

CONFIDENTIAL

WELL COMPLETION FORM

ORIGINAL 1/10/13
Form must be Typed

WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5278

Name: EOG Resources, Inc.

Address 1: 3817 NW Expressway, Suite 500

Address 2: Suite 500

City Oklahoma City State OK Zip: 73112 +

Contact Person: DAWN ROCKEL

Phone (405) 246-3226

CONTRACTOR: License # 34000

Name: KENAI MID-CONTINENT, INC.

Wellsite Geologist: _____

Purchaser: ANADARKO PETROLEUM CORPORATION

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SIOW

Gas ENHR SIGW

CM (Coal Bed Methane) Temp. Abd.

Dry Other _____

(Core, WSW, Expl., Cathodic, etc.)

If Workover/Reentry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date _____ Original Total Depth _____

Deepening Re-perf. Conv.to Enhr Conv.to SWD

Plug Back Plug Back Total Depth _____

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Enhr?) Docket No. _____

<u>9/16/10</u>	<u>9/24/10</u>	<u>11/12/10</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API NO. 15- 189-22754-00-00

Spot Description: _____

E2 - SE - SE Sec. 27 Twp. 33 S. R. 38 East West

660 Feet from North / South Line of Section

330 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

County STEVENS

Lease Name JEAN Well # 27

Field Name WILDCAT

Producing Formation MORROW

Elevation: Ground 3182' Kelley Bushing 3194

Total Depth 6650 Plug Back Total Depth N/A

Amount of Surface Pipe Set and Cemented at 1747 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan AT INJ 1-19-11
(Data must be collected from the Reserve Pit)

Chloride content 4000 ppm Fluid volume 1000 bbls

Dewatering method used EVAPORATION

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

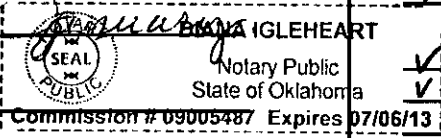
Signature Dawn Rockel

Title SR. OPERATIONS ASSISTANT Date 1/6/2011

Subscribed and sworn to before me this 10th day of January

20 11
Notary Public Wiana Igleheart

Date Commission Expires 7/6/13



KCC Office Use ONLY

Letter of Confidentiality Attached 1/10/11-1/10/13

If Denied, Yes Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

Operator Name EOG RESOURCES, INC.

Lease Name JEAN

Well # 27 #1

Sec. 27 Twp. 33 S.R. 38 East West

County STEVENS

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <i>(Submit Copy)</i> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No List All E.Logs Run: ARRAY RESISTIVITY, MICRO, SD/DS NEUTRON, SD/DS NEUTRON MICRO, CEMENT BOND & BOREHOLE COMPENSATED SONIC ARRAY.	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums <input type="checkbox"/> Sample Name Top Datum SEE ATTACHED
--	---

CASING RECORD <input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
SURFACE	12 1/4	8 5/8	24#	1747'	MIDCON2	300	SEE ATTACHED
					CLASS 'A'	200	
PRODUCTION	7 7/8	4 1/2	10.5#	6646'	ECONOCEM	210	SEE ATTACHED

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
_____ Perforate				
_____ Protect Casing				
_____ Plug Back TD				
_____ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
4	5770' - 5788'		

TUBING RECORD		Size <u>2 3/8</u>	Set At <u>5731</u>	Packer At <u>N/A</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. <u>11/12/10</u>			Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls. <u>20</u>	Gas Mcf <u>6120</u>	Water Bbls. <u>0</u>	Gas-Oil Ratio <u>306,000</u>	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, submit ACO-18.)</i>	METHOD OF COMPLETION <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	Production Interval <u>5770' - 5788'</u>
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ACO-1 Completion Report

