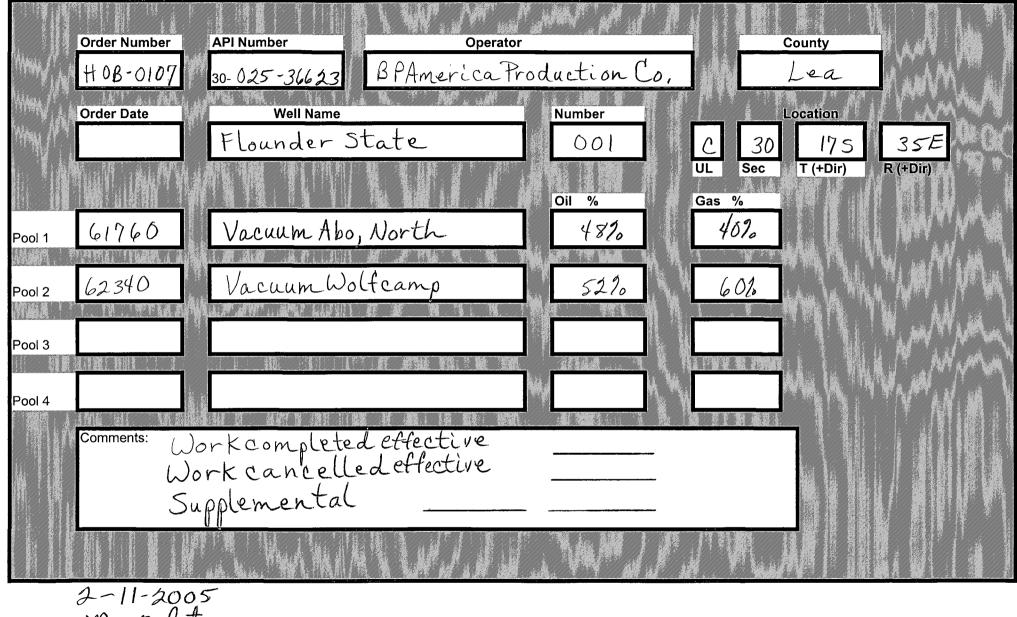
PNRM0504154574

C-103 Received 11-22-2004 DHC No, Assigned 2-10-05 _



Pasted to RBDMS /

	DOWNHOLE COMMINGLE CALCULATIONS		
	OPERATOR: BP America Production	on Co, HOB-	0107
	PROPERTY NAME: Flounder State		
	WNULSTR: 1-C, 30-17-35		
	SECTION I: POOL NO. 1_ Vacuum Abo, North		AMOUNT 7 <u>10_</u> MCF <u>2000</u>
62340	POOL NO. 2 Vacuum Wolfcamp	355 1	7 <u>10</u> MCF 2000
	POOL NO. 3		MCF
	POOL NO. 4 POOL 7	OTALS <u>10</u> Ι <u>4</u>	MCF
بر	SECTION II: POOL NO. 1 Vacuum Abo, North	0:L 4810	Gas 402,
	POOL NO. 2 Vacuum Abo, North POOL NO. 2 Vacuum Wolfcamp	5270X7	10=369,20 60%
	POOL NO. 3		
	POOL NO. 4		
	$\frac{OIL}{355 + 522} = 682.69(683)$	GAS	
	SECTION IV:		
	· ·		

