposition of Gas (Sold, used for fuel, vented, etc.)  Vented  Test Witnessed By											
30. List Attachments	<u></u>								·····			
	s, inclinati	on re	port									
31. I hereby certify the	u the information si	rown on	both sides	s of this form	is true	and com	piese so	the best	of my knowle	edge and b	elief	
	0.4.4	,	1									1
Signatura MAA	MCCilla	Junto	,	Printed Name Te	rrv	McCu1	nugh	Ti	tle Sr P	rod C	lerk Da	12-12-9
Signature Cove	Signature Zerry McCullough Title Sr. Prod. Clerk Date 12-12-89											

Form 316044 (September 2001)

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

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Syminer Innuary 31 2004

	10		^^"		0 05001			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				}		2			_
	W	ELL!	COMPL	ETION Q	R RECOM	PLE	I ION-I	REPOR	T AND	LOG		v	5. Lea -1576	ise Serial N	lo.		
												- IV		ndian, Allot	tee or Trib	e Name	
	of Well of Compi			_	II ☐ Dry ☑ Work Ove			[T] n	lua Daale	□ n:a	· Danie		0, 11 11	nuian, Anoi	ice of The	t Maine	
о. тур	or comp	içuvii,					Deebe	in La Pi	ing Dack	LI DIII	. Kesvi.	H	7. Uni	t or CA Agr	eement Na	me and N	ο.
2 )]	<b>-</b> CO		Oth	New perfs								P/	ARKW.	AY DELAV	VARE UNI	т	
	e of Opera											<u> </u>	8. Lea	se Name an	d Well No		_
St. Mary 3. Add	Land & E	xploration	on					12. Di	- 17- //-			PI	OU #92	1			
		Dhvi Gu	ita 600 Un	uston,Tx. 770	170			38. Priori		clude area	coae)		9. AP	Well No.			
					in accordance	with F	ederal r							6070 S1			
				·		,,,,,,,,		oqui, onci,	••)			1		d and Pool,			
At s	urface 19	80 FNL	330 FEL	JL:L										AY DELAW			
A t #	on nead in	terval re	norted held	W SAME									II. Sec	:., Т., R., М Агеа	., on Block	c and Sur	ve
,,,,,	pp proc		po. 100 001	" JAME								-		Area SEC 36			
At to	otal depth	SAME										- 1	DDY	ity Ot 1 al 131	NM	- 1000	
14. Dat	e Spudde	d	15	. Date T.D. I	Reached			16. Date C	omplete	d				vations (DF,		GL)*	_
	•							<b>□</b> D	&A (	Ready (	to Prod.				, ,	. *	
3-10-89				3-89					4-04				33.7 GI				
18. Tota	i Depth:	MD 50 TVD 5		[ ]	19. Plug Back	T.D.:	MD 49 TVD	03		20. Dept	h Bridge	e Plug Se		MD . TVD			
21. Type				Logs Run (S	Submit copy of	(each)				22. Was	well co	ored?	<b>☑</b> N		s (Submit a	nalvsis)	-
				•	••	,					DST ru		Ø N		s (Submit r		
Gamma '	Trol, Comp	Neutro	n-Gamma	Ray CCL						Dire	ctional	Survey?		o 🔲 Ye	s (Submit c	ору)	
23. Casir	ng and Lin	er Reco	ord (Report	all strings se	t in well)						,				<del></del>		_
Hole Siz	e Size/C	irade	Wt. (#/ft.)	Top (MI	D) Bottom	(MD)		Cementer		of Sks. & of Cement		ry Vol. BL)	Cen	nent Top*	Amoi	ınt Pulled	
	<del></del>						<u> </u>	Depth	ļ — — —			DL)	ļ		<del>}</del>		
17 1/2" 9 1/2"	113		47 20	0	41:		<del>├</del> -		<del> </del>	95 sx	<del> </del>		<del> </del>	0 0	<del> </del>		
6 1/4"	4 1/		10 1/2	0	320 498		<del> </del>		<del> </del>	135 sx 00 sx		<del></del>	<b> </b>	0			
01/4	<del> '</del>	-	10 1/2	<del>                                     </del>	476	<u> </u>	<del> </del>		<del>                                     </del>	00 SX			<del></del>		<del> </del>		
	<u> </u>			1					<del>                                     </del>						<del>                                     </del>		_
4. Tubin	g Record																
Size	Dept	h Set (N	(ID) Pack	er Depth (M	D) Size		Depth :	Set (MD)	Packer I	Depth (MD)	S	ize	Dep	th Set (MD)	Packer I	Depth (MI	<u>5)</u>
2 3/8"		4265'															
5. Produ	cing Interv				<del></del>			erforation									
	Formatic	on		TOP	Bottor	n	P	erforated i			Size	No. F			Perf. Statu	\$	
) DELAY	VARE "C"							4294-43	10		0.4	1	7	<u> </u>	OPEN		_
<u>')</u>																<del> </del>	
)) ))				<del></del>								<del> </del>		<del></del>			
<u> </u>	Fracture, T	reatmer	nt, Cement	Squeeze, Etc				···				<del></del>		l			
	Depth Inter	val						Ar	nount an	d Type of N	<b>1aterial</b>			RECE	IVED		
294-4310			140	0 Gal 15% aci	d												_
					···									APR 1	2 7005		
														<del>000</del>	<del>1155*</del>	<del>/</del>	
8 Produ	ction - Inte	rval A															
Date First	Test	Hours	Test	Oil	Gas	Wat		Oil Gravi	ty	Gas	Pro	duction N	<b>ic</b> thod		<del></del>	<del></del>	_
roduced	Date	Tested	Product	ion BBL	MCF	BBL	•	Corr. API	, •	Gravity							
9-14-04	9-27-04	24	_ _,	33	6	<del>-  </del>	80	<del> </del>		19.0 6							_
choke lize	Tbg, Press, Flgw.	Csg.	24 Hr. Rate	Oil	Gas MCF	Wate		Gas: Oil Ratio		Well Status		A	CCE	PTED F	OR REC	CODO	7
	SI	1						1		PRODUC	ING				~ · · · / E /		1
	ction - Inte																I
ate First roduced	Test Date	Hours Tested	Test Produc	Oil BBL	Gas MCF	Wate		Oil Gravit Corr. API	у	Gas Gravity	Pro	duction M	ethod	AFR 1	1 2.105		
					]		•	1			1				00	1 1	
hoke	Tbg. Press.	Call Press	24 Hr.	Oil	Gas	Wate		Gas: Oil		Well Status	 i			EVICA			Γ
iize	Flwg. Si	'''	Rate	BBL	MCF	BBI		Ratio					PETI	EXIS C. S ROLEUM	VVOROD,	A FR	
			1 1 1					1				_					

# Submit to Appropriate District Office State Lease — 6 copies Fee Lease — 5 copies DISTRICT I P.O. Box 1980, Hobbs, NM 88240

#### State of New Mexico Energy, Minerals and Natural Resources Department

451	ı
Form C-105 Bb M. Revised 1-1-89 SF b	
Revised 1-1-89 57	M

# OIL CONSERVATION DEVISION P.O. Box 2088

	30-015-26075	
5.	Indicate Type of Lease STATE X	FEE

WELL API NO.

DISTRICT II P.O. Drawer DD, Arte	nia, NM 88210		Santa Fe,	New Mex	100 8	/304-2	880		•	STA"	re 🗓	FEE 🗌
DISTRICT III						MI	128	39	6. State Oil &	Gas Lease No		
1000 Rio Brazos Rd.,	Aziec, NM 87410								V-1	576		
WELL	COMPLETION (	OR REC	COMPLE	TION REP	PORT	ANDO	.OG D					
1a. Type of Well: OIL WELL		_	DRY 🗌	OTHER		ARTE	SIA, OF	PICE .	7. Lease Nam	e or Unit Agree	ment N	ame
b. Type of Completion	<b>L</b>							•				x 96
	DEEPEN	PLUG BACK		DEFP RESVR OT	HER				Parkwa	y 36 Sta	te	DU# 96
2. Name of Operator					/						Y	V
3. Address of Operato									4 9. Pool name	or Wildcat		- <u></u>
500 W. III 4. Well Location	inois, Suite	500,	Midla	nd, TX	7970	<u> </u>			Parkwa	y Delawa	re	
	K . 1980						e and _	1650	Feet F	rom TheW	est	Line
Section	36	Town	ship 19	98	Range	. 2	9E	NM	IPM .	Eddy		County
L	11. Date T.D. Reach			enpl. (Ready to					RKB, RT, G		Elev.	Casinghead
7-26-89	8-8-89		9-2	•				3331' (				
15. Total Depth	16. Plug Bac			17. If Multiple Many Zon	Compt.	How	18.	Intervals Drilled Ry	Rotary Tool	s <sub>I</sub> C	able To	ols
5000'	4803				<del></del>				ATT			
19. Producing Interval(		· Top, Bo	tiom, Name						'	20. Was Directi	تناك لحمام	vey Made
4266-4326 21. Type Electric and C								<del></del>	20 N/00 N/	No No		
1 **	-								22. Was We			
CNL/LDT; DLL/MSFL No  CASING RECORD (Report all strings set in well)												
0.0000	T TYPE COLDER TO							V		FOORD	1 430	010 20 014 1 20
CASING SIZE	WEIGHT LE 47.0#	JFT.		H SET		DLE SE			MENTING R			OUNT PULLED None
11 3/4" 47.0# 366' 14 3/4" 260 sx C + 15 yds Red1-Mix Nor 7" 20.0# 3187' 9 7/8" 900 sx 1ite, 540 C, 1' 3712 sx Nor												
4 1/2"	10.5#	1	500			5"				280 sx		None
										_		
		l		1				<u>L.,</u>				
24.			R RECO					25.		BING REC		
SEZE	TOP	BO	том	SACKS CE	MENT	sc	REEN	<del></del>	SIZE	DEPTH S		PACKER SET
None								2	3/8"	4362'		TA @ 4210'
26. Perforation rec	cord (interval, size	and m	imber)		L	27.	ACID.	SHOT, I	FRACTURI	E. CEMENT	SOL	EEZE, ETC.
I .	', 14 holes	,						ERVAL		NT AND KINI		
4200 4320	, 14 110100					4266	-4326	5 <b>'</b>	2000 g	al 7 1/2	% NEI	E HCl and
Ī						21	ball	sealer	s. Fra	c w/47.03	20 ga	ıl x-linke
								Borate	Fluid &	108,980	12	20 Brady
28. Date First Production		- 4	Marked (E	PRODU			and.	4 mms)		Well Crops	· (Pand	51 - 4 - 3
9-22-89	}			<i>lowing, gas lij</i> 3/4" p		rig - 3126	enen iypi	e pump)		Well Status	•	1
Date of Test	Hours Tested		oke Size	Prod'a Fo	r (	Oil - Bb	ī.	Gas - MC	F V	Vater - Bbl.	исти	Gas - Oil Ratio
9-27-89	24	1.	-	Test Perio	d	57		23	1 :	198		404
Flow Tubing Press.	Casing Pressure		iculated 24- ar Rate	Oil - Bы.		Gas	- MCF	Wat	ier - BbL	Oil Gravit	y - API	- (Corr.)
	20			57		2	3	1	98		deg	
29. Disposition of Gas (Sold, used for fuel, vensed, etc.)  Test Witnessed By												
30. List Attachments												
C-104, logs 31. I hereby certify th	s, inclinati at the information s	on sui hown on	rvey both sides	of this form	is true	and con	nplese se	o the best o	of my knowle	dge and belie		
* **	-		_							·		Ì
Signature Will McCullough Name Terry McCullough Title Sr. Prod. Clerk Date 10-11-89												

