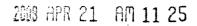
1R- 404

REPORTS

DATE:

April 13, 2009

RECEIVED





April 13, 2009

Mr. Ed Hansen New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Drive Santa Fe, NM 87505

Re: Notification of Plains Marketing, L.P. Plugging and Abandonment of Monitor Wells Plains Lea Station to Monument 6-Inch NE ¼, SE ¼, Section 5, T-20-S, R-37-E Lea County, NM

Dear Mr. Hansen,

NOVA Safety and Environmental (NOVA), on behalf of Plains Marketing, L.P. (Plains) respectfully submits the following notification of plugging and abandonment of monitor wells at the Plains Lea Station to Monument 6-Inch leak site, located in the NE ¼, SE ¼, Section 5, T-20-S, R-37-E in Lea County, NM.

On March 23, 2009, nine (9) monitor wells were plugged and abandoned at the Plains Lea Station to Monument 6-Inch site. Please reference your letter to Mr. Jason Henry of Plains Marketing L.P. dated March 12, 2009 regarding authorization to plug and abandon these wells.

The monitor wells were plugged and abandoned by Straub Corporation, Inc (Straub) of Stanton, Texas, a licensed water well driller in the State of New Mexico. The monitor wells were plugged utilizing guidelines set forth by the office of the New Mexico State Engineer. Straub removed and disposed of the monitor well cover, vault, and the remains of the concrete pad.

Monitor wells MW-1 through MW-9 were each filled with approximately 1-½ bags of bentonite hole plug to a depth of approximately two (2) bgs and hydrated with properly hydrated with water. Concrete was placed from approximately two (2) bgs to the surface and hydrated with water. Topsoil was placed above the former monitor well to complete the procedure.

The former monitor well locations are as follows:

- MW-1, 32 degrees, 36.133" N, 103 degrees, 15.928" W
- MW-2, 32 degrees, 36.119" N, 103 degrees, 15.926" W
- MW-3, 32 degrees, 36.106" N, 103 degrees, 15.924" W
- MW-4, 32 degrees, 36.132" N, 103 degrees, 15.914" W
- MW-5, 32 degrees, 36.112" N, 103 degrees, 15.915" W

- MW-6, 32 degrees, 36.103" N, 103 degrees, 15.914" W
- MW-7, 32 degrees, 36.095" N, 103 degrees, 15.926" W
- MW-8, 32 degrees, 36.114" N, 103 degrees, 15.917" W
- MW-9, 32 degrees, 36.107" N, 103 degrees, 15.913" W

Plains has completed the approved plugging and abandonment of the above referenced monitor wells as directed by the New Mexico Oil Conservation Division (NMOCD). Plains will continue to gauge and sample the remaining monitor wells at the site.

In the future, Plains may make addition requests to the NMOCD for plugging and abandonment of monitor well(s) at this site, if warranted.

Sincerely,

Ronald J. Rounsaville Senior Project Manager

NOVA Safety and Environmental

cc:

Larry Johnson, NMOCD, Hobbs, NM
Jason Henry, Plains Marketing, L.P., Denver City, TX
jhenry@paalp.com
Jeff Dann, Plains Marketing, L.P., Houston, TX
jpdann@paalp.com
NOVA Safety and Environmental, Midland, TX
rrounsaville@novatraining.cc

Attachments:

Attachment #1 – Form C-141 – Release Notification and Corrective Action Attachment #2 – State of New Mexico Well Record & Log – Plugging Reports Attachments

Attachment 1
Release Notification and Corrective Action
(Form C-141)

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico **Energy Minerals and Natural Resources**

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

Form C-141 Revised October 10, 2003

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Release Notification and Corrective Action

	OPERAT	OR	x Init	ial Report
Name of Company Plains Pipeline, LP	Contact:		e Reynolds	
Address: 3705 E. Hwy 158, Midland, TX 79706	Telephone No.		1-0965	
Facility Name Lea to Monument 6"	Facility Type:	6" Stee	Pipeline	
Surface Owner: Mineral Own Laughlin Estate	er		Lease	No.
LOCAT	ION OF RELE	EASE		
Unit Letter Section Township Range Feet from the No.	orth/South Line F	eet from the	East/West Line	County Lea
Latitude 32 degrees 36' 0	06.4" Longitude <u>1</u>	03 degrees 1	5' 56.1"	
	RE OF RELEA			
Type of Release: Crude Oil		lease: 3 barrel		Recovered 0 barrels
Source of Release: 6" Steel Pipeline	8/03/01	r of Occurrenc	14:00	Hour of Discovery
Was Immediate Notice Given? Yes □ No □ Not Required				
By Whom?	Date and Hou			
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volur	ne Impacting t	he Watercourse.	
Describe Cause of Problem and Remedial Action Taken.* Internal condescribe Area Affected and Cleanup Action Taken.* A clamp was insupproximately 10' x 80'. NOTE: This information was obtained from historical EOTT files	stalled on the line to	mitigate the re	lease. The aerial	extent of surface impact was
information to be correct.				
I hereby certify that the information given above is true and complete regulations all operators are required to report and/or file certain relea public health or the environment. The acceptance of a C-141 report by should their operations have failed to adequately investigate and reme or the environment. In addition, NMOCD acceptance of a C-141 report federal, state, or local laws and/or regulations.	se notifications and play the NMOCD mark diate contamination	perform corrected as "Final Rothat pose a three operator of re-	tive actions for re eport" does not re eat to ground wate esponsibility for	leases which may endanger lieve the operator of liability er, surface water, human health compliance with any other
		OIL CONS	SERVATION	DIVISION
Signature:				
Printed Name: Camille Reynolds	Approved by Dis	strict Superviso	or:	
Title: Remediation Coordinator	Approval Date:		Expiration	Date:
E-mail Address: cjreynolds@paalp.com	Conditions of Ap	oproval:		Attached
Date: 3/21/2005 Phone: (505)441-0965 Attach Additional Sheets If Necessary				

Attachment 2
State of New Mexico Well Record & Log
Plugging Reports



LOCATION

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

					•							
NO	POD NUMBER (WE	ELL NUMBER) NUMENT MW-1	1			OSE FILE NUI	MBER(S)	-				
OCATI	WELL OWNER NA PLAINS MAF					PHONE (OPTI	ONAL)	-				
VELL I	WELL OWNER MA	ILING ADDRESS TREET, SUITE	1600				N	STATE TX	77	ZIP 7078		
GENERAL AND WELL LOCATION	WELL LOCATION (FROM GPS)	LATITUDE	DEGREES 32	MINUTES 36	8.00 N	_	/ REQUIRED: ONE TEN	VTH OF A SEC	COND			
1. GENE			103 ION TO STREET ADDRE NUMENT NM O		LANDMARKS	<u> </u>						
AL	(2.5 ACRE)	(10 ACRE)	(40 ACRE)	(160 ACRE)	SECTION		TOWNSHIP	NORTH SOUTH	RANGE	☐ EAST		
OPTIONAL	SUBDIVISION NAME LOT NUMBER BLOCK NUMBER UNIT/TRACT HYDROGRAPHIC SURVEY MAP NUMBER TRACT NUMBER											
2.	HYDROGRAPHIC	SURVEY					MAP NUMBER		TRACT NO	JMBER		
	LICENSE NUMBER WD1478	MARTIN S					NAME OF WELL DE					
NO	3-23-09	ED DRILLING EN 3-23-09		PLETED WELL (FT)	BORE HC	41	DEPTH WATER FIR					
3. DRILLING INFORMATION	COMPLETED WEL	LIS: ARTESIA	N DRY HOLE	SHALLOW	(UNCONFINED)		STATIC WATER LE	VEL IN COM	PLETED WEI	LL (FT)		
INFO	DRILLING FLUID:	AIR	MUD		S – SPECIFY:							
TLING	DEPTH (FT)	BORE HO	Į.	CABLE TO	CON	ER – SPECIFY: NECTION	INSIDE DIA.		G WALL	SLOT		
3. DRI	FROM TO	DIA. (IN) M	ATERIAL	ТҮРЕ	(CASING)	CASING (IN)	THICKN	IESS (IN)	SIZE (IN)		
										-		
VATA	DEPTH (FT) FROM TO		SS F				ATER-BEARING S R FRACTURE ZON			YIELD (GPM)		
BEARING STRATA												
BEARI				.,								
WATER	METHOD USED TO	D ESTIMATE YIELD OF	WATER-BEARING STR	ATA			TOTAL ESTIMATED	O WELL YIEL	.D (GPM)			
4. W.												
	FOR OSE INTE	RNAL USE	· <u>-</u> .				WELL RECO	RD & LOC	(Version 6	/9/08)		
	FILE NUMBER			l pod n	UMBER		TRN NUMBE	PR .				