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sb-10-2005 11:41am From-BP REG	ULATORY	281 366 7688	T-205 P.002/002	
Othice	State of them MR			rom C-103
District I 1625 N. French Dr., Hobbs, NM 88240	Energy, Minerals and Nati	iral Resources	WELL API NO.	Мау 27, 2004
District II 1301 W. Grand Ave., Artesia, NM 88210	OIL CONSERVATION	DIVISIÓN	30-025-36623	
District III	1220 South St. Fra		5. Indicate Type of Lease	
1000 Rio Brazos Rd., Aztec, NM 87410 Distoculy	Santa Fe, NM 8		6. State Oil & Gas Lease N	FEE
1220 S. St. Francis Dr., Santa Fe, NM 87505	Dunie 1 0, 1 111 0		0. State Off & Gas Lease I	
SUNDRY NOTI	CES AND REPORTS ON WELLS		7. Lease Name or Unit Ag	reement Name
(DO NOT USE THIS FORM FOR PROPOS DIFFERENT RESERVOIR, USE "APPLIC PROPOSALS.)			Flounder State	
· · · · · · · · · · · · · · · · · · ·	Gas Well 🔲 Other		8. Well Number 1	
2. Name of Operator			9. OGRID Number	
BP America Production Company	· · · · · · · · · · · · · · · · · · ·		000778 10. Pool name or Wildcat	
 Address of Operator O. Box 3092 Houston, Texas 	77253		Vacuum; Abo North (6176	0)
4. Well Location			VACUUM, WOLJEAMI	
	: 480 feet from the	north lim	c and 1980 fe	• •
west line	=feet from the	normm	c and196016	et from the
Section 30	Township 17S Rai	nge 35E	NMPM Cour	nty Lea
	11. Elevation (Show whether DR			
ng bana sa katala sa Katala katala sa kata	,	, , , • , • • • • •		
tor Below-grade Tank Application 🔲 or	Closure			
t typeDepth to Groundwa	terDistance from nearest fresh v	vater well Dista	ance from nearest surface water	
t Liner Thickness: mil	Below-Grade Tank: Volume	bbls; Co	nstruction Material	
12. Check A	ppropriate Box to Indicate N	ature of Notice.	Report or Other Data	
			-	_
NOTICE OF IN			SEQUENT REPORT	
		REMEDIAL WORK		
	CHANGE PLANS	COMMENCE DRIL CASING/CEMENT		
		on lon to, o Emetti		
OTHER:		OTHER:		×
	eted operations. (Clearly state all p			
or recompletion.	rk). SEE RULE 1103. For Multip	ie Completions: Att	ach wellbore diagram of proj	posed completion
P America Production Company we	ould like to allocate 48% of the oil	production to the Va	acuum: Abo North (61760) a	nd 52% of
oduction to the Vacuum; Wolfcam				
2340). Gas allocation is 40% Vacu	um; Abo North (61760) and 60% \	/acuum; Wolfcamp ((62340)	-
orkover Operations				
14/05 – Pump 60 bbls 2% KCL fres g. Tally out w/48 jts tbg. Rig up at			P. Pick up 2 jts 2-7/8" tbg tu	in down 45' and
17/05 - Kill casing w/30 bbl 2% K			sg w/70 bbls 2% KCL FW. J	POH w/50 its.
AC 1 jt IPC tbg.SN, perf sub & 1 jt				
7/8" IPC, TAC & 112 jts 2-7/8" L-			-	
18/05 - Kill csg w/50 bbl 2% KCL 19/05 - Release to production	water; Bottom mud anchor @ 101	62' NDBOP. Set T.	AC @ 10038' SN @ 10073.	
hereby certify that the information	shove is true and complete to the h	est of my knowledge	e and helief I further cortify th	aut any nit or helow-
de tank has been/will be constructed or o	losed according to NMOCD guidelines [], a general permit [] e	or an (attached) alternative OCD-	approved plan [].
)HC. Order No.	HOB= 0107			
		Λ	\sim	
H			~~~~	11-
GNATURE Mercal	seph TITLEL	ermitting	<u>77-7</u> . DATE	2/9/05
The second		<i>D</i>	V	. / '
pe or print name US AVERY or State Use Only	AL VOSEPHE-mail ad	idress:	Telephone N	1-366-4
	-			1-2
PROVED BY;	TITLEPE	TROLEUM ENGI	NFFR DATE	
nditions of Approval (if any):				
				COOT
			FEB 1 0	ZUU5

