

30-025-40420

				WELL WO	RKOVER DA	AILY REPORT			<u> </u>					
Project	t No.:	50795A	Date:	10-01-12	Report No.	8 Repor	ted By: N	A. Fourrier						
Operat	tor:	AKA	•	Well Name	& No.:	Maljamar AG	Well #1							
Contra	ctor:	Nabors		Rig No.	624	County:	Lea	State:	New Mexico					
Tiı	me Lo	g Elapse		i		Deteils of O-	anation							
Fron	Te	Time		ĺ	<u> </u>	Details of Op	peration							
0730	0800	0.5				ng with Nabors r	ig crew, Ser	vco, Baker Hug	hes (TCP), and					
				ord personnel										
0800	0830	0.5				re. Dropped TCP								
		1				l for pressure afte atic or atmospher		1 – well pulled v	vacuum for a					
0830	1100	2.5			work string / pe		10.	,						
1100	1130	0.5	_	pulling work		on guils OOH.								
1130	1230	1.0	Perf guns	<u> </u>	31111g OO11.									
1130	1230	1.0		perf guns fire	ed!									
1230	1530	3.0				ng in hole to 945	2' on 2-7/8"	' work string.						
1530	1600	0.5												
1600	1630	0.5		nished running packer to 9452'. Set and tested packer to 500 psi. – Tested Good. eplaced rope socket on sand line before swabbing.										
1630	1700	0.5		Adde up swab fittings, hoses, etc. Running down hole to start swabbing well.										
1700	1730	0.5				on in 2-7/8" worl			oke anart swah					
1,00	1,50	""				and on swab. Clea								
						get past the 200'								
1730	1800	0.5	Came OC	OH with swab	. Stopped work	for the day. Secu	ired well an	d left location.						
	Total	10.5												
			Safety M	leeting: Discu	ıssed H2S gas	potential to be o	n location	and action to ta	ke if H2S is					
						tie off when wo								
						for falling object								
						elf, equipment, a								
				es – No excep		own perf guns, e	etc. Follow	procedures whe	en nandling					
			CAPIOSIV	110 cacep	tions.									
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Project	t No.:	5079		Date:	10-02-12	Report No	. 1		. Fourrier	
Operat	$\overline{}$	AKA			Well Name		Maljamar AC			
Contra		<u>Nab</u>	,		Rig No.	624	County:	Lea	State:	New Mexico
		o <u>g</u>	Elapse		į		Details of O	peration		
From	<u>1 1</u>	o	Time		i				· · · · · · · · · · · · · · · · · · ·	
0730	0800		0.5	Arrived a	t location. He	ld safety mee	ting with Nabors	rio crew and	Servoo person	nel
0800	0830		0.5	Checked down 2-7 Ran rabb down swa string to t Note: Wa	well for press //8" work strin it / swab back ab fittings. M find problem aiting on Wea	ture. No pressing. No pressure down hole. Sade ready to riginate therford pack	ure. Rigged up an re increase on pur still sitting down a elease retrievable er hand to arrive o	d pumped 4.0 np discharge at 200' inside packer and st	bbls. of 10.0 gauge seen wh 2-7/8" work st art pulling / la	lb./gal. brine ile pumping. ring. Rigged ying down work
0830	0900		0.5		ord packer ha					
0900	1000		1.0	damaged with joint	(collapsed) a t of same leng	pprox. 2' fror th. Ran rabbi	tands and laid dov n collar. Laid dam t / swab tool down r to swabbing dep	aged 2-7/8" jo n 2-7/8" work	oint to the side string to verif	and replaced
1000	1030		0.5	Tested G	ood.		ck down hole to 9			•
1030	1200		1.5	swabbing	well.		with swab and tag			
1200	1430		2.5	pulling >	.5 bbls. of bri	ne from well	th 45 bbls. of brin with 518' of foun	dation fluid up		
1430	1500		0.5				gged swab unit do	wn.		
1500	1530		0.5	Secured v	well and left l	ocation for th	e day.			
	Tota	1	8.0		- !					
				detected. stay clea sharp ed tag lines	. Slips / Trips r at all times ges. "Zero H	s / Fall – 100° . Be watching arm" to you g up / laying	s potential to be % tie off when we g for falling object rself, equipment, down perf guns,	orking monkets. Struck by and environ	ey board. Ove // against, pir ment. "Line o	erhead loads – nch points / of Fire". Use of
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			WELL WORKOVER DAILY REPORT									
Project		0795A	Date: 10-03-12 Report No. 10 Reported By: M. Fourrier									
Operat		KA	Well Name & No.: Maljamar AGI Well #1									
Contra		abors	Rig No. 624 County: Lea State: New Mexico									
Tir			Details of Operation									
From	То	Time										
0730	0800	0.5	Arrived at location. Held safety meeting with Nabors rig crew, Schlumberger, Pace Setter, and									
0750	0000	0.5	Serveo personnel.									
0800	0830	0.5	Checked well for pressure. Bled a little pressure off of 2-7/8" work string. Annular side of well –									
			No pressure. Schlumberger and Pacesetter moved in equipment and setting up.									
0830	0900 -	0.5	Schlumberger wireline ran in hole with 1.9" gauge ring to TD. TD found at 10,143' based on GL.									
0900	0930	0.5	Wireline with gauge ring coming OOH. OOH with gauge ring.									