Well Name : JEAN 27 #1

FORMATION	TOP	DATUM
CHASE	2574	620
COUNCIL GROVE	2885	309
NEVA	3147	47
WABAUNSEE	3310	-116
BASE OF HEEBNER	4136	-942
LANSING	4251	-1057
MARMATON	4954	-1760
CHEROKEE	5246	-2052
ATOKA	5615	-2421
MORROW	5739	-2545
CHESTER	6207	-3013
ST GENEVIEVE	6305	-3111
ST LOUIS	6431	-3237

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Cementing Job Summary

Fluid Data									
Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Lead Cement	MIDCON-2 CEMENT STANDARD - SBM (15078)	300.0	sacks	11.4	2.96	18.14		18.14
	9 %	CALCIUM CHLORIDE - HI TEST PELLET (100005053)							
	0.1 %	WG-17, 50 LB SK (100003623)							
	0.25 lbm	POLY-E-FLAKE (101216940)							
	18.138 Gal	FRESH WATER							
2	Tail Cement	GMT - STANDARD CEMENT (100003684)	200.0	sacks	15.6	1.2	5.22		5.22
	94 lbm	GMT - STANDARD - CLASS A REG OR TYPE I, BULK (100003684)							
	2 %	CALCIUM CHLORIDE - HI TEST PELLET (100005053)							
	0.25 lbm	POLY-E-FLAKE (101216940)							
	5.218 Gal	FRESH WATER							
3	Displacement		105.00	bbbl	8.33	.0	.0	.0	
Calculated Values		Pressures			Volumes				
Displacement	108.47	Shut In: Instant		Lost Returns	No	Cement Slurry	195	Pad	
Top Of Cement	surface	5 Min		Cement Returns	20	Actual Displacement	107.5	Treatment	
Frac Gradient		15 Min		Spacers	none	Load and Breakdown		Total Job	302.5
Rates									
Circulating	10	Mixing	6.5	Displacement	10	Avg. Job	8		
Cement Left In Pipe	Amount	45.27 ft	Reason	Shoe Joint					
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID		
The Information Stated Herein Is Correct				Customer Representative Signature					

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Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 348223	Ship To #: 2807655	Quote #:	Sales Order #: 7641157
Customer: EOG RESOURCES INC EBUSINESS		Customer Rep: Knox, Mike	
Well Name: Jean	Well #: 27-1	API/UWI #:	
Field:	City (SAP): HUGOTON	County/Parish: Stevens	State: Kansas
Legal Description:			
Lat:		Long:	
Contractor: KENAI		Rig/Platform Name/Num: 55	
Job Purpose: Cement Surface Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: DRAKE, BRANDON		Srv Supervisor: TIRRELL, MICHAEL	MBU ID Emp #: 429195

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	09/17/2010 15:30							firrell, travis, mata(in libera)
Pre-Convoy Safety Meeting	09/17/2010 17:00							firrell, travis in woodward yard
Crew Leave Yard	09/17/2010 17:30							left for location in ks
Arrive At Loc	09/17/2010 20:00							arrived on location and talked to company man about numbers and rig up.
Assessment Of Location Safety Meeting	09/17/2010 20:05							assess rig up location.
Pre-Rig Up Safety Meeting	09/17/2010 20:10							discuss rig up with crew.
Rig-Up Equipment	09/17/2010 21:15							rig up to floor.
Rig-Up Completed	09/17/2010 21:45							done as far as we can
Standby - Other - see comments	09/17/2010 21:46							wait on the rig and casers to run pipe
Pre-Job Safety Meeting	09/18/2010 01:00							cover job process and the safety rules of both EOG and Halliburton.
Other	09/18/2010 01:15							swap lines over to HES pumping lines and prepare for pressure test
Pressure Test	09/18/2010 01:23							tested lines to 3200psi
Pump Lead Cement	09/18/2010 01:28		7	153			260.0	midcon std at 11.4ppg
Pump Tail Cement	09/18/2010 01:51		5	42			230.0	standard + 2%cc at 15.6 ppg
Shutdown	09/18/2010 02:03		0	0			.0	shutdown swap to top valve to drop plug
Drop Plug	09/18/2010 02:07		8	0.5			130.0	plug gone,