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Submit 3 Copies To Appropriate District	State of Ne	w Mexico				Form	C-103
Office	Energy, Minerals and	Natural Reso	ources		-	Revised March	25, 1999
District J 1625 N. French Dr., Hobbs, NM 87240				WELL AP			
District II	OIL CONSERVA		SION	1	30-025-3662	23	
11 South First, Artesia, NM 87210	OIL CONSERVA		SION		Type of Lea		
District III	2040 Sout				· ·	_	
1000 Rio Brazos Rd., Aztec, NM 87410 District IV	Santa Fe, 1	NM 87505		STA	TE k	FEE	
2040 South Pacheco, Santa Fe, NM 87505				6. State O	il & Gas Leas	e No.	
			<u> </u>			····	
	CES AND REPORTS ON			7. Lease N	lame or Unit .	Agreement Na	me:
(DO NOT USE THIS FORM FOR PROP							
DIFFERENT RESERVOIR. USE "APPLI PROPOSALS.)	CATION FOR PERMIT (FOR	WC-101) FOR 3					
1. Type of Well:				State Flo	under 🖓		
Oil Well 🕱 Gas Well	Other						
2. Name of Operator			<u></u>	8. Well N			
•				1	0.		
BP America Production Compar				<u>1</u>			
3. Address of Operator				1	me or Wildca		
P.O. Box 3092 Houston, Tex	<u>as 77253</u>				bo, North		
4. Well Location				VACUUM;	NOLJCAM	P 62340	
Unit Letter <u>c</u> :	480 feet from the	north	line and	1980	feet from the	west	line
					leet nom the		— ^{me}
Section 30	Township 17	s Range	35E	NMPM	Co	ounty Le	æ
	10. Elevation (Show wh	ether DR, RK	B, RT, GR, e	tc.)			
	8	3987'GR					
11. Check	Appropriate Box to Inc	licate _l Nature	e of Notice.	, Report, o	r Other Dat	a	
NOTICE OF INT	ENTION TO:		SUE	BSEQUEN	IT REPOR	RT OF:	
PERFORM REMEDIAL WORK	PLUG AND ABANDON		DIAL WORK		التربين مساليه المتعان والماتين	TERING CAS	ING
				10,02			
TEMPORARILY ABANDON	CHANGE PLANS	СОММ	ENCE DRILL	ING OPNS.	🖾 PL	UG AND	
				11	AE AE	BANDONMEN	Г
FULL OR ALTER CASING	MULTIPLE		G TEST AND	123	وي ۾ اندا ج		
	COMPLETION		NT JOB		E it	e d	
OTHER: DOWN HOLE COMMINGLING			J.		کمی المت	<u>, ' ' i</u>	
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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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

On 3/3/04, BP America Production Company submnitted an application for permit to drill subject well. The permit was approved on 3/3/04. It is now our intent to complete the subject well into the Vacuum; Wolfcamp, produce the well in order to establish a production rate, isolate the zone, then add the Vacuum; Abo North and commingle production downhole. BP respectfully requests NMOCD approval to downhole commingle production in the subject well as per the attached procedure. The Vacuum; Wolfcamp (62340) and the Vacuum; Abo, North (61760) Pools are pre-approved for downhole commingling per NMOCD Order R-11363. The working interest owners and royalty owners are identical in both the Abo and Wolfcamp sands, therefore no notification is required. Production is proposed to be allocated based on a fixed percentage. The 24 hr. deliverability test on the Vacuum; Wolfcamp, shows production of 8 bbls oil/103 bbls water/18 mcf gas. The Vacuum; Abo, North shows production of 17 oil/17 water/18 mcf gas which was subtracted from the total well stream. The deliverability test was performed on the combined zones to establish the rate of 25 bbls oil/120 bbls water and 36msf of gas. ormation above is true and complete to the best of my knowledge and belief. I hereby certify that the inf

SIGNATURE Nervel asight TITLE Permitting Representative	•DATE_	11/4/2004
ype or print name Sheryal Joseph	Telephone No.	281 366-4493
(This space for State use) PETROLEUM ENGINEER		
APPROVED BY	DATE) - 0 /21 215