0930	1000	0.5	Rigged up 4.0', 1.65" OD, double ball sample bailer and going down hole in order to catch a									
0/30	1000	0.5	formation fluid sample at 10,130'.									
1000	1130	1.5	Slickline with sample bailer OOH. Collected sample (~2.0 cups of fluid). Rewired slickline rope									
		_	socket.									
1130	1200	0.5	Rigged slick line lubricator back up and going down hole to catch another sample with bailer.									
1200	1300	1.0	OOH with 2 nd sample. Collected 2 nd sample. Rigged down slickline.									
1300	1430	1.5	Offloaded load of 10.0 lb./gal. brine into Frac Tanks.									
1430	1600	1.5	Rigged up with Sensa line and going down hole. Sensa line at depth and acquiring baseline temp. profile. Spotted (2) light plants on location.									
1600	1630	0.5	Held safety meeting with Pacesetter, Nabors rig crew, and Schlumberger personnel.									
1630	1700	0.5	Started pumping 10.0 lb./gal. brine down the 2-7/8" work string / retrievable packer and into the									
1030	1,00		formation in order to establish a flow rate.									
			Flow rate established. Started pumping acid down hole.									
1700	1730	0.5	Shutdown due to leaking needle valve. Needle valve replaced. Started pumping acid down hole									
1730	1800	0.5	again. Shutdown again in order to fix another leak above the TIW valve, and change out a Halco valve.									
1/30	1800	0.5	While in the process of changing out the Halco valve, a Pacesetter hand closed the TIW valve to									
			stop acid from back flowing out of the line where the Halco valve was removed, and in so doing									
			cut the Sensaline losing the tool down hole. Stopped Operations and notified / discussed "Path									
			Forward" with PB Supervision.									
1800	1900	1.0	Rigged down Schlumberger lubricator in order to rig up fittings so that brine can be pumped									
1900	2230	3.5	down the 2-7/8" work string to flush all acid out of the line and into the formation. Rigged up and started pumping brine down hole. Pumped a total of 79 bbls. of 10.0 lb. brine									
1900	2230	3.5	down hole.									
			Stopped pumping brine. Shutdown, Pace Setter rigged down.									
			Note: Pace Setter spilled approx. 15 gallons of acid on location while rigging down and									
			disconnecting transfer hoses. Secured well and left location for the day.									
		_	Secured well and left location for the day.									
	Total	15.0										
		_	Safety Meeting: Discussed H2S gas potential to be on location and action to take if H2S is									
			detected. Slips / Trips / Fall – 100% tie off when working in elevated areas. Overhead loads									
			- stay clear at all times. Be watching for falling objects. Struck by / against, pinch points /									
			sharp edges. "Zero Harm" to yourself, equipment, and environment. "Line of Fire". Use of tag lines while picking up / laying down perf guns, etc. Importance of good, clear									
			communications between crews. Strains / Sprains – Let the equipment pick up heavy loads.									
{			Get help if needed to lift. Use proper lifting techniques — Use legs, not back when lifting.									



 =	ED IN CHARGE				WELL WO	RKOVER DA	AILY RI	EPORT	<u>.</u>						
Project	t No.:	5079	95A	Date:	10-04-12	Report No.	11			ourrier					
Operat	tor:	AK	4		Well Name	& No.:	Maljar	nar AG	Well #1						
Contra	ctor :	Nab	ors	-	Rig No.	624	County	y:	Lea	State:	New Mexico				
Tir	me L	og	Elapse				Details	of Or	eration						
From	7	Го	Time				Details	- OI OI							
0930	1030)	1.0	1		ecked well pre	ssures:								
					ide: 420 psi. e: 460 psi.										
						bing and back s	side to ci	rculation	tank.						
1030	1100)	0.5	Schlumb	erger Fishing	personnel on lo	cation. I	Reviewed		otting and la	yout of				
						ew and Fishing		el.							
1100	1130		0.5			paring equipme									
1130	1200		0.5		eld JSA / Safety Meeting with Nabors rig crew, Schlumberger Fishing personnel.										
1200	1430)	2.5		oved in / spotted Fishing trucks. Rigged up. aiting on special Schlumberger Sensa line fishing tool to arrive by Hotshot.										
1430	1900)	4.5		aiting on special Schlumberger Sensa line fishing tool to arrive by Hotshot. becial fishing tool on location. Rigged up tool and in hole fishing for Sensa line tool.										
1900	1930		0.5		OH with Fishing tools. Secured well and left location for the day.										
1700	1,50				Note: Unsuccessful Fishing today. Plan to release retrievable packer and pull 2-7/8" work string										
					v, then contin					<u> </u>					
	Tota	<u> </u>	10.0												
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				*							<u> </u>				
				Safaty M	lecting: Disc	ıssed H2S gas	notentio	l to be o	n location and	l action to to	ke if H2S is				
											verhead loads				
				– stay cle	ear at all time	es. Struck by /	against,	pinch p	oints / sharp e	dges. "Zero	Harm'' to				
				yourself,	, equipment,	and environm	ent. "Li	ne of Fir	e" Stay clea	r at all time	s. Use of tag				
											mmunications				
					between crews. Strains / Sprains - Let the equipment pick up heavy loads. Get help if										
					needed to lift. Use proper lifting techniques – Use legs, not back when lifting. Pressure extremes – Be aware and have plan / tools to control well at all times.										