Sold To #: 348223 Ship To #: 2807655 Quote #: Sales Order #: 7641157
 SUMMIT Version: 7.20.130 Saturday, September 18, 2010 03:32:00

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Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Displacement	09/18/2010 02:07		10	88			430.0	wash up in first 10 bbls of fresh water displacement and pick up rate to 10 bbls per minute
Shutdown	09/18/2010 02:20		0	0			240.0	shut down 20 bbls early and watch pressure. cement to surface just before shutdown
Pump Displacement	09/18/2010 02:25		1.7	5			320.0	pump 5 bbl stage
Shutdown	09/18/2010 02:28		0	0			260.0	watch pressure trend and for fall back
Pump Displacement	09/18/2010 02:33		1.8	5			355.0	pump 5 bbl stage
Shutdown	09/18/2010 02:36		0	0			275.0	watch pressure trend and for fall back
Pump Displacement	09/18/2010 02:41		1.7	5			390.0	pump 5 bbl stage
Shutdown	09/18/2010 02:44		0	0			275.0	watch pressure trend and for fall back
Pump Displacement	09/18/2010 02:49		1.7	4			440.0	pump final stage
Bump Plug	09/18/2010 02:52		1.7				1100.0	landed one bbl early (filled a little high and sucked tanks a little low on displacement)
Check Floats	09/18/2010 02:54		0	0			.0	floats hold.
Post-Job Safety Meeting (Pre Rig-Down)	09/18/2010 03:00							met with HES crew and discussed rig down.
Rig-Down Equipment	09/18/2010 03:10							crew rig down while Supervisor does this report
Rig-Down Completed	09/18/2010 03:45							finished up around same time
Pre-Convoy Safety Meeting	09/18/2010 03:50							met with crew and discussed travel back to respective yards
Crew Leave Location	09/18/2010 04:00							crew leaves location and Supervisor round trips Mata to get the second bulk truck
Other	09/18/2010 12:40							stab head for rig to circulate

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Sold To #: 348223

Ship To #: 2807655

Quote #:

Sales Order #:

7641157

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Saturday, September 18, 2010 03:32:00

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Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 348223	Ship To #: 2807665	Quote #:	Sales Order #: 7658469
Customer: EOG RESOURCES INC EBUSINESS		Customer Rep: Sessions, Jackie	
Well Name: Jean	Well #: 27 #1	API/UWI #: 15-189-22754	
Field:	City (SAP): WEST UNION	County/Parish: Stevens	State: Kansas
Legal Description: Section 27 Township 33S Range 38W			
Contractor: KENAI		Rig/Platform Name/Num: 55	
Job Purpose: Cement Production Casing			
Well Type: Development Well		Job Type: Cement Production Casing	
Sales Person: DRAKE, BRANDON		Srvc Supervisor: HULSEY, JASON	MBU ID Emp #: 305277

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
CARRILLO, EDUARDO Carrillo	6	371263	DEETZ, DONALD E	6	389855	HULSEY, JASON Alan	6	305277
TORRES, CLEMENTE	6	344233						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10244148	25 mile	10714253C	25 mile	10717476	25 mile	10924982	25 mile
10994449	25 mile	11133699	25 mile				

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
09/24/2010	6	1						

TOTAL Total is the sum of each column separately

Job

Job Times

Formation Name	Formation Depth (MD) Top	Bottom	Called Out	Date	Time	Time Zone
Form Type		BHST	147 degF	24 - Sep - 2010	08:00	CST
Job depth MD	8850. ft	Job Depth TVD	8850. ft	24 - Sep - 2010	12:30	CST
Water Depth		Wk Ht Above Floor	2. ft	24 - Sep - 2010	17:00	CST
Perforation Depth (MD) From		To	2. ft	24 - Sep - 2010	18:30	CST
			Departed Loc	24 - Sep - 2010	19:00	CST

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Production Hole			4.5	7.875	10.5			1700.	6650.		
4 1/2" Production Casing	Unknow n		8.625	4.052	24.				6650.		
Surface Casing	Unknow n		8.625	6.097	24.			1700.			

