



Daily Completion & Workover - No Costs

Well Name: GRENNEMYER WAGNER 21-34

Report # 1.0, Report Date: 04/06/2011

API # 05123210220000	Well Type Gas	Operating Region Western Ops	Division DJ Basin	Area DJ Basin	Pad	County/Parish WELD	State CO	Field Name Wattenberg
Operator Encana Oil & Gas (USA), Inc.	Well Status Single Zone Producer	Orig KB El... 5,045.93	Gr Elev (ft) 5,045.93	KB-Grd (ft) 0.00	Total Depth (All) (ftKB)	Total Depth (TVD) (ftKB)	PBTD (All) (ftKB)	Original Hole - Initial

Wellbores (bottomhole)

Original Hole - Initial Migration

Design	Total Depth of Wellbore (ftKB)
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Plug Back Total Depths

Depth (ftKB)	Date
8,340.0	04/07/2011

Open Hole Wellbore Section

Section Des	Hole Size (in)	Act Top (ftKB)	Act Btm (ftKB)

Casing Set Depth

Csg Des	Max OD (in)	Min ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)

Jobs

Job Category Production	Primary Job Type Expense Workover	Secondary Job Type WOE	Start Date 04/06/2011	End Date 04/07/2011	AFE Number 763274WOE
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Objective
GRENNEMYER WAGNER 21-34 WOE TBG LEAK

Safety Incidents

Time	IMS Plus Incident #	Type

Safety Checks

Time	Des	Type	Com

Active Rig(s)

Contractor	Rig #	Rig Type	Rig On	RR Date

Daily Operations

Weather	Wind	Tubing Pressure (psi)	Casing Pressure (psi)	Bradenhead Pressure...	Max H2S (ppm)	Rig Time (hr)	Cum Rig Time (hr)
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Days Since Last Lost Time Incident (days)	Days Since Last Reportable Incident (days)	Days Since Last Recordable Incident	Days Since Last First Aid Incident
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24 Hr Summary

AM Ops

Ops Forecast
RE-PLACE TBG. / BAIL

Remarks
Remarks=MIRU ENSIGN R-301 W/ EQUIP. ETC.
CHECK PRESSURES, FTP-130 / FCP-130. CONTROL WELL W/ 20 BBLS. OF 2% KCL.
TAG FILL 30' IN @ 8225' (3' ABOVE "J-SAND") , LAY DOWN TAG JTS.
POOH,LAY DOWN TBG. , SENT 258 JTS. (8168') TO RMI FOR INSPECTION.
TALLY,PU,RIH W/ "NEW" PROD. TBG. , HYDRO-STATIC BAILER.
RAN 150 JTS.
SWIFN;LastSRInsp=4/6/2011 12:00:00 AM;DailyPlgBckDepth=8340.0000126768;LastSftyMTG=4/6/2011 12:00:00 AM

Daily Contacts

Job Contact Brad Boehm	Position Rig Supervisor	Phone Office	Phone Mobile 970-396-5279	Carry forward?
Job Contact Joe Kauffmann	Position Superintendent	Phone Office	Phone Mobile	Carry forward?

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Activity	Short Code	Com	Trouble Code
10:00	11:00	1.00	1.00	MOVE IN/MOVE OUT	01 MI/MOVE OUT	MOVE RIG & EQUIP. TO LOCATION. SAFETY / JSA MEETING. CAT. 2 INSPECTION. INSPECT TANK , BIRD MITIGATION IN PLACE. NO DEAD BIRDS WERE FOUND. CHECK PRESSURES, FTP-130 / FCP-130.	