										,					



					WELL WO	RKOVER DA	ILY REPORT	
Projec	t No.:	5079	95A	Date:	10-05-12	Report No.	12 Reported By: M. Fourrier	
Opera	tor:	AKA	1		Well Name	& No.:	Maljamar AGI Well #1	
Contra	actor :	Nab	ors		Rig No.	624	County: Lea State: New Mexic	:0
Ti	me L	og	Elapse		,		Details of Operation	
Fron	r T	`o	Time				Details of Operation	
0700	0730		0.5				ng with Nabors rig crew and Weatherford packer hand.	
0730	0800		0.5	Backside	- No pressure	e. Rigged up p		
0800	0930		1.5	Found Se	nsaline at bre	ak. Installed cl	ievable packer. Pulled (2) stands of 2-7/8" work string. imp to hold Sensaline.	
0020	1000		0.5				cation. Held JSA.	
0930	1000		0.5		erger Fishing p and clamped		cation. Held JSA.	
1000	1100		1.0				line on Fishing truck.	
1100	1130		0.5			ne OOH with I		
1130	1230		1.0		h Sensaline –		d 9,500' of Sensaline OOH). Rigged down Fishing	
1230	1330		1.0			/(2) stands of	work string back down hole.	
1330	1400		0.5				52'. Tested Good!	
1400	1530		1.5				ed acid pumping operations.	
1400	1330		1.5				and Nabors rig crew. Moved in and spotted Cudd pump	
						y wall piping,		
1530	1600		0.5				500 psi. – Tested Good.	
1600	1630		0.5	Started p	umping 10.0 l	b./gal. brine do	wn hole in order to establish a flow rate.	
1630	1700		0.5	Flow rate	e established.	Staged (started	pumping), 15% HCL acid.	
1700	1800		1.0	Finished	pumping acid	downhole (tot	d 48 bbls.). Started pumping brine down hole.	
1800	1830		0.5	any brine			followed by 10 bbls of fresh water in order to clear lines ter. Closed in well, depressured lines, rigged down Cudd of	
1830	1900		0.5			ocation for the	lay.	
	Total	l	12.0				4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 -	
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	<u> </u>			~ 4 :	 			
				detected. – stay cle yourself, lines whi between needed to extremes	Slips / Trips ar at all time equipment, a le picking up crews. Strain o lift. Use pro — Be aware a emp. Stay foc	/ Fall – 100% es. Struck by / and environm / laying down as / Sprains – l oper lifting tec and have plan	potential to be on location and action to take if H2S is tie off when working in elevated areas. Overhead load against, pinch points / sharp edges. "Zero Harm" to int. "Line of Fire" — Stay clear at all times. Use of tag equipment. Importance of good, clear communication at the equipment pick up heavy loads. Get help if iniques — Use legs, not back when lifting. Pressure / tools to control well at all times. Weather change — t hand. Do Not allow weather conditions distract you	



	E				WELL WO	ORKOVER DA	ILY RE	PORT	· · · · · · · · · · · · · · · · · · ·						
Projec	t No.:	5079	95A	Date:	10-06-12	Report No.	13	Repor	ted By: M. Fo	urrier					
Opera	tor:	AK	4		Well Name	& No.:	Maljan	nar AG	I Well #1						
Contra	actor :	Nab	ors		Rig No.	624	County	/ :	Lea	State:	New Mexico				
Ti	me L	og	Elapse	,	1		Dotoile	of Or	oration						
Fron	n T	Го	Time		,		Details	or Of	oeration						
					<u> </u>				·						
0730	0800	·	0.5				-		ig crew, and Wea						
0800	0830	ŀ	0.5					uum for	a short time, ther	n went stat	ic. Backside				
	4400		2.5			gged up pipe to			1 11 0	= (a) I					
0830	1100)	2.5				rievable p	oacker. S	Started pulling 2-	7/8" work	string /				
					le packer OO		lagation	Moved	in Fishing trucks	and starts	d makina un				
				tools.	mumberger r.	isining crew on	iocation.	Moved	in rishing trucks	and starte	ı makıng up				
1100	1130	1	0.5		ork string w/	retrievable pack	er OOH								
1100	1150				Note: Change in plans – Ran retrievable packer back down hole to 1500' (25) stands. Reintstall										
					IW valve in order to conduct flow test on formation.										
1130	1200)	0.5	Waiting	/aiting on Weatherford Packer hand and Serveo personnel to set and pressure check packer.										
1200	1300	ı	1.0	Packer se	et and pressur	e checked to 50	0 psi T	ested G	ood.						
1300	1330	ı	0.5	Rigged u	p RU unit hos	se to tubing side	e to cond	uct flow	test. Added brine	e to both s	ides of well in				
					Rigged up RU unit hose to tubing side to conduct flow test. Added brine to both sides of well in order to be liquid full before starting flow test.										
1330	1400		0.5			all with PB Ene									
1400	1530		1.5						5) bbls./min. flov	v rate with	a total of (63)				
1500	1.000		0.5			ine pumped do		g side of	well.		· 				
1530	1600		0.5			d back side of v									
1600	1630		0.5						ork string and re						
1630	1900		2.5				ran dowr	n hole. T	agged up and car	ne OOH w	ith approx.				
