

Work done 10-01-2012 thru 10-25-2012

FOR RECORD ONLY

ELL 1-7-2013



WELL WORKOVER DAILY REPORT

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WELL WORKOVER DAILY REPORT

Project No.:	50795A	Date:	10-03-12	Report No.	10	Reported By:	M. Fourrier
Operator:	AKA	Well Name & No.:		Maljamar AGI Well #1			
Contractor :	Nabors	Rig No.	624	County:	Lea	State:	New Mexico
Time Log	Elapse	Details of Operation					
From	To	Time					
0730	0800	0.5	Arrived at location. Held safety meeting with Nabors rig crew, Schlumberger, Pace Setter, and Servco 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. Wireline with gauge ring coming OOH.				
0900	0930	0.5	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 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. Offloaded load of 10.0 lb./gal. brine into Frac Tanks.				
1300	1430	1.5	Rigged up with Sensa line and going down hole.				
1430	1600	1.5	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 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 again.				
1730	1800	0.5	Shutdown again in order to fix another leak above the TIW valve, and change out a Halco valve. 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 down the 2-7/8" work string to flush all acid out of the line and into the formation.				
1900	2230	3.5	Rigged up and started pumping brine down hole. Pumped a total of 79 bbls. of 10.0 lb. brine 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.				
	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.				



WELL WORKOVER DAILY REPORT

Project No.:	50795A	Date:	10-04-12	Report No.	11	Reported By:	M. Fourrier
Operator:	AKA	Well Name & No.:	Maljamar AGI Well #1				
Contractor :	Nabors	Rig No.	624	County:	Lea	State:	New Mexico
Time Log	Elapse	Details of Operation					
From	To						
0930	1030	1.0	Arrived at location. Checked well pressures: Tubing side: 420 psi. Back side: 460 psi. Bled pressure off of tubing and back side to circulation tank.				
1030	1100	0.5	Schlumberger Fishing personnel on location. Reviewed / discussed spotting and layout of equipment with Rig crew and Fishing personnel.				
1100	1130	0.5	Fishing tool hands preparing equipment.				
1130	1200	0.5	Held JSA / Safety Meeting with Nabors rig crew, Schlumberger Fishing personnel.				
1200	1430	2.5	Moved in / spotted Fishing trucks. Rigged up. Waiting on special Schlumberger Sensa line fishing tool to arrive by Hotshot.				
1430	1900	4.5	Special fishing tool on location. Rigged up tool and in hole fishing for Sensa line tool.				
1900	1930	0.5	OOH with Fishing tools. Secured well and left location for the day. Note: Unsuccessful Fishing today. Plan to release retrievable packer and pull 2-7/8" work string tomorrow, then continue fishing.				
	Total	10.0					
			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. Struck by / against, pinch points / sharp edges. “Zero Harm” to yourself, equipment, and environment. “Line of Fire” – Stay clear at all times. Use of tag lines while picking up / laying down equipment. 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. Pressure extremes – Be aware and have plan / tools to control well at all times.				



WELL WORKOVER DAILY REPORT

Project No.:	50795A	Date:	10-05-12	Report No.:	12	Reported By:	M. Fourrier
Operator:	AKA	Well Name & No.:		Maljamar AGI Well #1			
Contractor:	Nabors	Rig No.	624	County:	Lea	State:	New Mexico