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth
CTRZR ASSY,TURBO,API,4 1/2 CSG X 7 7/8	27	EA	
CLAMP - LIMIT - 4-1/2 - HINGED -	3	EA	
KIT,HALL WELD-A	1	EA	
PLUG,CMTG,TOP,4 1/2,HWE,3.65 MIN/4.14 MA	1	EA	

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Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug	4.5	1	HES
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container	4.5	1	HES
Stage Tool										Centralizers	4.5	27	HES

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WALLBLURTSIN

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Cementing Job Summary

Miscellaneous Materials												
Gelling Agt		Conc		Surfactant		Conc		Acid Type		Qty	Conc	%
Treatment Fld		Conc		Inhibitor		Conc		Sand Type		Size	Qty	
Fluid Data												
Stage/Plug #: 1												
Fluid #	Stage Type	Fluid Name			Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk	
1	Primary Cement	ECONOCEM (TM) SYSTEM (452992)			210.0	sacks	13.5	1.76	8.52		8.52	
	6 %	CAL-SEAL 60, 50 LB BAG (101217146)										
	10 %	SALT, BULK (100003695)										
	2 lbm	PRESSUR-SEAL LCM, 40 LB (101204356)										
	0.6 %	HALAD(R)-344, 50 LB (100003670)										
	0.5 %	D-AIR 3000 (101007446)										
	0.1 %	WG-17, 50 LB SK (100003623)										
	8.516 Gal	FRESH WATER										
2	Displacement				105.00	bbl	8.33	.0	.0	.0		
3	Rat Hole Plug Cement	PLUGCEM (TM) SYSTEM (452969)			50.0	sacks	13.5	1.76	8.52		8.52	
	6 %	CAL-SEAL 60, 50 LB BAG (101217146)										
	10 %	SALT, BULK (100003695)										
	2 lbm	PRESSUR-SEAL LCM, 40 LB (101204356)										
	0.6 %	HALAD(R)-344, 50 LB (100003670)										
	0.5 %	D-AIR 3000 (101007446)										
	0.1 %	WG-17, 50 LB SK (100003623)										
	8.516 Gal	FRESH WATER										
Calculated Values			Pressures			Volumes						
Displacement	105	Shut In: Instant			Lost Returns	No	Cement Slurry	66	Pad			
Top Of Cement		5 Min			Cement Returns	0	Actual Displacement	105	Treatment			
Frac Gradient		15 Min			Spacers	0	Load and Breakdown		Total Job		186	
Rates												
Circulating		Mixing			Displacement			Avg. Job				
Cement Left in Pipe	Amount	44.85 ft	Reason	Shoe Joint								
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID					
The Information Stated Herein Is Correct					Customer Representative Signature							