	ļ				Sensaline wire	e. ocation for the	day								
				Secured	well allu lett i	ocation for the	uay.				··				
	Total		11.5		· · · · · · · · · · · · · · · · · · ·										
	Total	•	11.5		•		· · · · ·		···						
				Safety M	laating: Disco	ussad H2S gas	notontia	l to be o	n location and a	ation to to	lko if U2S is				
									n location and a rking in elevated						
									oints / sharp edg						
									of good, clear c						
									ave plan / tools						
				times. W	eather chang	ge – Cold temp	. Stay fo	cused o	n task at hand. I	Do Not all	ow weather				
	conditions distract you while working.														
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		etalia water		WELL WO	ORKOVER DA	ILY REPORT								
Project	t No.:	50795A	Date:	10-07-12	Report No.		ted By: M. I	ourrier						
Operat		AKA		Well Name	& No.:	Maljamar AG	I Well #1							
Contra	ctor:	Nabors		Rig No.	624	County:	Lea	State:	New Mexico					
	me L			!	,	Details of O	neration		-					
Fron	Γ	o Time		!	-	Details of O								
0730	0800	0.5	Arrived	at location. He	ald cafety meet	ng with Nabors r	ig craw and So	hlumbargar	Fishing craw					
0800	0830					re. Rigged up Fis								
0000	0030	0.5	gauge to	ols OOH.	•		•							
0830	1700	8.5	line. Rig hole on (tools OO	Made (6) Fishing runs pulling line OOH on each run. On (7 th) Fishing run came OOH with no ne. Rigged down "3-point grab" tool and rigged up 1.5" OD "Overshot" tool and going down ole on (8 th) Fishing run. On 8 th run, pulled pressure gauges OOH (All Sensaline and slickline pols OOH). Note: Total of (616') of Sensaline pulled OOH.										
1700	1800	1.0	Rigged d	ged down Schlumberger Fishing.										
1800	1830	0.5	Secured	ecured well and left location for the day.										
				,										
	Tota	11.0												
			detected – stay cl yourself	l. Slips / Trip ear at all tim , equipment,	s / Fall – 100% es. Struck by / and environm	potential to be on the off when wo against, pinch pent. Importance k at hand. Look	rking in eleva points / sharp e e of good, clear	ted areas. O edges. "Zero communic	verhead loads Harm" to ations between					
			 											
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					WELL WO	ORKOVER DA	AILY RE	PORT						
Project	t No.:	5079	5A	Date:	10-08-12	Report No.			ted By: M. Fo	urrier				
Operat	tor:	AKA			Well Name		Maljan	nar AG	Well #1					
Contra		Nabo			Rig No.	624	County	:	Lea	State:	New Mexico			
	me L		Elapse		,	-	Details	of Or	eration					
From	<u> </u>	o'	Time		•									
0730	0800		0.5	A mirrod o	t logotion We	ald safaty most	na with N	Tahona n	ia araw					
0800	1000		2.0			eld safety meeti				lear and we	arle atrina haale			
0800	1000		2.0		Checked well for pressure. No pressure. Started running retrievable packer and work string back in hole to 9452'.									
1000	1030		0.5			evable packer /	work strii	ng back	in hole. Weather	ford Packe	r hand on			
					and set packer									
1030	1100		0.5						ands. Cudd riggi					
1100	1230		1.5		Cudd rigged up. Filled backside of well liquid full with 10 lb. brine and pressured up to 1000 psi. to pressure check packer – Tested Good! Pressure checked Cudd flow iron to 8,500 psi. – No									
		- 1		leaks.	aks.									
1230	1300		0.5		arted 2 nd acid treatment of well / perforations / formation.									
1300	1500		2.0		inished Cudd 2 nd acid treatment of well. Depressured flow iron and rigged down.									
	<u></u>			Note: Of	ote: Offloaded (1) vacuum truck of 10 lb. brine into Frac Tanks.									
1500	1530		0.5	Secured v	well and left l	ocation for the	day.							
					1									
	Total		8.0											
									phases separated	d by fresh	water sweeps.			
		İ				oalls in (11) pha een on tubing si								
						e seen on tubin								
						vas (5.0) bbls./1		,						
						te was (2.9) bb		_	45					
				Note: Sur	rged tubing si	de (5) times to	clear ball	s out of	perf's.					
				detected. – stay cle with rota Importan Look out	Slips / Trips ear at all time ating equipm nce of clear c t for yourself	s / Fall – 100% es. Struck by / ent, "Zero Ha communication	tie off w against, rm" to yo ns betwee er at all ti	then wo pinch p ourself, en crew imes. Tl	n location and a rking in elevated oints / sharp edge equipment, and members. Stay to the most importa	d areas. O ges. Poten the environ focused or	verhead loads tial hazards onment. 1 task at hand.			
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Project		5079		Date:	10-09-12	Report No.	16	Reported By		ourrier					
Operate		AKA		<u>-</u>	Well Name			nar AGI Well	#1	1 04 4					
Contra		Nab			Rig No.	624	County	: Lea		State:	New Mexico				
Tin		_=	Elapse		1]	Details	of Operati	on						
From	T	o	Time	-						 -					
0730	0800		0.5	Arrived a	t location. He	old safety meeti	ng with N	Jahors rig crev	y and Sch	lumberger (Sensaline crew.				
