

## 30-025-40420

Project 1	No.:	5079	95A	Date: 4	-1-2012	Repo	rt No.:	16	Repo	rted By	y: Gerald	Ardoin		
Operato	r:			AGI#1				· · · · · · · · · · · · · · · · · · ·					- <del>-</del>	_
Contrac		Uni				Rig N			Coun	ty/Pari			State:	NM
Depth:		3440			40	Form	ation:			]	Tops New Form			
Activity		ort T		Drilling								RKB:	15	
Tim	ne Log		Elaps					Deta	ils of	Oners	ation			
From	T	`o	Tim	е				1000		Opera				
							(0.41)				<del></del>			
06:00		:00	5.0			to 3186',			lph					_
11:00 11:30		_	.50 18.:		survey	@3151' ( to 3440',	o degree	) /a rani 13	fnh		<del></del>	·		
11.30	) 00:	.00	10	Dillillo	11 31 60	10 3440 ,	(234 ) av	g top. 13	Tpii		<del>.</del>			
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Pu	ımp Red			Our Rec	ord		Bits	M	ıd		Drilling Assem	bly	Dev	iation
	No. 1		0. 2	Hrs RU	<del>-</del>	Bit#	2	Wt	10.7	No.	Description	Length	Depth	Dev.
Lin/St	9	+	9	Drilling	16.5	Size	12 1/4	Vis	30		Bit .	1.5	152	.50
		_												į
SPM	80	<u> </u>	80	Cond/Circ	<u> </u>	Mfg	Smith	WL	100 -		Bit sub	2.15	322	.30
GPM	230		230	Tripping	4	Туре	MIG16	Gels	1/2/3		Shock sub	11.93	570	.50
Press	1100	<u> </u>	1100	Survey		Out		Oil			(2) 8" DC	57.37	860	.70
		$\perp$		Logging	<u> </u>	In	3035	Solid	1.4		12 ¼ stab		1413	.10
		_		Cem/WoC		Ftg	405	pН	9.3		8" DC	30.52	1607	0.2
		- -		Misc	3.5	Hrs	31	Chl	189k		12 ¼ stab		2021	1.5
		$\perp$		Fishing	ļ	Bit Wt	15				(3) 8" DC	87.62		
ļ		$\perp$		Run Csg		RPM	100				(9) 6.5 DC	273.88		

FOR RECORD ONLY. EL 1-1-2013



Project	No.:	5079	95A	Date:	4-2-2012	Repo	rt No.:	17	Repo	rted By	: Gerald	Ardoin		
Operato			jamar A		<del></del>		<del>-</del>	·	1					
Contrac		Uni				Rig N	Jo. 41		Cour	ıty/Pari	sh: Lea		State:	NM
Depth:		3620		Ft. Cut:	180	Form					Tops New For	m:		<del></del>
Activity	at Re			Drilling						<u> </u>		RKB:	15	
	ne Log		Elapse									1	L	_
From	<del></del>	To	Time					Deta	ails of	Opera	ition			
110111	_†_						<del> </del>			***				
06:00	0 0	8:00	2.0	Drill fro	m 3450'	to 3471',	(21') avg	g rop: 10	fph			-		
08:00	0 0	8:30	.50	Wireline	e survey	@3436',	(.60)							
08:30	0 1	1:30	3.0	Drill fro	m 3471'	to 3502',	(31') avg	g rop: 10	fph.		<del></del>			
11:30	0 1:	2:00	.50	Service	rig								-	
12:00	0 1	8:30	6.5	Drill fro	m 3502'	to 3576',	(74') avg	g rop: 11	fph					
18:30	0 1	9:00	.50	Circulat	e bottom	s up			,					
19:00		1:30	2.5	Pull out	of hole,	no excess	drag. Ou	tside cut	ter on bit	chippe	d and damage	d.		
21:30	0 2	4:00	2.5	Pick up	new bit a	ınd trip in	hole to 3	576'						
24:00	0 0	6:00	6.0	Drill fro	m 3576'	to 3620',	(44') avg	g rop: 7 f	ph		<u>-</u>			
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		otal	24	<u> </u>										
	ump R			Our Re	cord		Bits		ud		Drilling Asser		<del></del>	iation
	No. 1			Hrs RU	1	Bit#	2	Wt	10.7	No.	Description	Length	Depth	Dev.
in/St	9		9	Drilling	17.5	Size	12 1/4	Vis	30		Bit	1.5	152	.50
PM	80	,	80	Cond/Circ	.5	Mfg	Smith	WL	100		Bit sub	2.15	322	.30
3PM	230			Tripping	5	Туре	MIG16	Gels	1/2/3		Shock sub	11.93	570	.50
ress	110			Survey	+ -	Out	3576	Oil	1,2,0		(2) 8" DC	57.37	860	.70
. 000		+		Logging		In	3035	Solid	1.4		12 ½ stab	31.31	1413	.10
				Cem/WoC		Ftg	405	pH	9.3		8" DC	30.52	1607	0.2
		$\dashv$		Misc	1	Fig Hrs	403	рп Chl	9.3 169k	-	12 ½ stab	30.32	3436	0.2
				Fishing	1	Bit Wt	15	CIII	107K		(3) 8" DC	87.62	J-130	
				Run Csg	-	RPM	100				(9) 6.5 DC	273.88	<del> </del>	-
	ł	- 1		Kun Csg	<u> </u>	INT IVI	100			íl	(3) 0.3 DC	2/3.88		



Project	No.:	50	795A	Date: 4	1-3-2012	Repor	t No.:	18	Repo	rted By	y: Gerald	Ardoin		
Operate	or:	Ma	ljamar	AGI #1				•						
Contrac	ctor:	Uı	nited			Rig N	o. 41		Coun	ty/Pari	sh: Lea		State:	NM
Depth:		39	30	Ft. Cut: 3	310	Forma	ation:			7	Γops New Form	1:		
Activit	y at R	eport	Time:	Drilling								RKB:	15	
Tir	me Lo	og	Elaps	sed				Date	:1£	0===	-4:			
From	_	To	Tim					Deta	ails of	Opera	ation			
06:0		18:30				to 3787',			fph					
18:3		19:00	.50			@3752' (.								
19:0	0 (	06:00	11.	Drill from	m 3787'	to 3930',	(143') av	/g rop: 13	fph					
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			+											
		Total	24											
P		Record		Our Rec	ord	]	Bits	M	ud		Drilling Assem	bly	Dev	ation
Pump	No.		No. 2	Hrs RU		Bit#	2	Wt	10.6	No.	Description	Length	Depth	Dev.
Lin/St		9	9	Drilling		Size	12 1/4	Vis	30		Bit	1.5	152	.50
SPM		80	80	Cond/Circ		Mfg	Smith	WL	100		Bit sub	2.15	322	.30
GPM		30	230	Tripping		Туре	GF371	Gels	1/2/3		Shock sub	11.93	570	.50
Press	11	100	1100	Survey		Out	ļ	Oil	<del></del>		(2) 8" DC	57.37	860	.70
				Logging		In	3576	Solid	5.7		12 ¼ stab		1413	.10
				Cem/WoC		Ftg	354	pН	10		8" DC	30.52	1607	0.2
				Misc		Hrs	30	Chl	180k		12 ¼ stab		2021	1.5
	1	ĺ		Fishing Run Csg		Bit Wt	40				(3) 8" DC	87.62	3436	.60
	+					RPM	80 -				(9) 6.5 DC	273.88	3752	.50



Project	No.:	5079	95A	Date:	4-4-2012	Repoi	rt No.:	19	Repo	orted B	y: Gerald	Ardoin		<del></del>
Operate	or:	Malj	jamar AC	GI #1			-							
Contra	ctor:	Uni	ted			Rig N	Jo. 41		Cou	nty/Par			State:	NM
Depth:		4215	5 F	t. Cut:	285	Form	ation:				Tops New Form	n:		
Activit	y at R	eport T	ime:	Circula	ting							RKB:	15	
Tir	me Lo	g	Elapsed					Det	ails of	Oner	ation			
From		To	Time					Deta	alis oi	Oper	ation			
								_						
06:0		10:00	4.0			to 3976',	(46') av	g rop: 11	fph					
10:0		10:30	3.0	Service		to 4008',	(222)	10	ful					
13:3		13:30 14:00	.50			<u>@</u> 3973' (.			три					
14:0		01:30	11.5	Drill fro	m 4008'	to 4215',	(207') a	va rop: 1	8 fob					
01:3		03:00	1.5			ndition mu		vg top. 1	o ipii					
03:0		05:00	2.0			ids, no ex		•						
05:0		06:00	1.0			ep and cir			•••	_				
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	7	Total .	24											
		Record		Our Re	cord		Bits		ud		Drilling Assem		Dev	iation
	No. 1			rs RU		Bit#	2	Wt	10.6	No.	Description	Length	Depth	Dev.
in/St	9	9	9 D	rilling	23.5	Size	12 1/4	Vis	30		Bit .	1.5	152	.50
PM -	Q	0	80 C	ond/Circ	+	Mfg	Smith	WL	100		Bit sub	2.15	322	.30
GPM		30		ripping	+	Туре	GF371	Gels	1/2/3		Shock sub	11.93	570	.50
ress				irvey	.50	Out	4215	Oil	1,2,3		(2) 8" DC	57.37	860	.70
	''	<del>**</del>		ogging	+	In	3576	Solid	5.7	<del> </del>	12 ¼ stab	7,.57	1413	.10
				em/WoC	+	Ftg	639	pH	10		8" DC	30.52	1607	0.2
	<del>                                     </del>	$\dashv$		isc	+	Hrs	48.5	Chl	180k		12 ¼ stab	30.32	2021	1.5
		<del>-   ·</del>		shing		Bit Wt	40				(3) 8" DC	87.62	3436	.60
	<b></b>			un Csg	·	RPM	80				(9) 6.5 DC	273.88	3752	.50
	L				Ш		1 30		<u> </u>	L	(7) 0.0 20	1 5.00	1 3,32	



Project l	No.:	5079				4-5-2012	Repoi	t No.:	20	Repo	orted B	y:	Geralo	d Ardoin		
Operato			amar A	AG:	I #1						-	·		<u> </u>	Γ <sub>-</sub>	
Contract	tor:	Uni		_			Rig N			Cour	nty/Pari		Lea		State:	NM
Depth:		4250		Ft	. Cut:		Form	ation:				Tops N	ew For		1.5	
Activity				4	Circula	ting								RKB:	15	
	ne Log		Elaps						Deta	ails of	Opera	ation				
From	<del></del>	То	Tim	e						· -						
06:00	) 0	7:30	1.5		Circula	te and co	ndition mu	ıd.		· · · · · · · · · · · · · · · · · · ·						
07:30		:30	4.0	$\overline{}$			lay down									
11:30		:00	12.5	$\overline{}$					dual later	olog, mi	crolate	rolog, c	lual spe	ectrum den	sity, xmac	-e
				7	optimiz	ed delta	monopole,	compen	sated neu	tron, dig	ital spe	ctralog	and te	mp, tensior	fluid	
				1	resistiv	ity log to	4250'									
24:00	) 0	2:30	2.5				bon log in									
02:30		4:30_	2.0	$\overline{}$			ledge @3		m thru le	dge and	trip in l	nole to	4190'.			
04:30		:30	1.0				)' to 4250'									
05:30	06	:00	.50	$\Box$	Pump 5	0 bbls hi	-vis sweep	and circ	ulate hole	e clean.				~~~		
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·	To	otal	24	1						•						
Pu	mp Re				Our Re	cord	]	Bits	M	ud	· · · ·	Drilling	Asser	nbly	Dev	viation
	No. 1		5. 2	Hrs	s RU		Bit#	2	Wt	10.6	No.		iption	Length	Depth	Dev.
Lin/St	9		9	Dr	illing	23.5	Size	12 1/4	Vis	30		Bit		1.5	152	.50
SPM	80		80	Co	nd/Circ		Mfg	Smith	WL	100		Bit su	ıh	2.15	322	.30
GPM	230				pping		Type	GF371	Gels	1/2/3	<u> </u>	Shock		11.93	570	.50
Press	110				rvey	.50	Out	4215	Oil	1/2/3		(2) 8'		57.37	860	.70
11688	110	<del>-  </del>			gging		In	3576	Solid	5.7		12 1/4		37.37	1413	.10
					gging m/WoC		Ftg	639	pH	10		8" DO		30.52	1607	0.2
				Mi.			Hrs	48.5	Chl	180k		12 1/4		30.32 /	2021	1.5
	-	-			hing		Bit Wt	40	Cili	1001		(3) 8'		87.62	3436	.60
		+			n Csg		RPM	80				(9) 6.		273.88	3752	.50
							<u></u>	_ <u> </u>	L		L	L (2) 0.		1 = 1 3.00	1 3732	