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Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Activity	Short Code	Com	Trouble Code
11:00	11:45	0.75	1.75	RIG UP/RIG DOWN	21 RIG UP/RIG DOWN	SPOT IN , RIG UP 301. SPOT IN TBG. TRAILERS.	
11:45	12:30	0.75	2.50	OTHE R	16 OTHER	BLEW WELL DOWN TO RIG TANK, CONTROL WELL W/ 20 BBLs. OF 2% KCL. ND 3M WELLHEAD , NU BOP. TEST BOP TO 2000 PSI (TEST GOOD). PU TBG.,TAG FILL 30' IN @ 8225' (3' ABOVE "J-SAND") , LAY DOWN TAG JTS.	
12:30	17:15	4.75	7.25	TRIPPING	08 TRIPPING	POOH , LAY DOWN TBG. , SENT 258 JTS. (8168') TO RMI FOR INSPECTION. TALLY,PU,RIH W/ "NEW" REPLACEMENT TBG. , HYDRO-STATIC BAILER. RAN 150 JTS.	
17:15	17:30	0.25	7.50	SHUT-IN	15 SHUT-IN	SWIFN	

Well Fluids

Fluid Type	Zone	Vol to Well (bbl)	From (bbl)	Non-recov (bbl)	Note

Lease Fluids

Fluid Type	Fluid Source	Vol to Lease (bbl)	Dest	Vol from Lease (bbl)

Report Fluids Summary

Fluid	Cum to Lease (bbl)	Cum fm lease (bbl)	Cum to Well (bbl)	Cum from Well (bbl)	Left to recover (bbl)	Cum Non-recov (bbl)	Lease Bal (bbl)

Logs

Time	Type	Top (ftKB)	Btm (ftKB)	Cased?

Perfs

Stage #	Date	Zone	Top Depth (ftKB)	Bottom Depth (ftKB)	Shot Dens (shot)	Current Status

Stimulations & Treatments

Stage Number <usertxt1> , <typ>

Time	Zone	Type	Stim/Treat Company
Min Top Depth (ftKB)	Max Btm Depth (ftKB)	Total Clean Volume Pumped (bbl)	Total Volume Recovered (bbl)
Total Add Amount			

Comment

Tubing Strings

Tubing Description	Tubing Set Time	Set Depth (ftKB)	String Max Nomi...	ID (in)	Weight/Length (lb/ft)	String Grade

Rod Strings

Rod Des	Run Time	Set Depth (ftKB)	OD (in)	Wt (lb/ft)	String Grade

Other In Hole

Des	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)

Cement

Des	String	Start Date	Cement Comp

Swabs

Time	Zone	Total Vol (bbl)	Total BSW (bbl)	Total Oil (bbl)



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Operator Encana Oil & Gas (USA), Inc.	Well Status Single Zone Producer	Orig KB El... 5,045.93	Gr Elev (ft) 5,045.93	KB-Grd (ft) 0.00	Total Depth (All) (ftKB)	Total Depth (TVD) (ftKB)	PBTD (All) (ftKB)	Original Hole - Initial

Well Tests

Date	Type	SubTyp	Zone	Vol Oil Tot (bbl)	Vol Cond Tot (bbl)	Vol Water Tot (bbl)	Vol Gas Tot (MCF)

Pressure Survey Tests

Time	Type	SubTyp	Zone	P Res MPP (psi)

Pressure Tests

Time	Typ	Test Fid Typ

Vent and Flare Volumes

Zone	Activity Type	Comment

Gas Volume

Prod Typ	Vol (MCF)	Vol Method	Thermal Quality (BTU)

Personnel Log

Type	Company	Head count



Daily Completion & Workover - No Costs

Well Name: GRENNYER WAGNER 21-34

Report # 2.0, Report Date: 04/07/2011

API # 05123210220000	Well Type Gas	Operating Region Western Ops	Division DJ Basin	Area DJ Basin	Pad	County/Parish WELD	State CO	Field Name Wattenberg
Operator Encana Oil & Gas (USA), Inc.	Well Status Single Zone Producer	Orig KB El... 5,045.93	Gr Elev (ft) 5,045.93	KB-Grd (ft) 0.00	Total Depth (All) (ftKB)	Total Depth (TVD) (ftKB)	PBTD (All) (ftKB)	Original Hole - Initial