· · · · · · · · · · · · · · · · · · ·							AUTHORI		: <u>:</u>				
I. Operator					JIL AI	ND NA	TURAL GA		API No.	FFICE	<del></del>		
STRATA PRODU	CTION	COM	PAN	IY V									
648 PETROLEUM	BLDG	. ROS	SWE	LL; N	M 8	382 <b>01</b>							
Reason(s) for Filing (Check proper box)			•			X Out	et (Please expl	ain)					
New Well		Change in	Dry C		) De	esigna	te new o	casingh	ead gas	purchas	ser		
Recompletion	Oil Casinghead	· C=	•	ensate	, 1					•			
Change in Operator	Canagneso	1025	COBO	ensate [	J 								
and address of previous operator			····										
II. DESCRIPTION OF WELL	AND LEA	SE Well No.	In	Nivera Inch				12:-4	-61				
Petco State		1	Τ̈́ι	Name, Incl urkey	Trad	ck Bo	ne Sprin	g State	of Lease , <b>Buduot MoF</b> M		ease No. 3355		
Locatios P				•			76	0					
Unit Letter	:_660		. Feet	From The .	E	Lin	e and	F	eet From The	<u> </u>	Line		
Section 26 Township	19S	<u> </u>	Rang	e 29	E	, N	мрм,	Eddy	County		County		
III. DESIGNATION OF TRANS	SPORTE	R OF O	IL A	ND NAT	URA	L GAS			•				
Name of Authorized Transporter of Oil	px ]	or Conder					e address to w	hich approve	d copy of this f	orm is to be se	int)		
Navajo Refining Compa							x 159 A						
Name of Authorized Transporter of Casing		$\square$	or Dr	y Gas	,		e address to wi		=				
Phillips 66 Natural Gas If well produces oil or liquids,	<u>Comp</u> a I Unit	any Sec.	Twp	1 0	- E	B20M_F	Plaza Off			elsville (	ϽK		
give location of tanks.	P	26	19		ge. Is .	yes	y connected?	j Whe	1/23/89	)			
If this production is commingled with that f	rom any othe	er lease or	pool, g	zive commi	ngling	order num	ber:			<del> </del>			
IV. COMPLETION DATA													
Designate Type of Completion -	· (X)	Oil Well		Gas Well	1	New Well	Workover   X	Deepen	Plug Back	Same Res'v	Diff Res'v		
Date Spudded	Date Comp	i. Ready to	Prod.		To	stal Depth	<b>1</b>		P.B.T.D.	4			
01-17-89	01-24					9000			9000	)1			
Elevations (DF, RKB, RT, GR, stc.)	Name of Pr	_		00	- 1	p Oil/Gas	Pay		Tubing Dep	th CMAA			
KB 3334 <sup>1</sup> Perforations	Bone	<u>e Spri</u>	ing	<del></del>	8	8056'	<del></del>		D. A. C.	8400			
8056 - 8236									Depth Casir	ig Snoe			
	Т	UBING,	CAS	ING AN	D CE	MENTI	NG RECOR	RD.					
HOLE SIZE		SING & TU		SIZE			DEPTH SET			SACKS CEM	ENT		
15"	1	1 3/4	<u>" 4</u>	12#		60	01			CL "A"			
11"				24 € 3	2#		90'		400sx	400sx & 200sx (DV 1850'			
7 7/8"		5 11"	<u>20</u> ε	17#	+		8441		100sxs Lite&300sx Cl"l				
2 3/8" V. TEST DATA AND REQUES	T FOR A	LLOW	ARLI	F.		84	001		_ No_Pa	cker	]		
OIL WELL (Test must be after re					ust be i	equal to or	exceed top all	omable for th	is depth or be	for full 24 hou	urs.)		
Date First New Oil Run To Tank	Date of Tes		. <u></u>				ethod (Flow, pi			^ ^	,		
	<del></del>	09/89				Pump				Post	TD-2		
Length of Test	Tubing Pres	erite			Ca	ising Press	ure		Choke Size		5-89		
Actual Prod. During Test	50#	<b>‡</b>			w.	50 uter - Bbis	1#		Gas- MCF	-0- com	p B5		
50 bbls	31				"	10				68 MCF	<b>,</b>		
GAS WELL	<u> </u>	······································		<del></del>			·		<del></del>				
Actual Prod. Test - MCF/D	Leagth of T	િલ્ફા		<del></del>	Вь	ols. Conder	sale/MMCF		Gravity of	Condensate			
Testing Method (pitot, back pr.)	Tubing Pres	soure (Shu	l-in)		- Ca	wing Press	ure (Shut-iu)		Choke Size				
		•											
VI. OPERATOR CERTIFICA	ATE OF	COMI	PLIA	NCE			211 221	10501		D 13 (10)			
I hereby certify that the rules and regula	tions of the	Oil Conser	rvation			(	OIL CON	12FHA	AHON	DIVISIO	NC		
Division have been complied with and t			en abo	ve						- 4000			
is true and complete to the best of my k	nowscoke su	id ocher.				Date	<b>Approve</b>	ed	FEB 1	5 1909			
The Acus	La c						•		i n-	. 4			
Signature	Ty-		-	<del></del>		By Original Signed By							
Frank S. Morga	an					•		Mike '	Williams				
Propted Name 02/13/89	505-6	622-11	Tide 27			Title			<del></del>	<u></u>			
Date			ephone	No.					-				

NO. OF COPIES RECEIVE	10 6						Form C-	105
DISTRIBUTION							Revised	1-1-65
SANTA FE	//	NEWM	EXICO OIL C	LER (TATO)	AL CADMINISSID	N	-	Type of Lease
FILE	1	NEW M WELL COMPLE	TION OR REC	OMPLETIO	N REPORT	AND LOG	State 🗡	
U.S.G.S.	.20							& Gas Lease No.
LAND OFFICE	1 .			DEC 22	1970		L-3	355
OPERATOR								
from the	11					!		
TO TYPE OF WELL				RTESIA, D	Esta:		7. Unit Agre	ement Name
		LL A WELL	DRY	OTHER_	• • • t=:			
T. TYPE OF COMPLE		PLUGS	DIFF.				6. Farm or 1	_
WELL WOR			RESVR.	OTHER			Petco	State
The Petrole	ım Corno	ration	L/				9, Well 10.	
3. Address of Operator			#F010				10, Field an	d Pool, or Wildcat
3303 Lee Pa	rkway, D	шая, Техая	3 /5219				MIId	cat Porting
4. Location of Well								
D	6	60	Fas	•	760			
UNIT LETTER P	LOCATED	FEET FR	ом тне <b>Е.45</b>	LINE AND	100	_ FEET FROM	12. County	
Carable	04	100	000					
THE South LINE OF	sec. ZO	TWP. 195 RGE	. Z9E NMPN	Prod 1 19	Floretions (DF	RKR RT C	Eddy	Elev. Cashinghead
		0 12/			GL 3320.			3320. 5
20. Total Depth		ug Back T.D.		le Compl., Ho		vals   Rotar		, Cable Tools
11, 880		0,784	Many	No	Drille	ed By	X	
24. Producing Interval(s			Name	110				5. Was Directional Survey
								Made
10,655 - 659	Feet St	rawn					}	No
26. Type Electric and C	ther Logs Run	Logarithmic	Overlay.	Dual Inc	luction-L	aterolog	27. W	as Well Cored
Sonic-Gamn							<b>"</b>	Yes
28.		CASI	NG RECORD (Rej	oort all string:	s set in well)			
CASING SIZE	WEIGHT LB	./FT. DEPTH		LE SIZE		ENTING REC		AMOUNT PULLED
11-3/4	42	600	15			Class "		None
8-5/8	24 &							350') None
5-1/2	20 &	17 10, 84	4 /-	7/8	100 sxs	L. W.+		
2:	_ <del></del>	WED DECORD			100	Class '		None
29.		LINER RECORD			30.		UBING RECO	· T
SIZE	тор	воттом	SACKS CEMENT	SCREEN	SIZE		FTH SET	PACKER SET
None		-			2-3/	0 10.	605	10,570(not set)
31, Perforation Record (	Internal size ar	d number)		32.	ACID, SHOT,	EDACTURE	CEMENT SOL	JEEZE ETC
10, 655-659	*	•	(4')		INTERVAL	<del></del>		D MATERIAL USED
I .	•	U. J. Ula. )	(3)	10,655				100 sxs cmt.
squeezed w Re-perforat	/100 sxs.			10,655		250 ga	1 15% ac	id
10, 655-659	(5 holes.	0.34" dia)	(4')				-70	
33.				UCTION				
Date First Production	1	uction Method (Flow	ing, gas lift, pum	oing — Size an	d type pump)		_	(Prod. or Shut-in)
Nov. 16, 19		Pump		00 50	0 14	7. W		ducing
12/8/70	Hours Tested	Choke Size Open	Prod'n. For Test Period	он – вы. <b>49</b>	Gas - MC		er — Bbl. 1 <b>89</b>	Gas Oll Ratio 13, 265
Flow Tubing Press.	Casing Pressu			Gas N	ACF V	Vater - Bbl.		Gravity - API (Corr.)
-	-	<del></del>	49		650	289		47°
34. Disposition of Gas (	Sold, used for fu	el, vented, etc.)				Test	Witnessed B	·
Vented							W. (	C. Davis
35. List of Attachments	analwaia a	nd DCT does						
Logs, core					4 - 4 - 4 - 1 · ·	.f = lu l		
36. I hereby certify that	ine injormation	snown on both sides	oj inis jorm is tri	ue ana comple	ie to the best o	jmy knowled,	ge ana vellej.	
- 2-ways	M CD	han	TITLE PO	troleum	Engineer	r	DATE DE	c. 21, 1970
SIGNED			_ IIILE AU			<u> </u>	DATE	ו ** *//V

SANTA FE  FILE  U.S.G.S.  LAND OFFICE  OPERATOR  (DO NOT USE THIS FORM USE TA	SUNDRY NOTICES	W MEXICO OIL CONSERVA	EB 2 4 1972  D. C. C.	Form C-103 Supersedes Old C-102 and C-103 Effective 1-1-65  5a. Indicate Type of Lease State Fee  5. State Oil & Gas Lease No. L-3355
OIL A GAS WELL	OTHER-			7. Unit Agreement Name
2. Name of Operator THE PET	ROLEUM COR	PORATION		Petco State Com.
3. Address of Operator 3303 Lee 1	Parkway, Dall	as, Texas 75219		9. Well No.
4. Location of Well	660	South	1980 E AND FEET FR	10. Field and Pool, or Wildcat Parkway Wolfcamp
West Line	26	FROM THE LIN	29 NMF	
		Elevation (Show whether DF, RT GL3340	GR, etc.)	12 County Eddy
PULL OR ALTER CASING		<del></del>	ENCE DRILLING OPNS.  G TEST AND CEMENT JOB	PLUG AND ABANDONMENT
1. Loaded hole w/ge 2. Set bridge plug at 3. Shot 4-1/2" casin 4. Set 50 sack cemen 5. Set 35 sack cemen 6. Shot 8 5/8" casin 7. Set 35 sack cemen 8. Set 35 sack cemen 9. Set 10 sack cemen 10. Installed 4 inch m	I mud. 9550' & dump g at 5500' & p nt plug 5505 to nt plug 3850 to g at 1012 feet nt plug 1072 to nt plug 640 to nt plug at surfinarker	y state all pertinent details, and pulled 5500' of 4-1/0 5405 feet. and pulled 1012 feet. 972 feet. 540 feet.	top. 2" casing. et of 8-5/8" casing	

CONDITIONS OF APPROVAL, IF ANY:

Submit 3 Copies To Appropriate District Office	State of New Mexico Energy, Minerals and Natural Resources	Form C-103 June 19, 2008
District I 1625 N. French Dr., Hobbs, NM 88240		WELL API NO.
<u>District II</u> 1301 W. Grand Ave., Artesia, NM 88210 District III	OIL CONSERVATION DIVISION 1220 South St. Francis Dr.	30-015-26112 5. Indicate Type of Lease
1000 Rio Brazos Rd., Aztec, NM 87410 District IV	Santa Fe, NM 87505	STATE X FEE 6. State Oil & Gas Lease No.
1220 S. St. Francis Dr., Santa Fe, NM 87505		K-4169
(DO NOT USE THIS FORM FOR PROPOSALS	S AND REPORTS ON WELLS S TO DRILL OR TO DEEPEN OR PLUG BACK TO A ION FOR PERMIT" (FORM C-101) FOR SUCH	7. Lease Name or Unit Agreement Name Parkway Delaware Unit
1. Type of Well: Oil Well X Gas V		8. Well Number 101
2. Name of Operator St. Mary Land & Exploration Company	OCT 28 2008	9. OGRID Number 154903
3. Address of Operator 3300 N. A St., Bldg 7, Suite 200, M	OCD_APTECIA	10. Pool name or Wildcat Parkway; Delaware
4. Well Location		1000 6 . 6 . 4 . 5 . 4
Unit Letter O : 336  Section 26	0feet from theSouth line and Township 19S Range 29E	1980feet from theEastline NMPM Eddy County
	1. Elevation (Show whether DR, RKB, RT, GR, 3326' GR	
12. Check App	ropriate Box to Indicate Nature of Noti	ce, Report or Other Data
TEMPORARILY ABANDON C PULL OR ALTER CASING M	LUG AND ABANDON 🔲 REMEDIAL W	DRILLING OPNS. P AND A
DOWNHOLE COMMINGLE		_
OTHER:  13. Describe proposed or completed		entry to establish production  and give pertinent dates, including estimated date
of starting any proposed work). or recompletion.	SEE RULE 1103. For Multiple Completions:	Attach wellbore diagram of proposed completion
Acidize w/1500 gals 15% NEFE w/balls for divers 8/26/08 - Swab 8/27/08 - Swab 9/10/08 - RU & Swab 9/11/08 - Swab	50-3790'. POH w/tbg & pkr. Perf 4028', 4032', 4036', 40 ion.  4084'(10 holes) w/27,048 gals XL fluid + 20,036# 16/30 s	and + 11,513# 16/30 RC sand.  ACCEPTED FOR RECORD
		OCT 29 2003
		~ -
		Gerry Guye, Deputy Field Inspector NMOCD-District II ARTESIA
1	ve is true and complete to the best of my knowle	_
SIGNATURE NOW AMA	TITLE_Production Tech_	DATE10/24/2008
Type or print name _Donna Huddleston _ For State Use Only	E-mail address: dhuddleston@s	stmaryland.com PHONE: 432-688-1789
APPROVED BY: Conditions of Approval (if any):	TITLE	DATE

#### Submit to Appropriate District Office State Lease - 6 copies Fos Lease - 5 copies DISTRICT I P.O. Box 1980, Hobbs, NM 88240

**DISTRICT II** 

#### State of New Mexico Energy, Minerals and Natural Resources Department

6	87 A
Form C-105	Br 11
Revised 1-1-89	5 t

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OIL	CON	SEK	/ A	TION	DIV	<b>ISION</b>

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

	30-015-26113	
5.	Indicate Type of Lease	

WELL API NO.

	STATE	X	FEE	
_				

P.O. Drawer DD, Artenia, NM 88210 RECEIVED 6. State Oil & Gas Lease No. DISTRICT JU L-3355 1000 Rio Brazos Rd., Aziec, NM 87410 WELL COMPLETION OR RECOMPLETION REPORT AND LOG TO JAN 2011 la. Type of Well: 7. Lease Name or Unit Agreement Name OIL WELL X DRY [ GAS WELL OTHER J. C. D. b. Type of Completion: ALITESIA, OFFICE Petco State WELL NEW WORK DEEPEN BACK RESVA OTHER 8. Well No. 2. Name of Operator Strata Production Company // 9. Pool name or Wildcar 648 Petroleum Bldg., Roswell, New Mexico 88201 RWay olaware 4. Well Location Unit Letter N: 330 Feet From The South Line and 1980 Feet From The West Lipe Section 26 Towaship 195 Range NMPM 29E Eddy 10. Date Spudded 11. Date T.D. Reached 13. Elevations (DF& RKB, RT, GR, etc.) 12. Date Compl. (Ready to Prod.) 14. Elev. Casinghead 12-6-89 12-18-90 1-17-90 GL 3324' 33271 15. Total Depth 17. If Multiple Compl. How Many Zones? 18. Intervals Rotary Tools
Drilled By 16. Plug Back T.D. Cable Tools 47401 19. Producing Interval(s), of this completion - Top, Bottom, Name 20. Was Directional Survey Made Parkway Delaware Yes 22. Was Well Cored 21. Type Electric and Other Logs Run CNL Density and Dual Laterolog No 23. CASING RECORD (Report all strings set in well) **CASING SIZE** HOLE SIZE CEMENTING RECORD AMOUNT PULLED WEIGHT LB/FT. **DEPTH SET** 350sx "C" w/2% Calc 13 3/8" 3581 17 1/2" 61# 300sx "C" 6/10CFRA.\$#sait 8 5/8" 15.5# 4740' 7 7/8" 5 1/2" 24 & 32# 9 7/8" 1930sx Lite 1000sx"C" 3325' 24. LINER RECORD **TUBING RECORD** SIZE TOP BOTTOM SIZE DEPTH SET SACKS CEMENT SCREEN PACKER SET 2 7/8" 4600' 4300' 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. 26. Perforation record (interval, size, and number) AMOUNT AND KIND MATERIAL USED DEPTH INTERVAL 17 holes - Delaware - .42" 718NEFE - 2000 gals 4316 - 4458' 4316, 19, 33, 74, 76, 4422, 26, 29, 32, 36, 4316 - 4458 Frac-14,700gel w/CO2 & 38, 50, 52, 53, 55, 56 & 58 64,320# 16/30 Sand PRODUCTION 28. Well Status (Prod. or Shut-in) Date First Production Production Method (Flowing, gas lift, pumping - Size and type pump) 1-13-90 Flowing Prod Date of Test Oil - Bbl. Gas - MCF Gas - Oil Ratio Prod'a For Water - Bbl. Hours Tested Choke Size Test Period 1-20-90 1/4" 101 Calculated 24-Oil - Bbl. Gas - MCF Water - BbL Oil Gravity - API - (Corr.) Flow Tubing Press. Casing Pressure Hour Rate 280# Test Witnessed By 29. Disposition of Gas (Sold, used for fuel, vented, etc.) Frank Morgan Vented 30. List Attachments 31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Printed

Name James G. McClellandTitle Vice President Date 1-24-90

Till

Signante -

#### STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT we. er tarite ettivit OIL CONSERVATION DIVISION COTTUBUTION Form C-103 P. O. BOX 2088 RECEIVED Revised 10-1-BANTAFE SANTA FE, NEW MEXICO 87501 FILE Sa. Indicate Type of Leuse U.S.11.5. OCT 01 '87 State X LAND OFFICE 5. State Cil & Gas Lease No. OPERATOR LG-2244 معد SUNDRY NOTICES AND REPORTS ON WELLS ARTESIA, OFFICE 7. Unit Agreement Nam : Nome of Operator 8. Farm or Lease Name Parkway State Metex Pipe & Supply . Address of Operator 9. Well No. POB 1037 Artesia, NM 88210 1. Location of Well 10. Fleid and Pool, or Wildeat . E90 PEET FACH THE SOUTH LINE AND Wildcat Delawar SECTION 25 TERMENT 19-S MANCE 29-E 15. Elevation (Show whether DF, RT, GR, etc.) 12. County 3328' GL Eddy Check Appropriate Box To Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: PERPOR AERICIAL WORK TEMEDIAL WORK COMMENCE DRILLING DPHS. PULL OR ALTER CABING CASING CEST AND CEMENT JOS 17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any propos work) SEE RULE 1103. 9-1-87 TD Well at 3947' Ran Dresser Open Hole Logs to 3943 (Dual Induction/Densilog) Logs attached for your files 9-2-87 Cut & pull 2130' of 7 " Casing Set plugs as follows per NMOCD Geologist Darrell Moore: 20-Sx plug at 3946' 30-Sx plug at 2935' Waited 2-hrs & tagged(7 " Shoe Plug 50' in/out)

18. I hereby certify that the information above is true and complete to the best of my knowledge and helief.

PICHED MINING TITLE d/h/a Metex Pipe &

-WILL NOTIFY WHEN READY FOR FINAL INSPECTION-

35-sm plug at 400\*

d/h/a Metex Pipe & Supply OATE 9/4/87

(50' in/out 8-5/8" Shoe) Waited 2-hrs & tagged

Post ID-2 10-9-87

RA

35-Sx plug at 1320' Waited 2-hrs & tagged(Base Salt Plug)

10-sx plus at surface with dry-hole marker

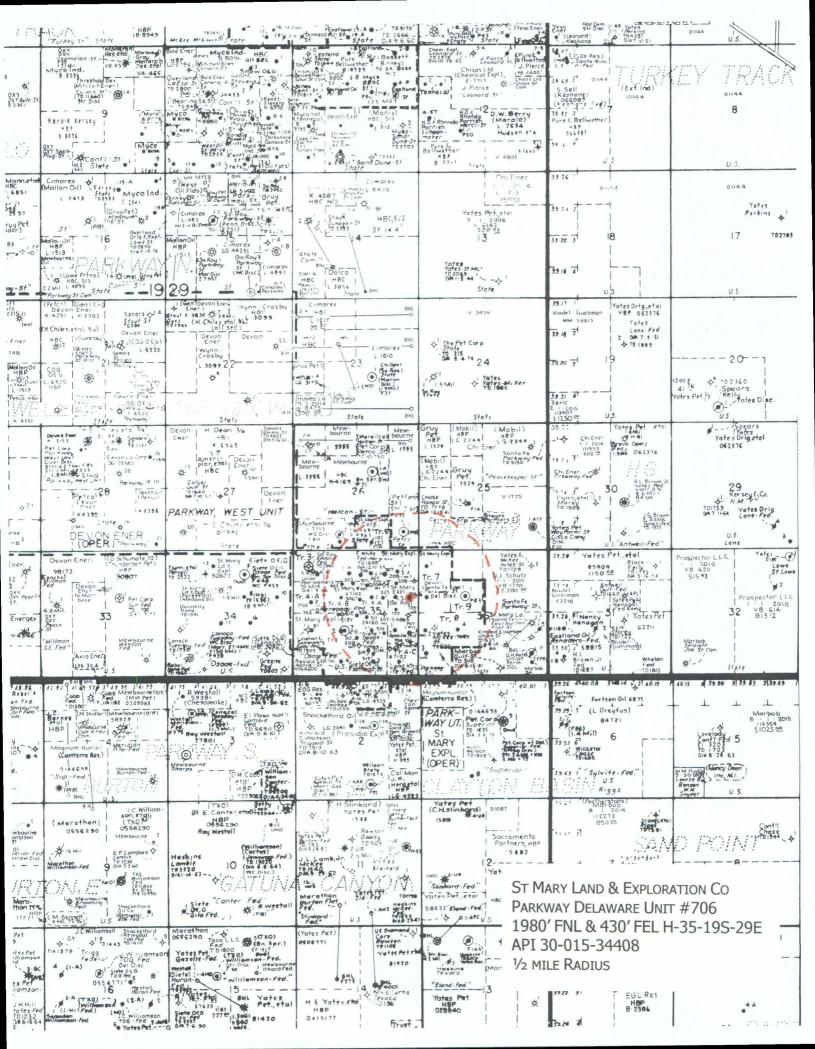
(ALL plugs 37 CaCl / Class-C)

nue Geologist our 12/8/87

#### STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

Form	C -	103	
Revi	sed	10-	ı

DISTRIBUTION	······································	E <b>CENED</b> ONSERVAT P.O.BOX: SANTA FE, NEW M	2098	Form C-103 Revised 10-
U.S.G.S.	1	NUG 21 187		State X Fee
OPERATOR		O. O. D. ATESIA, OFFICE		5. State Oil 6 Gus Leans No. LG-2244
(DO NOT USE THE	SUNDRY NOTIC	LES AND REPORTS ON WI	ELLS TO A DIFFERENT RESERVOIR.	
1. oil X	GAB OTHER			7. Unit Agreement Name
2. Name of Operator	TEX PIPE AND SUP	PLY		8, Farm or Leuse Name PARKWAY STATE
J. Address of Operator	B 1037 ARTESI	A, NM 88210		9. Well No.
4. Location of Well	890	South	560	10. Field and Pool, or Wildcat Wildcat Delaware
West	25	19-S	20-10 RANGE	- MAPM.
		15. Elevation (Show whether DF 3328 GL	, RT, GR, etc.)	12. County Eddy
15. NO	Check Appropria	ate Box To Indicate Nat N TO:	-	or Other Data QUENT REPORT OF:
PERFORM REMEDIAL WORK TEMPORARILY ABANDON PULL OR ALTER CASING		c	EMEDIAL WORK  OMMENCE DRILLING OPHS.  ASING TEST AND CEMENT IQS  RUN SULFACE  OTHER	ALTERING CASING PLUG AND ABANDONMENT Casing/Spud Well
OTHER			······································	
17. Describe Proposed or work) SEE RULE 16		learly state all pertinent details	, and give pertinent dates, i	ncluding estimated date of starting any propo
8–19–87	Cement with 220	t 364! & run 8-5/8"	" + 2% CaCl & Cir	culate 25-Sxs to Pits.
	Current Operation Plan to drill of	ion is WOC out with <b>7-</b> 7/8" Bit	and drill to 4000	PTD.
				•
18. I hereby certify that ti	he information above is tr	ue and complete to the best of m		
· Icuco × Marlin	13 Miny	d/b/a	Metex Pipe & Sup	ply DATE 8-19-87
	Grigi	nal Signed By		SEP 4 1087



Forth 3169-4 (November 1983) (formerly 9-330)

J. C. MILLERTON \* SUBMIT IN DUPL. TE.

CO210 (See other In-

Form approved.