Project	No.	: 507	95A	Date:	4-6-2012	Repor	rt No.:	1	Repo	rted By	y: Gerald	Ardoin		· · · · · ·
Operate	or:	Mal	jamar A	GI #1			-	•						
Contra	ctor	: Un	ited			Rig N	Io. 41		Cour	nty/Pari	sh: Lea		State:	NM
Depth:		425	0 1	t. Cut:		Form	ation:		•		Tops New Forn	n:	•	
Activit	y at	Report 7	ime:	Cement	ing	•		•				RKB:	15	
Ti	me I	_og	Elapse	1				Data	:1£	0	-4:	·		
From	T	To	Time					Deta	ils of	Opera	ation			
06:0		08:30	2.5			ndition mu								
08:3	_	12:00	3.5				bit, shock							
12:0		13:30	1.5								meeting.			
13:3		20:00	6.5				5/8" J-55			4230′.				
20:0		02:30	6.5				ılate until							
02:3	_	03:00	.50				ig and Ha				1.1.1	L1.11	705 1	1.1.
03:0	<del>"</del>	06:00	3.0								bbls water, 20 ater 14.06 gal/s		acer, 705 b	DIS
	_		1											
	+		ļ			235 sks) t ne water.	ail cemen	t weight	14.8 ppf	, yield	1.33, mix wate	r 6.34 gal/	sk and disp	lace
·····	$\dashv$			With 25.	OBOIS OF	ne water.								
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	'ump No	Record	2 1	Our Re Irs RU	cora	Bit#	Bits	Mu			Drilling Assem			ation
Pump	INO	. 1 N			22.5	<b></b>		Wt	10.6	No.	Description	Length	Depth	Dev.
Lin/St		9	9 1	Prilling	23.5	Size		Vis	30		Bit		152	.50
SPM				ond/Circ		Mfg		WL	100		Bit sub		322	.30
			1	ripping		Туре		Gels	1/2/3		Shock sub		570	.50
GPM	- 1		S	urvey	.50	Out		Oil					860	.70
GPM Press						·	1	0-1:4		<del></del>	7 5/8 stab	1	1412	+
				ogging		In		Solid	5.7		/ 3/6 Stau		1413	.10
			I			In Ftg	-	pH	10		6.5" DC		1607	0.2
			I	ogging										
			I.	ogging Cem/WoC		Ftg		pН	10		6.5" DC		1607	0.2



Project	No.:	5079	95A	Date:	4-7-201	2 Repo	rt No.:	22	Re	ported B	y: (	Gerald	Ardoin		
Operato			jamar A	GI #1			,			<u> </u>	<del></del>		•		
Contrac		Uni				Rig N	No. 41		Co	unty/Par	ish: I	_ea		State:	NM
Depth:		4250		t. Cut:			ation:				Tops Ne		n:		1
Activity	v at Re				ng up bop			l .					RKB:	15	
	ne Log		Elapsed		8 P P										
From		To	Time	1				Deta	ails o	f Opera	ation				
1 10111	-	10	1 mic	-									···············		
06:00	0 0	7:00	1.0	Displa	ice cemen	t with 255	bbls brin	e and bur	np plu	g with 50	00 psi ov	er pum	p pressure	Hold for	15
	1					e pressure,			. 1 1	<u></u>			1.1		
07:0	0 07	7:30	.50		own Hallil										
07:30	0 18	3:00	10.5	Pick u	p bop's, a	ttempt to s	set slips,	failed. Pu	ll slips	and try t	o adjust	slips, V	Wood Grou	p thinks	
	_					slips and								-	
18:0	0 2	4:00	6.0		on new cas						<u> </u>			·	
24:0		3:00	3.0				slips . ni	ipple dow	n bop'	s and ins	tall secti	on "B"	test to 200	00 psi.	
03:0	$\overline{}$	5:00	3.0		e up 11"!5			A4	1						
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		otal	24												
Pt	ump R	ecord		Our R	lecord		Bits	M	ud		Drilling	Assem	bly	Dev	iation
ump	No. 1			rs RU		Bit#		Wt	9.0	No.	Descri	otion	Length	Depth	Dev
in/St	9		9 D	rilling		Size		Vis			Bit			152	.50
PM		1	C	ond/Circ	:	Mfg		WL			Bit sub	,		322	.30
PM		$\dashv$		ripping		Туре		Gels			Shock			570	.50
ress				urvey		Out		Oil			t			860	.70
	<del>                                     </del>	+		ogging		In	<del> </del>	Solid			7 5/8 s	tab	-	1413	.10
		+		em/WoC	` 1	Ftg	<del> </del>	pH		-	6.5" D		<del> </del>	1607	0.2
		+		lisc	23	Hrs	<del> </del>	Chl			7 5/8 s			2021	1.5
	ļ			ishing	23	Bit Wt					1 3/63			3436	.60
							+			+ :	(0) ( 5	DC	272.00		
	L .		K	un Csg		RPM	1				(9) 6.5	ער	273.88	3752	.50



Project N		5079		Date:	4-8-20	12 R	eport No.:	23	Repo	orted B	y: Geral	d Ardoin		
Operator:			amar A	GI #1		!								
Contracto		Unit					ig No. 41		Cou	nty/Pari			State:	NM
Depth:	4	4250	)	Ft. Cut:			ormation:			] [	Tops New For			
Activity a	at Repo	ort Ti	ime:	Trippi	ng in hol	e						RKB:	15	
Time	Log		Elapse	d				Date	ails of	Opera	ation			
From	To	0	Time					Deta	4115 01	Opera				
												<u> </u>		
06:00	17:		11.5		up bop'				<del></del>					•
17:30	20:0	00	2.5								500 psi hi, tes			
20.00		20						oke manife	old valve	s to 250	psi low and	2000 psi hi	·	
20:00	24:0		4.0				for bop's.	<u> </u>	1.000	10 11	1			
24:00	02:		2.0	l l			and test to 2	_		00 psi hi	i, test good.			
02:00	03:	$\overline{}$	1.0				nd (15) 6 ½		ars.					
03:00	06:	00	3.0	1 Trip in	note an	d lay do	wn excess o	irili pipe.						
	+			_						<del></del>			<u> </u>	
	<del>                                     </del>		_	+										
	1		·	<del> </del>	-									
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	Tota		24										<del></del>	
	np Rec				ecord		Bits		ud	<del>1</del>	Drilling Asser			iation
	lo. 1	No	,	Irs RU		Bit#	_	Wt	9.0	No.	Description	Length	Depth	Dev.
Lin/St	9			Drilling		Size		Vis	29		Bit		152	.50
SPM			(	Cond/Circ		Mfg		WL	100		Bit sub		322	.30
GPM			7	ripping	4	Туре		Gels			Shock sub		570	.50
Press			S	urvey		Out		Oil					860	.70
			I	ogging		, In		Solid			7 5/8 stab		1413	.10
		<u>L</u> .		Cem/WoC		Ftg		pН	8.0		6.5" DC		1607	0.2
				1isc	20	Hrs		Chl	73000		7 5/8 stab		2021	1.5
			I	ishing		Bit W	/t						3436	.60
			F	Run Csg		RPM					(9) 6.5 DC	273.88	3752	.50
		-				i							•	



Project		507			4-9-2012	Repo	rt No.:	24	Repo	orted B	y: Gerald	Ardoin		
Operato			jamar A	AGI #1		7: 3	T 41	<del></del>	<del> </del>	4 /D	-1. T		Ctata	NDA
Contrac	ctor:	Un			<u> </u>	RigN		<del></del>		nty/Par			State:	NM
Depth:		487			645	Form	ation:	Do	ol 100%		Tops New Form			
Activity				Drilling								RKB:	15	
	ne Lo	-	Elaps					Deta	ails of	Opera	ation			
From		To_	Tim	e						- F				· .
06.0	$\frac{1}{2}$	00.00	2.0	T J	24 !-:	4. (972)4	:11 -:	nd minle v	- 24 inin	to "C"	drill pipe.			
06:00 09:00		09:00 10:00	3.0			t brine to		na pick u	ip 24 Joii	is G	uriii pipe.			
10:00		12:30	2.5			hart to 840		0 minute			<del></del>	<del>-</del>		
12:30		14:00	1.5			shoe trac								
14:00		22:30	8.5			to 4576',						<del>-</del>		
22:30		23:00	.50			@4541' (								
23:0		05:00	6.0			to 4861',			7.5 fph					
05:0		05:30	.50			@4826' (			, 10 Ipii					
05:30		06:00	.50	Drill fro	m 4861'	to 4875',	(14) avg	rop: 28 f	ph, back	ground	d gas 42 units, r	nax gas 1'	71 units @	4300'
					!									
					1									
				Called I	Patricia I	Iutchings	with BLN	A on casi	ng and b	op test	04/09/2012			
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			<u> </u>											
	-		<del> </del> -											
	- 1	Total	24	+							<del></del>		N#	
Pı		Record		Our Re	cord	T .	Bits	M	ud	<u> </u>	Drilling Assem	bly	Dev	iation
	No.			Hrs RU	T	Bit#	5	Wt	9.1	No.	Description	Length	Depth	Dev
in/St		9		Drilling	16.5	Size	7 5/8	Vis	29	1	Bit	1.0	4541	.80
PM		/2		Cond/Circ	+	Mfg	Smith	WL	100				4826	.90
PM		00		Tripping	<del></del> -	Туре	MI616	Gels	100	<del>                                     </del>	Shock sub	12.01	7020	1.90
ress		100		Survey	1.0	Out	1411010	Oil		<u> </u>	(2) DC 6.5	61.32	<del> </del>	
1022	14	100			1.0		4250	Solid		ļ	7 5/8 stab	5.20	<del> </del>	+
				Logging	-	In Eta	4230		10		6.5" DC	30.38		+
				Cem/WoC Misc	6.5	Ftg Hrs		pH Chl	73000		7 5/8 stab	6.11	-	+
	-			Fishing	0.3	Bit Wt	20	CIII	/3000	<b></b>	(19) 6.5" DC	547.76		+
					<del>  '</del>				<u> </u>	-	(19) 0.3 DC		1	+
	1	1	1	Run Csg	1 \	RPM	80		l	1		663.76	1	1