Wellbores (bottomhole)

Original Hole - Initial Migration

Design	Total Depth of Wellbore (ftKB)
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Plug Back Total Depths

Depth (ftKB)	Date
8,340.0	04/07/2011

Open Hole Wellbore Section

Section Des	Hole Size (in)	Act Top (ftKB)	Act Btm (ftKB)

Casing Set Depth

Csg Des	Max OD (in)	Min ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)

Jobs

Job Category Production	Primary Job Type Expense Workover	Secondary Job Type WOE	Start Date 04/06/2011	End Date 04/07/2011	AFE Number 763274WOE
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Objective
GRENNYER WAGNER 21-34 WOE TBG LEAK

Safety Incidents

Time	IMS Plus Incident #	Type

Safety Checks

Time	Des	Type	Com

Active Rig(s)

Contractor	Rig #	Rig Type	Rig On	RR Date

Daily Operations

Weather	Wind	Tubing Pressure (psi)	Casing Pressure (psi)	Bradenhead Pressure...	Max H2S (ppm)	Rig Time (hr)	Cum Rig Time (hr)
Days Since Last Lost Time Incident (days)	Days Since Last Reportable Incident (days)	Days Since Last Recordable Incident	Days Since Last First Aid Incident				

24 Hr Summary

AM Ops

Ops Forecast
TWOTP

Remarks
Remarks=CHECK PRESSURES. SITP-40 / SICP-40.
FINISH RIH W/ TBG., BAILER.
BAILED 115' TO 8340' (PBTD - 78' BELOW "J-SAND")
TOH W/ TBG., BAILER.
TIH W/ TBG., SN, NC.
LAND FOR PROD. @ 8207' KB (21' ABOVE "J-SAND")
BROACH TBG. TO S.N. - SWI
RDMO R-301; LastSRInsp=4/6/2011 12:00:00 AM; DailyPlgBckDepth=8340.0000126768; LastSftyMTG=4/7/2011 12:00:00 AM

Daily Contacts

Job Contact Brad Boehm	Position Rig Supervisor	Phone Office	Phone Mobile 970-396-5279	Carry forward?
Job Contact Joe Kauffmann	Position Superintendent	Phone Office	Phone Mobile	Carry forward?

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Activity	Short Code	Com	Trouble Code
07:30	08:15	0.75	0.75	OTHE R	16 OTHER	SAFETY / JSA MEETING. INSPECT TANK, BIRD MITIGATION IN PLACE. NO DEAD BIRDS WERE FOUND. CHECK PRESSURES, SITP-40, SICP-40. BLEW WELL DOWN TO RIG TANK.	



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Operator Encana Oil & Gas (USA), Inc.	Well Status Single Zone Producer	Orig KB El... 5,045.93	Gr Elev (ft) 5,045.93	KB-Grd (ft) 0.00	Total Depth (All) (ftKB)	Total Depth (TVD) (ftKB)	PBTD (All) (ftKB)	Original Hole - Initial

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Activity	Short Code	Com	Trouble Code
08:15	15:30	7.25	8.00	TRIPPI NG	08 TRIPPING	FINISH PU , RIH W/ TBG.,BAILER. BAIL 115' TO PBTD @ 8340' (78' BELOW "J-SAND"). LAY DOWN TAG JTS. , TOH W/ TBG.,BAILER. TIH W/ TBG.,SN,NC. LAND FOR PROD. @ 8207' KB (21' ABOVE "J-SAND") W/ 1-6' , 1-10' , 249 JTS. (NEW) 2.375" J-55 4.7# 8RD EUE PROD. TBG. SEAT NIPPLE (1.78" I.D.) NOTCHED COUPLING.	
15:30	16:30	1.00	9.00	OTHE R	16 OTHER	ND BOP , NU 3M WELLHEAD. REPLACED MASTER VALVE , SN, "O"-RINGS. RU TBG. SWAB , BROACH TBG. TO S.N. - SWI	
16:30	17:00	0.50	9.50	RIG UP/RI G DOWN	21 RIG UP/RIG DOWN	RDMO R-301	