0800	0830		0.5		well for press		ing with i	tabols lig cicv	v and ben	iumoerger i	Selisaline crew.				
0800	0830		0.3	Tubing si Back side Bled pres	ide: 400 psi. e: 1000 psi. ssure off of tu	bing side of we		(F	1.		(10/0/10)				
0830	1230		4.0	Rigged u on 10K c Sensaline	p Schlumberg rossover to be e. Decision ma	up and hauled ger Sensaline, be clocated and de ade to run Sens	ut unable elivered.	to tie into TIV Unable to find	V valve a	nd go down ate crossove	hole. Waiting er to rig up				
1230	1300		0.5		ote: Cudd on location at 0900 hrs. eld safety meeting with Cudd personnel, Nabors rig crew, etc.										
1300	1530		2.5								,				
1300	1330			Started be	Cudd rigged up and tested lines to 8,500 psi. – Tested Good. Started brine injection step rate test on well. Note: Offloaded (2) vac. trucks of brine into Frac Tanks. (Total 200 bbls.) Note: Offloaded (302) joints of 2-7/8", Ultra FJ, 6.40lbs./ft. on location.										
1530	1600	_	0.5		Cudd finished step rate test. Depressured flow iron and rigged down.										
1600	1630		0.5		Secured well and left location for the day.										
					1										
	Total		9.0	Note: Scl	hlumberger Se	ensaline will be	ran tomo	orrow.							
					- 					-					
				•	Max. flow rat	e – 6559 psi. sure – 5005 psi e – 7.2 bbls./m rate – 4.5 bbls	in.								
					1			-							
				Safety Meeting: Discussed H2S gas potential to be on location. Slips / Trips / Fall – 100% tie off when working in elevated areas. Overhead loads – Be aware of and stay clear at all times. Struck by / against, pinch points / sharp edges. "Zero Harm" to yourself, equipment, and the environment. Importance of clear communications between crew members. Stay focused on task at hand. Look out for yourself and each other at all times. The most important objective today and every day is that we all go home injury / incident free!											
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					WELL WO	RKOVER DA	AILY RE	PORT							
Projec	t No.:	5079		Date:	10-10-12	Report No.	17		<u>-</u>	ourrier	· · · · · · · · · · · · · · · · · · ·				
Opera		AK			Well Name				Well #1		1				
Contra		Nab			Rig No.	624	County	<u>:</u>	Lea	State:	New Mexico				
		og	Elapse		i	-	Details	of Or	eration						
Fron	n 7	Го	Time		-										
0730	0800)	0.5	Arrived a	nt location. He	eld safety meeti	ing with N	Vabors r	ig crew, Servco,	and Schlui	nberger				
				Sensaline											
0800	0930		1.5	Tubing s Back side	well for presside: 0.0 psi.e: 900 psi.e.	er Sensaline. F	Replaced r	one soc	ket						
0930	1000)	0.5			ed rigging up to									
1000	1030		0.5	Pressure pressure	ressure checked lubricator, etc. to 5000 psi. – Tested Good. Going down hole with Sensaline / ressure gauge tools.										
1030	1130)	1.0		Schlumberger TD'ed and pulled up 10' with pressure gauges. Hooked up fiber optic communications and established baseline temperature profile.										
1130	1230)	1.0	Started p	Started pumping 10# brine down tubing side at 2.5 bbls./min. flow rate in order for Sensaline to establish injection profile. Pumped for 1.25 hrs for a total of 187.5 bbls.										
1230	1300		0.5	pressure/	Stopped injection of brine down tubing side. Closed in well and allowing Sensaline to gather pressure/temperature data over the next 5 days in order to complete the falloff period. Secured well and left location for the day.										
	Tota	1	5.5		1				1,00						
		•		off when times. St and the	working in e ruck by / aga environment.	elevated areas. inst, pinch po Importance	Overhea ints / sha of clear c	id loads rp edge ommun	n location. Slips — Be aware of s. "Zero Harm ications betwee each other at all	and stay cl " to yoursen crew me	elf, equipment,				
	<u> </u>														
	-														
	_				: 										
					,										
	L														



		-			WELL WO	ORKOVER DA	ILY RE	EPORT							
Projec	t No.:	5079	5A	Date:	10-18-12	Report No.	18			urrier					
Opera	tor:	AKA	<u> </u>		Well Name	& No.:	Maljar	nar AGl	Well #1		-				
Contra	actor :	Nab	ors	_	Rig No.	624	County	y:	Lea	State:	New Mexico				
Ti	me L	og	Elapse		;		Dotoila	of Or	oration						
Fron	7	o	Time		;		Details	or Op	eration						
0730	0800		0.5			<u>`</u>	ng with l	Nabors r	g crew, and Sch	lumberger	Sensaline crew.				
0800	0900	1	1.0		Checked well for pressure. Tubing side: 0.0 psi.										
					Back side: 350 psi. Bled pressure off of backside to circulation tank.										
				Died pres	ssuic off of or	ickside to circu	iation tan	ik,							
				Schlumb	erger Sensalir	ne coming OOF	I.								
0900	0930		0.5		chlumberger OOH with Sensaline and rigged down.										
0930	1500	1	5.5		Veatherford Packer hand released retrievable packer. Started pulling 2-7/8" work string OOH. ote: Started loading out 2-7/8" work string at 1400 hrs.										
							string at	t 1400 hr	S.						