Project 1	No.:	5079	95A	Date:	4-10-201	2 Repor	rt No.:	25	Repo	rted B	y: Gerald	Ardoin		
Operato			jamar A	AGI #1										
Contrac	tor:	Uni	ted			Rig N				ity/Par			State:	NM
Depth:		5202	2	Ft. Cut:	327	Form	ation:	Do	l 100%		Tops New Form			
Activity	at Re	port T		Drillin	g							RKB:	15	
Tim	ne Log		Elaps	ed				Deta	ils of	Oper	ation			
From		To	Tim	e				Deta	1115 01	Opera	ation			
06:00		3:00	7.0		om 4875'	to 5115',	(240') av	/g rop: 34	fph					
13:00	_	3:30	.50			4- 5170?	(622)	0 f	-1-		<del></del>			
13:30		1:30	8.0		om 5115'				)II					
21:30		2:00	.50		ne survey ( om 5178'				folk					<del></del>
22:00		3:00	5.0					g rop: 4.8	ıpn					
03:00		4:00	1.0	Rig rep	oair, work	on mud p	umps.	) mai to 21	100 pgi	hools o	urface equipme	nt null or	t of holo	
04:00		6:00	2.0	Pump	pressure in	creased 1	rom 1430	psi to 2	ioo psi, c	neck s	urrace equipme	nı, pun oı	it of note	
	+										· - · · · · · · · · · · · · · · · · · ·			
				Back g	round gas	41 units	@5202°							
							<u> </u>				<u> </u>			
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	+-	otal	- 24		1			<del></del>						
D	ımp Re		24	Our R	ecord		Bits	M	ud.			bly	D-	viation
	Imp Ke No. 1		0. 2	Hrs RU		Bit#	5	Wt	9.2	No.	Description			
Pump Lin/St	No. 1					Size	7 5/8	Vis	29	110.	Bit	Length 1.0	Depth 4541	.80
				Drilling							DII	1.0		
SPM	72			Cond/Circ		Mfg	Smith	WL	100			100	4826	.90
GPM	200			Tripping		Туре	MI616	Gels		 	Shock sub	12.01	5143	1.3
Press	145	U		Survey		Out	ļ.,	Oil			(2) DC 6.5	61.32		
				Logging		In	4250	Solid			7 5/8 stab	5.20		
				Cem/WoC		Ftg	972	pН	10	ļ	6.5" DC	30.38		_
				Misc		Hrs	35.5	Chl	86000		7 5/8 stab	6.11		
				Fishing		Bit Wt	30				(19) 6.5" DC	547.76		
l I		1		Run Csg		RPM	100			1		663.76	1	1



Project No	o.: 50	795A	Date:	4-11-201	2 Repor	t No.:	26	Repo	orted B	y: Gerald	Ardoin		
Operator:	M	aljamar	AGI #1	I	1		<u> </u>						
Contractor	r: l	Inited			Rig N	o. 41 .		Cou	nty/Pari	ish: Lea		State:	NM
Depth:	5.5	510	Ft. Cut:	308	Forma	tion:	Do	1 100%		Tops New Forr	n:		
Activity a	t Repor	t Time:	Drilli	ng							RKB:	15	
Time	Log	Elap	sed				Date	ila of	0,000		•		
From	То	Tir					Deta	ails of	Opera	ation			
06:00	07:0			n pulling ou		<del> </del>							_
07:00	11:30			up bit #6 an				5.6.1					
11:30	21:00			from 5202'				.5 tph					
21:00	21:30			ine survey (				7.C.1					
21:30	05:0			from 5368'		· <u>·                                    </u>		7 tph					
05:00	05:3			ine survey (				C. 1.					-
05:30	06:0	0 .5	U Drill	from 5495'	to 5510°, (	(15') avg	g rop: 30	ıpn					
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		<u> </u>			<u>.                                    </u>								
	Total		4										
D.,	p Reco			Record	г	Bits	M	ud.	1	Drilling Assen	hly	D	riation
	<u> </u>	No. 2	Hrs RU		Bit#	5	Wt	9.1	No.	Description	Length	Depth	Dev.
Lin/St	9	No. 2	Drilling		Size	7 5/8	Vis	29	110.	Bit	1.0	4541	.80
			<u> </u>		L					ם וו	1.0	.l	
SPM	72	72	Cond/Cir		Mfg	Smith	WL	100		Cl. 1 1	10.01	4826	.90
GPM	200	200	Tripping		<u> </u>	FH43	Gels	-,		Shock sub	12.01	5143	1.3
Press	1750	1750	Survey	-	Out	5000	Oil	•		(2) DC 6.5	61.32	5333	1.5
			Logging		In	5202	Solid			7 5/8 stab	5.20	5460	1.2
			Cem/Woo		Ftg	308	рH	75000		6.5" DC	30.38	<u> </u>	
			Misc		Hrs	20	Chl	75000	<u> </u>	7 5/8 stab	6.11	ļ.,	
(			Fishing Run Csg		Bit Wt RPM	30 100				(19) 6.5" DC	547.76	<u> </u>	
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J	Jo.: 50	795A	Date:	4-12-2012	Report	No.:	27	Repo	rted B	y: Gerald	Ardoin	•	
Operator	: M	aljamar A	GI #1										
Contracto	or: U	nited			Rig No.	41	ľ		ty/Par			State:	NM
Depth:	58	343	Ft. Cut:	333	Formati	on:	Do	l 100%		Горs New Forn	1:		
Activity	at Report	Time:	Workin	g stuck pip	e						RKB:	15	
Time	e Log	Elapse	:d				Data	:16	O				
From	To	Time	_				Deta	ils of	Opera	ation			
06:00				om 5510' to				4 fph		7			
11:00				ie survey @									
11:30				om 5622' to	o 5653', (2	1') avg	rop: 14	fph				•	
13:00	13:30		Service										
13:30	18:30							.8 fph in	crease	d weight on bit	from 25 to	30k	
18:30				ie survey @								*	
19:00				om 5812' to						<del></del>			
20:00	01:00	3.0								pe would not g			
					, no progr	ess mad	de. Good	returns	and cir	culation. Lost 3	00 psi off	original pi	ımp
01:00	03:00	2.0	pressur		e and iar d	lown on	ctual n	na curfo	co inro	went out and c	ould not fi	nd another	ret
03:00										o arrive for free		nu anome	SCI.
05.00	1 00.00	3.0	Circuia	- at neutra	ii weight w	IIIIC WG	iting on	Wilcinic	ti dok t	diffice for free	point.		
	+		Fishing	tools on lo	ocation								
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	Total	24		-3.									
Pur	Total	24	Our Re	ecord	Bi	ts	M	ud		Drilling Assem	bly	Dev	iation
	mp Reco	24 d	Our Re		Bi	ts 5	M	ud 9.1	No.	Drilling Assem	ibly Length	Dev Depth	iation Dev
Pump	mp Reco	24 'd   No. 2		E	Bit#							Ļ	
Pump N Lin/St	mp Reco	24 d No. 2 9	Hrs RU Drilling	E	Bit# Bize	5 7 5/8	Wt Vis	9.1		Description	Length	Depth 4541	Dev .80
Pump N Lin/St SPM	mp Records 1 9 72	24 d No. 2 9 72	Hrs RU Drilling Cond/Circ	E S	Bit# Bize Mfg	5 7 5/8 Smith	Wt Vis WL	9.1 29 100		Description Bit	Length 1.0	Depth 4541 4826	.80 .90
Pump N Lin/St SPM GPM	mp Records 1 9 72 200	24 d No. 2 9 72 200	Hrs RU Drilling Cond/Circ Tripping	S N	Bit# Size Mfg Type F	5 7 5/8	Wt Vis WL Gels	9.1		Description Bit Shock sub	Length 1.0 12.01	Depth 4541 4826 5143	.80 .90
Pump N Lin/St SPM GPM	mp Records 1 9 72	24 rd No. 2 9 72 200 1750	Hrs RU Drilling Cond/Circ Tripping Survey	E S N T	Bit# Size Mfg Type FOut	5 7 5/8 Smith H43	Wt Vis WL Gels Oil	9.1 29 100 1/2/3		Description Bit Shock sub (2) DC 6.5	Length 1.0 12.01 61.32	Depth 4541 4826 5143 5333	.80 .90 1.3 1.5
Pump N Lin/St SPM GPM	mp Records 1 9 72 200	24 rd No. 2 9 72 200 1750	Hrs RU Drilling Cond/Circ Tripping Survey Logging	S N T	Bit# Size Mfg : Type F Out	5 7 5/8 Smith TH43	Wt Vis WL Gels Oil Solid	9.1 29 100 1/2/3		Description Bit Shock sub (2) DC 6.5 7 5/8 stab	Length 1.0 12.01 61.32 5.20	Depth 4541 4826 5143 5333 5460	.80 .90 1.3 1.5
Pump N Lin/St SPM GPM	mp Records 1 9 72 200	24 No. 2 9 72 200 1750	Hrs RU Drilling Cond/Circ Tripping Survey Logging Cem/WoC	S N T C	Bit# Size Mfg Type Fout n	5 7 5/8 Smith FH43 5202 308	Wt Vis WL Gels Oil Solid pH	9.1 29 100 1/2/3 1.7 10.5		Description Bit  Shock sub (2) DC 6.5 7 5/8 stab 6.5" DC	Length 1.0 12.01 61.32 5.20 30.38	Depth 4541 4826 5143 5333 5460 5567	.80 .90 1.3 1.5 1.2
Pump N Lin/St SPM GPM	mp Records 1 9 72 200	24 d No. 2 9 72 200 1750	Hrs RU Drilling Cond/Circ Tripping Survey Logging Cem/WoC Misc	S S N T I C C I I I I I I I I I I I I I I I I	Bit# Size Mfg Type Fout n Ftg Hrs	5 7 5/8 Smith CH43 5202 308 20	Wt Vis WL Gels Oil Solid	9.1 29 100 1/2/3		Description Bit  Shock sub (2) DC 6.5 7 5/8 stab 6.5" DC 7 5/8 stab	Length 1.0 12.01 61.32 5.20 30.38 6.11	Depth 4541 4826 5143 5333 5460	.80 .90 1.3 1.5
	mp Records 1 9 72 200	24 d No. 2 9 72 200 1750	Hrs RU Drilling Cond/Circ Tripping Survey Logging Cem/WoC	S S N T T C C T I T F F F F F F F F F F F F F F F F F	Bit# Size Mfg Type Fout n	5 7 5/8 Smith FH43 5202 308	Wt Vis WL Gels Oil Solid pH	9.1 29 100 1/2/3 1.7 10.5		Description Bit  Shock sub (2) DC 6.5 7 5/8 stab 6.5" DC	Length 1.0 12.01 61.32 5.20 30.38 6.11	Depth 4541 4826 5143 5333 5460 5567	.80 .90 1.3 1.5 1.2