Well Fluids

Fluid Type	Zone	Vol to Well (bbl)	From (bbl)	Non-recov (bbl)	Note

Lease Fluids

Fluid Type	Fluid Source	Vol to Lease (bbl)	Dest	Vol from Lease (bbl)

Report Fluids Summary

Fluid	Cum to Lease (bbl)	Cum fm lease (bbl)	Cum to Well (bbl)	Cum from Well (bbl)	Left to recover (bbl)	Cum Non-recov (bbl)	Lease Bal (bbl)

Logs

Time	Type	Top (ftKB)	Btm (ftKB)	Cased?

Perfs

Stage #	Date	Zone	Top Depth (ftKB)	Bottom Depth (ftKB)	Shot Dens (shot)	Current Status

Stimulations & Treatments

Stage Number <usertxt1> , <typ>

Time	Zone	Type	Stim/Treat Company
Min Top Depth (ftKB)	Max Btm Depth (ftKB)	Total Clean Volume Pumped (bbl)	Total Volume Recovered (bbl)
Total Add Amount			

Comment

Tubing Strings

Tubing Description	Tubing Set Time	Set Depth (ftKB)	String Max Nomi...	ID (in)	Weight/Length (lb/ft)	String Grade
Tubing from Migration	00:00	8,207.0	2 3/8	1.995		

Rod Strings

Rod Des	Run Time	Set Depth (ftKB)	OD (in)	Wt (lb/ft)	String Grade

Other In Hole

Des	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)

Cement

Des	String	Start Date	Cement Comp

Swabs

Time	Zone	Total Vol (bbl)	Total BSW (bbl)	Total Oil (bbl)



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Well Tests

Date	Type	SubTyp	Zone	Vol Oil Tot (bbl)	Vol Cond Tot (bbl)	Vol Water Tot (bbl)	Vol Gas Tot (MCF)

Pressure Survey Tests

Time	Type	SubTyp	Zone	P Res MPP (psi)

Pressure Tests

Time	Typ	Test Fid Typ

Vent and Flare Volumes

Zone	Activity Type	Comment

Gas Volume

Prod Typ	Vol (MCF)	Vol Method	Thermal Quality (BTU)

Personnel Log

Type	Company	Head count



Daily Completion & Workover - No Costs

Well Name: GRENNEMYER WAGNER 21-34

Report # 1.0, Report Date: 02/14/2014

API # 05123210220000	Well Type Gas	Operating Region Western Ops	Division DJ Basin	Area DJ Basin	Pad	County/Parish WELD	State CO	Field Name Wattenberg
Operator Encana Oil & Gas (USA), Inc.	Well Status Single Zone Producer	Ong KB EL... 5,045.93	Gr Elev (ft) 5,045.93	KB-Grd (ft) 0.00	Total Depth (All) (ftKB)	Total Depth (TVD) (ftKB)	PBTD (All) (ftKB)	Original Hole - Initial

Wellbores (bottomhole)

Original Hole - Initial Migration

Design	Total Depth of Wellbore (ftKB)
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Plug Back Total Depths

Depth (ftKB)	Date
8,340.0	04/07/2011

Open Hole Wellbore Section

Section Des	Hole Size (in)	Act Top (ftKB)	Act Btm (ftKB)

Casing Set Depth

Csg Des	Max OD (in)	Min ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)

Jobs

Job Category Production	Primary Job Type Lease Operating Expense	Secondary Job Type LOE	Start Date 02/10/2014	End Date	AFE Number 763274LOE0214-01
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Objective
LOE activity

Safety Incidents

Time	IMS Plus Incident #	Type

Safety Checks

Time	Des	Type	Com

Active Rig(s)

