

<u>Event</u>		
Suspended		
BK31-S5 Recompletion (new zone)		
12/30/2013		
Job Cost Detail Report		
Daily Summary		. MONDAY, 12-30-13, OSCAR RODRIGUEZ, KEY 126, BK31-S5/ATOKA, Moved rig from North Cross #50 to BK31-S5 , Rigged up Key 126 , 0PSI on tbg , 0 PSI on csg , Lunch break for crew , Spotted tanks, reverse unit, moved in pipe racks and 2.875 YB (8100') , Prep Tallied top layer of tubing. function test weatherford BOP , Broke wellhead bolts, ND WH , NU BOP , MIRU Dialog WL , ran 4.5 guage ring to 8150' ,pooh & LD tools , SION ,Left WL rigged up to run Gamma gun to correlate with existing log and perforate CSG, Drove crew home . Daily=15,825. CUM=15,825. CMIC=OSCAR RODRIGUEZ, NDP= Perforate, RIH w/ ASX-1 PKR
Pulling Unit - Move/Camp		Moved rig from North Cross #50 to BK31-S5
Pulling Unit - Rig Up		Rigged up Key 126
Tubing - Check Pressure		0PSI on tbg
Casing - Check Pressure		0 PSI on csg
Break for Crew		Lunch break for crew
Equipment - Load/Unload		Spotted tanks, reverse unit, moved in pipe racks and 2.875 YB (8100')
Tubing - Tally		Prep Tallied top layer of tubing.
BOPE - Function Test		function test weatherford BOP
Wellhead - Nipple Down		Broke wellhead bolts, ND WH
BOPE - Nipple Up		NU BOP
Wireline - Rig Up		MIRU Dialog WL
Wireline - Gauge Run		ran 4.5 guage ring to 8150' ,pooh & LD tools
Shut-in Overnight		SION ,Left WL rigged up to run Gamma gun to correlate with existing log and perforate
Rig Crew Travel Time		drove crew home
Total Cost for 12/30/2013		
12/31/2013		
Job Cost Detail Report		
Daily Summary		TUESDAY, 12-31-13, OSCAR RODRIGUEZ, KEY 126, BK31-S5/ATOKA, Drove crew to location, Check pressure on well, 0-csg, 0- psi on tbg , RU Dialog WL, Perforate using 3 1/8 titan guns, @ 1jspf, 120 deg phasing (12.5 G SDP charges, 43 EH, 33.84" @ 7703-7714' , RD WL, MU 5.5 ASX1 PKR (N/P, CARBIDE SLIPS, 1.78 PROFILE SS) w/ 2.875 S.N. RIH w/ PKR and picking up 230 YB jnts , left PKR swinging @ 7346' to stay well above perfs SION , drove crew home . Daily=17,013. CUM=32,838. CMIC= OSCAR RODRIGUEZ, NDP= SET prk , PetroPlex to acidize.
Rig Crew Travel Time		Drove crew to loc
Safety Meeting		,Held safety meeting ,
Casing - Check Pressure		Check pressure on well, 0-csg,
Tubing - Check Pressure		0- psi on tbg
Wireline - Rig Up		MIRU Dialog WL