Project N	No.: 50'	795A	Date:	4-13-2012	Repor	t No.:	28	Repo	orted By	y: Gerald	Ardoin		
Operator		iljamar AC								·			•
Contract		nited			Rig N	o. 41		Cour	nty/Pari	ish: Lea		State:	NM
Depth:	58		t. Cut:		Forma		Do	1 100%		Tops New Form	1:		
	at Report			hole with			1 2				RKB:	15	
<u> </u>				I HOIC WICH	usning as				-	<u> </u>	Iddb.		
	e Log	Elapsed	<u> </u>				Deta	ails of	Opera	ation			
From	То	Time								<del></del> .		****	
06.00	00.00	2.0	Work	stuck pipe a	البدمينات اميي	lata while	- waiting	on wind	ino tru	J.			
06:00 08:00		2.0 3.5								57, 5425' and fr	ee nine @	5361'	
11:30		2.5		own rig due						77, 5425 and 11	cc pipe @		
		4.0								gravel in washo	ut Die ler	, o 1	_
14:00			1							graver ili washo	out. Kig iev	vei.	
18:00			l	nd pump 70									
22:00				hole with				<u>@5361</u>					
23:00				ut of hole ar					1 -				
01:30		3.5	Trip in		sembly,	oumper j	ars, accei	erator jai	rs and s	screw in sub			
02:30	06:00	3.3	1 rip ii	i noie									
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	Total	24		!									
	mp Record	d	Our R	ecord	]	Bits	M	ud		Drilling Assem	bly	Dev	iation
Pu		No. 2 H	rs RU		Bit#	5	Wt	9.1	No.	Description	Length	Depth	Dev.
	No. 1		rilling		Size	7 5/8	Vis	29		Bit	1.0	4541	.80
ump 1	No. 1 1	9 D				Smith	WL	100		<u> </u>	<del></del>	4826	.90
ump   N					Mfo		1,1,2		L		10.01		
ump Nin/St PM		C	ond/Circ		Mfg		Gelc	1/2/2		Shock con	1 17 111		1 '∤
oump North N		C T	ond/Circ ripping		Гуре	FH43	Gels	1/2/3	<del>  ·  </del>	Shock sub	12.01	5143	1.3
rump Nin/St PM PPM		C T	ond/Circ ripping urvey		Гуре Out	FH43	Oil			(2) DC 6.5	61.32	5333	1.5
oump North N		C T So L	ond/Circ ripping urvey ogging		Гуре Out n	FH43 5202	Oil Solid	1.7		(2) DC 6.5 7 5/8 stab	61.32 5.20	5333 5460	1.5
oump North N		C T Si	ond/Circ ripping urvey ogging em/WoC	\	Type Out In Etg	FH43 5202 308	Oil Solid pH	1.7		(2) DC 6.5 7 5/8 stab 6.5" DC	61.32 5.20 30.38	5333 5460 5567	1.5 1.2 .90
oump North N		C T Si L C M	ond/Circ ripping urvey ogging em/WoC	\	Type Out In Etg Hrs	5202 308 20	Oil Solid	1.7		(2) DC 6.5 7 5/8 stab 6.5" DC 7 5/8 stab	61.32 5.20 30.38 6.11	5333 5460	1.5
		C T Si L C M	ond/Circ ripping urvey ogging em/WoC	24	Type Out In Etg	FH43 5202 308	Oil Solid pH	1.7		(2) DC 6.5 7 5/8 stab 6.5" DC	61.32 5.20 30.38	5333 5460 5567	1.5 1.2 .90



, , ,	No.:	5079			-14-201	2 Repor	t No.:	29	Repo	rted By	y: (	jerald	Ardoin		
Operato			amar A	GI #1										T	<del></del>
Contract	tor:	Unit				Rig N				ty/Pari		Lea		State:	NM
Depth:		5853		Ft. Cut:		Forma		Do	l 100%		Tops Ne	w Forn			
Activity	at Rep	ort T	ime:	Trip in ho	ole with	fishing as	sembly						RKB:	15	
Tim	ne Log		Elapse	<u>d</u>				Deta	ils of	Opera	ation				
From		Го	Time							Орста					
	_		_	ļ											
06:00		7:00	1.0			screw in s							~ !!		
07:00	) 09	00:0	2.0			and screv						et jars.	Pull up ar	id jar on f	ish.
						jaring, att			ck in to fi	ish fail	ed.				
09:00		3:00	4.0			recovered									
13:00		5:00	3.0			e clutch o									
16:00		0:00	4.0			t assembly									
20:00	)   24	1:00	4.0			, latch fish									
24.00	-	2.00	2.0			5 hours. Lograpple an									
24:00 03:00		3:00 5:00	3.0			rshot, will					sked sire	tened	and broke	on bouoi	11
05.00	1 00	5.00	3.0	vv alt Oli i	1000 000	ishot, will	Tull 0 17	T grapp	ics on ne	At Tull	_				
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	To	tal	24												
D.	To		24	Our Poo	ord		Rite		nd		Drilling	Assem	shly		aviation .
	ımp Re	cord		Our Reco	ord		Bits	M			Drilling				eviation
ump	ımp Re No. 1	cord	o. 2 I	Irs RU	ord	Bit#	5	Wt	9.1	No.	Descri	ption	Length	Depth	Dev
Pump Lin/St	imp Re No. 1	cord No	o. 2 H	Irs RU Drilling	ord	Bit# Size	5 7 5/8	Wt Vis	9.1	No.	Descri Oversi	ption 10t	Length 3.90	Depth 4541	Dev .80
oump Lin/St SPM	ımp Re No. 1	cord No	o. 2   H	Irs RU Drilling Cond/Circ	ord	Bit# Size Mfg	5 7 5/8 Smith	Wt Vis WL	9.1 29 100	No.	Descri Oversl Bump	ption 10t	Length 3.90 7.0	Depth 4541 4826	.80 .90
Cump Lin/St SPM GPM	No. 1 9 90	No	o. 2 I	Irs RU  Drilling  Cond/Circ  Tripping	ord	Bit# Size Mfg Type	5 7 5/8	Wt Vis WL Gels	9.1	No.	Descri Oversl Bump Jars	ption not er sub	Length 3.90 7.0 11.30	Depth 4541 4826 5143	Dev .80 .90 1.3
Cump Lin/St SPM GPM	imp Re No. 1	No	o. 2 II 9 II 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Hrs RU Drilling Cond/Circ Tripping Survey	ord	Bit# Size Mfg Type Out	5 7 5/8 Smith FH43	Wt Vis WL Gels Oil	9.1 29 100 1/2/3	No.	Oversl Bump Jars 6 (6.5'	ption not er sub	Length 3.90 7.0 11.30 181.81	Depth 4541 4826 5143 5333	.80 .90 1.3 1.5
Cump Lin/St SPM GPM	No. 1 9 90	No	o. 2 H 9 I 0 C 3 S	Ars RU Drilling Cond/Circ Tripping Survey Logging	ord	Bit# Size Mfg Type Out In	5 7 5/8 Smith FH43	Wt Vis WL Gels Oil Solid	9.1 29 100 1/2/3 	No.	Descri Oversl Bump Jars 6 (6.5' XO	ption not er sub	Length 3.90 7.0 11.30 181.81 2.51	Depth 4541 4826 5143 5333 5460	.80 .90 .1.3 1.5
Pump Lin/St SPM GPM	No. 1 9 90	No	o. 2 II 9 I	Ars RU Orilling Cond/Circ Cripping Gurvey Logging Cem/WoC		Bit# Size Mfg Type Out In Ftg	5 7 5/8 Smith FH43 5202 308	Wt Vis WL Gels Oil Solid pH	9.1 29 100 1/2/3  1.7 10.5	No.	Descri Oversl Bump Jars 6 (6.5' XO	ption not er sub	Length 3.90 7.0 11.30 181.81 2.51 12.98	Depth 4541 4826 5143 5333 5460 5567	Dev .80 .90 1.3 1.5 1.2
Cump Lin/St SPM GPM	No. 1 9 90	No	0. 2 I 9 I 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Ars RU Drilling Cond/Circ Tripping Gurvey Logging Cem/WoC Misc		Bit# Size Mfg Type Out In Ftg Hrs	5 7 5/8 Smith FH43 5202 308 20	Wt Vis WL Gels Oil Solid	9.1 29 100 1/2/3 	No.	Descri Oversl Bump Jars 6 (6.5' XO Accele XO	ption not er sub ') dc	Length 3.90 7.0 11.30 181.81 2.51 12.98 3.0	Depth 4541 4826 5143 5333 5460	Dev .80 .90 1.3 1.5 1.2
	No. 1 9 90	No	0. 2 I 9 I 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Ars RU Orilling Cond/Circ Cripping Gurvey Logging Cem/WoC		Bit# Size Mfg Type Out In Ftg	5 7 5/8 Smith FH43 5202 308	Wt Vis WL Gels Oil Solid pH	9.1 29 100 1/2/3  1.7 10.5	No.	Descri Oversl Bump Jars 6 (6.5' XO	ption not er sub ') dc	Length 3.90 7.0 11.30 181.81 2.51 12.98	Depth 4541 4826 5143 5333 5460 5567	Dev .80 .90 1.3 1.5 1.2



Project	No.:	5079	95A	Date: 4	-15-2012	Repor	t No.:	30	Rep	orted B	y: Gerale	d Ardoin		
Operato	or:	Mal	jamar A	.GI #1				•			1			
Contrac	ctor:	Uni				Rig N				ınty/Par			State:	NM
Depth:		585		Ft. Cut:		Forma	ation:	D	ol 100%	)	Tops New For			
Activity	y at R	eport T	ime:	Jarring o	n fish							RKB:	15	
Tir	ne Lo		Elaps					Det	aile of	Oper	ation			
From		То	Time	;				Det	a115 01	. Oper				
060	$\perp$	00.00	2.5		1 11 5	7.0.4033				541	<u> </u>			
06:0 09:3		09:30 12:30	3.5		ole with 7 sh, pick u						9'			
12:3	_	24:00	11.5		ndicator b						licator			
12.5	<del>*</del>	24.00	11.5		bls EZ-S									
24:0	0	06:00	6.0		sh, made i						<u>.                                    </u>			<del></del>
	+			1 0 000 000					-		-	·		
			<del></del>		· · · · · · · · · · · · · · · · · · ·									
				250' – 7	3/8" wasl	n pipe on	location	1						
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	- <del>   </del>	otal	24											
P <sub>1</sub>		Record		Our Rec	ord T	F	Bits	М	ud	T	Drilling Asser	nhly	Des	viation
	No. 1		0. 2	Irs RU		Bit#	5	Wt	9.3	No.	Description	Length	Depth	Dev.
Lin/St		)   '		Drilling		Size	7 5/8	Vis	31	1	Overshot	3.90	4541	.80
SPM	9			Cond/Circ		Afg	Smith	WL	100	$\frac{1}{1}$	Bumper sub	7.0	4826	.90
GPM	$\vdash$	<del>-  </del>		Tripping	<del>           </del>		FH43	Gels	2/3/4		Jars	11.30	5143	1.3
Press	84	50		Survey		)ut		Oil	-13/7	<del> </del>	6 (6.5") dc	181.81	5333	1.5
	<del></del>	-		Logging	I,		5202	Solid	1.7	+-	XO	2.51	5460	1.2
				Cem/WoC		tg	308	рН	11	+	Accelerator	12.98	5567	.90
				Misc		Irs	20	Chl	82000	<del>,                                     </del>	XO	3.0	5777	.80
		$\dashv$		Fishing		Bit Wt	30			1	(3) 6.5 DC	91.77	<del> </del>	+
		-		Run Csg		PM	100			<del>                                     </del>	Total BHA	316.91		
			L		1 1 5					L			1	