МР	TYPE OF PUMP: SUBMERSIBLE JET NO PUMP – WELL NOT EQUIPPED CYLINDER OTHER – SPECIFY:									
SEAL AND PUMP			DEPTH FROM		BORE HOLE DIA. (IN)	MATERIAL TYPE AND SIZE	AMOUNT (CUBIC FT)	METH PLACE		
AL.	ANNUI SEAL A		41'	2'	2	1 .5 BAGS OF 3/8 HOLEPLUG	, , , , , , , , , , , , , , , , , , , ,	TOPL	.OAD	
	GRAVEL		2'	0	2	.5 BAG OF CONCRETE		TOPL		
vi										
	DEPTH FROM	(FT)	THICK (F7			COLOR AND TYPE OF MATERIAL ENCOUNTERED (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES)				
	110111				`			☐ YES	□NO	
								☐ YES	□NO	
								YES	NO	
1								☐ YES	NO	
ب ا								☐ YES	□ NO	
VEL								YES	□ NO	
GEOLOGIC LOG OF WELL								☐ YES	□ NO ·	
90			☐ YES	□NO						
101			☐ YES	□ NO						
007								☐ YES	□NO	
3EO								☐ YES	□ NO	
9								☐ YES	□NO	
								☐ YES	□ №	
								☐ YES	□ио	
								☐ YES	□NO	
į								☐ YES	□ NO	
								☐ YES	□ №	
			ATTACH	ADDITION	IAL PAGES AS NE	EEDED TO FULLY DESCRIBE THE GEOLOGIC	LOG OF THE WELL			
			METHOD:	BAILE	R DUMP	☐ AIR LIFT ☐ OTHER – SPECIFY:				
AL INFO	WELL	TEST				DATA COLLECTED DURING WELL TESTING, I AND DRAWDOWN OVER THE TESTING PERIO		ME, END T	ME,	
	ADDITION	AL STATEN	MENTS OR EXPL	ANATIONS:						
TEST & ADDITION	PLUGGI	NG RE	PORT							
ADE	3 FT CA	SING F	REMOVED	FROM H	OLE					
- AS -										
TES										
.7.										
	THE UND	ERSIGN	ED HEREBY (CERTIFIES		EST OF HIS OR HER KNOWLEDGE AND BELIE	F, THE FOREGOING I	S A TRUE A	.ND	
SIGNATURE						O THAT HE OR SHE WILL FILE THIS WELL RE ON OF WELL DRILLING:	ECORD WITH THE STA	ATE ENGIN	EER AND	
NAT	m	า 1	- Û +	_ \		1				
		W)	~ &J'	man!		4-1-09				
∞ ∞			SIGNATUR	RE OF DRIL	LER	DATE	·			
										

FOR OSE INTERNAL USE	WELL RECORD & LOG (Version 6/9/0				
FILE NUMBER	POD NUMBER	TRN NUMBER			
LOCATION .			PAGE 2 OF 2		



	POD NUME	-		•				OSE FILE NUI	MBER(S)			
ION	LEA TO	MON	UM	ENT MW-2								
'AT	WELL OW							PHONE (OPTI	ONAL)	,		
2	PLAINS	MARI	KET	TING LP								
[]	WELL OW							CITY HOUSTO		STATE		ZIP
WE	333 CL/	AY ST	REI	ET, SUITE	1600	J0			N	TX	77	7078
QN.	WELI				DEGREES	MINUTES SEC	ONDS					
LA	LOCATI	ON	LAT	ITUDE	32	36	7.00 _N	* ACCURACY	REQUIRED: ONE TEN	TH OF A SEC	COND	
GENERAL AND WELL LOCATION	(FROM C	iPS)	LON	GITUDE	103	15 5	55.00 W	* DATUM REG	QUIRED: WGS 84			
EN	DESCRIPT	ION REL	ATING	G WELL LOCATI	ON TO STREET ADDRE	SS AND COMMON LAND	MARKS	I				
-	1 1/2 M	ILE SC	TUC	H OF MON	IUMENT NM OI	N HWY 80, LEA	СО					
									<u></u>		,	
	(2.5 ACF		((10 ACRE)	(40 ACRE)	(160 ACRE)	SECTION		TOWNSHIP	NORTH	RANGE	☐ EAST
MAL		4		1/4	1/4	1/4				SOUTH		west
OPTIONAL	SUBDIVISI	ON NAMI	E				LOT NUM	1BER	BLOCK NUMBER		UNIT/TRA	СТ
	HYDROGR	A DUIC SI	IDVE	v					MAP NUMBER		TRACT NU	IMDED
2.	makook	All The Se							WAI NOMBER		TRACT NO	NAIDEK
	LICENSE NUMBER NAME OF LICENSED DRILLER NAME OF WELL DRILLING COMPANY											
		1478		MARTIN S				STRAUB COI				
z	DRILLING			DRILLING END		PLETED WELL (FT)	BORE HO	LE DEPTH (FT)	DEPTH WATER FIF			
	3-23-09 3-23-09				Į.	40		40	DEFIN WATERING	GI ENCOUN	TERED (TT)	ļ
ľOľ									STATIC WATER LE	VEL IN COM	PLETED WEI	LL (FT)
DRILLING INFORMATION	COMPLET	ED WELL	IS:	ARTESIAN	DRY HOLE	SHALLOW (UNG	CONFINED)					
NFOI	DRILLING	FLUID:		Air	MUD	ADDITIVES – SE	PECIFY:					
NGI	DRILLING	METHOD): 	ROTARY	HAMMER	CABLE TOOL	ОТНЕ	R - SPECIFY:			<u> </u>	
LLI	DEPT	H (FT)		BORE HOL	E (CASING		NECTION	INSIDE DIA.	CASING	G WALL	SLOT
DRI	FROM	TO		DIA. (IN)	M	ATERIAL	TYPE	(CASING)	CASING (IN)	THICKN	IESS (IN)	SIZE (IN)
₩.							ļ			-		
			-				-					
							<u> </u>			1		
		<u></u>						······································	<u> </u>	<u> </u>		<u> </u>
4		H (FT)		THICKNES (FT)	S F	ORMATION DESCRI (INCLUDE WATEI						YIELD (GPM)
κT	FROM	ТО		(11)		(INCLUDE WATER		CAVITIES	K FRACTURE ZON	NE3)		(GFW)
STF	! !											
NG	<u>8</u>											
AR							· -					
BE				<u> </u>								
WATER BEARING STRATA	METHOD	ICED TO	ЕСТ	MATE VIELD OF	WATER DEADING CTP				TOTAL POTRACTO	DWELL WITH	D (CDM)	
	METHOD	JOED IO	esiii	MATE YIELD OF	WATER-BEARING STR				TOTAL ESTIMATE	O WELL YIEL	LD (GPM)	
4						·						

FOR OSE INTERNAL USE

FILE NUMBER

POD NUMBER

WELL RECORD & LOG (Version 6/9/08)

TRN NUMBER

LOCATION

PAGE 1 OF 2

				OID: =							
_	TYPE OF I	PUMP:	SUBMER		☐ JET	☐ NO PUMP – WELL NOT EQUIPPED					
Ž			TURBINI	<u> </u>	CYLINDER	OTHER – SPECIFY:					
SEAL AND PUMP	ANNUL	A.D.	DEPTH FROM	TO	BORE HOLE DIA. (IN)	MATERIAL TYPE AND SIZE	AMOUNT (CUBIC FT)	METH- PLACE			
AL	SEAL A		40'	2'	2	1 .5 BAGS OF 3/8 HOLEPLUG		TOPL	OAD		
5. SE	GRAVEL	PACK	2'	0	2	.5 BAG OF CONCRETE		TOPL			
<i>v.</i>											
	DEPTH	(ET)	THICK	NEGO		COLOR AND TWO OF MATERIAL ENCOUNT	CDCD				
	FROM	TO	(FT			COLOR AND TYPE OF MATERIAL ENCOUNT UDE WATER-BEARING CAVITIES OR FRACTU		WA' BEAR			
								☐ YES	□NO		
								☐ YES	□NO		
				·				☐ YES	□ NO		
								☐ YES	□NO		
ادا				···			YES	□ NO			
ÆL				_				☐ YES	_ NO		
F.V								☐ YES	□ NO		
) 50			☐ YES	□ NO							
CLC								☐ YES	□NO		
OGI				-	-			☐ YES	□NO		
6. GEOLOGIC LOG OF WELL							-	+			
5				_				☐ YES	□ NO		
				_				YES	□ NO		
								☐ YES	□ NO		
	 			_		W. C.		YES	□ NO		
								YES	□ NO		
								☐ YES	□ NO		
	<u></u>				<u> </u>			☐ YES	□ио		
			ATTACH	ADDITION	IAL PAGES AS NI	EEDED TO FULLY DESCRIBE THE GEOLOGIC	LOG OF THE WELL				
			METHOD:	BAILE	R PUMP	☐ AIR LIFT ☐ OTHER – SPECIFY:					
INFO	WELL 1	ΓEST				DATA COLLECTED DURING WELL TESTING,		IME, END T	IME,		
(AL			ANDATAE	BLE SHOWI	NG DISCHARGE	AND DRAWDOWN OVER THE TESTING PERIC	JD.				
TEST & ADDITION			MENTS OR EXPL	ANATIONS:							
1 6	PLUGGII		REMOVED	EBOM H	OLE						
k AI	31104	SINGT	(LIVIO V LD	TROWITI	OLL						
ST &											
7. TE											
[~]						EST OF HIS OR HER KNOWLEDGE AND BELIE					
L EN						D THAT HE OR SHE WILL FILE THIS WELL RI ION OF WELL DRILLING:	ECORD WITH THE ST	ATE ENGIN	EER AND		
SIGNATURE	0	7 \frac{1}{2}	F VI	0		•					
SIG	1	ga	\mathcal{A}	March	-	4-1-09					
×6			SIGNATUR	RE OF DRIL	LER	DATE					
	SIGNATURE OF DRILLER DATE										