Budget Bureau No.	1004-013
Expires August 31.	1985
ひとり はいしゅん	

111+ 00-000-30445

		PT I IVIE.					אל		se side		ESIGNAT	TIUN AND SERIAL NO.
		BUREAU	UF LAN		AGEME!			<del></del>		NM-67	102	
	OMPLETIO		RECON	APLET	ION F	REPORT	[ AN	D LO	3 *	- HELLINGS	N. AFLO	12 All 39
is. TYPE OF WI	ELL:	WELL X	WELL	J .	RY 🔲	Other				7. CYIT AGE	EEMEN	T NAME
b. TYPE OF CO										AREA .		
WELL	WORK OVER	EN DEEL-	BACK [	DIFF		Other				S. FARM OR	LEASE	NAME
2. NAME OF OPER						/	rece	IVED		Long K	nife	35 Federal
	Energy Op	erating	g Parti	ners,	L.P.	,				9. WELL NO	•	600xx801
3. ADDRESS OF OR										11	<u> </u>	V AV
4. LOCATION OF W	linois, S	uite 50	00, Mic	iland,	TX	/9 /01	MAR 1	<u>.6.'89</u>		- Parkeu	ay	L, UB WILDCAT
	660' FSL					<b>y</b> white req		,				Laware OR BLOCK AND SURVEY
							Ο.	C. D.		OR AREA		
At top prod. 1	nterval reported	perow 28	ame				ARTESIA	A, OFFICE				
At total depth	Same		-							Sec.	35,	19S, 29E
				14. PE	RMIT NO.		DATE	ISSUED		12. COUNTY PARISH	OR	13. STATE
							11	-10-88		Eddy	·	NM
15. DATE SPUDDED			1		(Ready to	o prod.)				B, RT, GR, ETC.) *	l	ELEV. CASINGHEAD
12-13-88 20. TOTAL DEPTH, M	1-7-8	PLUG, BACK		-15-89	IR MUT	TIPLE COM		3327 1 1		33/ 4 JK		CABLE TOOLS
		5845	_		HOW M	ANY.			LED R		<b>71.4</b>	
6002 24. PRODUCING INT	ERVAL(S), OF T		-	BOTTOM,	NAME (N	AD AND TV	D) *		<del></del>	All	1 2	5. WAS DIRECTIONAL
	6 Cherry C				·		·					SURVKY MADE
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		3	J									No
26. TYPE ELECTRIC	AND OTHER LO	GS RUN	<del>-</del>			- · · · · · · · · · · · · · · · · · · ·					27. W	FAS WELL CORED
Dual Late	erolog, Co	ompensa	ted Ne	itron-	Litho	Densi	ty Cm	t Bond	Log	3		No
29.						ort all stri	ngs set					
CASINO SIZE	WEIGHT,		DEPTH SE		HO	LE SIZE	_ _	CE2	ENTL	NG RECORD		AMOUNT PULLED
10,3/4	40.5	2	3	70	14	4 3/4	7	60_sx_	C1	C & 6 yds	read	y mix None
7	$\frac{23}{10.5}$		320			9_7/8_	ī			& Howco	Lite	None
4 1/2		-	600	)2		6 1/4	_ _4	50 sx	Cl_F	l Poz		
29.		LINER	RECORD		1			30.		TUBING REC	ORD	
BIZE	TOP (MD)	_,	M (MD)	SACKS CI	MENT*	SCREEN	(MD)	SIZE	<u> </u>	DEPTH BET (		PACKER SET (MD)
								2 3/	3	4258		
						-						
31. PERFORATION R	ECOED (Interval	, size and s	number)			32.	A(	CID, SHOT	FRA	CTURE, CEMEN	T SQU	EEZE, ETC.
5930-5936	5', 25 hol	es, 4	JPF - PI	lugged		DEPTH	INTERVA	L (MD)		AMOUNT AND RI	ND OF	MATERIAL USED
4222-4246	5', 12 hol	es, 1 .	JP2F			5930	)-593	6				20% NEFe HCl
						/ 255						5' emt on top
						4222	2-424	b				1/2% NEFe HC1
33.*		· . · . · . · · . · · . · · · · ·		······································	PROL	DUCTION	<del></del>			0,595 # 12		<u>1 2000# FLA 1</u> 00 sd.
					7/24				<u> </u>	121 11000	, 40	

ODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) well status (Producing or shut-in) Pumping 10 x 74" Producing
BBL GAS-ON BATIO 2-15-89 DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N. FOR TEST PERIOD OIL-BBL GAS---MCF 2-19-89 24 78 110 1410 FLOW, TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL--BBI. GAS---MCF. WATER--BBL. OIL GRAVITY-API (CORR.) 45 78 248 250 110 (ORIG. SGD.) DAVID R. GLASS 37.5 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented 35. LIST OF ATTACHMENTS MAR 141989 Logs, Deviation, C104

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

DATE 3-8-89

TITLE STC Production Clerk !!