	No.:	50795	5A	Date:	4-16-201	2 Repo	rt No.:	31	Repo	rted By	y:	Gerald	Ardoin		
Operator			mar AG		1	一 <u></u>	-		1						
Contract		Unite		<del> </del>	- i	Rig N	No. 41		Cour	ty/Pari	ish:	Lea		State:	NM
Depth:		5853	F	t. Cut:			ation:	Do	1100%			ew Forn	n:	Ī	<u> </u>
Activity	at Rep				g out of ho	le eith wa	sh pipe				- <del></del>		RKB:	15	
	e Log		Elapsed										L	J	
From		o l	Time					Deta	ils of	Opera	ation				
Tion		-	Time											**-	
06:00	12	:00	6.0	Releas	e from fis	n and pull	out of ho	le.							
12:00	15	:00	3.0	Pick u	p wash pip	e assemb	ly								
15:00	19	:30	4.5	Trip in	hole to 5	119', top	of fish.								
19:30	03	:30	8.0	Pick u	p Kelly, b	eak circu	lation and	wash ov	er fish fr	om 54	19' to 5	606', (	187') fron	5419' to	5486'
			-	Took 1	l-2k to dri	ll and from	n 5486' to	5510' to	ok 3-5k	to dril	l, from	5510' to	o 5606' to	ok 1-3k to	drill.
	1		-	Pump	pressure o	n top of f	ish 319 ps	i @90 sp	m, once	over fi	sh pum	p pressi	ure 390 ps	i @90 spn	1
					washing o										
03:30		:30	.50		40 bbls hi										
05:30	06	:00	.50	Pull or	t of hole	vith wash	pipe, no	excess dr	ag.						
				_				*							
							LN: 87								
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					1										
	Tot		24												
	mp Re	cord		Our R			Bits	Mı				g Assem	<u> </u>		viation
Pump 1			. 2 H	s RU		Bit#	Bits	Wt	9.3	No.	Desc	ription	Length		
Pump 1	mp Re	cord	. 2 H				Bits				Desc		Length		
Pump I	mp Re	cord	. 2 Hr 9 Dr	s RU	ecord	Bit# Size	Bits	Wt	9.3	No.	Desc	ription 6 11/16	Length	Depth	Dev .80
Pump It Lin/St SPM	mp Rec	cord	. 2 Hr 9 Dr	rs RU rilling ond/Circ	ecord	Bit# Size Mfg	Bits	Wt Vis WL	9.3 31 100	No.	Desc Shoe Wash	ription 6 11/16 pipe	Length 4.95 183.67	Depth 4541 4826	.80 .90
Pump II Lin/St SPM GPM	mp Red No. 1 9	cord	. 2 Hr 9 Dr Co	rs RU rilling ond/Circ ripping	ecord	Bit# Size Mfg Type	Bits	Wt Vis WL Gels	9.3	No.	Described Shoe Wash	ription 6 11/16 pipe ub	Length 4.95 183.67 2.15	Depth 4541 4826 5143	.80 .90
Pump II Lin/St SPM GPM	mp Rec	cord	. 2 Hr 9 Dr Cc Tr	rs RU rilling ond/Circ ripping urvey	ecord	Bit# Size Mfg Type Out	Bits	Wt Vis WL Gels Oil	9.3 31 100 2/3/4	No.	Desc Shoe Wash Top s Blank	ription 6 11/16 pipe	Length 4.95 183.67 2.15 1.89	Depth 4541 4826 5143 5333	.80 .90 1.3 1.5
Pump II Lin/St SPM SPM	mp Red No. 1 9	cord	. 2 Hr 9 Dr Cc Tr Su	rs RU rilling ond/Circ ripping rvey ogging	ecord	Bit# Size Mfg Type Out In	Bits	Wt Vis WL Gels Oil Solid	9.3 31 100 2/3/4 1.7	No.	Desc. Shoe Wash Top s Blank Jars	ription 6 11/16 pipe ub	Length 4.95 183.67 2.15 1.89 11.62	Depth 4541 4826 5143 5333 5460	.80 .90 1.3 1.5
Pump II Lin/St SPM SPM	mp Red No. 1 9	cord	. 2 Hi 9 Di Co Tr Su Lo	rs RU rilling ond/Circ ripping rvey ogging em/WoC	ecord	Bit# Size Mfg Type Out In Ftg	Bits	Wt Vis WL Gels Oil Solid pH	9.3 31 100 2/3/4 1.7	No.	Desc. Shoe Wash Top s Blank Jars XO	ription 6 11/16 pipe ub king sub	Length 4.95 183.67 2.15 1.89 11.62 2.65	Depth 4541 4826 5143 5333 5460 5567	.80 .90 1.3 1.5 1.2
	mp Red No. 1 9	cord	. 2 Hr 9 Dr Cc Tr Su Lc Ce	rs RU rilling ond/Circ ripping rvey ogging em/WoC	ecord	Bit# Size Mfg Type Out In Ftg Hrs	Bits	Wt Vis WL Gels Oil Solid	9.3 31 100 2/3/4 1.7	No.	Desc. Shoe Wash Top s Blank Jars	ription 6 11/16 pipe ub king sub	Length 4.95 183.67 2.15 1.89 11.62	Depth 4541 4826 5143 5333 5460	.80 .90 1.3 1.5
Pump II Lin/St SPM SPM	mp Red No. 1 9	cord	. 2 Hi 9 Di Cc Tr Su Lc Ce	rs RU rilling ond/Circ ripping rvey ogging em/WoC	ecord	Bit# Size Mfg Type Out In Ftg	Bits	Wt Vis WL Gels Oil Solid pH	9.3 31 100 2/3/4 1.7	No.	Described Shoe Wash Top S Blank Jars XO (6) 6.	ription 6 11/16 pipe ub king sub	Length 4.95 183.67 2.15 1.89 11.62 2.65	Depth 4541 4826 5143 5333 5460 5567	.80 .90 1.3 1.5 1.2



Project N	No.:	5079	95A	Date:	4-17-20	12 Repo	ort No.:	32	Repo	rted By	: Geral	d Ardoin		
Operator			amar A			-			<del>                                     </del>					
Contract		Unit				Rigi	No. 41	1	Cour	ity/Paris	sh: Lea		State:	NM
Depth:	-	5853		ft. Cut:			nation:	Do	1 100%		ops New Fo	rm:		1
Activity	at Ren				ng in hole				71 10070	^	ops 1 to W 1 o	RKB:	15	_
		OILI			ing in noic		<del></del>				<del></del>	ICCD.	1 13	
	e Log		Elapse					Deta	ails of	Opera	tion			
From	-	o	Time											_
06.00	- 07		. 1.0	D11 -	ut of hole									
06:00 07:00		:00	6.0		ip new jars	and aver	shot and	l trin in ho	lo to 5/1	0,				
			2.0								max pick up	on fich 27	51c over nu	II on
13:00	13	:00	2.0			and jar, se	t off jars	at 240K a	na pun u	p 273K,	max pick up	011 11511 27.	ok, over pu	11 011
	-			string							1.5	1 1 11 (	<del></del>	
15:00	1 21	:00	6.0				e dummy	run to ve	rity pipe	not plug	gged. Run in	hole with f	ree point,	
					ree @5632									
21:00		:00	6.0							ining fi	sh in hole 17	75'. I/d 7 jts	drill collar	<u>'S.</u>
03:00		:30	1.5		nd cut 250									
04:30	06	:00	1.5	Pick u	ıp 6 drill c	ollars and	trip in he	ole with so	crew in s	ub.	·			
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	To	to1	24											_
Du	ımp Re		1 24	Our I	Record	<del></del>	Dita		ud		Orilling Asse	ma la la r	Day	iation
			- 2   7		Cecord	D:4#	Bits			ļ. —				
_	No. 1	IN		Irs RU		Bit#	<b>_</b>	Wt	9.1	No.	Description			Dev
in/St	9			Orilling		Size		Vis	31	1	SIS	2.61	4541	.80
PM	90			Cond/Circ	;	Mfg		WL	100	1	B/SUB	7.0	4826	.90
PM				ripping		Туре		Gels	2/3/4		JARS	11.62	5143	1.3
ress	319		1 5	Survey	1	Out		Oil	10		XO	2.64	5333	1.5
		<del> </del>		ogging	<del></del>	In		Solid	1.7		(6) 6.5" DC		5460	1.2
		+		Cem/WoC	7	Ftg		pH	9.8	<del>                                     </del>	XO	2.51	5567	.90
		+		Misc	-	Hrs		Chl	101k		JARS	12.98	5777	.80
-				ishing	24	Bit Wt	+		1011		XO	3.0	+ 3,,,,	1 .00
		-			- 24			<del> </del>	<del></del>					+
		1		Run Csg		RPM		1	L		(3) 6.5" DO	91.77		



Project	No.:	5079	95A	Date: 4	-18-20	12 Repo	rt No.:	33	Repo	orted B	y:	Gerald	Ardoin		
Operat			amar A	.GI #1	I										
Contra		Uni					No. 41			ıty/Par		Lea		State:	NM
Depth:		5853		Ft. Cut:			ation:	Do	ol 100%		Tops Ne	w For			
Activit	y at Re	port T		Tripping	in hole								RKB:	15	
Ti	me Log		Elapse	:d				Det	ails of	Oper	ation				
From		То	Time						all5 UI	Орск					
						····-									
06:0		9:00	3.0		ole to 5	632', top	of fish.		<del></del>						
. 09:0		0:00	1.0			n and scre			fish, wei	ight iin	dicator i	not wo	rking.		
10:0		0:00	10.0			d new wei									
20:0		2:30	2.5			ff jars @2						••• ••	•	. 1	
22:3		2:30	4.0										ars and one	e stab.	_
02:3	2:30 06:00 3.5 Pull out of hole with fish ar							own (2) 6	.5" drill	collars	and one	stab.	•		
	Fight 1.0 in halo dada dada da hada anh his (TOD OF FREE RIPE 5720))														
	Fish left in hole: dc,dc,stab,dc,shock sub, bit (TOP OF FREE PIPE 5729')														
	-		·										<u> </u>		
	+										<del>_</del>			<del></del>	
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	-						-								
	To	otal	24							,				·····	
מ	ump Re		<u> </u>	Our Rec	ord	T	Bits	M	ud	i	Drilling	Assen	nbly	Des	iation
Pump	No. 1		0. 2 1	Hrs RU	1	Bit#	1113	Wt	9.3	No.	Descr		Length	Depth	Dev.
in/St	9			Orilling	<del>                                     </del>	Size		Vis	31	1	SIS	ipuon	2.61	4541	.80
	1									ļ					
SPM	68	_		Cond/Circ	ļ <u>-</u>	Mfg		WL	100	1	B/SU		7.0	4826	.90
GPM				Tripping	ļ	Туре		Gels	2/3/4		JARS		11.62	5143	1.3
Press	680	)		Survey		Out	<del></del>	Oil	10		XO		2.64	5333	1.5
	1			Logging		In		Solid	1.7	ļ	(6) 6.5	o" DC	180.39	5460	1.2
		1	10	Cem/WoC		Ftg		pН	8.5		XO		2.51	5567	.90
										1	LING		1 10 00	1 5000	
			I	Misc		Hrs		Chl	105k		JARS		12.98	5777	.80
			I		24	Hrs Bit Wt		Chl	105k		XO		3.0	5///	.80