••••••••••••••

FOR OSE INTERNAL USE		WELL RECORD & LOG (Version 6/9/08)			
FILE NUMBER	POD NUMBER	TRN NUMBER			
LOCATION			PAGE 2 OF 2		



LOCATION

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

	POD NUMB	•		•		· · · · · · · · · · · · · · · · · · ·			OSE FILE NUI	MBER(S)			
NOI.				IENT MW-3									
CAT	WELL OWN								PHONE (OPTIONAL)				
07.7	WELL OWN								CITY		STATE		ZIP
VEL				ET, SUITE	1600				ноизто	N	TX	77	7078
ĺ.	WELL				DEGREES	DEGREES MINUTES SECONDS							
IL A	LOCATIO	- 1	LAT	TTUDE	32	36		6.00 _N	* ACCURACY	REQUIRED: ONE TEN	NTH OF A SE	COND	
GENERAL AND WELL LOCATION	(FROM G	PS)	LON	GITUDE	103	15	5	6.00 W	* DATUM REG	QUIRED: WGS 84			
E E	DESCRIPTI	ION REL	ATIN	G WELL LOCATI	ON TO STREET ADDRE	SS AND COMMO	N LANDI	MARKS					
	1 1/2 MI	LE S	דטס	TH OF MON	IUMENT NM O	N HWY 80,	LEA (CO					
	(2.5 ACR	E)		(10 ACRE)	(40 ACRE)	(160 ACR	E)	SECTION		TOWNSHIP		RANGE	
J.	1/	4		1/4	1/4	1,	/4				□ NORTH □ SOUTH		☐ EAST
OPTIONAL	SUBDIVISIO	ON NAM	1E					LOT NUM	IBER	BLOCK NUMBER		UNIT/TRA	СТ
OPT	HYDROGR/	ADVICE	170370							MADAUMADED		TDACTAIL	ILADED.
2.	HYDROGRA	APHIC S	UKVE	: T						MAP NUMBER		TRACT NU	JMBEK
	LICENSE N	UMBER		NAME OF LICE	NSED DRILLER				······································	NAME OF WELL DE	RILLING COM	MPANY	
		1478		MARTIN S	TRAUB					STRAUB CO			
	DRILLING S		D	DRILLING ENI	1	IPLETED WELL (I	FT)		LE DEPTH (FT)	DEPTH WATER FIF	RST ENCOUN	TERED (FT)	
NOI	3-23	3-09		3-23-09		47			47				
DRILLING INFORMATION	COMPLETED WELL IS: ARTESIAN DRY HOLE SHALLOW (UNCONFINED) STATIC WATER LEVEL IN COMPLETED WELL (FT)												
VFOF	DRILLING I	FLUID:		AIR	☐ MUD	ADDITI	VES - SPI	ECIFY:	·				
VG IP	DRILLING	метно	D:	ROTARY	HAMMER	CABLE	TOOL	ОТНЕ	R - SPECIFY:				
LLI	DEPT	H (FT)		BORE HOL	Æ	CASING			NECTION	INSIDE DIA.		G WALL	SLOT
	FROM	TC)	DIA. (IN)	M	IATERIAL		TYPE	(CASING)	CASING (IN)	THICKN	VESS (IN)	SIZE (IN)
3.													
	DEPT	H (FT)		THICKNES	S F	ORMATION D	ESCRIF	PTION OF P	RINCIPAL W	ATER-BEARING S	TRATA		YIELD
ATA	FROM	TC)	(FT)		(INCLUDE	WATER	R-BEARING	CAVITIES O	R FRACTURE ZON	NES)		(GPM)
STR											-		
ING													
EAR													
4. WATER BEARING STRATA													
/ATI	METHOD U	JSED TO	ESTI	MATE YIELD OF	WATER-BEARING STR	ATA				TOTAL ESTIMATE	O WELL YIEI	LD (GPM)	
4. W						•							
L					~~~								
	FOR OSE INTERNAL USE WELL RECORD & LOG (Version 6/9/08) FILE NUMBER POD NUMBER TRN NUMBER												

MP	TYPE OF	PUMP:	☐ SUBMER☐ TURBIN		☐ JET	☐ NO PUMP – WELL NOT EQUIPPED☐ OTHER – SPECIFY:			
SEAL AND PUMP	ANNUI	LAR	DEPTH FROM	TO	BORE HOLE DIA. (IN)	MATERIAL TYPE AND SIZE	AMOUNT (CUBIC FT)	METHO PLACE	
ΊΥΓ	SEAL A	AND	47'	2'	2	1 .5 BAGS OF 3/8 HOLEPLUG		TOPL	.OAD
5. SE	GRAVEL	PACK	2'	0	. 2	.5 BAG OF CONCRETE		TOPL	.OAD
	DEPTH	(FT)	THICK	NESS		COLOR AND TYPE OF MATERIAL ENCOUNT	ERED	WAT	LEB
	FROM	то	(F7			JDE WATER-BEARING CAVITIES OR FRACT		BEAR	
İ								☐ YES	□NO
			<u></u>					☐ YES	□ NO
								☐ YES	□ NO
						-		☐ YES	□NO
1,								☐ YES	□NO
WEI								☐ YES	□ NO
GEOLOGIC LOG OF WELL								☐ YES	□NO
90'								☐ YES	□NO
101								☐ YES	□NO
507								☐ YES	□ NO
EO								☐ YES	□NO
6. (☐ YES	□NO
								☐ YES	□NO
		-					· · · · · · · · · · · · · · · · · · ·	☐ YES	□ NO
								☐ YES	□NO
								☐ YES	□ NO
								☐ YES	□NO
			ATTACH	ADDITION	AL PAGES AS NE	EDED TO FULLY DESCRIBE THE GEOLOGIC	LOG OF THE WELL	<u>. </u>	
(METHOD:	BAILE	R PUMP	☐ AIR LIFT ☐ OTHER – SPECIFY:			
AL INFO	WELL	ΓEST				ATA COLLECTED DURING WELL TESTING, AND DRAWDOWN OVER THE TESTING PERI		ME, END TI	ме,
	ADDITIONA	AI STATEA	MENTS OR EXPL			IND DIGWDOWN OVER THE TESTING PERI	JB.		
& ADDITION	PLUGGI			ANATIONS.					
4DD			REMOVED	FROM H	OLE				
7. TEST									
7.7									
	THETIND	FRSIGNI	ED HEBEBY (PRTIFIES T	THAT TO THE DE	ST OF HIS OR HER KNOWLEDGE AND BELII	F THE FOREGOING	C A TDIJE A	ND
IRE	CORRECT	Γ RECOR	D OF THE AB	OVE DESC	RIBED HOLE ANI	O THAT HE OR SHE WILL FILE THIS WELL R ON OF WELL DRILLING:			
ATI	THE PERI	MII HOL	DER WITHIN	20 DAYS A	FIER COMPLETE	ON OF WELL DRILLING:			
SIGNATURE	J Y	Ylan	ML	大人	·_	4-1-09			
8. S.	 -		SIGNATUR	E OF DRIL	LER	DATE			
<u></u>	<u> </u>								