Jan-24-2005 10:38am From-BP	REGULATORY	281 366 7688	T-187	P 002/002 F-358	
Submit 3 Copies To Appropriate District Office District I	State of New I Energy, Minerals and Na			Form C-1 Revised March 25, 19	
1625 N. French Dr., Hobbs, NM 87240 District II 811 South First, Artesia, NM 87210 District III 1000 Rio Brazos Rd., Aztee, NM 87410 District IV	OIL CONSERVATE 2040 South P Santa Fe, NM	acheco	5. Indicate Type STATE	x FEE	
(DO NOT USE THIS FORM FOR PRO DIFFERENT RESERVOIR. USE "APP PROPOSALS.) 1. Type of Well:	TICES AND REPORTS ON W OPOSALS TO DRILL OR TO DEEPE PLICATION FOR PERMIT" (FORM C	N OR PLUG BACK TO A	 State Oil & Ga Lease Name o State Flounder 	r Unit Agreement Name:	
Oil Well x Gas Well 2. Name of Operator BP America Production Com			8. Well No.		
3. Address of Operator	Техан 77253		9. Pool name or Vacuum; Abo, No VACUUM; WOLD	rth 61760	
Unit Letter <u> </u>	480 feet from the	corth line and	,		ne
Section 30	Township 175 10. Elevation (Show wheth	Range 35E er DR, RKB, RT, GR, et 3987' GR	NMPM c.)	County Lea	
	Appropriate Box to Indica	1	- ·		
NOTICE OF IN PERFORM REMEDIAL WORK	ITENTION TO:			PORT OF:] ALTERING CASING	
	CHANGE PLANS			PLUG AND ABANDONMENT	
ULL OR ALTER CASING		CASING TEST AND		1	
OTHER:					x

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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

This well has not produced continuously since completion. At this time 100% production is assigned to the ABO. We are currently performing a well workover. BP would like to request a 30-day continuous operations before assigning a %.

I hereby certify that the informati	ion above is true and complete to the	best of my knowledge and belief.		
SIGNATURE herry	al Joseph	TITLE_Permitting_Representative	DATE _	1/24/05
Type or print name Shervel			Telephone No.	281-366-4493
is space for State use)	OBIGINAL SIGNED BY			
APPROVED BY Conditions of approval, if any	PAUL F. KAUTZ	TITLE	DATE	JAN 24 2005

District I 1625 N. French Dr , Hobbs, NM 88240 District II 1301 W Grand Ave., Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 strict IV 220 S. St Francis Dr., Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Name	Pool Code
30-025-36623	VACUUM;WOLFCAMP	62340
Property Code	Property Name	Well No
33559	State Flounder	001
OGRID No	Operator Name	Elevation
778	BP AMERICA PRODUCTION COMPANY	3987

Surface And Bottom Hole Location

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
C	30	17S	35E	C	480	N	1980	W	Lea
	Dedicated Acres Joint or Infill 80		Consolidation Code		Order No.				

			:	OPERATOR CERTIFICATION
			2 2 2	I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.
	1 1 (n ga kan ka waa ka Kaa ka	Electronically Signed By. Mary Corley
-				Title: Manager
1				Date: 03/03/2004
ş			1. 1. 1.	-
,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, ,, , ,			SURVEYOR CERTIFICATION
: - - - - - - - - - - - - - - - - - - -	5 1 3 1	3 1 1		I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the bes of my belief.
	t.	5 1	1	: Surveyed By. Ronald Eidson
2	4		5 5	Date of Survey 02/24/2004
، د	:	i		Certificate Number: 3239

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Name	Pool Code
30-025-36623	VACUUM;ABO, NORTH	61760
Property Code	Property Name	Well No
33559	State Flounder	001
OGRID No	Operator Name	Elevation
778	BP AMERICA PRODUCTION COMPANY	3987

Surface And Bottom Hole Location

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
C	30	17S	35E	C	480	N	1980	W	Lea
Dedicated Acres Joint or Infill 80		Consolidation Code		Order No					