1500	1620		1.0		hlumberger le		.1								
1500	1630		1.0			OH and rigging		trievahle	nacker Moved	new 2-7/8	ogeing ground				
				on location	Finished loading out 2-7/8" work string and retrievable packer. Moved new 2-7/8" casing around on location to be ready for Tuboscope thread inspection tomorrow morning.										
						ocation for the		pootio	1 10111011011 111011						
					1										
	Tota	l	9.0							· · · · · · · · · · · · · · · · · · ·					
									n location. Slips						
									mes. Look out						
									ro Harm" to yo						
									ards – Keep cle members. Stay						
						and each othe			members. Stay	iocuseu oi	i task at manu.				
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					WELL WO	ORKOVER	DAILY REPORT							
Project	t No.:	5079	95A	Date:	10-19-12	Report N	o. 19 Repo	rted By: M. l	Fourrier					
Operat	tor:	AK	A		Well Name		Maljamar AG	I Well #1						
Contra	ctor:	Nab	ors		Rig No.	624	County:	Lea	State:	New Mexico				
Tir		og	Elapse		,		Details of O	neration						
From	7	Го	Time				Details of O	peration						
						11 0								
0730	0800		0.5				eting with all hand	S						
0800	0900)	1.0		well for press		sure found. acker, seal assemb	V222 bne vl						
							up to clean, inspec		rift and tally	new 2-7/8"				
					L-80 casing.	Ü	, ,	,	•					
					:									
0000	0020		0.5		iting on Bak									
0900	0930		1.5				and setting up.	uga rina						
0930	1100	,	1.3	Note: All	en's Casino (ap and going Crew deliver	down note with ga	uge ring. ns tong unit el	evators wed	ding hand etc				
1100	1500)	4.0	Note: Allen's Casing Crew delivered 2-7/8" bowl / slips, tong unit, elevators, wedding band, etc. Baker Hughes wireline broke. Lost gauge ring tool w/CCL down hole. Stopped operations. S/I										
				and secur	ed well.				• • •					
	ĺ							ve to fish gauge	tool OOH.					
				Note: Waiting on Schlumberger Slickline truck to arrive to fish gauge tool OOH. Note: McNabb delivered (2) light plants to location. Made up permanent packer assembly (BHA).										
				Made up	permanent pe	acker asseme	ny (BHA).							
				Note: Tu	boscope clear	ned / inspecte	ed threads, ran drift	, and tallied (30	2) joints of 1	new 2-7/8", 6.4				
	<u>_</u>						ejects found! Total							
1500	1530)	0.5				d that the counter in							
							d, giving a false rea							
					e tools down		ing panea out or the	c rope socket wi	ich tool icac	ned the surface				
					4									
							65" gauge ring in h							
							ton's 4.65" gauge r ool w/junk basket t			when wireline				
				parteu. C	7.03	gauge ring t	ooi wijunk basket i	nom Baker Hug	giics.					
							gauge ring tools d							
1530	2000		4.5				ng with junk baske							
2000	2030)	0.5				8" gauge ring with							
					.oo gauge ri "horse's head). Rigging up to ma	ke gauge ring r	un. Aiso, Ba	ker Hugnes				
2030	2130)	1.0				th gauge ring / junk	basket. Tool sa	at down at 10	0.125'.				
2130	2200		0.5				ige ring, etc. S/I we							
	<u> </u>			.					J					
	Tota	.l	14.5											
							as potential to be							
							d stay clear at all							
							/ sharp edges. "Z ment potential ha							
	1						ions between crew							
							ther at all times.		•					
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	L		<u> </u>											



	-				WELL WO	DRKOVER DA	AILY RE	PORT					
Project	t No.:	5079)5A	Date: 10-20-12 Report No. 20 Reported By: M. Fourrier									
Operat	tor:	AKA	4		Well Name		Maljan	nar AG	Well #1		-		
Contra	Contractor: Nabors		Rig No. 624 County: Lea State:						State:	New Mexico			
Tiı	Time Log		Elapse	Details of Operation									
Fron	From To Time							<u> </u>					
0700	0700 0730		0.5		Arrived at location. Held JSA / safety meeting with all hands (Nabors rig crew, Allen's Casing Crew, Halliburton, Baker Hughes, Servco, and TMC (Thread reps).								
0730	0830)	1.0			sure. No pressu							
					p bowl / slips and ran in ho		Jltra FJ c	asing. O	pened blind rams	. Picked u	ıp tailpipe		
0830	1000)	1.5				hole with	Hallibu	irton permanent p	acker asse	embly on Baker		
	İ			Hughes v	vireline.				-		•		
									/ft., L-80 tubing:				
1000	1030	1	0.5						the center of CRA	A joint at 9	9,452'.		
				Set permanent packer at 9,452'. Wireline coming OOH.									
				Note: Packer BHA: 60.67' (End of mule shoe to top of packer).									
1030	30 1130		1.0	Baker Hughes wireline OOH, rigged down, and left location.									
1130			0.5	Allen's Casing Crew moved in and rigged up. Picked up (2) joints of new 2-7/8" tubing and made									
									e working proper				
1200	1300	1	1.0			ssembly in hole	e followed	d by (1)	full joint of new	2-7/8" tub	ing. Installed		
					check valve.	7/9" tubina in	tha hala						
				Starteu It	illillig new 2	-7/8" tubing in	me noie.						