Contractor	Rig #	Rig Type	Rig On	RR Date

Daily Operations

Weather	Wind	Tubing Pressure (psi)	Casing Pressure (psi)	Bradenhead Pressure..	Max H2S (ppm)	Rig Time (hr)	Cum Rig Time (hr)
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Days Since Last Lost Time Incident (days)	Days Since Last Reportable Incident (days)	Days Since Last Recordable Incident	Days Since Last First Aid Incident
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24 Hr Summary

HSM Reviewed JSA'S spot in rig and equip spot in beam rigged up rig check press sicip 200 sitp 50 psi killed well pumped 20 dn tbg 30 dn csg change out 3K well head with 5K well head shut well in with encana locks and night caps rigged dn rig and equip

AM Ops

Ops Forecast

Remarks

Daily Contacts

Job Contact Till, Butch	Position	Phone Office	Phone Mobile 361/207-4480	Carry forward? Yes
Job Contact J Robert Trujillo	Position	Phone Office	Phone Mobile 505-609-0668	Carry forward? Yes

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Activity	Short Code	Com	Trouble Code
06:00	14:30	8.50	8.50	Inactiv e	Inactive	inactive	
14:30	16:00	1.50	10.00	Rig Up/Do wn	SRIG	HSM Reviewed JSA'S spot in rig and equip spot in beam rigged up rig	
16:00	17:00	1.00	11.00	Kill Well	WKLL	check press sicip 200 sitp 50 psi killed well pumped 20 dn tbg 30 dn csg	
17:00	18:00	1.00	12.00	Install Wellhe ad	IWHD	change out 3K well head with 5K well head shut well in with encana locks and night caps	



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Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Activity	Short Code	Com	Trouble Code
18:00	19:00	1.00	13.00	Rig Up/Down	SRIG	rigged dn rig and equip shut dn for night	
19:00	06:00	11.00	24.00	Inactive	Inactive	inactive	

Well Fluids

Fluid Type	Zone	Vol to Well (bbl)	From (bbl)	Non-recov (bbl)	Note

Lease Fluids

Fluid Type	Fluid Source	Vol to Lease (bbl)	Dest	Vol from Lease (bbl)

Report Fluids Summary

Fluid	Cum to Lease (bbl)	Cum fm lease (bbl)	Cum to Well (bbl)	Cum from Well (bbl)	Left to recover (bbl)	Cum Non-recov (bbl)	Lease Bal (bbl)

Logs

Time	Type	Top (ftKB)	Btm (ftKB)	Cased?

Perfs

Stage #	Date	Zone	Top Depth (ftKB)	Bottom Depth (ftKB)	Shot Dens (shot)	Current Status

Stimulations & Treatments

Stage Number <usertxt1> , <typ>

Time	Zone	Type	Stim/Treat Company
Min Top Depth (ftKB)	Max Btm Depth (ftKB)	Total Clean Volume Pumped (bbl)	Total Volume Recovered (bbl)
Total Add Amount			

Comment

Tubing Strings

Tubing Description	Tubing Set Time	Set Depth (ftKB)	String Max Nomi...	ID (in)	Weight/Length (lb/ft)	String Grade

Rod Strings

Rod Des	Run Time	Set Depth (ftKB)	OD (in)	Wt (lb/ft)	String Grade

Other In Hole

Des	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)

Cement

Des	String	Start Date	Cement Comp

Swabs

Time	Zone	Total Vol (bbl)	Total BSW (bbl)	Total Oil (bbl)

Well Tests

Date	Type	SubType	Zone	Vol Oil Tot (bbl)	Vol Cond Tot (bbl)	Vol Water Tot (bbl)	Vol Gas Tot (MCF)

Pressure Survey Tests

Time	Type	SubType	Zone	P Res MPP (psi)

Pressure Tests

Time	Typ	Test Fid Typ



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Vent and Flare Volumes

Zone	Activity Type	Comment
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Gas Volume

Prod Typ	Vol (MCF)	Vol Method	Thermal Quality (BTU)
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Personnel Log

Type	Company	Head count
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