Project	No.:	5079	95A	Date:	4-19-2012	Repo	rt No.:	34	Rep	orted B	y: Gerald	Ardoin		
Operate			jamar A	GI #1	-									
Contrac	ctor:					Rig N				nty/Par			State:	NM
Depth:		5853	3 ] ]	t. Cut:	i	Form	ation:	Do	ol 100%		Tops New Forr			
		Report T			ig out of ho	le						RKB:	15	
	me Lo		Elapse	<u>d</u>	,			Det	ails of	Oner	ation			
From		То	Time							Oper		····		
		10.00		<u></u>		661								
06:0 10:0		10:00	4.0		hole to top			fish no m	avaman	4				
14:0		17:00	3.0		circulation, t of hole.	Taten an	u jar on	11511, 110 11	ovemen	ι.				
17:0		22:00	5.0	1	wash pipe	hurning	g shoe at	ad trin in	hole to 5	698'				
22:0		04:30	6.5		ver bottom				1010 10 3	0,0.	•			
04:3		06:00	1.5	1	10 bbls hi-v				toms un					
<u> </u>		00.00	1.5	1 ump -	70 0013 111-Y	13 3WCCF	and cire	carate oot	toms up.					
														<u> </u>
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												·		
		- · ·												
		Total	24	0 P	, 1	<del></del>	D.'.			1	T '11' 4	1.1	T 75	• .•
		Record	. 2   1	Our Re			Bits		ud	_	Drilling Assem			iation
Pump	No.			Irs RU		Bit#		Wt	9.4	No.	Description	Length	Depth	Dev.
Lin/St		9		Prilling		Size	١ .	Vis	31	1	Shoe	4.29	4541	.80
SPM		51		ond/Circ		Mfg		WL	100	1	(4) JTS WP	112.77	4826	.90
GPM	<del> </del>	-		ripping		Гуре		Gels	2/3/4	ļ	Top Sub	2.15	5143	1.3
Press	4	55		urvey		Out		Oil	10	ļ	Blank Sub	1.89	5333	1.5
	ļ			ogging		n	ļ	Solid	1.7	ļ	Jars	11.62	5460	1.2
	<del> </del>			em/WoC		tg	<u> </u>	pН	10.0	<del> </del>	XO (C) ( 5 DC)	2.64	5567	.90
				lisc .		Irs		Chl	120k	ļ	(6) 6.5 DC	181.81	5777	.80
	<u> </u>			ishing	_1	Bit Wt	<u> </u>				m	121717		1
	<u> </u>		F	un Csg		RPM	<u> </u>				Total BHA	317.17		



Project	No.:	50	795A	Date:	4-20-201	2 Repor	rt No.:	35	Repo	orted B	y: G	erald	Ardoin		
Operato	or:	Ma	ljamar A	GI #1						,					
Contrac	ctor :	Uı	nited			Rig N	lo. 41			nty/Par		ea	•	State:	NM
Depth:		58:	53	Ft. Cut:		Form	ation:	Do	l 100%		Tops New	Forn	n:		
Activit	y at l	Report	Time:	Trippin	g out of h	ole							RKB:	15	
Tir	me L	og	Elapse	ed				Deta	ils of	Oper	ation				
From		То	Time						1113 01	Opera					
06:0	_	06:30			te bottom		1								
06:3 11:3		11:30 12:30				ind lay do oe with m			ra guttin	a surfa					
12:3		17:00				wash pip				g surra	· · · · · · · · · · · · · · · · · · ·				
17:0		02:00				rom 5733								· · · · · · · · · · · · · · · · · · ·	
02:0		04:00			-,	eep and c					<del>_</del>		<u> </u>		
04:0		06:00	2.0			with wash			•						
					i		F-F	<i>-</i>			·				
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	$\dashv$	Total	24		1						_				
P	ump	Recor		Our Re	ecord		Bits	M	ud	T	Drilling A	Assen	ibly	De	viation
Pump	No.			Hrs RU		Bit#		Wt	9.4	No.	Descrip		Length		
Lin/St		9		Drilling	<u> </u>	Size		Vis	30	1	Shoe		4.29	4541	.80
SPM	1	51		Cond/Circ	1	Mfg		WL	100	1	(4) JTS	WP	112.77	4826	.90
GPM	1			Tripping		Туре	1	Gels	1/2/3		Top Su		2.15	5143	1.3
Press	1 -	455		Survey	1	Out		Oil		1	Blank S		1.89	5333	1.5
				Logging		In		Solid	0.7	1	Jars		11.62	5460	1.2
				Cem/WoC	<u> </u>	Ftg		pН	10.0		XO		2.64	5567	.90
				Misc	Ţ	Hrs		Chl	124k		(6) 6.5	DC	181.81	5777	.80
				Fishing	24	Bit Wt									
		•		Run Csg	;	RPM				<u> </u>	Total B	HA	317.17		



Project	No.:	5079	95A	Date: 4	-22-2012	Repo	ort No.:	37	Rep	orted B	y:	Gerald	Ardoin		· · · · · · · · · · · · · · · · · · ·
Operato		Mal	jamar A		<u>.</u>	<u> </u>	<del></del> .					-			
Contrac	ctor:	Uni	ted		1	Rig l	No. 41		Cou	nty/Par	rish:	Lea		State:	NM
Depth:		5853	3 ]	Ft. Cut:	1		nation:	Do	ol 100%		Tops N	ew Forr	n:		
Activity	y at Re	port T	ime:	POOH w	ith fish			b			<del></del>		RKB:	15	
Tir	ne Log		Elapse	d				D /	·1 C					· · · · · · · · · · · · · · · · · · ·	
From		То	Time	_				Det	ails of	Oper	ation				
06:0		4:00	8.0				3' to 5807								
14:00		7:00	3.0				circulate l		1.						
17:00		2:00	5.0				n pipe ass								
22:00		2:30	4.5				, jars and								
02:30	0 0	6:00	3.5	Screw in	to fish ar	ıd pick u	ip to 2235	k, jars re	leased a	nd fish	is free.	Pull out	t of hole sl	ow with fi	sh.
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				ļ											
		tal	24											1	
	ump Re			Our Rec			Bits		ud	+		g Assem	<u> </u>	<del></del>	iation
	No. 1	No		Irs RU	I	Bit#		Wt	9.4	No.		ription	Length	Depth	Dev.
Lin/St	9			Prilling		Size		Vis	30	1	Shoe		5.1	4541	.80
SPM	51	$\perp$		Cond/Circ		Mfg		WL	49	1		rs wp	86.26	4826	.90
GPM				ripping		Гуре		Gels	1/2/3		Top		2.15	5143	1.3
Press	455	5		urvey		Out		Oil	. <u>.                                   </u>	<u> </u>	Blan	k Sub	1.89	5333	1.5
				ogging		n		Solid	0.7		Jars	<u> </u>	11.62	5460	1.2
				Cem/WoC		-tg		pН	10.8		XO		2.64	5567	.90
				<i>fisc</i>		Irs	<u> </u>	Chl	125k	ļ	(9) 6	.5 DC	273.58	5777	.80
		j.	1.10	ichina	24	3it Wt	1			1	1		1	1	1
		_ _		ishing Lun Csg		RPM						ВНА	383.24		



Project	t No.	: 507	95A	Date: 4	I-23-2012	Repo	rt No.:	38	Rep	orted B	By: 0	Gerald	Ardoin		
Operat			jamar A			<u> </u>									
Contra			ited		· · · · · · · · · · · · · · · · · · ·	Rig N	lo. 41		Cou	nty/Par	rish: 1	Lea		State:	NM
Depth:	:	585	3	Ft. Cut:		Form		Do	1 100%		Tops Ne	w Forn	n:		•
Activit	ty at	Report 7	Time:	Trip in h	ole with	over shot	assembly						RKB:	15	
Ti	ime L	.og	Elaps	ed	1			Date	ila of	0,50,5	otion				
From	1	То	Tim	e				Deta	ails of	Oper	ation				
06:0	00	10:00	4.0		of hole w	ith fish, 1	recovered 2	2 drill c	ollars an	d uppe	er sub on	shock	sub. Left	10' of fish	in
10:0	00	15:30	5.5	hole.	fishing to	ole							<del></del>		
15:3		19:00	3.5				noe assemb	ılv			<del></del>				
19:0		24:00	5.0				total from		d to 6 1/2	" od.				<u> </u>	
24:0		02:00	2.0				culate hole		4 10 0 7						
02:0		05:30	3.5			<u> </u>	shoe assem				·				
05:3		06:00	.50												
	05:30 06:00 .50 Lay down burning shoe and wash pipe.														
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		Total	24	<u> </u>							- 11:	<del></del>		1	· · ·
		Record		Our Rec			Bits	Mı			Drilling		. <u> </u>		iation
	ump		- 7	Hrs RU	1 E	3it#		Wt	9.35	No.	Descri	ption	Length	Depth	Dev.
Pump												-	1	4541	.80
Pump Lin/St	Pump No.	9	9	Drilling	5	Size		Vis	33	1					
Pump Lin/St SPM	Pump No.		9	Drilling Cond/Circ	S	Mfg	· · · · · ·	WL	49	1				4826	.90
Pump Lin/St SPM GPM	No.	9 51	9	Drilling Cond/Circ Tripping	S	Afg Type	1	WL Gels				-		4826 5143	.90
Pump Lin/St SPM GPM Press	No.	9	9	Drilling Cond/Circ Tripping Survey	S M	Afg Type Out	(	WL Gels Oil	49 3/6/7					4826 5143 5333	.90 1.3 1.5
Pump Lin/St SPM GPM	No.	9 51	9	Drilling Cond/Circ Tripping Survey Logging	S M T C	Afg Type Out n		WL Gels Oil Solid	49 3/6/7 0.3					4826 5143 5333 5460	.90
Pump Lin/St SPM GPM	No.	9 51	9	Drilling Cond/Circ Tripping Survey Logging Cem/WoC	S N O I I	Mfg Type Out n		WL Gels Oil Solid	49 3/6/7 0.3 10.3			-		4826 5143 5333 5460 5567	.90 1.3 1.5 1.2 .90
Pump Lin/St SPM GPM	No.	9 51	9	Orilling Cond/Circ Tripping Survey Logging Cem/WoC Misc	S P T C	Mfg Type Out n Stg Hrs		WL Gels Oil Solid	49 3/6/7 0.3					4826 5143 5333 5460	.90 1.3 1.5 1.2
Pump Lin/St SPM GPM	No.	9 51	9	Drilling Cond/Circ Tripping Survey Logging Cem/WoC	I I I I I I I I I I I I I I I I I I I	Mfg Type Out n		WL Gels Oil Solid	49 3/6/7 0.3 10.3					4826 5143 5333 5460 5567	.90 1.3 1.5 1.2 .90



Project	No.	5079	)5 A	Date:	4-24-2012	Report	No:	39	Renc	orted By	v. [	Ferald	Ardoin	<u> </u>	
Operato			amar A		4-24-2012	Report	110		Псро	rica Dy	<u>y.                                      </u>	Jeraid	ridom		
Contrac		Uni		<u>.Οι πι</u>		Rig No	. 41	<del></del>	Cour	ıty/Pari	ish· I	ea		State:	NM
Depth:		5843		Ft. Cut:	T	Format		Do	ol 100%	•	Tops Nev		١٠	State.	14141
Activity	v at Da				ng on cemer		uon.	1 100	110070		Tops Ive	7 1 0111	RKB:	15	
	ne Log		Elapse		ng on center	11		-				ļ	ICIXD.	13	
From	He LOE	To	Time					Deta	ails of	Opera	ation				
FIOIII	+	10	7 1111	-									,		
06:0	0 1	0:00	4.0	Trip i	n hole with	7 3/8" ove	r shot w	ith 6 1/4"	grapplels	s to top	of fish	797'.			
10:0		2:00	2.0		onto fish an								ver string	weight. Lo	st
				conta	ct with fish v	while jarri	ng.								
12:0		6:00	4.0		out of hole, n		overed, o	over shot	damage	d and g	rapples	eft in h	nole.		
16:00		7:30	1.5		lown all fish										
17:3		8:30	1.0	1 -	lown all 6 1/4										
18:3		1:30	7.0		ind cut 150'										
01:3	<u>v   0</u>	6:00	4.5	PICKU	up 15 joints	uriii pipe a	and trip	ın noie w	16TI 4U Sto	us ariil	pipe.				
<del> </del>			<del> </del>	-									_*		<del>,</del>
	-			_										· · · · · ·	
					A typo in th				t 25) has	inadve	rtently b	een ca	rried forw	ard until to	day.
	•		ļ <u>.</u>	The to	otal depth re	ached to d	late is 58	343 ft.			-				-
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							u.						<u> </u>		·
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		otal	24											1	
	ump R				Record		its	M			Drilling				ation
Pump	No. 1			Hrs RU		Bit#		Wt	9.35	No.	Descri	ption	Length	Depth	Dev.
Lin/St	9			Drilling		Size		Vis	33	1				4541	.80
SPM	51	I		Cond/Cire		Mfg		WL	49	1				4826	.90
GPM_				Tripping	<del></del>	Туре		Gels	3/6/7					5143	1.3
Press	45	5		Survey		Out		Oil						5333	1.5
				Logging		In		Solid	0.3					5460	1.2
				Cem/Wo0		Ftg		pН	10.3					5567	.90
	<u> </u>	_		Misc		Hrs		Chl	120k	<u>                                     </u>	<u> </u>		<u> </u>	5777	.80
				Fishing		Bit Wt					L				
				Run Csg		RPM									