November 1983) (fermerly 9-330)		שפייאט ב	2		IT IN DUPLICA	·7 \$10·	Budgot   Expires	Bureau No. 1004-013£ August 31, 1985	
	DEPAR	TMEN C	r ime	INSERIO	マ altu- の表が、O tever	et Bint		CHATION AND BREIAL NO.	
	BU	REAU OF LA	ND MANAGI	MENTE . SEL	\$30.2 <b>0</b>	RE	TEILLER	NM-24160	
WELL CO	MPLETION	OR RECO	MPLETIO	N REPORT	AND LO		To Indian	ALLOTTER OR TRIBE NAME	
. TYPE OF WEL		ILE NELL			<del></del>		, PRIT ACRES	MENT HAMB	
L TYPE OF COM		W. W. W. W. W. W. W. W. W. W. W. W. W. W			169	14 CD	ll 20 ///	<b>'</b> 88	
WEW X	OVER DES	EF D PING	DIFF.	] Other	C,	<u>150</u> 8	FARM OR L	BADE HAMP	
. HAME OF OPERAT	Ю		/		A:	<b>327</b> , 33	Osage '	Federal 1	
		rporation 🗸		R	CEIVED		. WELL 80.	is blood of	
. ANDRESS OF UPE		11 0				_	3	POOL, OR WILDCAT	
P.U. BOX		well, NM 8			C-21,100	*		y Delaware	
At surface 660	-				TO-ELEV OU	{··i	1. Mcc. 7., 8.	. M., ON BLOCK AND BURYET	
At top prod. lat					O. C. D.	}	UN AREA	5 T100 D20E	
At total depth	cival repolition				TESHA, OFFICE		sec. s	5 T19S, R29E	
At total depth			14. PERMIT	T NO.	DATE IBBUED		2. COUNTY O	B   13. STATE	
				1			Eddy	NM	
DATE BELUBED	] 16. DATE T.D.		ir couri. (ke	idy to prod ) [ ];		 of. and. at.	un. src.1	NM SLEV. CASINGHEAD	
11/02/88	11/14/	88 11	/18/88		3330 KB	332	266	3322 GL	
TOTAL DEPTH. MD		UO. BACK T.D., MD 4	TVD   22. IF	MULTIPLE COMPL	., [ 23. INT	EHVALU	BUTANT TOOL		
5000 '	49	933†	1 "	N/A			Rotary	<u> </u>	
PRODUCING INTER	DVAL(B), OF THIS	COMPLETION— TO	P, BOTTOM, NAI	HE (MD AND TYD)	•			25. WAS DIRECTIONAL BURYET MADE	
D=1									
Delaware 4							<del></del>	Yes	
Coblumbors			TATE MOTOR				<b>\</b> '	27. WAS WELL COARD	
<del></del>	ger com-no	I-CR-Calip,						Yes	
CASINO BIZE	WRIGHT, LB.		ET (MD)	Report all string		MENTING RE	CORD	AMOUNT PULLED	
13-3/8"	48#	·	60'	17 1/2!!	755	(1" ±	to surface)		
8-5/8"	24#		218'				to surface)		
5-1/2"	15.5#		000'	7-7/8"	400 sxs				
····									
	<del></del>				30	TU.	BING RECO	RD	
		LINER RECORI	D			<del></del>			
<b>6121</b>	TOP (MD)	BOTTOM (MD)		HT BCBER (			PTH SET (MI	PACEER BET (MD)	
<b>6</b> 121	TOP (MD)			NT* SCREEN (I	2-3/8		4178 !	PACEER OFF (MD)  N/A	
		BOTTOM (MD)			2-3/8	3"	4178'	N/A	
PERFORATION BEG	CORD (Interval, e	BOTTOM (MD)	SACKE CEME	82.	2-3/8 ACID, BHOT	FRACTUI	4178 LE. CEMENT	N/A BQUEEZR, ETC.	
PRAFORATION RE-	CORD (Interval, e	BOTTOM (MD)	SACKE CEME	82. DEPTH 18	2-3/8 ACID, BHOT	FRACTUI	4178 ! RE. CEMENT NT AND KING	N/A  BQUEEZE, ETC. OF MATERIAL USED	
PRAFORATION RE-	CORD (Interval, e	BOTTOM (MD)	SACKE CEME	82. DEPTH 18	2-3/8 ACID, BHOT	FRACTUI	4178 ' RE. CEMENT NT AND KING	N/A  BQUEEZR, ETC.  OF MATERIAL USED  S. Frac w/17,00	
PERFORATION RE-	CORD (Interval, e	BOTTOM (MD)	SACKE CEME	82. DEPTH 18	2-3/8 ACID, BHOT	FRACTUI	4178 ' RE. CEMENT NT AND KING	N/A  BQUEEZE, ETC. OF MATERIAL USED	
PERFORATION REG	CORD (Interval, e	BOTTOM (MD)	SACKE CEME	82. DEPTH 18	2-3/8 ACID, BHOT	FRACTUI	4178 ' RE. CEMENT NT AND KING	N/A  SQUEEZE, ETC.  OF MATERIAL USED  S. Frac w/17,00	
PERFORATION BEG	(Interval, a 4201	DOTTOM (MD)  Nice and number)  22* (15 Per	fs)	B2. DEPTH IN 4201 T	2-3/8 ACID, BHOT TERVAL (MD) - 4222	FRACTUI ANOU Acid gals.	A178 PRE CEMENT NT AND EIRE 1000 gal & 41,00	N/A  BQUEEZE ETC.  OF MITEMAL USED  S. Frac w/17,000  O lbs. sand.	
PERFORATION BEG	(Interval, a 4201	DOTTOM (MD)  DIEC and number)  22 (15 Per	fs)	B2. DEPTH IN 4201 T	2-3/8 ACID, BHOT TERVAL (MD) - 4222	FRACTUI ANOU Acid gals.	A178 PRE CEMENT NT AND EIRE 1000 gal & 41,00	N/A  SQUEEZE, ETC.  OF MATERIAL USED  S. Frac w/17,00  O lbs. sand.	
Delaware 4	(Interval, a 4201	DOTTOM (MD)  Size and number)  22* (15 Per	fs)  (Flowing, gas in	PRODUCTION  ift, pumping—size  on Oil—BEL.	2-3/8 ACID, BHOT TERVAL (MD) - 4222	Anor Acid gals.	RE CEMENT NT AND EIRE 1000 gal & 41,00	N/A  SQUEEZE, ETC.  OF MATERIAL USED  S. Frac w/17,00  O 1bs. sand.	
Delaware 4	CORD (Interval, a 4201 - 42	DOTTOM (MD)  Size and number)  22* (15 Per	fs)	PRODUCTION  ift, pumping—size  on Oil—BEL.	ACID, BHOT STERVAL (MD) - 4222'	FRACTUI ANOU Acid gals.	RE CEMENT NT AND KINE 1000 gal & 41,00	N/A  SQUEEZE ETC.  OF MATERIAL USED  S. Frac w/17,000  O 1bs. sand.	
Delaware 4  Delaware 4  11/18/88  11/22/88	COAD (Interval, a 4201 - 42)	DOTTOM (MD)  Size and number)  22' (15 Per  DECTION METHOD of Flowing  CHOKE MISH  25/64"	Flowing, gas in TEST PER	PRODUCTION  OR OIL—BBL.  120	2-3/8 ACID, BHOT ITERVAL (MD) - 42221	FRACTUI ANOU Acid gals.	RE. CEMENT NT AND KIRE 1000 gal & 41,00	N/A  BQUEEZE, ETC.  OF MATERIAL USED  S. Frac w/17,00  O lbs. sand.  BTATUS (Producing) or 4n)	
PERFORATION REC  Delaware 4  PERF PRODUCT  11/18/88  TE OF TRET  11/22/88  W. TURING PROSE.  120	COAD (Interval, a 4201 - 42	DOTTOM (MD)  DIEC and number)  22' (15 Per  DECTION METHOD Flowing  CHOKE BIES  25/64"  CALCULATED  24-ROUS ES	Flowing, gas in PROD'N. PTEST PER CHI.—BBL.	PRODUCTION  OR OIL—BELL  OR OIL—BELL  OG GAB—	2-3/8  ACID, BHOT  TERVAL (MD)  - 4222'  and type of put	FRACTUI AMOU Acid gals.  (Est) WATER-B	RE. CEMENT NT AND MINE 1000 gal & 41,00  WATER-BBL 80	N/A  BQUEEZE, ETC.  OF MITERIAL USED  S. Frac W/17,00  O lbs. sand.  PTATUS (Producing) or  4n)  1200  OIL GRAVITI-API (CORR.)  39.6	
Delaware A  TO PIRET PRODUCT  11/18/88 TH OF TRAT  11/22/88 TH THE TRANS  120  DISPOSITION OF G	HOURS TESTED 24 CABING PRESENT 570 LAR (Bold, used for	DOTTOM (MD)  DIEC and number)  22' (15 Per  DECTION METHOD ( Flowing  CHOKE BIEN  25/64"  BE CALCULATED  24-BOUR BA  Or fuel, vented, etc.	Flowing, gas in PROD'N. PTEST PER 120	\$2.	2-3/8  ACID, BHOT  ITERVAL (MD)  - 4222¹  cand type of put  CAE-M  144  -MCF.  4 (Est)	FRACTUI AMOU Acid gals.  (Est) WATER-B	RE. CEMENT NT AND KIRE 1000 gal & 41,00	N/A  BQUEEZE, ETC.  OF MATERIAL USED  S. Frac W/17,00  O lbs. sand.  PTATUS (Producing) or  4n)  1200  OIL GRAVITT-API (CORE.)  39.6	
PERFORATION REAL Delaware A Delaw	HOURS TESTED  24  CABING PRESS  570  AM (Bold, used for Note: P-66	DOTTOM (MD)  DIEC and number)  22' (15 Per  DECTION METHOD Flowing  CHOKE BIES  25/64"  CALCULATED  24-ROUS ES	Flowing, gas in PROD'N. PTEST PER 120	\$2.	2-3/8  ACID, BHOT  ITERVAL (MD)  - 4222¹  cand type of put  CAE-M  144  -MCF.  4 (Est)	FRACTUI AMOU Acid gals.  (Est) WATER-B	RE. CEMENT NT AND EINE 1000 gal & 41,00  WATER—BBL 80 BL. Jim Ika	N/A  SQUEEZE, ETC. OF MATERIAL USED  S. Frac w/17,00  O lbs. sand.  PTATUS (Producing) or	
Delaware A  Delaware A  TO FIRST PRODUCT 11/18/88  TO OF THAT  11/22/88  DELAWARE PRODUCT 11/22/88  DE	TON PROSE  MOURE TESTED  24  CABINO PRESENT  570  LAR (Sold, used for  Note: P-66  MENTS	DOTTOM (MD)  size and number)  22' (15 Per  DOCTION METHOD Flowing  CHOKE BIEN  25/64"  THE CALCULATER  24-HOUR BA  OF fuel, vented, etc. 6 presently	Flowing, gas in TEST PER 120	PRODUCTION  OR OIL—BBL.  120  GAB-  142  144  155  165  165  165  175  175  175  175	2-3/8  ACID, BHOT  ITERVAL (MD)  - 4222¹  cand type of put  CAE-M  144  -MCF.  4 (Est)	FRACTUI AMOU Acid gals.  (Est) WATER-B	RE. CEMENT NT AND EINE 1000 gal & 41,00  WATER—BBL 80 BL. Jim Ika	N/A  BQUEEZE, ETC.  OF MATERIAL USED  S. Frac w/17,00  O lbs. sand.  BTATUS (Producing) or  4n)  CAB-OIL BATIO 1200  OIL GRAVITY-API (CORE.) 39.6  SED BT  rd	
Delaware A  THE FIRST PRODUCT 11/18/88 THE OF TRAT 11/22/88 DW. TURING PRIME. 120 DIAPOSITION OF G Vented — A  LIST OF ATTACH 2 copies of	TORD (Interval, a 4201' - 42.  HOURS TESTED 24 CABINO PASSAU Sold, used for Note: P-66 MENTS Open hole	DOTTOM (MD)  DIES and number)  22' (15 Per  DECTION METHOD Flowing  CHOKE MIXE  25/64"  THE CALCULATER  24-HOUR RA  OF Juel, vented, etc. 6 presently  logs, & dev	Flowing, gas in TEST PER 120	PRODUCTION  OR OIL—BBL.  120  GAB-  14  Ing Csghd 1	2-3/8  ACID, BHOT  TERVAL (MD)  - 4222'  and type of pure case—in 144  -MCV.  4 (Est)  ine	AMOU Acid gals.  (Est)  WATER-8	RE CEMENT NT AND KINE 1000 gal & 41,00  WELL ADDI WATER BBL 80 BL. Jim Ika	N/A  SQUEEZE, ETC.  OF MATERIAL USED  S. Frac w/17,00  O lbs. sand.  PTATUS Producing or  In 1200  OIL GRAVITY-AFI (CORR.)  39.6  SED BY  THE STATION STATION SISSING STATION SISSING STATION SISSING STATION SISSING STATION SISSING STATION SISSING SISSING STATION SISSING	
Delaware A  Delaware A  TO FIRST PRODUCT  11/18/88  TE OF THAT  11/22/88  OW. TUBING PRODUCT  120  DISPOSITION OF G  Vented — N  LIST OF ATTACH	TORD (Interval, a 4201' - 42.  HOURS TESTED 24 CABINO PASSAU Sold, used for Note: P-66 MENTS Open hole	DOTTOM (MD)  DIES and number)  22' (15 Per  DECTION METHOD Flowing  CHOKE MIXE  25/64"  THE CALCULATER  24-HOUR RA  OF Juel, vented, etc. 6 presently  logs, & dev	Flowing, gas in PROD'N. PROD'N	PRODUCTION  OR OIL—BBL.  120  GAB-  14  Ing Csghd 1	ACID, BHOT ITERVAL (MD) - 4222'  and type of pure GAB—M 144 -MCF. 4 (Est)  ine	ANOU Acid gals.  (Est) WATER-B	RE. CEMENT NT AND EINE 1000 gal & 41,00  WELL Abut  WATER—BBL 80 BL. Jim Ika ACCES	N/A  SQUEEZE, ETC. OF MATERIAL USED S. Frac W/17,00 0 lbs. sand.  PTATUS (Producing) or	

State Lease - 6 conies		1	c	State of New M	ovico		,				Form C-105		
State Lease - 6 copies Fee Lease - 5 copies		Fne		Ainerals and Nat		cources				Re	evised June 10, 2003		
District I	-LL. NR 4 88940		*5J, **	ninciais and ital	iuiui 100.	Jourees	ľ	WELL API N	۷O.				
1625 N. French Dr., H. District II	•		Oil	Conservation 1	Divisio	n		30-015-300					
1301 W. Grand Avenu District III	e, Artesia, NM 88210			O South St. Fra		•	ŀ	5. Indicate T					
1000 Rio Brazos Rd.,	Aztec, NM 87410	ŀ		Santa Fe, NM 8		•	-	STAT State Oil & C		FEI	<u> </u>		
District IV 1220 S. St. Francis Dr.	, Santa Fe, NM 87505		•	, , , , , , , , , , , , , , , , , , ,	,,,,,,		- 1	NM 54865	ias Leas	e 140.			
WELLCO	OMPLETION (	OR RECO	MPLE	TION REPOR	T AND	LOG		14/01/04/000					
la. Type of Well:		_						7. Lease Name o	or Unit Ag	reement Na	me		
OIL WEL	L GAS WELL	☐ DRY	□ 0	THERWater Injecti	ion Well		-	Barlayan D	- l <i>-</i>	a linit	RECEIVED		
b. Type of Comple		. [] N. V.O		VIPP			Ì	Parkway D	elawar	e unii	_ <del>_</del>		
	RK X DEEPE VER	I ☐ PLUĢ BACK		DIFF. ESVR. OTHER							AUG 1 0 2005		
2. Name of Operator			· · · · · · · · · · · · · · · · · · ·					8. Well No. 70	4	Q	CU-AHIEDIA		
	8. Exploration	<u> </u>	<del></del>	<u></u>			_	<u> </u>					
3. Address of Opera	<sub>itor</sub> Park Blvd. Sui	400						9. Pool name or Parkway D	•	ra Unit			
Houston, TX		6 000					- [	FURWUY	eiawa	ie Oi iii			
4. Well Location	7.077					· · · · · · · · · · · · · · · · · · ·				<del> </del>	·		
Unit Letter	_l:_1450_ Feet I	rom TheSC	outh	Line and330Fe	et From T	e_East	_Lin	ne					
Section 3	5 Township	195		Range 29E		NMI	PM				County Eddy		
10. Date Spudded	11. Date T.D. Read	ned 12. I	Date Con	npl. (Ready to Prod.)	13.	Elevations (	DF&	RKB, RT, GR,	etc.)	14. Elev. (	Casinghead		
1-26-98	2-4-98		21-05	•	33	27' GL		,					
15. Total Depth	15. Total Depth 16. Plug Back T.D. 17. If Multiple Compl. How Many 18. Intervals Rotary Tools Cable Tools												
4400'	4368'	T D.		nes?	<del></del>	Drilled By	<u>у</u>	1 20	117 - To	10			
19. Producing Inter	val(s), of this comple	tion - Lop, Boi	iom, Na	mę				20	. Was Dir	rectional Su	rvey Made		
21. Type Electric ar	nd Other Logs Run	<del></del>		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·			22. Was Well	Cored				
	-Densilog; Dual	Laterolog						No					
23.			CAS	SING RECOR	D (Rep	ort all s	trin	gs set in we	ell)				
CASING SIZE	<del></del>	r lb./ft.		DEPTH SET		LE SIZE		CEMENTING		) Al	MOUNT PULLED		
13 3/8		8	ļ	355		7 1/2		375			<u>Circ</u>		
9 5/8		36		1500	<del></del>	2 1/4		750		_	Circ		
4 1/2		20 0.5	<del> </del>	3000 4400		3/4 51/4	<del>.</del>	200			<u>Circ</u> TOC @ 212		
24.	<u></u> <u>-</u>	).3	LINI	ER RECORD		1/4	25.		JBING R		10C @ 212		
SIZE	TOP	ВОТТОМ		SACKS CEMENT	SCREEN		SIZ		DEPTH		PACKER SET		
			,				2	3/8	4185'		4003'		
		<u></u>					<u> </u>						
•	ecord (interval, size,		/ 410/	0. 4117 4100.		D, SHOT NTERVAL		ACTURE, CEN					
•	)3:3-4039; 4051  3:3-4139; 4151				4016-		<u>,                                    </u>	AMOUNT AN			obls 2% flush		
.4", 105 holes		-4130, 410	0-410	Ų,	4010	7100		7000 gais	13/011	C1, J00 L	2013 276 HUSH		
1.4 , 100 11616.	•							· · · · · · · · · · · · · · · · · · ·		<del></del>			
28			-;	PRO	DUCT	TON		· · · · · · · · · · · · · · · · · · ·		· ,···	<del></del>		
Date First Production	on	roduction Met	hod (Flo	wing, gas lift, pumpin			"	Well Status (			<del></del>		
6-21-05								Water In	ection				
Date of Test	Hours Tested	Choke Size		Prod'n For	Oil - Bbl		Gas	- MCF	Water -	ВЫ.	Gas - Oil Ratio		
1				Test Period	1						ļ		
Flow Tubing	Casing Pressure	Calculated	24-	Oil - Bbl.	Gas	MCF	ـــــ	Water - Bbl.	l Dil	Gravity - A	PI - Corr I		
Press.	1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0												
29. Disposition of	29. Disposition of Gas (Sold, used for fuel, vented, etc.)  Test Witnessed By Jackie Herron												
ļ									JUCNE	HEHOH			
30. List Attachmen	ts	<del></del>						L	•				
31 I hereby certi	ly that the informa	tion shown o	ı both s	ides of this form as	true and	complete to	o the	best of my kno	wledge a	nd belief	<del>,                                     </del>		
Ì			_	Printed	•	-			Ų ,	•			
Signature   \( \cap \)	Yorcic St	~~~~	. !		St. Gern	ain	Т	itle Product	ion Tect	1	Date 8-8-05		
l l							-			-	0 0 00		
E-mail Address	s <u>mstgermain@</u>	tmaryland.c	om										