Time Log			Elapse Time	Details of Operation
From	To			
0700	0730	0.5	Arrived at location. Held safety meeting with Nabors rig crew and Weatherford packer hand.	
0730	0800	0.5	Checked well for pressure. Tubing side pulled slight vacuum for a short time, then went static. Backside – No pressure. Rigged up pipe tongs.	
0800	0930	1.5	Weatherford packer hand released retrievable packer. Pulled (2) stands of 2-7/8" work string. Found Sensaline at break. Installed clamp to hold Sensaline. Waiting on Schlumberger Fishing personnel to arrive at location.	
0930	1000	0.5	Schlumberger Fishing personnel on location. Held JSA. Rigged up and clamped Sensaline.	
1000	1100	1.0	Pulled enough line OOH to splice into line on Fishing truck.	
1100	1130	0.5	Started pulling Sensaline OOH with Fishing truck.	
1130	1230	1.0	OOH with Sensaline – No tool. (Pulled 9,500' of Sensaline OOH). Rigged down Fishing equipment.	
1230	1330	1.0	Ran retrievable packer / (2) stands of work string back down hole.	
1330	1400	0.5	Reset and pressure tested packer at 9452'. Tested Good!	
1400	1530	1.5	Cudd on location. Reviewed / discussed acid pumping operations. Held JSA / safety meeting with Cudd and Nabors rig crew. Moved in and spotted Cudd pump trucks. Rigged up heavy wall piping, etc.	
1530	1600	0.5	Pressure checked Cudd lines, etc. to 5,500 psi. – Tested Good.	
1600	1630	0.5	Started pumping 10.0 lb./gal. brine down hole in order to establish a flow rate.	
1630	1700	0.5	Flow rate established. Staged (started pumping), 15% HCL acid.	
1700	1800	1.0	Finished pumping acid downhole (total 48 bbls.). Started pumping brine down hole.	
1800	1830	0.5	Finished pumping brine (total 70 bbls) followed by 10 bbls of fresh water in order to clear lines of any brine. Stopped pumping fresh water. Closed in well, depressured lines, rigged down Cudd off of tubing side of well.	
1830	1900	0.5	Secured well and left location for the day.	
	Total	12.0		
			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. Struck by / against, pinch points / sharp edges. "Zero Harm" to yourself, equipment, and environment. "Line of Fire" – Stay clear at all times. Use of tag lines while picking up / laying down equipment. 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. Pressure extremes – Be aware and have plan / tools to control well at all times. Weather change – Cooler temp. Stay focused on task at hand. Do Not allow weather conditions distract you while working.	



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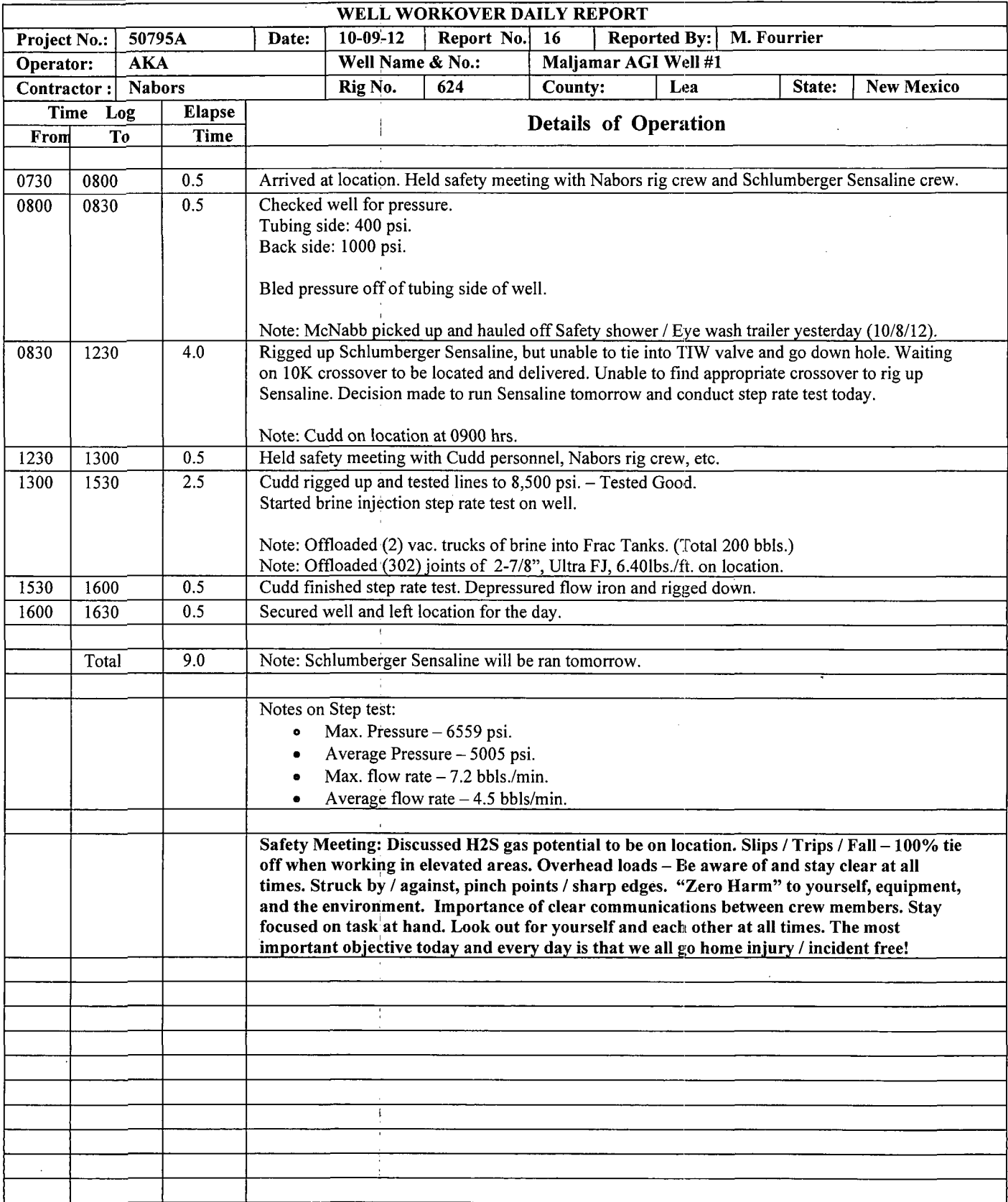
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WELL WORKOVER DAILY REPORT