Project	t No.	:   5	079:	5A	Date:	4-25	5-201	2 Repoi	t No.:	40	Rep	orted B	y:	Gerald	Ardoin		
Operat				amar A	GI #1												
Contra	ctor		Jnit					Rig N				nty/Par		Lea		State:	NM
Depth:			843		t. Cut:			Form	ation:	Do	ol 100%		Tops l	New Forr			
Activit	<u></u>				Waitir	ıg on	ceme	nt							RKB:	15	
	me L	og	$\perp$	Elapse	1					Det	ails of	Oner	ation				
From		То		Time								- Open					
06.0	20	1:7:0	<del>.  </del>	11.0	Tuin in	hala		duill nino	to 5900?	aimas lat	. دانمایی	aitin a	on DI	Manne	oval of side	two ole	
06:0	ן ער	17:0	ן יי	11.0				val from			e wille	wanning	OII DI	JM appro	ovai oi siuc	e track	
17:0	00	20:0	0	3.0				while w			o arrive	from H	lallibu	rton.			
20:0		21:0		1.0	Rig up	Hall	iburto	n, test lin	es to 500	00 psi, pu	mp 26 b	bls spa	cer, m	ix and pu	mp 36.3 b		
													oipe 63	3 bbls mu	id and 10 b	bls fresh	water.
21.0	10	01.0	_					n hole fro	m 5800'	to 5157'	dpm , (6	543')			<u> </u>		
21:0		21:3		.50				ll pipe.	I I a 1121								
21:3		22:0		.50	1			igging do		ourion.			_				
22:0 00:3		00:3		2.5				vith drill p bit, bit su		ll collars	and 5 ct	ds drill	nine				
00:5		06:0		3.0	Wait			on, on su	10, 12 UII	ii collais	ana 5 St	us ullil	pipe.				<u> </u>
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177	),,,,,,,,,	Total Reco		24	Our R	ecord		1	Bits	NA.	ud		The:III:	ng Assen	abl <sub>y</sub>		viation
	No.		No	2 L	Irs RU	CECOIO		Bit#	7	Wt	9.35	No.		ng Assen cription	Length		
Pump Lin/St	1110.	9	110		rilling			Size	7 5/8	Vis	32	1	Bit]		1.0	Depth 4541	Dev80
	-						<del></del>										
SPM	+	51			ond/Circ	-		Mfg	Smith	WL	52 3/6/7	1	Bit		3.45	4826	.90
GPM Press	+	455			ripping urvey	-	<del>- ; -</del>	Type Out	<del> </del>	Gels Oil	3/0//	-	(12)	6 ½ dc	359.35	5143 5333	1.3
11688	+	433	<u> </u>		ogging	+	1	In	5843	Solid	0.3	+	<del> </del>		<u> </u>	5460	1.5
-					cem/WoC	.  -		rn Ftg	1 3043	pH	10.5	ļ	· ·			5567	.90
	+		-		lisc	+		Hrs	-	Chl	10.3 120k		<u> </u>		-	5777	.80
<u> </u>	+				ishing			Bit Wt		C111	LOCK	<del>                                     </del>	<del> </del>		<del> </del>	3,11	
	1				un Csg			RPM	<del>                                     </del>			<del>                                     </del>	t		363.80	<del> </del>	
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Project 1		5079			-26-2012	Repo	rt No.:	41	Repo	rted B	y:	Gerald	Ardoin		
Operato			amar A	GI #1		_									<del></del>
Contractor: United						Jo. 41			ity/Par		Lea		State:	NM	
Depth:		5843		t. Cut:			ation:	Do	ol 100%		Tops Ne	w Forr			
Activity				Waiting	on cem'en	t							RKB:	15	
Time Log Elapsed								Date	ails of	Oper	ntion				
From		To	Time					Dea	1115 01	Oper	ation				
06:00		4:30	8.5	Wait on							7				
14:30	_	9:00	4.5	Trip in h											
19:00		1:00	2.0	Circulate											
21:00		2:00	1.0	Wash fro				still gree	n.					·	
22:00	) 0	6:00	8.0	Wait on	cement a	nd circu	late.								
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	To	Total 24		<u> </u>							_				
D.,	ımp Re			Our Rec	ord	······	Bits	M	ud	<u> </u>	Drilling	Accom	hlv	Dat	viation
	No. 1		o. 2 H	Irs RU		Bit#	7	Wt	9.35	No.	Descri		Length	Depth	Dev
in/St	9			rilling		Size	7 5/8	Vis	32	1	Bit]	Puon	1.0	4541	.80
				_											
PM	51			ond/Circ		Mfg	Smith	WL	52	1	Bit sul		3.45	4826	.90
PM				ripping	· <del></del>	Гуре		Gels	3/6/7		(12) 6	½ dc	359.35	5143	1.3
ress	455	5		urvey		Out		Oil						5333	1.5
				ogging		n	5843	Solid	0.3			_		5460	1.2
				em/WoC		itg		pН	10.5					5567	.90
				<i>fisc</i>		Irs		Chl	120k					5777	.80
		1 -	1 -	1 - 1 - 1 - 1	1 7~	31, 337,	1			I	1		1	1	
			P	ishing	<del> </del>	Bit Wt RPM			<u> </u>		<u> </u>				



Project	t No.:	50795A		Date: 4	-27-2012	Repor	t No.:	42	Repo	rted B	y: (	Gerald	Ardoin		
Operat		Maljam		I #1	i								· · · · · · · · · · · · · · · · · · ·		
Contra		United			· · · · · · · · · · · · · · · · · · ·									State:	NM
Depth:		5468		. Cut:		Forma			/50 dolin	nite   1	Tops Ne	w Forn			
	ty at Rep			Slide dril	ling with	direction	al assem	ıbly					RKB:	15	
	me Log		apsed		/			Deta	ails of	Opera	ation				
From	1 1	`o .	Γime		<u> </u>					Орен					
06.0	00 07	:00	1.0	Circulate	and sone	litian			<del></del>						
06:0 07:0			1.5					ment from	n 5400' 1	to 5462	' rnm 4	0 woh	15k snm	100, gpm :	256
07.0	00	.50		Cement f					11 5 100	10 5 102	, , , , , , , , , , , , , , , , , , ,	0, 1100	Tok, spin	roo, gpiii	250.
08:3	30 11	:00	2.5	Circulate					ottoms u	ıp.					
11:0	00 14	:00	3.0	Clear exc	ess drill	pipe in de	errick.								
14:0	00 16	:00	2.0	Pull out o	of hole.										
16:0			3.0	Pick up d	irectiona	l equipm	ent and o	orientate	tools.						
19:0			3.0	Trip in h											
22:0	00   06	:00	8.0	Slide dril	l from 54	62' to 54	68', lith	ogly 50%	cement	and 50	% dolon	nite.			
•	-	_			!										
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•	Tot	al	24												•
P	Tot Pump Rec		24	Our Reco	ord	E	Bits	M	ud	· · · · · · · · · · · · · · · · · · ·	Drilling	Assem	bly	Devi	ation
				Our Reco		E Bit#	Sits 7				Drilling Descri				ation Dev.
P Pump Lin/St	ump Red	cord	Hı		E			Wt Vis	ud 9.35 33	No.	Drilling Descri BIT		bly Length	Devi	ation Dev.
Pump Lin/St	No. 1	ord No. 2	Hr Dr	s RU illing	E	Bit# Bize	7 7 5/8	Wt Vis	9.35	No.	Descri BIT	ption	Length 1.0	Depth 4541	Dev80
Pump	No. 1	ord No. 2	Hr Dr	s RU	E	Bit#	7	Wt	9.35	No.	Descri	ption	Length	Depth	Dev.
Pump Lin/St	No. 1	ord No. 2	Hr Dr	s RU illing	S	Bit# Bize	7 7 5/8	Wt Vis	9.35	No.	Descri BIT Motor	ption 2.12	Length 1.0	Depth 4541	Dev80
Pump Lin/St SPM	No. 1 9 103	No. 2	Hr Dr Co	rs RU rilling ond/Circ ripping rvey	S N	Bit# Bize Mfg	7 7 5/8	Wt Vis WL	9.35 33 90	No.	Descri BIT Motor deg	2.12	Length 1.0 26.89	Depth 4541 4826	Dev80 .90
Pump Lin/St SPM GPM	No. 1 9 103 269	No. 2	Hi Di Co	s RU rilling ond/Circ ipping	S	Bit# Bize Mfg Type	7 7 5/8	Wt Vis WL Gels	9.35 33 90	No.	Descri BIT Motor deg NMD0	2.12	Length 1.0 26.89 30.85	Depth 4541 4826 5143	Dev80 .90 .1.3
Pump Lin/St SPM GPM	No. 1 9 103 269	No. 2	Tr Su Lc	s RU rilling ond/Circ ipping rvey ogging em/WoC	S N I	Bit# Size  Mfg  Sype  Out  n	7 7 5/8 Smith	Wt Vis WL Gels Oil Solid pH	9.35 33 90 3/6/9 0.3 12.5	No.	Descri BIT Motor deg NMDO Pulser	2.12	Length 1.0 26.89 30.85 5.57	Depth 4541 4826 5143 5333	Dev80 .90 .1.3 .1.5
Pump Lin/St SPM GPM	No. 1 9 103 269	No. 2	Hri Dri Co	s RU rilling ond/Circ ipping rvey ogging om/WoC isc	S	Bit# Size Mfg Sype Out n Stg	7 7 5/8 Smith	Wt Vis WL Gels Oil Solid	9.35 33 90 3/6/9	No.	Descri BIT Motor deg NMDO Pulser	2.12	Length 1.0 26.89 30.85 5.57	Depth 4541 4826 5143 5333 5460	Dev80 .90 .1.3 .1.5 .1.2
Pump Lin/St SPM GPM	No. 1 9 103 269	No. 2	Tr Su Lc Ce M	s RU rilling ond/Circ ipping rvey ogging em/WoC		Bit# Size  Mfg  Sype  Out  n	7 7 5/8 Smith	Wt Vis WL Gels Oil Solid pH	9.35 33 90 3/6/9 0.3 12.5	No.	Descri BIT Motor deg NMDO Pulser	2.12	Length 1.0 26.89 30.85 5.57	Depth 4541 4826 5143 5333 5460 5567	Dev80 .90 .1.3 .1.5 .1.2 .90