Form 3160-4, (September 2001)

UNITED STATES 1301 W. COMMANDED DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENTS GIR, NM 82210

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

	W	ELL	COMPLE	ETION OF	RECOM!		70N F	REPOR	T AND	LOG					e Serial No State	0.		
	of Well			Gas Well		Other		- <b>57</b> 1 p	lua Daak	. П	) i er	Dague			dian, Allott	ee or Tribe h	Vame	=
в. гурс	or Compi	euon:	u.	dem Meii [	_ work Ove	• •	Deepe	in 💟 Pi	ing Back		חוע.	Kesvr.	-	7. Unit	or CA Agr	eement Nam	e and No	<b>5</b> .
2.17	-60		Other										PA	RKWA	Y DELAW	ARE UNIT		
	of Operat													3. Leas	e Name and	l Well No.		
St. Mary  3. Addr	Land & Ex	cplorati	on		<del></del>			3a. Phon	a No. (is	oludo a		anda)		U #922				_
		Rhud Su	ite 600 Hou	ston,Tx. 770	70			(281) 677	•	iciune ai	rea	cone)	9	9. API	Well No.			
					accordance	with Fe	deral re			<del></del>					074 S1			_
	•	•		•				c	-,				- 1		•	or Explorato	ry	
At si	orface 99	OFSL:	330 FWL UI	.:M											Y DELAW	, on Block a	and Surv	-
At to	p prod. int	erval re	eported below	w SAME									1	or A	SEC 36	T19S-R29E		_
	tal depth												ED	DY	ty or Parish	NM		
	e Spudde	đ		Date T.D. R	eached			16. Date C	&A	☑ Rea	dy to	Prod.	-		ations (DF,	RKB, RT, C	iL)*	
5-2-89	Depth:	MT) 5/	β-15		9. Plug Back	TD	MD 440	02	1-6-1	,	10-1	Dridge Di		9 GR				-
16. 10ta		TVD	,XXI)	1	9. Plug Back		MID 44; TVD	92		20. E	epu	Bridge Pl	ug Sei		ID VD			
. ,					ubmit copy of	each)				, v	Vas	well cored DST run?	1	M No	Yes	(Submit and	ort)	
			relation Log	ill strings set						<u></u>	Jirec	tional Surv	cy?	M No	Yes	(Submit cop	y)	
Hole Siz			Wt. (#/ft.)	Top (MD		(MD)			1		1			Cem	ent Top*	Amount	Pulled	_
17 1/2"	113	/4"	47	0	365	,		715 sx						0			_	
9 1/2"	7		23	0	3185	om (MD) Stage Cementer No. of Sks. & Slurry Vol. Cement Top* Amount Pulled Type of Cement (BBL)												
6 1/4"	4 1/	2"	10 1/2	0	500	<b>y</b>			580	sx circ	_				0			_
								<del></del>	ļ			·						
	<del> </del>										$\dashv$							-
24. Tubin	Record			L					L				L					-
Size		h Set ()	MD) Packe	T Depth (MI	)) Size	T	Depth 5	Set (MD)	Packer I	Depth (N	(D)	Size		Dent	h Set (MD)	Packer De	pth (MI	))
2 3/8"		4295			1					<u> </u>					·			_
25. Produ	ing Interv						26. Pc	rforation	Record									_
	Formatio	on		TOP	Botton	1	P	erforated l	nterval		S	ize	No. H	oles		Perf. Status		_
A) Delawa	re A & B				<del> </del>			65; 4075-40				.4				Open		
B) C)					<del></del>		4130-41	40; 4158-41	68; 4169-	4183		4			<del></del>	Open		-
D)			<del></del>		<del>                                     </del>	$\neg \uparrow$						<del></del>	···					_
27. Acid,	Fracture, T	reatme	nt, Coment S	queeze, Etc.										L				_
1	Depth Inter	val		·				At	nount an	d Type o	of M	aterial				771117777		_
1059-4065				gal 15% HCl	<del></del>										70	CEIVE	<i>J</i>	<b>-</b>
121-4168			6000	gal 15% HCl											AP	R 1 2 2005		-
·					·				<del></del>							taken I dien		-
28. Produc	tion - Inte	rval A		· · · · · · · · · · · · · · · · · · ·														_
Date First	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Wate		Oil Gravi Corr. API		Gas Gravit		Produc	tion M	ethod				
Produced		24		5	3	BBC	14	Coll. Ar		Glavit	,	Pump						
1-6-05 Choke	1-21-05 Tbg. Press.		24 Hr.	Oil	Gas	Wate		Gas: Oil		Well St	alus	Trump						- 1
Size	Figw. Si	Press	Rate	BBL	MCF	BBL	•	Ratio		L			A	JCFI	PIEDF	OR REC	ORD	Ì
Ra Produ	ction - Inte	TVal D		l		Щ.		_l		PROD	UCI	NG	-	F			7	ł
Date First	Test	Hours	Tost	Oil	Gas	Water		Oil Gravit	ly .	Gas		Product	ол Ме	thod	ADD 1	1 0000		t
Produced	Date	Tested	Producti	on BBL	MCF	BBL		Соп. АРІ		Gravity					APR 1	1 2005	1	1
Choke Size	Tbg. Press. Flwg. Sl	Cull Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL		Gas: Oil Ratio		Well S	tatus					WOBODA ENGINEE		



#### STATE OF NEW MEXICO

#### ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

GARREY CARRUTHERS
GOVERNOR

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.

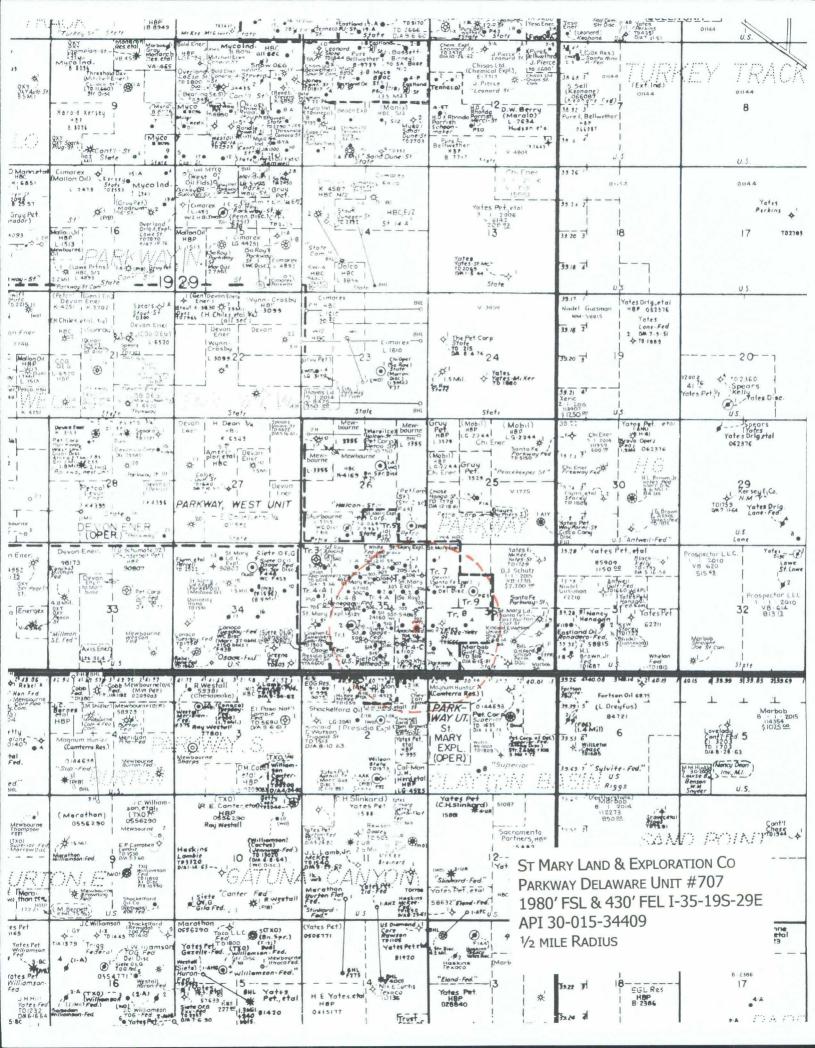
Very truly yours,

Mike Williams

Supervisor, District II

MW/cw

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



	( e · ,		•			
Submit 3 Copies To Appropriate District	State of	Now Ma	vion		Form	C-103
Office District [	Energy, Minerals					19, 2008
1625 N. French Dr., Hobbs, NM 88240	2			WELL API NO.	20.016.26160	
District II 1301 W. Grand Ave., Artesia, NM 88210	OIL CONSERV	/ATION	DIVISION	5. Indicate Type	30-015-26169	
District III 1000 Rio Brazos Rd., Aztec, NM 87410	1220 South	St. Fran	ncis Dr.	STATE	X FEE	
District IV	Santa Fe	e, NM 87	75 <b>0</b> 5	6. State Oil & G		
1220 S. St. Francis Dr., Santa Fe, NM 87505				•		
<b>I</b>	ICES AND REPORTS OF			7. Lease Name	or Unit Agreement	Name
(DO NOT USE THIS FORM FOR PROPO DIFFERENT RESERVOIR, USE "APPLI				Agave "IK" State	e	
PROPOSALS.)	`	-		8. Well Number	001	
1. Type of Well: Oil Well X	Gas Well Other Cu	теңиушд	O'LIVLD	9. OGRID Num		
2. Name of Operator St. Mary Lan	nd & Exploration Co.	0.0	T 21 2009		154903	
3. Address of Operator 3300 N. A	Street, Bldg, 7, Ste. 200			10. Pool name o		
	TX 79705	NMO	CD ARTESIA	Parkway; Delawa	are	
4. Well Location					de a TYZana	1:
Unit Letter C: Section 2	feet from the		line and 231		om the West  County Eddy	line
Section 2	Township 20:		inge 29E.	NMPM	County Eddy	
	3327' GR	cinei Diç,	, MD, N1, ON, GC.,			
NOTICE OF IN PERFORM REMEDIAL WORK TEMPORARILY ABANDON DULL OR ALTER CASING DOWNHOLE COMMINGLE	ITENTION TO: PLUG AND ABANDON CHANGE PLANS MULTIPLE COMPL		SUBS REMEDIAL WORK COMMENCE DRII CASING/CEMENT	LLING OPNS.	EPORT OF: ALTERING CASI PAND A	NG []
OTHER:		П	OTHER: Renew T	A Status		ſΧ
<ol> <li>Describe proposed or comp of starting any proposed we or recompletion.</li> </ol>			pertinent details, and	give pertinent da		
St. Mary Land & Exploration rec well or perimeter injection for the witnessed and sent in for record.	e Parkway Delaware Unit.	Upon ap	proval/extension of	TA status a MIT	test will be schedul	source ed,
DENIED. W	EU HAS NO	KEPOR	TED PROPULT	ron Since	IT WAS	•
SPUDDA IN	1989. WELL	mus	T BE PUT	70 BENET	FICHER USE	•
of PSI						
04 10.	PI 10/21/09					
	10/21/09					
Spud Date:	RigR	elease Da	ite:			
· L			,			
I hereby certify that the information	above is true and complete	e to the be	est of my knowledge	and belief.		
10						
SIGNATURE AYDIMA) COM	ddletm TITL	E Produc	ction Tech	D	ATE 09/29/2009	