FOR OSE INTERNAL USE		WELL RECORD & LOG (Version 6/9/08			
FILE NUMBER	POD NUMBER	TRN NUMBER			
LOCATION		PAGE 2 OF 2			



FILE NUMBER LOCATION

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

POD NIMBER (WELL NUMBER) CATO MONUMENT MW-4 WELL ON MINIMENT MW-4 WELL OWNER MARKETING LP WELL OCATION TX 77078 TX 77		1812											
THE SOUTH OF MONUMENT NM ON HWY 80, LEA CO TOWNSHIP		POD NUMBER	(WELL	NUMBER)					OSE FILE NUM	IBER(S)	-		
THE SOUTH OF MONUMENT NM ON HWY 80, LEA CO TOWNSHIP	S S	LEA TO M	MONU	JMENT MW-4									
THE SOUTH OF MONUMENT NM ON HWY 80, LEA CO TOWNSHIP	'ATI								PHONE (OPTIO	ONAL)			
THE SOUTH OF MONUMENT NM ON HWY 80, LEA CO TOWNSHIP	9												
THE SOUTH OF MONUMENT NM ON HWY 80, LEA CO TOWNSHIP	TT				4000							77	
THE SOUTH OF MONUMENT NM ON HWY 80, LEA CO TOWNSHIP	WE	333 CLAY	SIR	REET, SUITE	1600				HOUSTO	N 	1.8		078
THE SOUTH OF MONUMENT NM ON HWY 80, LEA CO TOWNSHIP	AND	WELL										2010	
THE SOUTH OF MONUMENT NM ON HWY 80, LEA CO TOWNSHIP	AL			ATITUDE					ļ		TH OF A SEC	COND	
THE SOUTH OF MONUMENT NM ON HWY 80, LEA CO TOWNSHIP	NER		L						DATION REC				
TOTAL ESTIMATED WELL LYIELD GFMM) TOTAL ESTIMATED WELL LYIELD GFMM	S.												
NAME OF WELL DRILLING COMPANY STRAUB CORPORATION		1 1/2 MILE SOUTH OF MONOMENT MIN ON HWY 80, LEA CO											
VA VA VA VA VA VA VA VA		(2.5 ACRE)		(10 ACRE)	(40 ACRE)	(160 ACRE	Ξ)	SECTION		TOWNSHIP	□ NORTH	RANGE	DEAST
LICENSE NUMBER WD1478 MARTIN STRAUB DRILLING STARTED 3-23-09 3-23-09 3-23-09 47 47 BORE HOLE DEPTH (FT) DEPTH WATER FIRST ENCOUNTERED (FT) DRILLING FLUID. DRILLING STARTED DRILLING MARTIN DRIV HOLE SHALLOW (UNCONFINED) DRILLING FLUID. DRILLING MATERIAL DRIV HAMMER CASING DRILLING MATERIAL DRIV HAMMER CASING TYPE (CASING) DEPTH (FT) DEPTH (FT) DEPTH (FT) THICKNESS FORMATION DESCRIPTION OF PRINCIPAL WATER-BEARING STRATA (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES) METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA TOTAL ESTIMATED WELL YIELD (GPM)	ΑL	1/4		1/4	1/4	1/4	•						west
LICENSE NUMBER WD1478 MARTIN STRAUB DRILLING STARTED 3-23-09 3-23-09 47 47 BORE HOLE DEPTH (FT) COMPLETED WELL IS: ARTESIAN DRILLING FLUID. AIR MUD ADDITIVES - SPECIFY: DEPTH (FT) THICKNESS FORMATION DESCRIPTION OF PRINCIPAL WATER-BEARING STRATA (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES) METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA TOTAL ESTIMATED WELL, YIELD (GPM)	ION	SUBDIVISION	NAME					LOT NUM	IBER	BLOCK NUMBER		UNIT/TRA	СТ
LICENSE NUMBER WD1478 MARTIN STRAUB DRILLING STARTED 3-23-09 3-23-09 47 47 BORE HOLE DEPTH (FT) COMPLETED WELL (FT) DRILLING STARTED DRILLING STARTED DRILLING STARTED DRILLING STARTED DRILLING FLUID. DRILLING FLUID. DRILLING MATERIAN DRIVES - SPECIFY: DEPTH (FT) DEPTH	OPT									'AAA DAHAADED		TDACTNI	D 4D F D
WD1478 MARTIN STRAUB DRILLING STARTED 3-23-09		HYDROGRAP	HIC SUR	RVEY						MAP NOMBER		IRACINO	IMBER
WD1478 MARTIN STRAUB DRILLING STARTED 3-23-09			1077	T NAME OF LIGHT	NIGER PRILLER					NAME OF WELL DR	II LING COL	4DANIV	
DRILLING STARTED 3-23-09 3-23-09 47 47 STATIC WATER FIRST ENCOUNTERED (FT) COMPLETED WELL IS: ARTESIAN DRY HOLE SHALLOW (UNCONFINED) DRILLING FLUID: AIR MUD ADDITIVES SPECIFY: DRILLING METHOD: ROTARY HAMMER CABLE TOOL OTHER - SPECIFY: DRILLING METHOD: TO DIA (IN) MATERIAL TYPE (CASING) INSIDE DIA. CASING WALL SLOT TYPE (CASING) IN THICKNESS (IN) SIZE (IN) DEPTH (FT) THICKNESS (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES) METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA TOTAL ESTIMATED WELL YIELD (GPM)													
AS 3-23-09 3-23-09	z					1PLETED WELL (F)	BORE HO	LE DEPTH (FT)					
DEPTH (FT) THICKNESS (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES) FROM TO (FT) (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES) METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA TOTAL ESTIMATED WELL YIELD (GPM)		3-23-	09	3-23-09					47				
DEPTH (FT) THICKNESS (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES) FROM TO (FT) (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES) METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA TOTAL ESTIMATED WELL YIELD (GPM)	T10											LL (FT)	
DEPTH (FT) THICKNESS (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES) FROM TO (FT) (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES) METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA TOTAL ESTIMATED WELL YIELD (GPM)	SMA	COMPLETED	WELL IS	S: ARTESIAN	DRY HOLE	SHALLO	W (UNCO	NFINED)					
DEPTH (FT) THICKNESS (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES) FROM TO (FT) (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES) METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA TOTAL ESTIMATED WELL YIELD (GPM)	VFOI	DRILLING FL	UID:	AIR	MUD	ADDITIV	ES – SPEC	CIFY:					
DEPTH (FT) THICKNESS (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES) FROM TO (FT) (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES) METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA TOTAL ESTIMATED WELL YIELD (GPM)	IG II	DRILLING ME	ETHOD:	ROTARY	HAMMER	CABLE T	OOL	ОТНЕ	ER - SPECIFY:				
DEPTH (FT) THICKNESS (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES) FROM TO (FT) (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES) METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA TOTAL ESTIMATED WELL YIELD (GPM)	LLIN	DEPTH	(FT)	BORE HOL	Æ	CASING	1	CONI	NECTION	INSIDE DIA.	CASIN	G WALL	
DEPTH (FT) THICKNESS (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES) FROM TO (FT) (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES) METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA TOTAL ESTIMATED WELL YIELD (GPM)	DRI	FROM	ТО	DIA. (IN)	N	IATERIAL		TYPE	(CASING)	CASING (IN)	THICK	NESS (IN)	SIZE (IN)
FROM TO (FT) (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES) (GPM) WETHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA TOTAL ESTIMATED WELL YIELD (GPM)											ļ		 -
FROM TO (FT) (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES) (GPM) WETHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA TOTAL ESTIMATED WELL YIELD (GPM)													
FROM TO (FT) (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES) (GPM) WETHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA TOTAL ESTIMATED WELL YIELD (GPM)						45000							
FROM TO (FT) (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES) (GPM) WETHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA TOTAL ESTIMATED WELL YIELD (GPM)		DEPTH	(ET)	THOUNE	ng r	COPMATION DE	FSCDIDT	TON OF B	DINCIDAL W	ATER REARINGS	TRATA		VIELD
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA TOTAL ESTIMATED WELL YIELD (GPM)	ΓĀ	<u> </u>	-		25								
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA TOTAL ESTIMATED WELL YIELD (GPM)	X			_			····						
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA TOTAL ESTIMATED WELL YIELD (GPM)	G ST					*							
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA TOTAL ESTIMATED WELL YIELD (GPM)	NIN NIN												
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA TOTAL ESTIMATED WELL YIELD (GPM)	BEA												
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA TOTAL ESTIMATED WELL YIELD (GPM)	ER												
4	WAT	METHOD US	ED TO E	STIMATE YIELD OF	WATER-BEARING STE	RATA				TOTAL ESTIMATE	WELL YIE	LD (GPM)	
	4						•						
FOR OSE INTERNAL USE WELL RECORD & LOG (Version 6/9/08)	L	rop our r	YLLLUN	NAL HEE						WELL DECO	DD & 100	Warnian 6	/0/08)