Project No.:	50795A	Date:	10-19-12	Report No.	19	Reported By:	M. Fourrier
Operator:	AKA	Well Name & No.:	Maljamar AGI Well #1				
Contractor:	Nabors	Rig No.	624	County:	Lea	State:	New Mexico
Time Log	Elapse	Details of Operation					
From	To						
0730	0800	0.5	Arrived at location. Held safety meeting with all hands.				
0800	0900	1.0	<p>Checked well for pressure. No pressure found. Offloaded Halliburton permanent packer, seal assembly and SSSV. Tuboscope on location and setting up to clean, inspect threads, run drift and tally new 2-7/8" Ultra FJ, L-80 casing.</p> <p>Note: Waiting on Baker Hughes wireline.</p>				
0900	0930	0.5	Baker Hughes wireline on location and setting up.				
0930	1100	1.5	<p>Baker Hughes rigged up and going down hole with gauge ring. Note: Allen's Casing Crew delivered 2-7/8" bowl / slips, tong unit, elevators, wedding band, etc.</p>				
1100	1500	4.0	<p>Baker Hughes wireline broke. Lost gauge ring tool w/CCL down hole. Stopped operations. S/I and secured well. 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).</p> <p>Note: Tuboscope cleaned / inspected threads, ran drift, and tallied (302) joints of new 2-7/8", 6.4 lbs./ft., L-80, Ultra FJ casing. No rejects found! Total of (9,905.30').</p>				
1500	1530	0.5	<p>Baker Hughes personnel discovered that the counter in their wireline truck was malfunctioning (skipping) when ran at higher speed, giving a false reading of the wireline depth. This false depth reading resulted in the wireline being pulled out of the rope socket when tool reached the surface losing the tools down hole.</p> <p>Note: Did not run Baker Hughes 4.65" gauge ring in hole due to damaged set screw threads (stripped out). Instead ran Halliburton's 4.65" gauge ring that was lost down hole when wireline parted. Ordered 4.65" gauge ring tool w/junk basket from Baker Hughes.</p> <p>Note: Decision made not to fish for gauge ring tools down hole.</p>				
1530	2000	4.5	Waiting on Baker Hughes gauge ring with junk basket to arrive from Midland, TX.				
2000	2030	0.5	Baker Hughes on location with 4.48" gauge ring with junk basket (Baker Hughes did not have another 4.65" gauge ring available). Rigging up to make gauge ring run. Also, Baker Hughes replaced "horse's head" on wireline truck.				
2030	2130	1.0	Baker Hughes going down hole with gauge ring / junk basket. Tool sat down at 10,125'.				
2130	2200	0.5	Baker Hughes came OOH with gauge ring, etc. S/I well and secured. Left location for the day.				
	Total	14.5					
			<p>Safety Meeting: Discussed H2S gas potential to be on location. Slips / Trips / Fall potential. Overhead loads – Be aware of and stay clear at all times. Look out for falling objects, etc. Struck by / against, pinch points / sharp edges. "Zero Harm" to yourself, equipment, and the environment. Rotating equipment potential hazards – Keep clear of rotating equipt. Importance of clear communications between crew members. Stay focused on task at hand. Look out for yourself and each other at all times.</p>				