Type or print name Donna Huddleston E-mail address: dhuddleston@stmaryland.com 'PHONE: (432)688-1789

DATE

TITLE

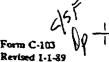
For State Use Only

APPROVED BY:
Conditions of Approval (if any):

Operator	n. 115	A Inc.	Leage	asse.	TK	"State	Well #	1 1					
Location of Well	Unit C	Section 2	J	Townsh	iρ	Range 29	County	ddu					
Drilling Contractor	NYK	,			ol Ei	quipment		0					
* Witness		APPROV	ED CASI	NG PRO	GRAM	·							
Size of Hole		of Casing		t Pero	New	or Used	Depth 450	Sacks Cement 700					
17/2		13 3/8	4	8			1155	800					
1274	*	8 5/8	3	2			3800	1000					
77/8		5/2	1.4	5.5			5000	300					
Casing Data:			<del></del>										
Surface	joints	of 85/8" i	nch_32	# (	Grade	e K.55							
	Surface joints of 81/8" inch 32 # Grade K-55  Approved (Rejected)												
Inspected by		M.S.					9-7-8	٩					
Cementing Pr	ogram												
Size of hole	121/4"	Size of C	asing <b>S</b>	5/8" S	ecks	coment	required						
Type of Shoe	used qu	ide Float c	ollar u	sed ve	s!	3tm 3 jts	s welded	yes					
TD of hole 3	<u>670 </u> S	et <b>3690'</b> Fee	t of 85	Inch	32	F Grade_	K-55	, 					
New used csg	. @ <u>7676</u>	with 300	3 290cc 5 8	cks ne	ละ c	ament are	ound sho	е					
+ 1300 sa	x <u> </u>	· (M) (M)	additiv	es_ <u>(6</u>	20 ge	1, 2 % cc	<u>. )</u>						
Plug down @			and the second s	1		r k s	- 0 -						
Cement circu Cemented by						by mik		اماركالم					
Temp. Survey								-					
Casing test (					<u></u>								
Method Used_					ssed								
Checked for													
Method used_			·	Witne	ssed								
Remarks:													
	-												
•													
20 centralizers	every	joint off 1	allom.										

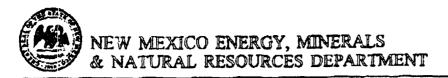
# Submit 3 Copies to Appropriate District Office

### State of New Mexico Energy, Minerals and Natural Resources Department



Revised 1-1-89 District Office DISTRICTI OIL CONSERVATION DIVISION P.O. Box 1980, Hobbs, NM 88240 WELL API NO. P.O. Box 2086 CEIVED 30-015-26169 Santa Fe, New Mexico 87504-2088 P.O. Drawer DD. Anesia, NM 88210 5. Indicate Type of Lease STATE FEE [ SEP -8 79 1000 Rio Brazos Rd., Aztec, NM 87410 6. State Oil & Gas Lease No. SUNDRY NOTICES AND REPORTS ON WELLS C. L ( DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN CA PLOTO A 7. Lease Name or Unit Agreement Name DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) 1. Type of Well: Agave IK State WELL Y OTHER 2. Name of Operator Chevron U.S.A. Inc. & Well No. 3. Address of Operator 9. Pool name or Wildcat Parkway Delaware P.O. Box o Box 670 Hobbs NM 88240 west 2310 330 Feet From The north Line and Feet From The Line Eddv 29E **20S** Township Range **NMPM** County 10. Elevation (Show whether DF, RKB, RT, GR, etc.) Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data 11. NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK ALTERING CASING **TEMPORARILY ABANDON CHANGE PLANS** PLUG AND ABANDONMEN COMMENCE DRILLING OPNS. **PULL OR ALTER CASING** CASING TEST AND CEMENT JOB OTHER: OTHER: 12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103. Spud 26" hole 8/30/89. Drilling & surveying to 452'. TD 26" hole 8/31/89. Run 11 jts. of 20" csg. 94# H-40 set @ 450'.W/Texas pattern shoe. Cemented W/ 1125sx Class C. Circ 350sx to surface. Cut of And weld on wellhead. "NOCofor 18 hrs. 9/2/89 Drlg 17 1/2" hole. Drlg. and survey to 1159'. TD 17 1/2" hole 9/2/89. Ran 26 jts. 13 3/8" 48# H-40 FC @ 1068' Cement W/900 sx of Class C Tail cmt 450 sx Class C Circ. 300sx..Cut 20" weld on 13 3/8" head.. WOC 18 hrs. I hereby eartly that the information above is true and complete to the best of my knowledge and belief. Staff Drlg. Engr. 9/7/89 TOWATURE . RTAC 393-4121 M.E. Akins TYPE OR PRINT NAME TELEPHONE NO. (This spece for State Use) ORIGINAL SIGNED BY SEP MIKE WILLIAMS 8 1989 SUPERVISOR DISTRICT IS APPROVED BY -

CONDITIONS OF APPROVAL, IF ANY:



OIL CONSERVATION DIVISION DISTRICT II ARTESIA 811 S. FIRST ST. ARTESIA, NM 88210 (505) 748-1283 FAX (505) 748-9726

Jennifer A. Salisbury CABINET SECRETARY

5-24-99

A 1

CHEVRON USA INC. P.O. BOX 670 HOBBS, NEW MEXICO 88240

RE: 30-015-26170 A-2-20-29 CHEVRON USA INC. AGAVE "IK" STATE #2

ATT: CHEVRON USA INC.,

WE HAVE NEVER RECEIVED ANY SUBSEQUENT REPORTS OR LOGS CONCERNING THE ABOVE MENTIONED WELL. PLEASE REVIEW YOUR FILES AND UPDATE US ON ALL REQUIRED REPORTS ON THIS WELL AS SOON AS POSSIBLE.

SINCERELY, mends welline MIKE STUBBLEFIELD FIELD REP. 2 N.M.O.C.D.

Operator	n US	A Inc.	Legge	ove "I	K".×	State	Well #	2
Location of Well	Unit A	Section 2		Townshi	p	Range 29	County	ldu
Drilling Contractor	NΥ	К		Type o	l Equ	•		
* Witne	rs	APPROV	ED CAS	ING PROG	RAM			
Size of Hole	1 .	of Casing	Weigl 9	t Per	New o	r Used	Depth 450	Sacks Cement 700
17/2		13 3/8	4	8			1155	800
1214	*	8 5/8	3	2	:		3800	1000
7 7/8		51/2	14	5.5			5000	300
Casing Data:	,							
Surface	joints	of 22/2 i	nch_3	2 # G	rade_	Ki	5	
	·	(Approv	(Red) (Re	ejected)				
Inspected by	mire	51.16	<u>id .</u>	· · ·		date	7/2/20	
Cementing Pro	gram							
Size of hole	1574	Size of C	Casing_	Sa Sa	cks c	ement	required	1400 ch =
Type of Shoe	used_/	<u>"od </u> Float c	ollar ı	ised	:Bt	m 3 jts	welded	1.
TD of hole								
New-used csg.	@	with	) S 8	ocks nea	t com	ent are	ound sho	
+sax	<u>حملک</u> ،		additiv	/es <u>?*/</u>			<u> </u>	
Plug down @	6.00	(AM) (PM)	Date_	<u>, -:}/₹5</u> /	24	·		
Cement circu]	lated	130		No. of	Sack	5		
Cemented by	$V_{i,j+n}$	- 1734		Witnes	sed b	y <u>i</u> _	50 5 1 1	iliones .
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Casing test @	)	(ANI) (F	M) Dat	e				
Method Used				Witnes	sed b	<u>y</u>		
Checked for s								
Method used				Witnes	seci li	У		
Remarks:								
15 200								
								-
			<del></del>	<del></del>	<del></del> .			

Submit 3 Copies To	o Appropriate District	State of l	New Me	xico		Form C-103
District 1		Energy, Minerals	and Natur	ral Resources	WELL ADVANCE	May 27, 2004
1625 N. French Dr District II	, Hobbs, NM 88240			'a research	WELL API NO. 30-015-2543	
1301 W. Grand Av	e., Artesia, NM 88210	OIL CONSERV			5. Indicate Type	
District III 1000 Rto Brazos R	d , Aztec, NM 87410	1220 South			STATE	FEE 🗌
District IV		Santa Fe	e, NM 87	505	6. State Oil & G	as Lease No.
1220 S. St. Francis 87505	Dr., Santa Fe, NM			$\mathcal{O}_{\lambda}$	LG-4525	
DIFFERENT RES	IIS FORM FOR PROP	TICES AND REPORTS ON OSALS TO DRILL OR TO DEEF ICATION FOR PERMIT" (FORM	PEN OR PLU	JG BACK TO A	7. Lease Name o Parkway Del	r Unit Agreement Name aware Unit
PROPOSALS)  1. Type of We	II: Oil Well	Gas Well  Other X	Water Ini	ector	8. Well Number	PDU #601
2. Name of Op					9. OGRID Numb	per
	nd & Exploration	Company	- <del></del>		154903	
3. Address of		1000 11	OCT	1 5 2007	10. Pool name or	•
		te 1000, Houston, TX 7707	/9 <del></del>	-ARTESIA	Parkway Del	aware Unit
4. Well Locati						
Unit L		: 330 feet from the				om the <u>East</u> line
Sectio	n 2			Range 28E	NMPM	County Eddy
		11. Elevation (Show wh 3327' RK		RKB, RT, GR, etc.,		
Pit or Below-grade	Tank Application		ъ		97464-X	<b>*</b> -10
Pit type_		water Distance from nea	arest fresh w	ater well Dis	tance from nearest sur	face water
Pit Liner Thicknes				bbls; Co		
THE SHOP THE CAMES						
	12. Cneck	Appropriate Box to In	dicate N	ature of Notice,	Report or Other	Data
	NOTICE OF I	NTENTION TO:		SUB	SEQUENT RE	PORT OF:
PERFORM RE	MEDIAL WORK	PLUG AND ABANDON	ı 🗆	REMEDIAL WOR		ALTERING CASING
TEMPORARIL'		_		COMMENCE DR	_	P AND A
PULL OR ALTE	ER CASING [	MULTIPLE COMPL		CASING/CEMEN	T JOB 🔲	
OTHER:				OTHER:		П
	pe proposed or con	pleted operations. (Clearly	y state all		d give pertinent dat	tes, including estimated date
of start						ram of proposed completion
9/26/07	Rig up, NU BOF	, release packer and pull tu	ibing to re	pair tubing x casing	g pressure communi	cation.
9/27/07		ter, pick up packer and run Wait on new test tools.	tubing in	hole, testing to 250	0 psi. On seventh j	oint, could not get test tools
0.10.0.10						
9/28/07		: Hydrotester, pick up 5 ½" abing testing to 2500 psi. P				I with 133 joints 2 3/8" 4.7# ' MD w/10 000# tension
		P, install wellhead, conduc				
	• •			•	•	,
,						
I hereby certify	that the informatio	n above is true and comple	te to the b	est of my knowledg	ge and belief. I furt	ner certify that any pit or below-
		or closed according to NMOCD	guidelines [	], a general permit [	or an (attached) alter	native OCD-approved plan 🔲.
SIGNATURE_	Eur W. St	Parlue	TITLE_S	sv. Staff Eng	ineer	DATE 10/10/07
Type or print na	me Eric W. Ska	ilure /	E-mail add	dress: eskaalure@s	stmaryland.com 7	Telephone No. 281-677-2781
For State Lies (	Dalu /	<b>Z</b> .		Gerry Guye	A STATE OF THE STA	
	New	1 July		Compliance (	Officer	OCT 1 K 2001
APPROVED BY	y: Serve pproval (if any):	<u>/ /                                  </u>	_TITLE	Compilation	,	OCT 1 5 2007
Committee of A	Phiotor (ir any)					