				Note: Rig	g crew tallied	new casing.							
1300	1900)	6.0			500 psi every 1	1000'. Te	sted Goo	od, No leaks.				
				Ran new tubing to 5,000'.									
1900	1930		0.5	Stopped	running tubin	g in the hole fo	r today. S	secured '	well and left loca	tion.			
	Tota	<u> </u>	12.5										
									n location. Slips				
									imes. Look out f ro Harm" to you				
									ards – Keep cle				
									members. Stay 1				
						and each othe			· · · · · · · · · · · · · · · · · · ·				
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					WELL WO	RKOVER DA	AILY RE	PORT					
Project	t No.:	5079	95A	Date:	<u> </u>								
Operat	tor:	AK	A	Well Name & No.:			Maljamar AGI Well #1						
Contra	Contractor:		ors	Rig No. 624 County: Lea Sta						State:	New Mexico		
Tir	Time Log Elapse		Elapse	Details of Operation									
From	From To Time					·	Details	or Of	——————————————————————————————————————				
0700	0730		0.5		Arrived at location. Held JSA / safety meeting with all hands (Nabors rig crew, Allen's Casing								
0730	0020		1.0	Crew, Serveo, and TMK (thread reps).									
0/30	30 0830 1.0		1.0	Checked well for pressure. No pressure. Continued running new 2-7/8" tubing in the hole.									
0830	1000		1.5		Stopped running tubing in the hole due to tong unit breakdown.								
	1000					unit to arrive o							
1000	1530		5.5	Tong uni	t arrived on lo	cation. Rigged	l up and c	ontinue	d running tubing	in the hole	. .		
					lickline on loca			7/9"					
1530	1700		1.5			tion with 15%			ecked to 500 psi	for leaks -	Tested Good!		
1550	1700		1.5	1 mistica	ruining 2-770	tuonig in noi	c and pre	SSUIC CII	cence to 500 psi	101 leaks	rested dood:		
				Note: Ran 2-7/8" tubing to 9,452'. Tagged permanent packer half way up joint (#288).									
			Allen's Casing Crew and TMK rigged down and left location for the day.										
		•		Schlumberger Slickline moved in and spotted truck on location. Rigged up slickline and going down hole to pull one-way check valve.									
1700	1730		0.5		umberger Slickline OOH with one-way check valve and rigging down.								
1700	1750		0.5	McNabb moved in, spotted truck and rigging up.									
1730	1800		0.5	McNabb rigged up and pressure checked flow iron to 1,000 psi. – No leaks.									
				Started p	umping (20) l	bls of 15% HC	CL down	inside of	f 2-7/8" tubing a	t 1.0 bbl/m			
1800	1830		0.5					•	of fresh water to				
1830	1900		0.5						in and reversed				
1000	1020		0.5	(65) bbl. fresh water flush down the backside of well to clear all HCL from backside & tubing. S/I and secured well. Left location for the day.									
1900	1930		0.5	S/I and se	cured well. L	ett location for	the day.			·			
	70 . 1		10.5		·	<u>-· </u>							
	Total		12.5										
										_			
	ļ		 	Cofety NA	lasting: Dic	used U2C		l to bo -	n location. Slip	o /Twino / l	Fall notantial		
									imes. Look out				
									ro Harm" to yo				
				the envir	onment. Ro	tating equipm	ent poter	ntial haz	ards – Keep cle	ear of rota	ing equipt.		
									members. Stay	focused or	ı task at hand.		
				Look out	for yourself	and each othe	er at all t	imes.					
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					1		-			_			
	<u>L</u>												



					WELL WO	DRKOVER DA	AILY RE	PORT					
Project No.: 50795A		5A	Date:	10-23-12	Report No.	23	Report	ed By:	M. Fo	urrier			
Operator: AKA		AKA	<u> </u>	Well Name & No.: Maljamar AGI Well #1									
Contractor: Nat		Nabo	rs		Rig No. 624 County: Lea State: New Mer								
Time Log Elapso			Elapse				Dotoila	of On	orotion				
From To		Го	Time		•	·	Details	of Op	eration				
0730			0.5	Arrived at location. Held JSA / safety meeting with all hands (Nabors rig crew, Servco, Halliburton, Reno Services and GE Oil & Gas.									
0800			1.0	Checked well for pressure on tubing side. No pressure. Pulled hanger pup from hanger. Moved rig floor and nippled down BOP, rams.									
0900	1000		1.0	Rigged d	errick down a	and moved rig a	way fron	n wellhea	d.				
1000	1030)	0.5	Loaded o	ut Thomas To	ools equipment	•						
1030			0.5	the SSSV	Installed new injection tree. Halliburton fed ¼" tubing through hanger, secured and locked open the SSSV with 4,000 psi.								
1100	0 1130		0.5		GE personnel tested P-seal on extended neck of hanger to 4,500 psi. Held for (15) minutes – Tested Good!								
1130	1200 0.5		0.5	GE pulled double check valve from hanger.									
1200	1330	1330 1.5		Flushed RU unit lines with diesel to remove all water. Loaded out EOS pipe racks, etc.									
1330	1400	,	0.5	Verified / confirmed backside of well full of diesel. Hooked up pressure recorder to backside of well.									