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Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 348223	Ship To #: 2807665	Quote #:	Sales Order #: 7658469
Customer: EOG RESOURCES INC EBUSINESS		Customer Rep: Sessions, Jackie	
Well Name: Jean	Well #: 27 #1	API/UWI #: 15-189-22754	
Field:	City (SAP): WEST UNION	County/Parish: Stevens	State: Kansas
Legal Description: Section 27 Township 33S Range 36W			
Lat: N 0 deg. OR N 0 deg. 0 min. 0 secs.		Long: E 0 deg. OR E 0 deg. 0 min. 0 secs.	
Contractor: KENAI	Rig/Platform Name/Num: 55		
Job Purpose: Cement Production Casing		Ticket Amount:	
Well Type: Development Well	Job Type: Cement Production Casing		
Sales Person: DRAKE, BRANDON	Srvc Supervisor: HULSEY, JASON	MBU ID Emp #: 305277	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	09/24/2010 08:00							
Depart Yard Safety Meeting	09/24/2010 11:00							Discuss routes and stops
Arrive At Loc	09/24/2010 12:30							rig was running casing
Assessment Of Location Safety Meeting	09/24/2010 12:35							walk around location point out any hazards
Pre-Rig Up Safety Meeting	09/24/2010 12:40							watch for pinch points, hammering and walking hazards
Rig-Up Completed	09/24/2010 13:00							
Casing on Bottom	09/24/2010 16:00							Circulate for 1 hour
Pre-Job Safety Meeting	09/24/2010 17:00							with all personal on location
Start Job	09/24/2010 17:05							
Pressure Test	09/24/2010 17:07							3000 psi
Pump Cement	09/24/2010 17:11		6	66	66		400.0	210 sks @ 13.5pg
Clean Lines	09/24/2010 17:24							to pit
Drop Plug	09/24/2010 17:30							top plug only
Pump Displacement	09/24/2010 17:31		11	40	106		300.0	Fresh water
Shutdown	09/24/2010 17:37							Head leaking. Tighten cap
Pump Displacement	09/24/2010 17:39		11	20	126		331.0	
Activity Description	Date/Time	Cht	Rate bbl/min	Volume bbl		Pressure psig		Comments

Sold To #: 348223

Ship To #: 2807665

Quote #:

Sales Order #: 7658469

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JAN 10 2011 Cementing Job Log

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		#		Stage	Total	Tubing	Casing	
Shutdown	09/24/2010 17:42							Head leaking... Change out head for swage. Rubber on cap bad.
Pump Displacement	09/24/2010 17:56		11	45	171		700.0	
Bump Plug	09/24/2010 18:00						1600.0	
Check Floats	09/24/2010 18:04							ok
Pump Cement	09/24/2010 18:10			15.67	186.67			Pump rat and mouse hole
End Job	09/24/2010 18:30							
Pre-Rig Down Safety Meeting	09/24/2010 18:35							all hse employees present
Rig-Down Equipment	09/24/2010 18:40							
Depart Location Safety Meeting	09/24/2010 19:00							all hse employees present
Depart Location for Service Center or Other Site	09/24/2010 19:10							

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Sold To #: 348223

Ship To #: 2807665

Quote #:

Sales Order #:

7658469

SUMMIT Version: 7.20.130

Friday, September 24, 2010 06:47:00



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Weatherford® Completion Systems

DRILL STEM TEST REPORT

Prepared For: **EOG Resources**

3817 NW EXPWY STE500
Oklahoma City Ok , 73112

ATTN: Jackie Sessions

27/33s/38w

Jean 27-1

Start Date: 2010.09.21 @ 07:35:13

End Date: 2010.09.21 @ 19:51:28

Job Ticket #: 37392 DST #: 1

ALPINE OIL SERVICES CORPORATION
2460, 240 - 4 Avenue S.W. Calgary, AB. T2P 4H4
ph: 263-7800 fax: 264-7260

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Weatherford[®] Completion Systems

DRILL STEM TEST REPORT

EOG Resources

Jean 27-1

3817 NW EXPWY STE500
Oklahoma City Ok , 73112

27/33s/38w

ATTN: Jackie Sessions

Job Ticket: 37392

DST#: 1

Test Start: 2010.09.21 @ 07:35:13

GENERAL INFORMATION:

Formation: **Morrow**

Deviated: **No Whipstock:** ft (KB)

Time Tool Opened: 11:50:58

Time Test Ended: 19:51:28

Test Type: **Conventional Bottom Hole**

Tester: **Mike Slemp**

Unit No: **53**

Interval: **5713.00 ft (KB) To 5796.00 ft (KB) (TVD)**

Total Depth: **5796.00 ft (KB) (TVD)**

Hole Diameter: **7.78 inches** Hole Condition: **Good**

Reference Elevations: **3192.00 ft (KB)**

3182.00 ft (CF)