Wireline - Perforate Casing/Liner		Perforate using 3 1/8 titan guns,@ 1jspf, 120 deg phasing (12.5 G SDP charges, 43 EH, 33.84" @ 7703-7714'
Wireline - Rig Down		RD WL
BHA - Make Up/Break Down		MU 5.5 ASX1 PKR (N/P, CARBIDE SLIPS, 1.78 PROFILE SS) w/ 2.875 S.N.
Tubing - Pull		RIH w/ PKR and picking up 230 YB jnts , left PKR swinging @ 7346' to stay well above perfs
Shut-in Overnight		SION ,
Rig Crew Travel Time		drove crew home
Total Cost for 12/31/2013		
01/02/2014		
Job Cost Detail Report		
Daily Summary		THURSDAY, 1-2-14,OSCAR RODRIGUEZ, KEY 126, BK31-S5/ATOKA, Drove crew to location, Check pressure on well, 0-csg, 0- psi on tbg ,Sweco came out to change csg valves on B section due to 1 valve is locked closed and the other side is locked half way open, they could not remove the companion flange, studs were built up with rust /dirt/ect.(we will need to get these replaced, Sweco left equip) Secured old valves back on and installed heavy nipples w/ 5000k valves , PU 13- jnts 2.875 YB, PKR swinging at 7728' , circulated well with 80 bbls FW to have balance acid spot. MIRU PetroPlex Acid, spot 500 gals 15% NEFE acid across perfs at 7703-7714' , LD 2 jnts, set ASX1 treating pkr @ 7665' , pumped 1500 gals 15% NEFE acid, dropped 17 ball sealers Broke @ 1601psi, ISIP 1932psi, 5min-1795psi, 10min-1762psi, 15min-1740psi. RD PetroPlex , RU swab tools, opened well and well flowed back approx 10 bbls, made 2 swab runs and recoved 12 bbls (recovery load is 84 bbls = 50 bbls over to test oil cut- need 112 bbls to recover. SION , drove crew home . Daily=20,317. CUM=53,155. CMIC=OSCAR RODRIGUEZ, NDP= Swab to recover injected load
Rig Crew Travel Time		Drove crew to loc
Safety Meeting		,Held safety meeting ,
Casing - Check Pressure		Check pressure on well, 0-csg,
Tubing - Check Pressure		0- psi on tbg
Wellhead - Maintenance		Sweco came out to change cs valves on B section due to 1 side is locked closed and the other side is locked half way open, they could not remove the companion flange, studs were built up with rust /dirt/ect. Secured old valves back on and installed heavy nipples w/ 5000k valves
Tubing - Run		PU 13 jnts 2.875 YB, PKR swinging at 7728
Circulate - Fresh Water		circulated well with 80 bbls FW, to have balance acid spot.
Equipment - Load/Unload		MIRU PetroPlex Acid
Acidize - Spot		spot 500 gals across perfs at 7703-7714'
Tubing - Pull		LD 2 jnts
Packer - Set		set ASX1 treating pkr @ 7665'
Acidize - Ball Job		pumped 1500 gals 15% NEFE aAcid, dropped 17 ball sealers Broke @ 1601psi, ISIP 1932psi, 5min-1795psi, 10min-1762psi, 15min-1740psi.
Equipment - Load/Unload		RD PetroPlex
Equipment - Load/Unload		RU swab tools
Well Control - Bleed Well Down		opened well and well flowed back approx 10 bbls
Casing - Swab		made 2 swab runs and recoved 12 bbls (recovery load is 84 bbls = 50 bbls over to test oil cut- need 112 bbls to recover.

Shut-in Overnight		SION ,
Rig Crew Travel Time		drove crew home
Total Cost for 01/02/2014		
01/03/2014		
Job Cost Detail Report		
Daily Summary		FRIDAY, 1-3-14,OSCAR RODRIGUEZ, KEY 126, BK31-S5/ATOKA, Drove crew to location, Check pressure on well, 0-csg, 360- psi on tbg, Opened well to pit to bleed off, RU swab tools, made 5 swab runs IFL @ 1600' FFL@ 6800', recovered 25 bbls samples showed 50% oil cut. Had to shut in well a few times to help build up fluid level/pressure. SION, Drove crew home, Daily=8,540.CUM=61,695. CMIC=OSCAR RODRIGUEZ, NDP=Continue swabbing to recover injn load
Rig Crew Travel Time		Drove crew to loc
Safety Meeting		,Held safety meeting ,
Casing - Check Pressure		Check pressure on well, 0-csg,
Tubing - Check Pressure		360- psi on tbg
Well Control - Bleed Well Down		Opened well to pit to bleed off, recovered 5 bbls with samples showing 20%oil
Tubing - Swab		RU swab tools, made 5 swab runs IFL @ 1600' FFL@ 6800', recovered 25 bbls samples showed 50% oil cut. Had to shut in well a few times to help build up fluid level/pressure.
Shut-in Overnight		SION ,
Rig Crew Travel Time		drove crew home
Total Cost for 01/03/2014		
01/04/2014		
Job Cost Detail Report		
Daily Summary		SATURDAY, 1-4-14,OSCAR RODRIGUEZ, KEY 126, BK31-S5/ATOKA, Drove crew to location, Check pressure on well, 0-csg, 360- psi on tbg, Opened well to pit to bleed off, IFL@ 4900' , made swab run recovered approx 5 bbls 75% oil cut, Shut in for 2 hrs, RIH w/ swab tools FL@ 5500', Made swab run and recovered 5 bbls 95% oil cut, Shut in for 1 hr, RIH w/ swab tools, Tag FL@ 6000',made swab run and did not pull fluid, dried well up, SION, Drove crew home, Daily=8,650. CUM= 70,345 .CMIC=OSCAR RODRIGUEZ, NDP= REGROUP W/ TEAM
Rig Crew Travel Time		Drove crew to loc
Safety Meeting		,Held safety meeting ,
Casing - Check Pressure		Check pressure on well, 0-csg,
Tubing - Check Pressure		0- psi on tbg
Well Control - Bleed Well Down		Opened well to pit to bleed off, recovered 5 bbls with samples showing 20%oil
Tubing - Swab		RU swab tools, made 5 swab runs IFL @ 1600' FFL@ 6800', recovered 25 bbls samples showed 50% oil cut. Had to shut in well a few times to help build up fluid level/pressure.
Shut-in Overnight		SION ,
Rig Crew Travel Time		drove crew home
Total Cost for 01/04/2014		
01/06/2014		