#### State of New Mexico Energy, Minerals and Natural Resources Department

را	SWE
Form C-105 Revised 1-1-89	20 miles

Submit to A, proprinte
Discret Office
State Lease -- 6 copies
Fee Lease -- 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

# OIL CONSERVATION DIVISION P.O. Box 2088

Santa Fe, New Mexico 8760 29080

WELL API	NO.	_
	30-015-2643	

		30-	015-26433	1
5.	Indicate	Туре	of Lease	

STATE X FEE [

DISTRICT II P.O. Drawer DD, Artesia, NM 88210

DISTRICT III 1000 Rio Brazos Rd., Az	nec, NM 87410		_	6. State Oil & Gas Lease No. LG-4525								
WELLO	OMPLETION		COMPLE	TION DE	ORT	ASER 14	4-9	)			//////	
la. Type of Well:	OMPLETION	UN NE	COMPLE	TION NEI	OAT .	AND L	<del>50</del>	<u>-</u>	7. Lease Name	or Unit A	preement N	ame
OIL WELL X	GAS WELL		DRY 🗌	OTHER		<b>_0</b> _1	C. D.				<b>.</b>	
						ARTES!	, OFFI	CE			_	a. I
b. Type of Completion:  NEW - WORK		PLUG		DEFF			-,				D	()V (
WELL XX OVER	DEEPEN [	BACK		RESVR OT	HER				Flathe	ad Sta	ite (	
2. Name of Operator									8. Well No.		<u> </u>	<del>200</del>
Siete Oil ar	ad Can Corr	arati	on /							1	4	
3. Address of Operator	id Gas Corp	OLACI	.011 0	<del></del>					9. Pool name	_	······································	·
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POB 2523, Ro 4. Well Location	oswell, NM	8820	2-2523					<u> </u>	Parkway	Derawa	ire	
l .								1656	,		<b>57</b> 1	
Unit Letter	B : 330	Feet	From The	Nor	th_	Line	_ bas	1650	Feet Fr	om The _	East	Line
	_											į
Section	2	Tow	nship -	20S	Range		29E	NN	/IPM	Eddy		County
	11. Date T.D. Reac	ned	12. Date C	ompl. (Ready s	o Prod.)	1	3. Elevi		& RKB, RT, GF	R, etc.)	14. Elev. (	Casinghead
7/26/90	8/6/90		,	8/23/90				332	20' GR		3327	7'
15. Total Depth	16. Plug Ba	± T.D.	<u> </u>	17. If Multiple	Compt.	How	18.	Intervals	Rotary Tools	J	Cable To	ols
4500'	4455			Many Zoo	cs?			Drilled By	X			
19. Producing Interval(s),	of this completion	- Ton Be	ottom Name		<del> </del>				12	0 Was Din	ectional Su	rvev Made
4118'-4146'	w/l4 perfs	. De	laware						-	O	No	1.20
<u></u>									1			
21. Type Electric and Oth CNL-LDT-GR-(		MSFT.	EPT						22. Was We	l Cored	No	-
23.	Curry, Dill,	TIOI D							<u> </u>			
23.		CA	SING R	ECORD	(Repo	rt all s	trings	set in v	well)			-
CASING SIZE	WEIGHT L			'H SET		OLE SIZ			MENTING RI	CORD	AM	OUNT PULLED
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13 3/8"	54.5#			50'		7 1/2	,		SXS	W/ 120	3/3/	
8 5/8"		11				$\frac{1}{2}$ $\frac{1}{4}$		1100				
5 1/2"	32# & 24	L.E.		00'						<del></del>		
3 1/2	15.5#		45	00'		7 7/8		600	SXS			
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SIZE	TOP			<del>7</del>				<u></u>				
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D-famile	1.70			<u> </u>		T	A (711)	CITOT	ED A CHE ID I		VIII 601	EDGE FOO
26. Perforation reco	-		umber)									EEZE, ETC.
4118'-4146'	- 14 perfs	3				DEP	HINI	ERVAL	AMOU	AL AND K	IND MATI	ERIAL USED
						411	3'-41	46'	1			17000 gal
												nesh. 23300
				DDODI	CTT C	N.I	<del></del>	<del></del>	20/40.	8300#	12/20	RCS
28. Date First Production		Daniel III	- Mash ad //	PRODU Towing, gas li				1		382-11 Cs	/D d	an Chan in )
8/23/90	1	Producak	BE INTERDIOR (1	160 Mar		ug - sue	ини гурс	: puny)			roduci:	or Shid-in)
Date of Test	Hours Tested		hoke Size	Prod'n Fo		Oil - Вы.		Gas - M	(TE 11	ater - Bbl.		Gas - Oil Ratio
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							1.00					
Flow Tubing Press.	Casing Pressure		niculated 24 our Rate				MCF		iter - Bbl.	Oil Gr	evity - API	- (Corr.)
N/A	N/A			52		30	(est	- /   -	128		38.0	
29. Disposition of Gas (So				_			_		3	tnessed By		
Vented - Per	nding gas o	contra	act w/D	elaware	Natu:	ral G	as Co	· .		Jim Ika	ard	
30. List Attachments	· · · · · · · · · · · · · · · · · · ·		. ,									
Deviation S	urveys & Lo	ogs										
31. I hereby certify that	the information .	hown o	n both side:	of this form	is true	and com	piese sc	the best	of my knowle	dge and b	elief	
<b>/</b> 1				<b>.</b>					<b>\</b>			. )
	11/2015	e fi	_	Printed Name	allia.	4 450	n !	The s	10-10-	Tanh	D	1/2/19/1
Signature		V V I		Maine 77	그디스	1		111	ucuri, la	77.7	Dai	-1/

(November 1983) (November 1983) (Formerly 9–331)  UNITED SIAIES SUBMIT IN TRIPLICATES (Other Instructio on re- part of the INTERIOR verse aide)  BUREAU OF LAND MANAGEMENT	Expires August 31, 1985 5. LEASE DESIGNATION AND SHRIAL NO. NM24160
SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  Use "APPLICATION FOR PERMIT" for such proposals.)	6. IP INDIAN, ALLOTTEE OR TRIZE NAME
OIL WELL OTHER	Parkway Delaware Unit
2. NAME OF OPERATOR	8. PARM OR LEADE NAME
St. Mary Land & Exploration c/o Nance Petroleum	
S. ADDRESS OF OFFICE DAILINGS MT. COLOR	B. WELL NO.
P. O. Box 7168 - Billings, MT 59103  4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*	504  10. FIELD AND POOL, OR WILDCAT
See also space 17 below.) At surface	Parkway Delaware
<u> </u>	11. SHC., T., R., M., OR MAX. AND SURVEY OR AREA
660' FSL & 1980' FWL Unit Letter N	
14. PERMIT NO.   15. BLEVATIONS (Show whether DF. HT. OR. SIC.)	Sec. 35; T19S;R29E
30-015-26028 3324 KB	Eddy NM
16. Chall A annier Da Talleira Natura (Natura Da La Col	L B
Check Appropriate box to indicate Native of Notice, Report, of On	
	T REPORT OF:
TEST WATER SHUT-OFF PULL OB ALTER CASING WATER SHUT-OFF FRACTURE TREAT MULTIPLE COMPLETE FRACTURE TREATMENT X	ALTERING CASING X
SHOOT OR ACIDING OR ACIDIZING	ATHEM HOOMAGA
REPAIR WILL CHANGE PLANS (Other)	
(Other) (Nors: Report results of Completion or Recompleti	multiple completion on Well ion Report and Log form.)
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, in proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical ment to this work.)	riuding estimated date of starting any depths for all markers and zones perti-
1/20/00-2/07/00 MIRU WSU. Set 5 1/2" CIBP @ 4345'. Dump bail casing intervals suspected of having leaks with Pkr-RBP and swab to Determined remedial squeeze prior to running liner was not necessal L-80 FJ liner from 4328' to surface. Cement in two stages with 12 out cement & DV tool at 2932' to PBTD at 4297'. Run CBL. Perform 4198-4208' with 6 spf (60 holes). Acidize with 1000g 7.5% HCL. Fortawa and 26,000# resin coated 20/40 ottawa sand. Clean out and	to determine inflow.  Ary. Ran 4" 10.46#  20 sx Class "C". Drill  Ate Delaware "C" zone  Frac with 36,000# 20/40
2/16/00 Tested 19 BO + 160 BW + 48 MCFG.	
April w	PETER ALCHESTER
Con ESIA STATE TO BUREA	MAR 28 2900  LOF LAND MANAGEMENT WELL RESOURCE AREA
8. I hereby certify that the foregoing is true and correct  SIGNED How That I Don't The Operations Engineer	3/16/00
(This space for Federal or State office use)  APPROVED BY	DATE

### Bill Flichardson

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' FSL, 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

DMPANY St. Mary Land & Exploration Company Parkway Delaware Unit #206 Parkway Delaware Parkway Delaware Unit #206 **Platform Express** Exploration Schlumberger Three Detector Litho-Densit Compensated Neutron / GR KB. 3328 ft 1000' FNL & 2452' FEL GL. 3316 ft DF. 3327 ft **Gound Level** Permanent Datum: Elev.: 3316 ft ಸ Kelly Bushing 12.0 ft above Perm. Datum Log Measured From: Drilling Measured From: Kelly Bushing API Serial No. Section Township Range 30-015-34128 35 198 29E Logging Date 14-Nov-2005 **RunNumber** One Depth Driller 4600 ft Schlumberger Depth 4568 ft Bottom Log Interval 4566 ft TopLog Interval 200 ft Casing Driller Size @ Depth 7.000 in @ 3214 ft Cashg Schlumberger 3217 ft Bit Size 6.125 in Type Fluid in Hole Brine. Dessity Viscosity 9 lbm/gal 40 s Fluid Loss 15 cm3 10 Source Of Sample Circulation Tank RM @ Measured Temperature 0.205 ohm.m 60 degF @ @ RMF @ Measured Temperature 0.205 ohm.m @ 60 degF @ RMC @ Measured Temperature @ @ Source RMF RMC Measured RM @ MRT RMF @ MRT 0.140 @ 91 0.140 @ 91 Maximum Recorded Temperatures 91 degF Circulation Stopped 13-Nov-2005 Time 22:30 Logger On Bottom Time 14-Nov-2005 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

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	<b>e</b>	y FEL	Parkway Delaware Unit #513	Exploration Co.			chlu	nber	<b>99</b> p	T	atform hree D omper	etecto	r Lit		•
	Parkway Delaware	1700' FSL & 2630' FEL	ray Delawa	St. Mary Land &	LOCATION	170	0' FSL & 2	630 <sup>,</sup> FEL		,		Elev.:	K.B. G.L. D.F.	3327 ft 3313 ft 3326 ft	
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J	E C	17	ç	め	9	Log	Measure	f From:	Kel	y Bushir	10	14.0 ft	abov	e Perm. Da	atum
8		-		Ë			ing Meas			y Bushir					
County	Flekd:	Location:	Well:	Company:			API S	orial No. 5-33714		1	ection 35	Towns		Rar 29	
	Logg							13-Apr	-2005						
	Run Number							One							
	Depth Driller							4717 ft							
	Schlumberger Depth						4725 ft								
	Botto				val			4707 ft							
	Top L						<del></del>	200 ft							
						Dep	oth	7.000 i		@	3195 ft			@	
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Σ	Sour			amp		· · · · · ·		Circula	tion Tank						
						npera	ture	0.142		@	71 degF			@	
							rature	0.142		@	71 degF			@	
							rature			@				@	
	Sourc					MC		Measu	red						
	RM @	MF	रा	T	R	MF@	MRT	0.117	@ 88	0.117	@ 88	(	D)	(	@
	Maximum Recorded Temperatures					eratures	88 dec	;F							
	Circul	atio	n Sto	opp	ed		Time	12-Apr	-2005		6:00				
Logger On Bottom Time								13-Apr	2005		03:00				
Unit Number Location						Loca	ation	3178	Roswe						
_	Recorded By								ee Burdic	k					
<u> </u>	Vitne	SSec	ј Ву					Bob Ly	nn						الــــــا