POD NUMBER

TRN NUMBER

JMP	TYPE OI	F PUMP:	☐ SUBMER		☐ JET ☐ CYLINDER	☐ NO PUMP – WELL NOT EQUIPPED☐ OTHER – SPECIFY:					
SEAL AND PUMP	ANNU	JL.AR	DEPTH FROM	TO	BORE HOLE DIA. (IN)	MATERIAL TYPE AND SIZE	AMOUNT (CUBIC FT)	METH- PLACE	1		
AL	SEAL	AND	47'	2'	2	1 .5 BAGS OF 3/8 HOLEPLUG		TOPLOAD			
5. SI	GRAVE	L PACK	2'	0	2	.5 BAG OF CONCRETE		TOPLO			
	DEPTI		THICK (F1		ł	COLOR AND TYPE OF MATERIAL ENCOUNTERED (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES)					
	FROM	ТО	(1)		(INCL	DDE WATER-BEARING CAVITIES OF FRACT	UKE ZUNES)	BEAR			
								☐ YES	□ NO		
								+	□ NO		
								YES			
				 -				YES	□ NO		
TT								YES	□NO		
W								☐ YES	□ NO		
305				<u></u>				YES	□ NO		
ΓΟ(☐ YES	□NO		
ЭIC								☐ YES	□NO		
TO								☐ YES	□NO		
GEOLOGIC LOG OF WELL								☐ YES	□NO		
6.								☐ YES	□NO		
								☐ YES	□NO		
!								☐ YES	□ NO		
								☐ YES	□NO		
								☐ YES	□NO		
								☐ YES	□ NO		
			АТТАСН	ADDITION	IAL PAGES AS NE	EDED TO FULLY DESCRIBE THE GEOLOGIC	LOG OF THE WELL				
			METHOD:	BAILE	R PUMP	☐ AIR LIFT ☐ OTHER - SPECIFY:					
AL INFO	WELL	, TEST				ATA COLLECTED DURING WELL TESTING, AND DRAWDOWN OVER THE TESTING PERI		IME, END T	IME,		
			<u></u>			AND DICA WOOWN OVER THE TESTING FEAT	OD.				
7. TEST & ADDITION	PLUGG		MENTS OR EXPL	ANATIONS:							
DDI			REMOVED	FROM H	OLE						
& A											
ST											
7. TJ											
æ	THE UN	DERSIGN	ED HEREBY O	CERTIFIES	THAT, TO THE BE	ST OF HIS OR HER KNOWLEDGE AND BELII O THAT HE OR SHE WILL FILE THIS WELL RI	EF, THE FOREGOING	IS A TRUE A	ND		
rur						ON OF WELL DRILLING:	ECORD WITH THE ST	A LE ENGINI	EEK AND		
SIGNATURE	an	V	+ 1	+ L		1.					
	<u></u>	<u>16</u>	Mi &	man		<u>4-1-09</u>					
∞			SIGNATUR	RE OF DRIL	LER	DATE					
<u> </u>											

•

•

FOR OSE INTERNAL USE		WELL RECORD & LOG (Version 6/9/08)			
FILE NUMBER	POD NUMBER	TRN NUMBER			
LOCATION			PAGE 2 OF 2		



FILE NUMBER

LOCATION

											-	
-			LL NUMBER)	_				OSE FILE NUM	MBER(S)			
Õ			NUMENT MW-	5			·		1	<u></u>		
CAT	WELL OW							PHONE (OPTI	ONAL)			
Š			RKETING LP									
TL			ILING ADDRESS	1600				CITY	N I	STATE	77	ZIP
W	333 CL/	41 51	REET, SUITE					HOUSTO	IN	TX		7078
Q.	WELI	,		DEGREES	MINUTES	SECO					-	
AL/	LOCATI	ON	LATITUDE	32	36		7.00 _N]	REQUIRED: ONE TEN	TH OF A SEC	COND	
GENERAL AND WELL LOCATION	(FROM C	iPS)	LONGITUDE	103	15	5	5.00 W	* DATUM REC	QUIRED: WGS 84			
GE	DESCRIPT	ION REI	LATING WELL LOCA	TION TO STREET ADDRE	SS AND COMMON	LANDM	IARKS					
<u> </u>	1 1/2 M	ILE S	OUTH OF MC	NUMENT NM O	N HWY 80, I	LEA C	O					
			(10 A CRE)	T (40.4 CRE)	(140.460)		A POTION	···	TOWNSHIP		RANGE	
,	(2.5 ACI		(10 ACRE)	(40 ACRE)	(160 ACRE		SECTION		TOWNSHIP	NORTH	KANGE	☐ EAST
OPTIONAL	SUBDIVISI	ON NAA	1/4	1/4	1/2	4	LOT NUM	(DED	BLOCK NUMBER	SOUTH	UNIT/TRA	☐ west
TI0	SOBDIVISI	ON NAN	ne.				LOT NOW	IBER	BLOCK NOWIBER		OMITAKA	C1
	HYDROGR	APHIC S	SURVEY						MAP NUMBER		TRACT NO	JMBER
2.												
	LIGENIOEN	B IV ADED	NAMEOFIL	CENSED DRILLER					NAME OF WELL DR	II I DIC CO	4DANIV	
	LICENSE N	омвек 1478		STRAUB					STRAUB CO			
	DRILLING				PLETED WELL (F	T)	T BORE HO	LE DEPTH (FT)	DEPTH WATER FIR			
		3-09	3-23-0		47	1)	1	47	DEITH WATERTIN	31 ENCOUN	TERED (TT)	
Ω				<u> </u>			1		STATIC WATER LET	VEL IN COM	PLETED WE	LL (FT)
DRILLING INFORMATION	COMPLET	ED WEL	L IS: ARTESI.	AN DRY HOLE	SHALLO	W (UNC	ONFINED)					
FOI	DRILLING	FLUID:	AIR	MUD	ADDITIV	'ES – SPE	CIFY:					
G II	DRILLING	метно	D: ROTAR	HAMMER	CABLE T	OOL	ОТНЕ	ER - SPECIFY:				
LIN	DEPI	Ή (FT)	BORE HO	OLE O	CASING		CON	NECTION	INSIDE DIA.	CASING	G WALL	SLOT
RIL	FROM	TC	——		ATERIAL		1	(CASING)	CASING (IN)		IESS (IN)	SIZE (IN)
3. D												
		··										
		L										
	DEPT	H (FT)	THICKN	ESS F	ORMATION DE	ESCRIP	TION OF P	RINCIPAL W	ATER-BEARING S	TRATA	 	YIELD
TA	FROM	TC			(INCLUDE V	VATER-	BEARING	CAVITIES O	R FRACTURE ZON	ES)		(GPM)
STRATA					,					_		
S S												
Z.												
3EA												
ERI								····				
WATER BEARING	METHOD	USED TO	ESTIMATE YIELD	F WATER-BEARING STR.	ATA				TOTAL ESTIMATED	WELL YIEI	D (GPM)	
. ₹	{										•	
	1						-					
	FOR OS	E INTE	RNAL USE						WELL RECO	RD & LOG	(Version 6	/9/08)

POD NUMBER

TRN NUMBER

MP	TYPE OF	PUMP:	☐ SUBMER		☐ JET ☐ CYLINDER	☐ NO PUMP WELL NOT EQUIPPED☐ OTHER SPECIFY:			
SEAL AND PUMP	ANNU	LAD	DEPTH FROM	TO	BORE HOLE DIA. (IN)	MATERIAL TYPE AND SIZE	AMOUNT (CUBIC FT)	METH(PLACE	
'AL	SEAL	AND	47'	2'	2	1 .5 BAGS OF 3/8 HOLEPLUG	-	TOPL	.OAD
5. SE	GRAVEL	. PACK	2'	0	2	.5 BAG OF CONCRETE		TOPL	.OAD
	DEPTH	I (FT)	THICK (FT			COLOR AND TYPE OF MATERIAL ENCOUNTI		WA? BEAR	
	TROM	10			(☐ YES	
					,			☐ YES	□ NO
								☐ YES	□NO
				==-				☐ YES	□NO
ایا			,					☐ YES	□NO
ÆLI								☐ YES	□ NO
F W							•	☐ YES	□NO
0.56								☐ YES	□NO
СС								☐ YES	□NO
6. GEOLOGIC LOG OF WELL				-				YES	□NO
TOI								YES	□NO
6. Gl							·	☐ YES	□NO
							•	☐ YES	□NO
								☐ YES	□NO
								☐ YES	□NO
								☐ YES	□NO
								☐ YES	□NO
			ATTACU	ADDITION	IAL DACES AS NE	EDED TO FULLY DESCRIBE THE GEOLOGIC	LOC OF THE WELL	1E3	
	<u> </u>		ATTACH				LOG OF THE WELL		
<u>စ</u>		mnom	METHOD:	BAILE		☐ AIR LIFT ☐ OTHER – SPECIFY:			
AL INFO	WELL	IESI				ATA COLLECTED DURING WELL TESTING, I AND DRAWDOWN OVER THE TESTING PERIO		IME, END TI	ME,
NO.	ADDITION	AL STATEM	MENTS OR EXPL	ANATIONS:					
7. TEST & ADDITION	PLUGG								
AD	10 FT C	ASING	REMOVE	D FROM I	HOLE				
7 &									
TES									
7.									
						ST OF HIS OR HER KNOWLEDGE AND BELIE			
URE						O THAT HE OR SHE WILL FILE THIS WELL RE ON OF WELL DRILLING:	ECORD WITH THE ST	ATE ENGINI	EER AND
\AT	GO C	MILL HOL	L O	20 DA 13 A	I TER COMI LETT	ON OF WELL BRIEFING.			
SIGNATURE	"	M	\î }	たのと	•	4-1-09			
osi osi			SIGNATUR	RE OF DRIL	LER	DATE			
					· · · · · · · · · · · · · · · · · · ·				