Job Cost Detail Report		
Daily Summary		<p>MONDAY, 1-6-14, OSCAR RODRIGUEZ, KEY 126, BK31-S5/ATOKA, Drove crew to location, Check pressure on well, 0-csg, 240- psi on tbg, Opened well to pit to bleed off, RU swab tools, RIH w/ swab tools, IFL@ 4300' , made swab run recovered approx 3 bbls 955% oil cut, made 2nd swab run, FL@ 5500' recovered 2 bbls 95%oil cut, Shut in for 1 hr, made call to engineer, team decided to RD PU so they can come up with a stimulation plan, unlatched off on/off tool, went to circulate pkr fluid but reverse pump batteries died and would not charge up, cold called Nabors for a pump truck, wait on pump truck for 1 hr, MIRU pump truck, circulated 110 bbls PKR fluid/2%KCL. latched onto pkr, ND BOP, NU WH with 2.875 master gate valve, SION, Drove crew home, Daily= 15,875. CUM= 86,220. CMIC=OSCAR RODRIGUEZ, NDP= RDPU</p>
Rig Crew Travel Time		Drove crew to loc
Safety Meeting		,Held safety meeting ,
Casing - Check Pressure		Check pressure on well, 0-csg,
Tubing - Check Pressure		240- psi on tbg
Well Control - Bleed Well Down		Bled down pressure seen alittle gas bubble
Tubing - Swab		, RIH w/ swab tools, IFL@ 4300' , made swab run recovered approx 3 bbls 955% oil cut, made 2nd swab run, FL@ 5500' recovered 2 bbls 95%oil cut, Shut in for 1 hr, made call to engineer, team decided to RD PU so they can come up with a stimulation plan
Packer - Sting Out		unlatched off on/off tool
Waiting on Service Provider		went to circulate pkr fluid but reverse pump batteries died and would not charge up, cold called Nabors for a pump truck, wait on pump truck for 1 hr
Equipment - Load/Unload		, MIRU pump truck
Circulate - Packer Fluid		circulated 110 bbls PKR fluid/2%KCL
Packer - Sting Out		latched onto pkr
BOPE - Nipple Down		ND BOP
Wellhead - Nipple Up		NU WH with 2.875 master gate valve
Shut-in Overnight		SION ,
Rig Crew Travel Time		drove crew home
Total Cost for 01/06/2014		
01/07/2014		
Job Cost Detail Report		
Daily Summary		<p>TUESDAY, 1-7-14, OSCAR RODRIGUEZ, KEY 126, BK31-S5/ATOKA, Drove crew to loc ,Held safety meeting , RDPU RD Auxillary equip, cleaned location , Drove PU to North Cross 34, regulatory failure. Daily= 6,725. CUM=92,945. CMIC=OSCAR RODRIGUEZ, (N/P ASX1 @ 7600' w/ 238 2.875 jnts, 6',8' and 10' 2.875 subs. 10k B1- Adapter flane with 2.875 gate valve)</p>
Rig Crew Travel Time		Drove crew to loc
Safety Meeting		,Held safety meeting ,
Pulling Unit - Rig Down		RDPU
Equipment - Load/Unload		RD Auxillary equip,
Site Work		cleaned location
Pulling Unit - Move/Camp		Drove PU to North Cross 34, regulatory failure

Total Cost for 01/07/2014			
Total Cost for BK31-S5			