KB to GR/CF: **10.00 ft**

Serial #: 8356

Inside

Press@RunDepth: **1530.48 psig @ 5715.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2010.09.21**

End Date:

2010.09.21

Last Calib.: **2010.09.21**

Start Time: **07:35:14**

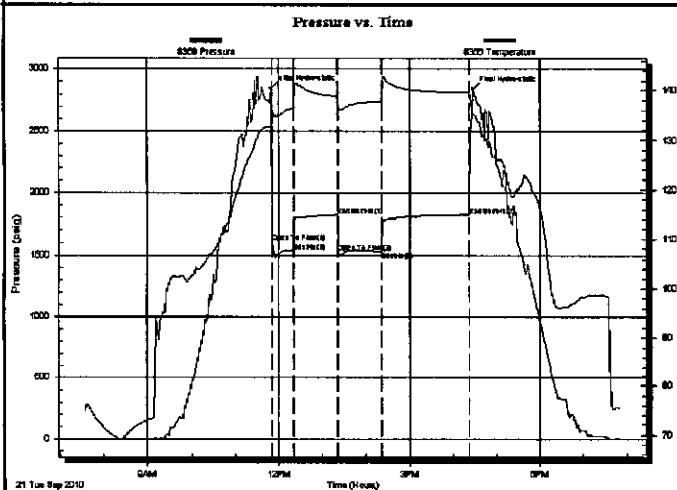
End Time:

19:51:28

Time On Btm: **2010.09.21 @ 11:49:13**

Time Off Btm: **2010.09.21 @ 16:27:28**

TEST COMMENT: IF-BOB in 30 seconds GTS in 2 min
ISI- No blow back
FF- BOB ASAO, GTS ASAO
FSI- No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2842.65	132.83	Initial Hydro-static
2	1604.64	133.46	Open To Flow (1)
32	1529.19	136.54	Shut-In(1)
91	1822.18	138.90	End Shut-In(1)
93	1519.31	136.19	Open To Flow (2)
153	1530.48	137.83	Shut-In(2)
273	1822.25	139.64	End Shut-In(2)
279	2837.87	135.33	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
100.00	100% mud	0.49
2.00	100% condensate	0.01

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	1.00	220.00	6738.72
Last Gas Rate	1.00	250.00	7601.19
Max. Gas Rate	1.00	250.00	7601.19

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DRILL STEM TEST REPORT

EOG Resources

Jean 27-1

3817 NW EXPWY STE500
Oklahoma City Ok , 73112

27/33s/38w

Job Ticket: 37392

DST#: 1

ATTN: Jackie Sessions

Test Start: 2010.09.21 @ 07:35:13

GENERAL INFORMATION:

Formation: **Morrow**

Deviated: **No Whipstock:** ft (KB)

Time Tool Opened: 11:50:58

Time Test Ended: 19:51:28

Test Type: **Conventional Bottom Hole**

Tester: **Mike Slemp**

Unit No: **53**

Interval: **5713.00 ft (KB) To 5796.00 ft (KB) (TVD)**

Total Depth: **5796.00 ft (KB) (TVD)**

Hole Diameter: **7.78 inches** Hole Condition: **Good**

Reference Elevations: **3192.00 ft (KB)**

3182.00 ft (CF)

KB to GR/CF: **10.00 ft**

Serial #: **8678** Inside

Press@RunDepth: psig @ **5715.00 ft (KB)**

Start Date: **2010.09.21**

End Date:

2010.09.21

Capacity: **8000.00 psig**

Last Calib.:

2010.09.21

Start Time: **07:40:28**

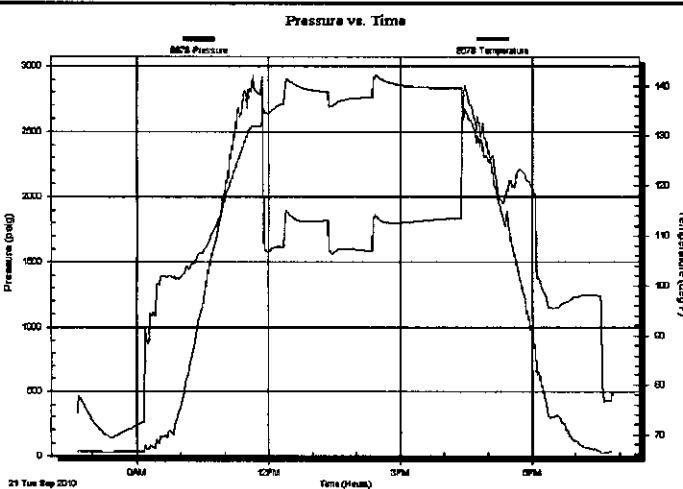
End Time:

19:50:27

Time On Btm:

Time Off Btm:

TEST COMMENT: IF -BOB in 30 seconds GTS in 2 min
ISI -No blow back
FF- BOB ASAO, GTS ASAO
FSI -No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
100.00	100% mud	0.49
2.00	100% condensate	0.01

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	1.00	220.00	6736.72
Last Gas Rate	1.00	250.00	7601.19
Max. Gas Rate	1.00	250.00	7601.19

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DRILL STEM TEST REPORT

TOOL DIAGRAM

EOG Resources
 3817 NW EXPWY STE500
 Oklahoma City Ok , 73112
 ATTN: Jackie Sessions

Jean 27-1
 27/33s/38w
 Job Ticket: 37392 DST#: 1
 Test Start: 2010.09.21 @ 07:35:13

Tool Information

Drill Pipe:	Length: 5324.00 ft	Diameter: 3.80 inches	Volume: 74.68 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 368.00 ft	Diameter: 2.25 inches	Volume: 1.81 bbl	Weight to Pull Loose: 100000.0 lb
			<u>Total Volume: 76.49 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 82000.00 lb
Depth to Top Packer:	5713.00 ft			Final 82000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	83.00 ft			
Tool Length:	112.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			5689.00	
Sampler	3.00			5692.00	
Hydraulic tool	5.00			5697.00	
Jars	5.00			5702.00	
Safety Joint	2.00			5704.00	
Packer	5.00			5709.00	29.00 Bottom Of Top Packer
Packer	4.00			5713.00	
Stubb	1.00			5714.00	
Perforations	1.00			5715.00	
Recorder	0.00	8356	Inside	5715.00	
Recorder	0.00	8678	Inside	5715.00	
Perforations	14.00			5729.00	
Change Over Sub	1.00			5730.00	
Drill Pipe	62.00			5792.00	
Change Over Sub	1.00			5793.00	
Bullnose	3.00			5796.00	83.00 Bottom Packers & Anchor
Total Tool Length:	112.00				



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DRILL STEM TEST REPORT

FLUID SUMMARY

EOG Resources

Jean 27-1

3817 NW EXPWY STE500
Oklahoma City Ok , 73112

27/33s/38w

Job Ticket: 37392

DST#: 1

ATTN: Jackie Sessions

Test Start: 2010.09.21 @ 07:35:13

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 57.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.98 cm ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1900.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
100.00	100% mud	0.492
2.00	100% condensate	0.010

Total Length: 102.00 ft Total Volume: 0.502 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: Sampler- 1800psi , 14cu/ft gas

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DRILL STEM TEST REPORT

GAS RATES

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EOG Resources
3817 NW EXPWY STE500
Oklahoma City Ok , 73112
ATTN: Jackie Sessions