FOR OSE INTERNAL USE		WELL RECORD & LOG (Version 6/9/08)
FILE NUMBER	POD NUMBER	TRN NUMBER
LOCATION		PAGE 2 OF 2



												
-		BER (WELL N						OSE FILE NUM	MBER(S)			
NO	LEA TO	MONU	MENT MW-6									
CAT		VER NAME(S	•					PHONE (OPTIO	ONAL)			
ρ			ETING LP									
3LL			ig address EET, SUITE 1	1600				CITY HOUSTO	NI	state TX	77	ZIP 7078
ΙΜ.	333 CL	AI ŞIKL	LE1, 3011E				-	100310				076
ANI	WELL			DEGREES	MINUTES	SECO		* * * * * * * * * * * * * * * * * * * *	DECLUBED OVE TEX	THE A PE	2010	
ζ¥Γ	LOCATION (FROM G		ATITUDE	32	36		6.00 N		' REQUIRED: ONE TEN QUIRED: WGS 84	THUF A SE	COND	
GENERAL AND WELL LOCATION	(TROM C	LC	ONGITUDE	103	15	5	5.00 W	DATOM REC	gondes. Web 0+			
GE				ON TO STREET ADDRE								
-	1 1/2 MI	LE SOU	JIH OF MON	UMENT NM O	N HWY 80,	LEA (03					
	(2.5 ACF	E)	(10 ACRE)	(40 ACRE)	(160 ACR	E)	SECTION		TOWNSHIP		RANGE	
١٢	<i>'</i>	/4	1/4	1/4	1/	4				NORTH SOUTH		EAST WEST
ON/	SUBDIVISI	ON NAME			Į.		LOT NUM	BER	BLOCK NUMBER		UNIT/TRA	
OPTIONAL											1	
2. (HYDROGR	APHIC SURV	VEY						MAP NUMBER		TRACT NU	JMBER
											<u> </u>	
	LICENSE NUMBER NAME OF LICENSED DRILLER WD1478 MARTIN STRAUB								NAME OF WELL DE			
							·		STRAUB COI			
	DRILLING	STARTED 3-09	3-23-09	ED DEPTH OF COM	PLETED WELL (F	Т)		е DEPTH (FT) 47	DEPTH WATER FIR	RST ENCOUN	TERED (FT)	
NOI	J-Z.		0-20-03					71	STATIC WATER LE	VEL IN COM	PLETED WEI	LL (FT)
MAT	COMPLETE	ED WELL IS:	ARTESIAN	DRY HOLE								(/
DRILLING INFORMATION	DRILLING	ELUID:	AIR	MUD	ADDITIV	/FS _ SPE	CIFY:		ı		·	
N.	DRILLING		ROTARY	HAMMER	CABLE			R – SPECIFY:				
CINC		H (FT)	BORE HOL		CASING		т		DIGIDE DIA		0.111.1	01.0T
RILI	FROM	TO	DIA. (IN)	1	ATERIAL		1	NECTION (CASING)	INSIDE DIA. CASING (IN)		G WALL IESS (IN)	SLOT SIZE (IN)
3. D												
							<u></u>		<u> </u>	<u> L</u>		
		H (FT)	THICKNES	S F					ATER-BEARING S			YIELD
ATA	FROM	ТО	(FT)		(INCLUDE \	WATER	-BEARING	CAVITIES O	R FRACTURE ZON	NES)		(GPM)
STR												
S			-									
EAR												
R BI					·			.	····		<u> </u>	
WATER BEARING STRATA	METHOD U	USED TO EST	TIMATE YIELD OF	WATER-BEARING STR.	ATA				TOTAL ESTIMATED	WELL YIE	LD (GPM)	ř
			•						1			
4,												

FOR OSE INTERNAL USE		WELL RECORD & LOG	(Version 6/9/08)
FILE NUMBER	POD NUMBER	TRN NUMBER	_
LOCATION			PAGE 1 OF 2

MP	TYPE OF	FPUMP:	☐ SUBMER		☐ JET ☐ CYLINDER	☐ NO PUMP – WELL NOT EQUIPPED☐ OTHER – SPECIFY:			
SEAL AND PUMP	ANNU	II AR	DEPTH FROM	I (FT)	BORE HOLE DIA. (IN)	MATERIAL TYPE AND SIZE	AMOUNT (CUBIC FT)	METHO PLACE	
'AL	SEAL	AND	47'	2'	2	1 .5 BAGS OF 3/8 HOLEPLUG		TOPL	.OAD
5. SE	GRAVE	L PACK	2'	0	2	.5 BAG OF CONCRETE		TOPL	.OAD
	DEPTI	H (FT)	THICK	NESS		COLOR AND TYPE OF MATERIAL ENCOUNT	ERED	WA	TER
	FROM	TO	(FT			JDE WATER-BEARING CAVITIES OR FRACT		BEAR	
								☐ YES	□ NO
							· 	☐ YES	□ NO
								☐ YES	□ NO
								☐ YES	□ №
1								☐ YES	□ №
WEI								☐ YES	□NO
OF.								☐ YES	□NO
,0G								☐ YES	□ №
GEOLOGIC LOG OF WELL								☐ YES	□ №
907								☐ YES	□ NO
EO								☐ YES	□NO
9. (☐ YES	□NO
								☐ YES	□NO
								☐ YES	□NO
								☐ YES	□NO
								☐ YES	□NO
								☐ YES	□NO
			ATTACH	ADDITION	IAL PAGES AS NE	EEDED TO FULLY DESCRIBE THE GEOLOGIC	LOG OF THE WELL		
			METHOD:	BAILE	R DUMP	☐ AIR LIFT ☐ OTHER SPECIFY:			
AL INFO	WELL	TEST				DATA COLLECTED DURING WELL TESTING, AND DRAWDOWN OVER THE TESTING PERI		IME, END T	IME,
NA.	ADDITION	IAL STATE	MENTS OR EXPL						
7. TEST & ADDITION	1	ING RE							
QQ\	5 FT CA	ASING F	REMOVED	FROM H	OLE				
8									
ESI									
7.1									
<u> </u>	THEIR	DEDGLOST	ED HERERY	CERTIFIES (THAT TO THE DE	EST OF HIS OR HER KNOWLEDGE AND BELII	THE FOREGORIO	O A TRUE 1	NID
RE	CORREC	CT RECOR	D OF THE AE	SOVE DESC	RIBED HOLE ANI	O THAT HE OR SHE WILL FILE THIS WELL R	ECORD WITH THE ST.	ATE ENGIN	EER AND
ATL	THE PER	RMIT HOL	DER WITHIN.	20 DAYS A	FTER COMPLETI	ON OF WELL DRILLING:			
SIGNATURE	1 m	ut	~ Xt	5 L		4-1-09			!
8. S	-/- '	0-0	SIGNATUR	RE OF DRILL	LER	DATE			
<u></u>	<u> </u>								

FOR OSE INTERNAL USE		WELL RECORD & LOG	(Version 6/9/08)
FILE NUMBER	POD NUMBER	TRN NUMBER	
LOCATION			PAGE 2 OF 2



											· · · · · · · · · · · · · · · · · · ·			
	POD NUME									OSE FILE NUN	MBER(S)			
ION	LEA TO	MON	UM	ENT MW-7										
AT	WELL OWN									PHONE (OPTIO	ONAL)			
COC	PLAINS	MAR	KE	ΓING LP										
[[]	WELL OWN									CITY		STATE		ZIP
WE	333 CLA	AY ST	REI	ET, SUITE	1600					HOUSTO	N	TX	77	078
N	WELL				DEGREES	MINU	JTES SEC	ONDS				-		*
LA	LOCATI	ON	LAT	ITUDE	32		36	5.0	0 N	* ACCURACY	REQUIRED: ONE TEN	TH OF A SEC	COND	
GENERAL AND WELL LOCATION	(FROM G	PS)	LON	GITUDE	103		15 5	56.0	0 W	* DATUM REC	QUIRED: WGS 84			
EN	DESCRIPT	ION REL			ON TO STREET ADDRES	SS AND	COMMON LAND	MARI	KS .	 				
1. (1 1/2 MI	ILE SO	TUC	TH OF MON	UMENT NM OI	ини	/Y 80, LEA	СО						
	(2.5 ACF	(E)		(10 ACRE)	(40 ACRE)		(160 ACRE)	SI	ECTION		TOWNSHIP	NORTH	RANGE	☐ EAST
ΑΓ	,	/4		1/4	1/4		1/4					SOUTH		west
OPTIONAL	SUBDIVISI	ON NAM	E					L	OT NUM	IBER	BLOCK NUMBER		UNIT/TRA	СТ
TAC														
7. (HYDROGR	APHIC SU	URVE	ΣΥ							MAPNUMBER		TRACT NU	JMBER
	LICENSE N			NAME OF LICE					ı		NAME OF WELL DE			
	WD1478 MARTIN STRAUB							_		STRAUB CO				
1	DRILLING STARTED DRILLING ENDED DEPTH OF COMPLETED WELL (I									LE DEPTH (FT)	DEPTH WATER FIF	RST ENCOUN	ITERED (FT)	
NO	3-2	3-23-09 3-23-09 47							47					
ATI	COMPLETI	ED WELL	10.	ARTESIAN	DRY HOLE	Г	SHALLOW (UNG	ONF	NED)		STATIC WATER LE	VEL IN COM	PLETED WEI	LL (FT)
DRILLING INFORMATION	COMILETT		. 10.				J STEREED W (CITA							
NFC	DRILLING	FLUID:		AIR	MUD	L.	ADDITIVES - SF	PECIF	Y:					
Ğ.	DRILLING	METHOE):	ROTARY	HAMMER		CABLE TOOL		ОТНЕ	ER - SPECIFY:				
CLI)	DEPT	H (FT)		BORE HOL	E (CASIN	G		CON	NECTION	INSIDE DIA.	CASING	G WALL	SLOT
DRI	FROM	TO		DIA. (IN)	M	ATERI	AL		TYPE	(CASING)	CASING (IN)	THICKN	IESS (IN)	SIZE (IN)
ω. _														
								_						
														_
		L												
_	DEPT	H (FT)		THICKNES	S F						ATER-BEARING S		-	YIELD
STRATA	FROM	ТО		(FT)		(INC	CLUDE WATEI	R-BE.	ARING	CAVITIES O	R FRACTURE ZON	NES)		(GPM)
TR					•									
Ş														
R														
BE⊿														
LER		<u> </u>												
WATER BEARING	METHOD (USED TO	ESTI	MATE YIELD OF	WATER-BEARING STRA	ATA					TOTAL ESTIMATE	D WELL YIEI	LD (GPM)	
4.					•									. *
_											<u> </u>			