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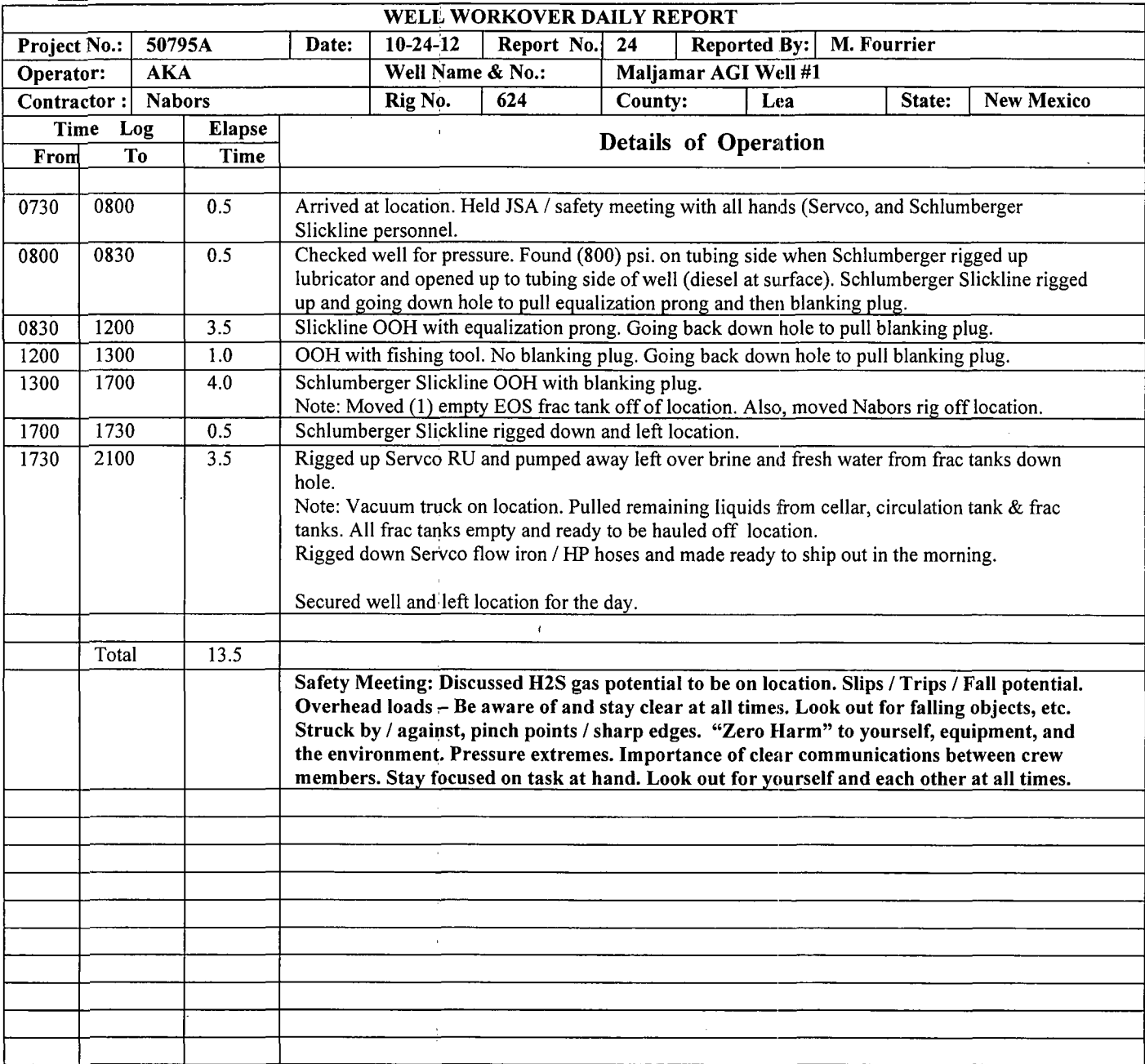
WELL WORKOVER DAILY REPORT