	<i>.</i>	OPERATOR CERTIFICATION
-	I	I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.
<u>.</u>	 	Electronically Signed By. Mary Corley
	-	Title Manager
	I	Date: 03/03/2004
נ ע ו	٣	۰
	 ; ;	" SURVEYOR CERTIFICATION
1 	' E I	<i>I hereby certify that the well location shown on this plat was</i> <i>plotted from field notes of actual surveys made by me or under</i>
- - - - - - - - - - - - - - - - - - -	• • • • • • • • • • • • • • • • • • •	my supervision, and that the same is true and correct to the bes of my belief.
	r	Surveyed By Ronald Eidson
n:		Date of Survey 02/24/2004
1		Certificate Number 3239

	t hstrict I		te of Ne		Form C-104)4					
ī	625 N French Dr, Ho	bbs, NM	88240	Energy, Minerals & Natural Resources						Revised March 25, 1999					19
8 I	hstrict II OIL CONSERVATION DIVISION 11 South First, Artesia, NM 88210 hstrict III 2040 South Pacheco Souto Eq. NM 87505									Submit to Appropriate District Office 5 Copies					
1	ISINCLIY Santa Fe, NM 87505												ED REPOR	Т	
2 I	40 South Pacheco, Santa Fe, NM 87505 REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT														
ſ	•		Oper		TA 355										
	BP America Pr		.on Compar	Y						000778					
	P. O. Box 3092 Houston, Texas 77253 *** RC														MCF 710
ł	4 API N		255			5	Pool Na	ime			/		6 Po	ol Code	
	30-0 25 7 Property	-36623	3		· 		operty N	lfcamp					_	2340	AC, 80
	335						~	under 7							AC, 80 Perfs, 9-10 GOR 2000
	II. ¹⁰ Sur	face	Location												
		ction	Township								Feet from the East/West h			County	GOR 2000
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[UL or lot no Se	ction	Township	Range	Lot. Idn	Feet from	n the	North/South	n Line	Feet from	the	hast/West	t line	County	7
	¹² Lse Code ¹³	Producin	g Method Co	le 14 Gas (Connection Date	 ¹⁵ C-	129 Per	mit Number	16	C-129 Ef	fective Da	te	¹⁷ C-12	9 Expiration Da	le
	² Lse Code ¹³ Producing Method Co S P						C-125 Terrini (Valide)								
-	III. Oil and G	as Tr									22 8.0.0				-
	¹⁸ Transporter OGRID			Transporter Name and Address				20 POD 21 O/G			22 POD and	I Descrip			
	024650			tream Services, LP G								12829	30.37		
		rsado Gas	s Processors, LLC)							122.57					
	015694		ajo (sou mer 159	ur) 0						232425 10000 000					
		Arte	asia, NM												
	138648	BP I	Pipeline I	NA Inc. (sweet) O							370212	سيعن	2		
											- 67	241 91	I GLA	-	
	IV. Produced Water														
	23 POD 24 POD ULSTR Location and Description														
	V. Well Completion Data														
	²⁵ Spud Date		²⁶ Ready Date		27	27 TD		28 PBTD		29 Perforations		ons			
	4/21/04 ³¹ Hole Size		10/27/04 32 Casing &			10,200 & Tubing Size		10,077 ³³ Depth Set		9294-9879		34S	DBC acks Ce	ement	
	12-		9-5/8			1630'			690						
	8-3/4				5-1/2		10198 '			1055 "H"			1055	nHu	
														_	
	VI. Well Tes	t Date					1								
	35 Date New Oil		36 Gas Delive	ry Date	37 Test Da	ate	38	Test Length		³⁹ Tbg	Pressure	e ⁴⁰ Csg Pressure			
	41 Choke Size		42 01	10/8/0 42 Otl 43 Water			4 24 44 Gas			35 ⁴⁵ AOF			46 7	30 Test Method	
			Oil							AOP					
	8 103 18 47 I hereby certify that the rules of the Oil Conservations Division have been complied with and the the information given above is true and complete to the bort of my knowledge and beltef OIL CONSERVATION DIVISION														
1	4. manual 1					Ar	proved				126	~/			
1	Printed name	ry	al f	Jose	pn	Т	itle.		PETROLEUMENGILFELL						
(Sherval Jose	ph/		/ /			Approval Date			····					
``	Permitting Re		<u>gkative</u>	Phone:							<u>'</u> JA	N 2	1 201	_	
	⁴⁸ If this is a change		ator fill in the	(2	81) 366-44	19-00-0	us oner	tor						-	<u> </u>
	n ana is a chally	- or open	m m m ule	JOINTO HUILI	oor and name o	. sie pierio	- opera								
		Prev	vious Operator	Signature			Pn	inted Name				Tıtle		Date	
	.			-				a							