FOR OSE INTERNAL USE	WELL RECORD & LOG	(Version 6/9/08)	
FILE NUMBER	POD NUMBER	TRN NUMBER	
LOCATION			PAGE 1 OF 2

JMP	TYPE O	F PUMP:	☐ SUBMER☐ TURBIN		☐ JET ☐ CYLINDER	☐ NO PUMP – WELL NOT EQUIPPE)		·
SEAL AND PUMP	ANNI	JLAR	DEPTH FROM	TO	BORE HOLE DIA. (IN)	MATERIAL TYPE AND SIZE	AMOUNT (CUBIC FT)	METH PLACE	
(AL	SEAL	. AND	47'	2'	2	1 .5 BAGS OF 3/8 HOLEPLUG		TOPL	.OAD
5. SI	GRAVE	L PACK	2'	0	2	.5 BAG OF CONCRETE		TOPLOAD	
								<u> </u>	
	DEPT	H (FT)	THICK	NESS		COLOR AND TYPE OF MATERIAL ENCOU	NTERED	WA	ΓER
	FROM	ТО	(FT	Γ)	(INCL)	JDE WATER-BEARING CAVITIES OR FRAC	CTURE ZONES)	BEAR	
								☐ YES	□NO
								☐ YES	□NO
							•	☐ YES	□ №
								☐ YES	□NO
7								☐ YES	□ NO
WEI								☐ YES	□NO
OF								☐ YES	□ NO
907								☐ YES	□NO
JIC.	1							☐ YES	□NO
GEOLOGIC LOG OF WELL								☐ YES	□ NO
GEO								☐ YES	□ №
9				-				☐ YES	□ NO
								☐ YES	□ NO
								☐ YES	□ NO
								☐ YES	□ NO
								☐ YES	□ио
								☐ YES	□ №
			ATTACH	ADDITION	AL PAGES AS NE	EDED TO FULLY DESCRIBE THE GEOLOG	IC LOG OF THE WELL		
			METHOD:	BAILE	R PUMP	☐ AIR LIFT ☐ OTHER – SPECIFY:			
AL INFO	WELL	. TEST	TEST RESU	LTS - ATTA	CH A COPY OF D	ATA COLLECTED DURING WELL TESTING AND DRAWDOWN OVER THE TESTING PE	G, INCLUDING START T	IME, END T	МЕ,
ONA	ADDITION	NAL STATE	MENTS OR EXPL	ANATIONS:					
7. TEST & ADDITION		ING RE							
ADI	ALL CA	SING R	EMOVED F	FROM H	DLE				
T &									
TES									
7.									
	THE UN	DERSIGN	ED HEREBY C	CERTIFIES T	ГНАТ, ТО ТНЕ ВЕ	ST OF HIS OR HER KNOWLEDGE AND BE	LIEF, THE FOREGOING	IS A TRUE A	ND ND
URE	CORREC	CT RECOR	D OF THE AB	OVE DESC	RIBED HOLE AND	O THAT HE OR SHE WILL FILE THIS WELL ON OF WELL DRILLING:	RECORD WITH THE ST.	ATE ENGINI	EER AND
NAT	0		t: 1	1	I LER COM LET	on of webs skiesing.			
SIGNATURE		16	m of	trank	<u>, </u>	4-1-09			
∞i			SIGNATUR	E OF DRIL	LER	DATE			
				-					<u>.</u>

FOR OSE INTERNAL USE		WELL RECORD & LOG	(Version 6/9/08)
FILE NUMBER	POD NUMBER	TRN NUMBER	
LOCATION			PAGE 2 OF 2



FILE NUMBER

LOCATION

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

NO	POD NUMBER	•	UMBER) MENT MW-8					OSE FILE NUMBER(S)					
OCATI	WELL OWNER			·				PHONE (OPTIONAL)					
VELL L	WELL OWNER 333 CLAY		ET, SUITE	1600				CITY STATE HOUSTON TX 77			ZIP '078		
GENERAL AND WELL LOCATION	WELL LOCATION LAT		TITUDE			MINUTES SECONDS 36 7.00 N		* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84					
1. GENE	DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS 1 1/2 MILE SOUTH OF MONUMENT NM ON HWY 80, LEA CO												
	(2.5 ACRE)		(10 ACRE)	(40 ACRE)	(160 ACRE)		SECTION		TOWNSHIP	NORTH SOUTH	RANGE	EAST	
OPTIONAL	SUBDIVISION	NAME			IBER	BLOCK NUMBER		UNIT/TRA					
2. (HYDROGRAPI	HIC SURV	EY						MAP NUMBER		TRACT NU	JMBER	
		LICENSE NUMBER NAME OF LICENSED DRILLER WD1478 MARTIN STRAUB							NAME OF WELL DRILLING COMPANY STRAUB CORPORATION				
NO	DRILLING STARTED 3-23-09		3-23-09	, , ,			BORE HOLE DEPTH (FT) 46		DEPTH WATER FIR				
RMATI	COMPLETED	WELL IS:	ARTESIAN	DRY HOLE	DRY HOLE SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT)				
G INFO	DRILLING FLU		air rotary	MUD HAMMER					ER – SPECIFY:				
3. DRILLING INFORMATION	DEPTH (DEPTH (FT) BORE HOLE FROM TO DIA. (IN)			CASING MATERIAL		CONNECTION TYPE (CASING)		INSIDE DIA. CASING (IN)		G WALL NESS (IN)	SLOT SIZE (IN)	
~1													
	DEPTH (FT) THICKNESS FORMATION DESCRIPTION C											YIELD (GPM)	
STRATA	FROM	то	(FT)		(INCLUDE W	VAIEK-B	EARING	CAVITIES	R FRACTURE ZON	IES)		(GPM)	
ARINGS													
WATER BEARING	METHOD USE	ED TO EST	IMATE YIELD OF	WATER-BEARING STR	ATA				TOTAL ESTIMATED	WELL YIE	LD (GPM)		
4. Y	FOR OSE IN	AITEDNI 4	AL LISE	· ·				· · · · · · · · · · · · · · · · · · ·	WELL RECO	nn e 100	· · · · · · · · · · · · · · · · · · ·	(0/08)	