Project No.:	50795A	Date:	10-21-12	Report No.	21	Reported By:	M. Fourrier
Operator:	AKA	Well Name & No.:		Maljamar AGI Well #1			
Contractor :	Nabors	Rig No.	624	County:	Lea	State:	New Mexico
Time Log		Elapse	Details of Operation				
From	To	Time					
0700	0730	0.5	Arrived at location. Held JSA / safety meeting with all hands (Nabors rig crew, Allen's Casing Crew, Servco, and TMK (thread reps).				
0730	0830	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. Note: Waiting on tong unit to arrive on location.				
1000	1530	5.5	Tong unit arrived on location. Rigged up and continued running tubing in the hole. Note: Schlumberger Slickline on location at 1300 hrs. Note: McNabb on location with 15% HCL to pickle 2-7/8" casing.				
1530	1700	1.5	Finished running 2-7/8" tubing in hole and pressure checked to 500 psi for leaks – Tested Good! 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	Schlumberger Slickline OOH with one-way check valve and rigging down. 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 pumping (20) bbls of 15% HCL down inside of 2-7/8" tubing at 1.0 bbl/min.				
1800	1830	0.5	Finished acid injection and started pumping (35) bbls. of fresh water to flush tubing.				
1830	1900	0.5	McNabb finished (35) bbls. fresh water flush. Blocked in and reversed hoses. Servco pumped a (65) bbl. fresh water flush down the backside of well to clear all HCL from backside & tubing.				
1900	1930	0.5	S/I and secured well. Left location for the day.				
	Total	12.5					
			Safety Meeting: Discussed H2S gas potential to be on location. Slips / Trips / Fall potential. Overhead loads – Be aware of and stay clear at all times. Look out for falling objects, etc. Struck by / against, pinch points / sharp edges. "Zero Harm" to yourself, equipment, and the environment. Rotating equipment potential hazards – Keep clear of rotating equipt. Importance of clear communications between crew members. Stay focused on task at hand. Look out for yourself and each other at all times.				



WELL WORKOVER DAILY REPORT

Project No.:	50795A	Date:	10-23-12	Report No.	23	Reported By:	M. Fourrier
Operator:	AKA	Well Name & No.:		Maljamar AGI Well #1			
Contractor :	Nabors	Rig No.	624	County:	Lea	State:	New Mexico
Time Log		Elapse	Details of Operation				
From	To	Time					
0730	0800	0.5	Arrived at location. Held JSA / safety meeting with all hands (Nabors rig crew, Servco, Halliburton, Reno Services and GE Oil & Gas.				
0800	0900	1.0	Checked well for pressure on tubing side. No pressure. Pulled hanger pup from hanger. Moved rig floor and nipples down BOP, rams.				
0900	1000	1.0	Rigged derrick down and moved rig away from wellhead.				
1000	1030	0.5	Loaded out Thomas Tools equipment.				
1030	1100	0.5	Installed new injection tree. Halliburton fed 1/4" tubing through hanger, secured and locked open the SSSV with 4,000 psi.				
1100	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	GE pulled double check valve from hanger.				
1200	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	0.5	Pressured up backside of well (annular side) to 500 psi for MIT with BLM personnel present to witness test.				
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.				
1530	1630	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.				
	Total	10.0					
			Safety Meeting: Discussed H2S gas potential to be on location. Slips / Trips / Fall potential. Overhead loads – Be aware of and stay clear at all times. Look out for falling objects, etc. Struck by / against, pinch points / sharp edges. "Zero Harm" to yourself, equipment, and the environment. Dropped and/or shifting loads when picking up or moving equipment with forklift – Stay clear of forklift loads. Use flagman when backing up. Use tag lines when picking up and moving equipment around. Importance of clear communications between crew members. Stay focused on task at hand. Look out for yourself and each other at all times.				





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