, t District I			State of New Mexico Energy, Minerals & Natural Resources								Revi	sed M	4		
1625 N French Dr., Ho District II 811 South First, Artesia			OIL CONSERVATION DIVISION 2040 South Pacheco							Revised March 25, 1999 Submit to Appropriate District Office					
District III 1000 Rio Brazos Rd , A District IV	Fe, NM 8				5 Copies					١.					
2040 South Pacheco, S						T 1/T)T		710		-					
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Operator name and Address														1 A	355 = 710
P. O. Box 309		t conford									n for Filing	g Code		-	
Houston, Tescas 77253														LMCF	- 710
4 API 1					5 Po	ol Name	e			6 Pool Code				1.	0
	5-36623			Vacuum;					ļ		760	AC.	80		
⁷ Propert	•				•	erty Nar			9 Well Number						
11 ¹⁰ Car	559 Irface Lo				State	Flou	nder				<u> </u>		- Pert	80 -s, 9-10 22000	
		ownship	Range	Lot Idn	Feet from th	e 1	North/South	Line	Feet from th	e E	East/West I	ine	County	7	
c	30	17S	35E		480		North	.	1980		West		Lea		2 9 000
"Be	ottom H	ole Loc	ation											_ 600	y de
UL or lot no S	Section 1	ownship	Range	Lot Idn	Feet from th		North/South		Feet from th		East/West		County		
	-	Method Code	: 4 Gas C	onnection Date	¹⁵ C-129	Permi	tt Number	16	C-129 Effe	ctive Da	te	7 C-129	Expiration Date	2	
S III O'I - I C	E								· .		1127	214			
111. Oil and C	III. Oil and Gas Transporters 112 73 74 18 Transporter 19 Transporter Name 20 POD 21 O/G 22 800 ULSTR Location												10.	7	
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VI. Well Tes ³⁵ Date New Otl		Gas Delivery	Date	37 Test Da	te	¹⁸ Te	est Length		³⁹ Tbg P	ressure		40 Cs	sg Pressure		
8/1/04		Q /1 /04		e /7 /A			24		-	E			-		
⁴¹ Choke Size		8/1/04 ⁴² Oıl			8/7/04 43 Water		24 ⁴⁴ Gas		45 AOF		46 Test Method		30 st Method	-	
		22		-22			29					f	lowing		
⁴⁷ I hereby certify th complied with and th	hat the inform	of the Qil Con	nservation D above is true	ivision have be and complete t	en o the			CON	SERVA	TION	DIVIS				
best of my knowledg Signature	e and belief	V.				oved by			2	-		1	-		
Printed name	al 1	AK	up .	\sim	Title	2	\square	đ	et I	H	et of			_	
Sherval Jose	aph /		V		_				PETHOLEUM ENGINEER						
Tale Permitting R	entenent.	ative			Appro	oval Dat	te		TT.	NOLL					
Date 8/19/04			Phone (281) 366-4493							OCT 0 5 2004					
⁴⁸ If this is a chang		r fill in the O			()	operator	r					<u> </u>	<u>~</u>	7	
1															
	Previo	s Operator S	Ignature			Printe	d Name				Tule		Date		
L										·····			17auc		