POD NUMBER

TRN NUMBER

Ь	TYPE O	F PUMP:	SUBMER		□ JET	☐ NO PUMP WELL NOT EQUIPPED ☐ OTHER SPECIFY:			
ΩM			TURBIN	E	CYLINDER				
SEAL AND PUMP	ANNULAR SEAL AND GRAVEL PACK		DEPTH (FT) FROM TO		BORE HOLE DIA. (IN)	MATERIAL TYPE AND SIZE	AMOUNT (CUBIC FT)	METHOD OF PLACEMENT	
AL			46'	2'	2	1 .5 BAGS OF 3/8 HOLEPLUG		TOPLOAD	
S. SE			2'	0	2	.5 BAG OF CONCRETE		TOPL	.OAD
V.									
	DEPT	H (ET)	THICK	NECC		COLOR AND TYPE OF MATERIAL ENCOURTS	CDCD		
	DEPTH (FT) FROM TO		(F7		(INCL	COLOR AND TYPE OF MATERIAL ENCOUNTI UDE WATER-BEARING CAVITIES OR FRACTU		WATER BEARING?	
				·				☐ YES	□ NO
								☐ YES	□ NO
								☐ YES	□NO
								☐ YES	□NO
بِـ ا								☐ YES	□NO
VEL								☐ YES	□NO
OF.								☐ YES	□ NO
ÖÖ								☐ YES	□NO
101								YES	□NO
GEOLOGIC LOG OF WELL								☐ YES	□ NO
EOI:					-			☐ YES	□ NO
6.6								☐ YES	□NO
								YES	□NO
								☐ YES	□NO
 								☐ YES	□NO
								YES	□ NO
								YES	□ NO
		<u> </u>	ATTACH	ADDITION	IAL PAGES AS NI	EEDED TO FULLY DESCRIBE THE GEOLOGIC	LOG OF THE WELL	1	
				BAILE		= 49/= 14			
FO	WELL	TEST	METHOD:			AIR LIFT OTHER - SPECIFY:	NOLLIDANO OTA DE T		D.45
AL INFO						DATA COLLECTED DURING WELL TESTING, I AND DRAWDOWN OVER THE TESTING PERIC		IME, END II	ME,
NO.	ADDITION	NAL STATEM	MENTS OR EXPL	ANATIONS:					
TEST & ADDITION		ING RE		S EDOM	101 5				
(AD	10 F1 C	SASING	REMOVE	JEKUMI	HOLE				
ST &									
TE									
7.					<u>.</u>				
(-)						EST OF HIS OR HER KNOWLEDGE AND BELIE			
[HR]	CORRECT THE PER	CT RECOR	D OF THE AB DER WITHIN	BOVE DESC 20 DAYS A	RIBED HOLE ANI FTER COMPLETI	D THAT HE OR SHE WILL FILE THIS WELL RE ON OF WELL DRILLING:	CORD WITH THE STA	ATE ENGINE	EER AND
NAT	OV	\ <u>\</u>	+	F 1					
SIGNATURE		1 /ai	1~ <u>A</u>	ma)		4-1-09			
∞		,	SIGNATUR	RE OF DRILI	LER	DATE			
									<u>-</u>

•

•

FOR OSE INTERNAL USE	WELL RECORD & LOG (Ve	rsion 6/9/08)	
FILE NUMBER	TRN NUMBER		
LOCATION		PA	GE 2 OF 2



FILE NUMBER

LOCATION

	POD NUMBE	,	•					OSE FILE NUMBER(S)						
NO.	LEA TO I	MONUM	MENT MW-9											
CAT	WELL OWNE							PHONE (OPTIONAL)						
700	PLAINS I						V							
(LL	WELL OWNE		GADDRESS ET, SUITE 1	1600				CITY STATE HOUSTON TX 7			77	ZIP 7078		
W	333 CLA	T SINE	EI, SUITE		600					TX		076		
ANE	WELL			DEGREES	MINUTES	SECO			THE CHECK	m	20115			
M	LOCATION (FROM GP	2	TITUDE	32	36		6.00 N		REQUIRED: ONE TEN QUIRED: WGS 84	TH OF A SE	JOND			
GENERAL AND WELL LOCATION	(FROM GF.	LO	NGITUDE	103	15	5	5.00 W	Diviolar Res						
GE	DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS													
1	1 1/2 MIL	1 1/2 MILE SOUTH OF MONUMENT NM ON HWY 80, LEA CO												
	(2.5 ACRE	:)	(10 ACRE)	(40 ACRE)	(160 ACR	RE)	SECTION		TOWNSHIP	NORTH	RANGE	EAST		
OPTIONAL	1/4		1/4	1/4	1,	/4				SOUTH		west		
	SUBDIVISIO	NAME					LOT NUM	1BER	BLOCK NUMBER		UNIT/TRA	СТ		
										· · · · · · · · · · · · · · · · · · ·				
2.	HYDROGRAPHIC SURVEY								MAP NUMBER TRACT NU			MBER		
	<u> </u>		T											
	LICENSE NUMBER NAME OF LICENSED DRILLER WD1478 MARTIN STRAUB							NAME OF WELL DR						
	DRILLING ST		DRILLING END		DEPTH OF COMPLETED WELL (FT) BORE HOLE I			F DEPTH (FT)	DEPTH WATER FIR					
7	3-23		3-23-09					47		or priced.	TEICED (IT)			
TIO			1	1					STATIC WATER LE	VEL IN COM	PLETED WEI	LL (FT)		
MA	COMPLETED	WELL IS:	ARTESIAN	DRY HOLE	DRY HOLE SHALLOW (UNCONFINED)									
FOR	DRILLING FI	LUID:	AIR	MUD	MUD ADDITIVES - SPECIFY:									
DRILLING INFORMATION	DRILLING METHOD: ROTARY HAMMER CABLE TOOL OTHE						ER - SPECIFY:							
TIN	DEPTH (FT) BORE HOLE			E (CASING		CONT	NECTION	INSIDE DIA.	CASIN	G WALL	SLOT		
RIL	FROM	TO	DIA. (IN)	М	MATERIAL			(CASING)	CASING (IN)		IESS (IN)	SIZE (IN)		
3. I												A.		
								_						
			 		 	-								
			<u> </u>				<u> </u>		<u> </u>	<u> </u>				
₹	DEPTH (FT)		THICKNESS FORMATION DESCRIPTION OF I (FT) (INCLUDE WATER-BEARING								YIELD (GPM)			
STRATA	FROM TO (F1)			(INCLUDE WATER-BEARING CAVITIES				TRACTORE ZON			(0,1)			
ST								<u>-</u> <u>-</u>		· · · · · ·				
SING														
EAF														
ER B														
WATER BEARING	METHOD US	ED TO EST	IMATE YIELD OF	WATER-BEARING STR	ATA				TOTAL ESTIMATED	WELL YIE	.D (GPM)			
. ¥]							٠.				•		
	1													
	FOR OSE 1	INTERNA	L USE						WELL RECO	RD & LOC	(Version 6	/9/08)		

POD NUMBER

TRN NUMBER

JMP	TYPE OF PUMP:		IP: ☐ SUBMERSIBLE ☐ JET ☐ NO PUMP – WELL NOT EQUIPPED ☐ TURBINE ☐ CYLINDER ☐ OTHER – SPECIFY:						
SEAL AND PUMP	ANNULAR SEAL AND GRAVEL PACK		DEPTH (FT) FROM TO		BORE HOLE DIA. (IN)	MATERIAL TYPE AND SIZE	AMOUNT (CUBIC FT)	METH(PLACE	
(AL			47'	2'	2	1 .5 BAGS OF 3/8 HOLEPLUG		TOPL	OAD
5. SI			2'	0	2	.5 BAG OF CONCRETE		TOPL	OAD
	DEPTH (FT)		THICKNESS		COLOR AND TYPE OF MATERIAL ENCOUNTERED				TER ING?
	FROM TO		(FT		(INCLU	JDE WATER-BEARING CAVITIES OR FRACT	URE ZONES)		
								YES	□ NO
		!						☐ YES	□NO
								☐ YES	□NO
								☐ YES .	□ NO
T,								☐ YES	□ NO
WEL								☐ YES	□ NO
GEOLOGIC LOG OF WELL								☐ YES	□NO
,0G								☐ YES	□NO
1C I								☐ YES	□NO
507		_				1.000		☐ YES	□NO
GEO								☐ YES	□ NO
6.								☐ YES	□NO
1								☐ YES	□ NO
								☐ YES	□ио
								☐ YES	□ио
								☐ YES	□ио
								☐ YES	□ио
			ATTACH	I ADDITION	IAL PAGES AS NE	EDED TO FULLY DESCRIBE THE GEOLOGIC	LOG OF THE WELL		
			METHOD:	BAILE	R DUMP	☐ AIR LIFT ☐ OTHER – SPECIFY:			
AL INFO	WELL	TEST				NATA COLLECTED DURING WELL TESTING,		IME, END T	ME,
NA.	ADDITION	NAL STATES	MENTS OR EXPL					····	
7. TEST & ADDITION		ING RE		ANATIONS.					
E G			EMOVED	FROM H	OLE				
્રે ઝ									
EST									
7. T									
-	TUELE	DEDCCO	ED HEDSSY.	OPPARENCE	THAT TO THE ST	SET OF THE OD HED WASHINGTON AND DELY	EF THE FORESCO.	G A TRAIN	NID.
R.	CORREC	CT RECOR	D OF THE AE	BOVE DESC	RIBED HOLE ANI	EST OF HIS OR HER KNOWLEDGE AND BELI D THAT HE OR SHE WILL FILE THIS WELL R			
ATU	THE PE	RMIT HOL	DER WITHIN	120 DAYS A	FTER COMPLETI	ON OF WELL DRILLING:			
SIGNATURE	M	2mt	はこ	tra &	•	4-1-09			
8.S			SIGNATION	RE OF DRIL	L.ER	DATE			
<u></u>	<u> </u>		JONATOR						

FOR OSE INTERNAL USE	(Version 6/9/08)		
FILE NUMBER	POD NUMBER	TRN NUMBER	
LOCATION			PAGE 2 OF 2