Project No.: 50795A		5A	Date:	4-28-20	12   Rep	ort No.:	43	Repo	orted By: Gerald		Ardoin				
Operato	or:	Malj	amar AC	iI #1											
Contrac	ctor:	Unit	ted		1	Rig	No. 41			ty/Pari		Lea		State:	NM
Depth:		5600	) F	t. Cut:	-	For	mation:	50,	/50 dolin	nite	Tops Ne	w Form	ı:		
Activity	y at Re	port T	ime:	Slide d	rilling w	ith direct	ional assen	ibly					RKB:	15	
Tir	ne Log	g :	Elapsed					Data	ila of	Onon	otion				
From		To	Time		i			Deta	ails of	Opera	ation		•		
					ļ										
06:0		4:00	8.0				5480', for	mation 10	00 % doli	mite					
14:0		8:00	4.0			to chang									
18:0		23:00	5.0				ntate tool a	nd trip in	hole to 5	480'.		c			
23:00		00:30	1.5			5480' to									
00:3		04:00	3.5		1	m 5490'									
04:0		4:30	.50			5558' to									
04:3	0 0	6:00	1.5	Rotary	drill fro	m 5563'	to 5600'								
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		otal	24												
	ump R	Lecord		Our Re			Bits	M			Drilling		bly		viation
Pump	ump R No. 1	lecord No	o. 2 H	Our Rors RU		Bit#	7	Wt	9.25	No.	Descri		bly Length	Depth	Dev.
Pump Lin/St	ump R No. 1	lecord No	o. 2 H	Our Rors RU		Bit# Size	7 7 5/8	Wt Vis	9.25	No.	Descri BIT	ption	bly Length 1.0	Depth 4541	Dev80
Pump	ump R No. 1	lecord No	o. 2 H	Our Rors RU		Bit#	7	Wt	9.25	No.	Descri BIT Motor	ption	bly Length	Depth	Dev.
Pump Lin/St SPM	No. 1 9	No No	o. 2 H 9 D 70 C	Our Rors RU rilling		Bit# Size Mfg	7 7 5/8 Smith	Wt Vis WL	9.25 30 96	No.	Descri BIT Motor deg	ption 2.12	bly Length 1.0 26.76	Depth 4541 4826	.80 .90
Pump Lin/St SPM GPM	No. 1 9 70	No N	o. 2 H 9 D 70 C	Our Rors RU rilling ond/Circ		Bit# Size Mfg	7 7 5/8	Wt Vis WL Gels	9.25	No.	Descri BIT Motor deg NMD0	2.12	bly Length 1.0 26.76 30.85	Depth 4541 4826 5143	.80 .90
Pump Lin/St SPM	No. 1 9	No N	0. 2 H 9 D 70 C 400 T	Our Rors RU rilling ond/Circ ripping		Bit# Size Mfg Type Out	7 7 5/8 Smith	Wt Vis WL Gels Oil	9.25 30 96 2/4/5	No.	Descri BIT Motor deg NMD0 Pulser	2.12 Sub	bly Length 1.0 26.76 30.85 5.57	Depth 4541 4826 5143 5333	Dev80 .90 .1.3 .1.5
Pump Lin/St SPM GPM	No. 1 9 70	No N	0. 2 H 9 D 70 C 400 T St	Our Rears RU rilling ond/Circ ripping arvey ogging	ecord	Bit# Size Mfg Type Out In	7 7 5/8 Smith FM43	Wt Vis WL Gels Oil Solid	9.25 30 96 2/4/5	No.	Descri BIT Motor deg NMD0 Pulser	2.12 C sub DC	bly Length 1.0 26.76 30.85 5.57 10.84	Depth 4541 4826 5143 5333 5460	Dev80 .90 .1.3 .1.5 .1.2
Pump Lin/St SPM GPM	No. 1 9 70	No N	0. 2 H 9 D 70 C 400 T St	Our Rors RU rilling ond/Circ ripping urvey ogging em/WoC	ecord	Bit# Size Mfg Type Out In Ftg	7 7 5/8 Smith FM43 5461 132	Wt Vis WL Gels Oil Solid pH	9.25 30 96 2/4/5 0.3 12.5	No.	Descri BIT Motor deg NMD0 Pulser	2.12 C sub DC	bly Length 1.0 26.76 30.85 5.57	Depth 4541 4826 5143 5333 5460 5567	Dev80 .90 .1.3 .1.5 .1.2 .90
Pump Lin/St SPM GPM	No. 1 9 70	No N	0. 2 H 9 D 70 C 400 T Si	Our Rors RU rilling ond/Circ ripping urvey ogging em/WoC	ecord	Bit# Size Mfg Type Out In Ftg Hrs	7 7 5/8 Smith FM43 5461 132 23	Wt Vis WL Gels Oil Solid	9.25 30 96 2/4/5	No.	Descri BIT Motor deg NMD0 Pulser	2.12 C sub DC	bly Length 1.0 26.76 30.85 5.57 10.84	Depth 4541 4826 5143 5333 5460	Dev80 .90 .1.3 .1.5 .1.2
Pump Lin/St SPM GPM	No. 1 9 70	No N	0. 2 H 9 D 70 C 400 T Si L C	Our Rors RU rilling ond/Circ ripping urvey ogging em/WoC	ecord	Bit# Size Mfg Type Out In Ftg	7 7 5/8 Smith FM43 5461 132 23	Wt Vis WL Gels Oil Solid pH	9.25 30 96 2/4/5 0.3 12.5	No.	Descri BIT Motor deg NMD0 Pulser	2.12 C sub DC 5 DC	bly Length 1.0 26.76 30.85 5.57 10.84	Depth 4541 4826 5143 5333 5460 5567	Dev80 .90 .1.3 .1.5 .1.2 .90



Project	t No.:	5079	5A	Date:	4-29-20	12 Repo	rt No.:	44	Repo	orted B	y: Gerald	Ardoin		
Operat		Malj	amar A	GI #1	1			•						
Contra	ctor:	Unit			Ţ	Rig N	No. 41		Cour	ıty/Par	ish: Lea		State:	NM
Depth:		5720	F	t. Cut:	į	Form	ation:	10	0% Doli	mite '	Tops New For	n:		
Activit	ty at Rep	ort Ti	me:	Rigging	uo Dial	log free po	int	• • • • • • • • • • • • • • • • • • • •				RKB:	15	
Ti	me Log		Elapsed		ř.				·1 C		4.		,	
From		Го	Time	1				Det	ails of	Opera	ation			
06:0		:00	6.0			m 5600' to							.,	
12:0	00   23	:00	11:00								ted tool for slic			
						picked up a	and was s	tuck. Wo	rked stud	ck pipe	up to 100k ov	er string w	eight with	no
23:0	00 23	:30	.50	Displace		alc fresh w	ater in ho	le in atte	mnt to no	n fich	off wall, failed			
23:3		:30	5.0								s e-z spot. Pum		and diapla	
23.3	04		3.0								l all open hole			CE
04:3	30 06	:00	1.5	Attempt	to remo	ove goose	neck from	n swivel.	u-tubing	. Tight	en goose neck	and displace	e all drill	nine
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n	ump Re		<u>Z4</u>	Our Re	cord	1	Bits	3.4	ud	1	Drilling Assen	nhly	Dan	iation
	No. 1	No	2 11	rs RU	COIU	Bit#	7	Wt	8.9	No.	Description		<del></del>	
		INC		rilling	1			Vis			BIT	Length	Depth 4541	Dev.
	1 0	-			+	Size	7 5/8		31	1		1.0	<u> </u>	.80
Lin/St	9	1	70   C	ond/Circ		Mfg	Smith	WL	100	1	Motor 2.12	26.76	4826	.90
Pump Lin/St SPM	70		- 1		1	il .	EN 442	Gels	2/5/6	<u> </u>	deg	20.05	5142	12
Lin/St SPM	70	ļ.,	400 7			1 T		uteis	3/5/6		NMDC .	30.85	5143	1.3
Lin/St SPM GPM	70 400			ripping		Type	FM43				D. I.		5000	
Lin/St SPM GPM	70		S	urvey		Out .		Oil			Pulser sub	5.57	5333	1.5
Lin/St SPM GPM	70 400		S L	urvey ogging		Out In	5461	Oil Solid	0.3		PONY DC	10.84	5460	1.5
Lin/St SPM GPM	70 400		S L C	urvey ogging em/WoC		Out In Ftg	5461 211	Oil Solid pH	0.3				5460 5567	1.5 1.2 .90
Lin/St SPM	70 400		S L C	urvey ogging em/WoC		Out In Ftg Hrs	5461 211 35	Oil Solid	0.3		PONY DC	10.84	5460	1.5
Lin/St SPM GPM	70 400		S L C C M F	urvey ogging em/WoC		Out In Ftg	5461 211	Oil Solid pH	0.3		PONY DC	10.84	5460 5567	1.5 1.2 .90



Project No.: 50795A			Date: 4-:	30-201	2 Repor	t No.:	45	Rep	orted By	Jimmy	Jimmy Don Morris			
Operato	or:	Malj	amar AC	3I #1	j						·			
Contrac	ctor:	Uni	ted		]	Rig N	o. 41			ınty/Pari			State:	NM
Depth:		5720	) F	t. Cut:		Forma	ation:	10	0% Dol	imite 7	Горs New Forn	1:		
Activit	y at Rep	ort T		Rigging u	o Dialo	g free poi	int			•		RKB:	15	
	me Log		Elapsed		1			Deta	ails of	Opera	ation			
From		О	Time											
060		300	2	Tighten up							<u> </u>			
080		900	1	R/U wirel					screen.					
090		100	2	Break kell										
1100		500	4	Run wirel	ine, fre	e point @	5578', s	tuck @ 5	610'					
1500		200	7	Circulate										
220	0 00	)30	2.5	R/U nitrog										
003			1.5	Pump Nita										
020			2	Reciproca	te pipe	, pipe free	)		-					***
040	0 00	500	2	Pooh										
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P	Pump Record		Our Reco	rd	]	Bits	M	ud	T	Drilling Assem	ıbly	Dev	iation	
Pump	No. 1	N	o. 2 H	rs RU		Bit#	7	Wt	8.8	No.	Description	Length	Depth	Dev.
Lin/St	9		9 D	rilling	T	Size	7 5/8	Vis	30	1	BIT	1.0	4541	.80
SPM	70	+		ond/Circ		Mfg	Smith	WL	100	1	Motor 2.12	26.76	4826	.90
	'				\			· · · <del>-</del>	- * •		deg			
GPM	400		400 T	ripping	ì	Туре	FM43	Gels	2/3/5		NMDC	30.85	5143	1.3
Press	1730			urvey	<del>- i</del>	Out		Oil			Pulser sub	5.57	5333	1.5
		+		ogging	1	In	5461	Solid	0.7		PONY DC	10.84	5460	1.2
	<del> </del>	_		em/WoC	- 1	Ftg	211	pH	11		(12) 6.5 DC	359.33	5567	.90
<del>                                     </del>	1	+		lisc .	<u> </u>	Hrs	35	Chl	53k		(12) 0.3 DC	337.33	5777	.80
	1			ishing	1	Bit Wt	20K					<del> </del>	1	1.00
<u> </u>	+ .	+		un Csg		RPM	2013	<del></del>			TOTAL	434.77		-
ļ	<u> </u>			un Csg		LX 1VI	1		l		TOTAL	454.77	L	<u> </u>