1400	1430	Pressured up backside of well (annular side) to 500 psi for MIT with BLM personnel present t witness test.							nel present to				
1430	1500)	0.5	MIT test complete and confirmed by BLM personnel.									
1500	1530)	0.5	Depressured backside of well per MIT test requirements. Pressured backside of well up to 250 psi with diesel. Blocked in backside and secured well.								ell up to 250 psi	
1530	1.0			Released Nabors Rig #624. Met with AKA Supervision at well location. Discussed / reviewed Hydraulic Control Panel setup and operation with AKA Supervision. Decision made by AKA Supervision to contact PB Energy concerning operation of SSSV and control panel once process piping / electrical progresses to termination point.									
	Tota	1	10.0		,								
										-			
				Overhea Struck b the envir forklift - picking	d loads – Be y / against, p onment. Dro - Stay clear o up and movin	ussed H2S gas aware of and s sinch points / s opped and/or s of forklift loads ng equipment focused on tas	stay clear harp edg hifting lo s. Use fla around. I	r at all tinges. "Zer bads whe gman wh Importan	mes. Loo to Harm n pickin ten back tce of cl	ok out in the second of the se	for falling urself, equ moving 6 Use tag l imunicati	objects, etc. nipment, and equipment with ines when ons between	



	CALIFORNIA CHARLES FOR				WELL WO	ORKOVER DA	ILY RE	PORT			·		
Project	No.:	50795A		Date:	10-24-12	Report No.	ted By: M. Fourrier						
Operat	or:	AKA		Well Name & No.: Maljamar AGI Well #1									
Contra	Contractor:				Rig No.	624	County	7:	Lea	State:	New Mexico		
Tir	Time Lo		lapse	•	1	1	Details	of Or	eration				
From			Time				octaris .	<u> </u>	——————————————————————————————————————				
0730	0800 0.5			Arrived at location. Held JSA / safety meeting with all hands (Servco, and Schlumberger Slickline personnel.									
0800	0 0830 0.5		5	Checked well for pressure. Found (800) psi. on tubing side when Schlumberger rigged up lubricator and opened up to tubing side of well (diesel at surface). Schlumberger Slickline rigged up and going down hole to pull equalization prong and then blanking plug.									
0830			5	Slickline OOH with equalization prong. Going back down hole to pull blanking plug.									
1200	1300	1.	0			l. No blanking p			down hole to pu	ll blanking	plug.		
1300	0 1700		0	Note: Mo	oved (1) empt	te OOH with blacky EOS frac tank	off of lo	ocation.	Also, moved Na	bors rig off	location.		
1700 1730	1730 0.5 2100 3.5			Schlumberger Slickline rigged down and left location. Rigged up Servco RU and pumped away left over brine and fresh water from frac tanks down									
				tanks. Al Rigged d	I frac tanks en own Serveo i	n location. Pullempty and ready flow iron / HP h	to be hau oses and	ıled off	location.				
	Total	13	3.5										
				Overhea Struck b the envir	d loads – Be y / against, p ronment. Pre	ussed H2S gas aware of and s binch points / sl essure extremes ed on task at h	tay clear harp edg s. Import	r at all t ges. "Ze tance of	imes. Look out ro Harm" to yo clear commun	for falling ourself, equications be	objects, etc. iipment, and tween crew		
								-					
					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,								
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				WELL WO	ORKOVER DA	AILY RE	PORT		•		
Projec	t No.:	50795A	Date:	10-25-12	Report No.			ted By: M. Fo	ourrier		
Opera		AKA		Well Name		Maljan	ıar AĞ	Well #1			
Contra	ctor :	Nabors		Rig No. 624 County: Lea				State:	New Mexico		
	Time Log Elapse		<u> </u>	i]	Details	of Or	eration			
Fron	T h	o Time									
0730	0800	0.5	Arrived at location. Held JSA / safety meeting with Servco, F&W, and EOS truck driving								
0730	0800	0.5	personne		na isan' salety	meeting	WILL DC	1 vco, 1 & vv , und	LOS truck	diving	
0800	0900	1.0		well for press							
			Backside	ide pressure: < pressure: 250	~23 psi. I nsi						
					culation tank.	Hauled ba	ick to Se	ervco yard.			
					ac tanks back to			•			
			Note: Clo	osed SSSV.							
					nnel making re		ellar wa	ll			
0900	1100	2.0			(1) EOS frac ta		. 11 .	41.7	•		
			Sanifech	i Kentais pick	ed up and haule	ea on po	rtable to	net.			
			Note: All equipment with completion operations is now off location.								
			E&W Inc	lustrias finish	مط ممالمه سراله	anaira ana	l loft los	otion			
1100	1130	0.5	F&W Industries finished cellar wall repairs and left location. Visited with Aka Supervision and notified them that the Maljamar AGI #1 completion was								
1100	1150	0.5	finished i	otton was							
				3 informed Althe results bac		to monito	r backsi	de casing pressu	ire on a we	ekly basis and	
		-									
	Total	4.0			=:						
		P	Struck b	y / against, p conment. Imp	inch points / s ortance of cle	harp edg ar comm	es. "Ze unicatio	n location. Slips ro Harm" to yo ons. Stay focuse man when bacl	urself, equ d on task :	ipment, and	
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