Jean 27-1
27/33s/38w
Job Ticket: 37392 DST#: 1
Test Start: 2010.09.21 @ 07:35:13

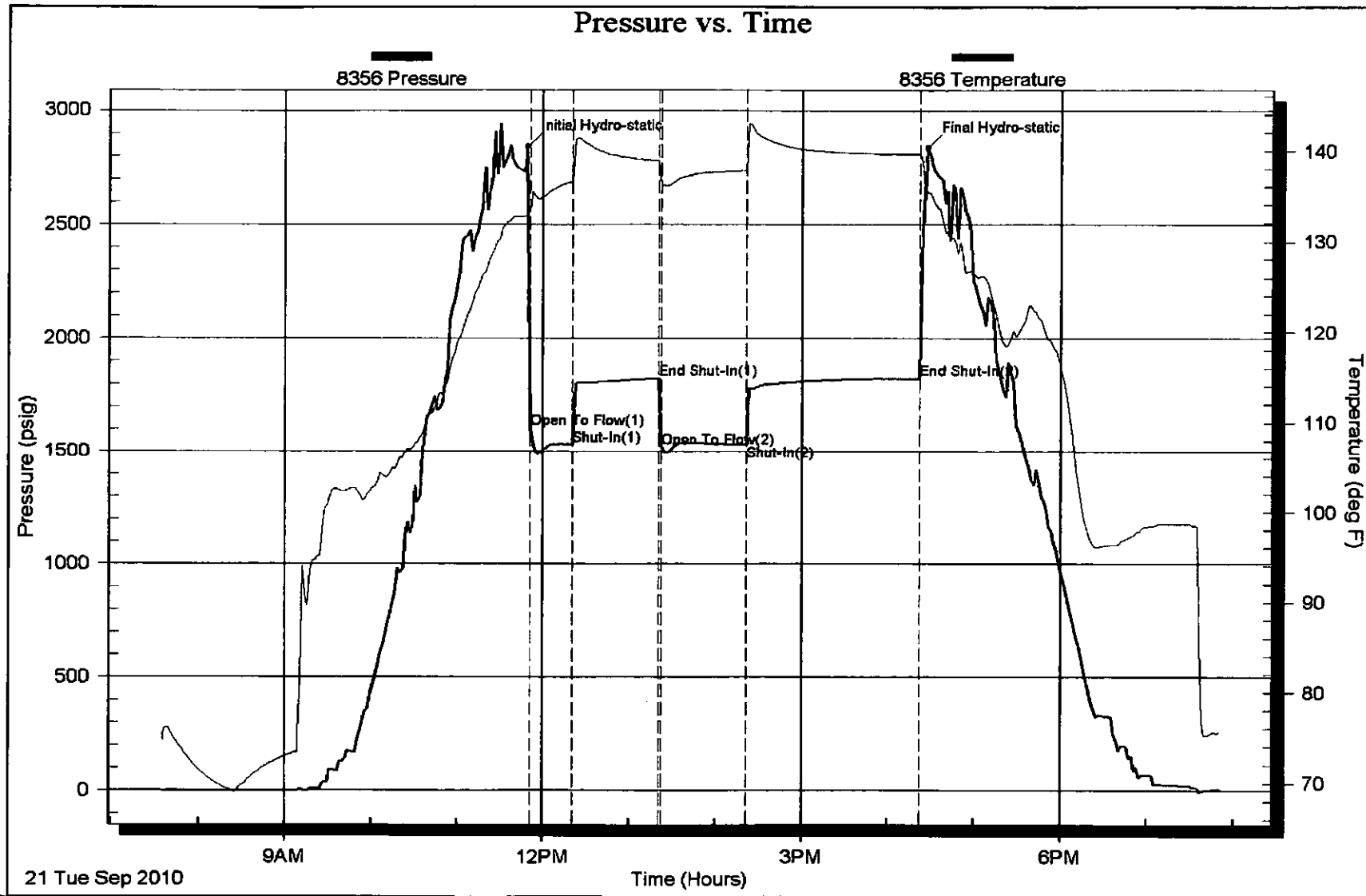
Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

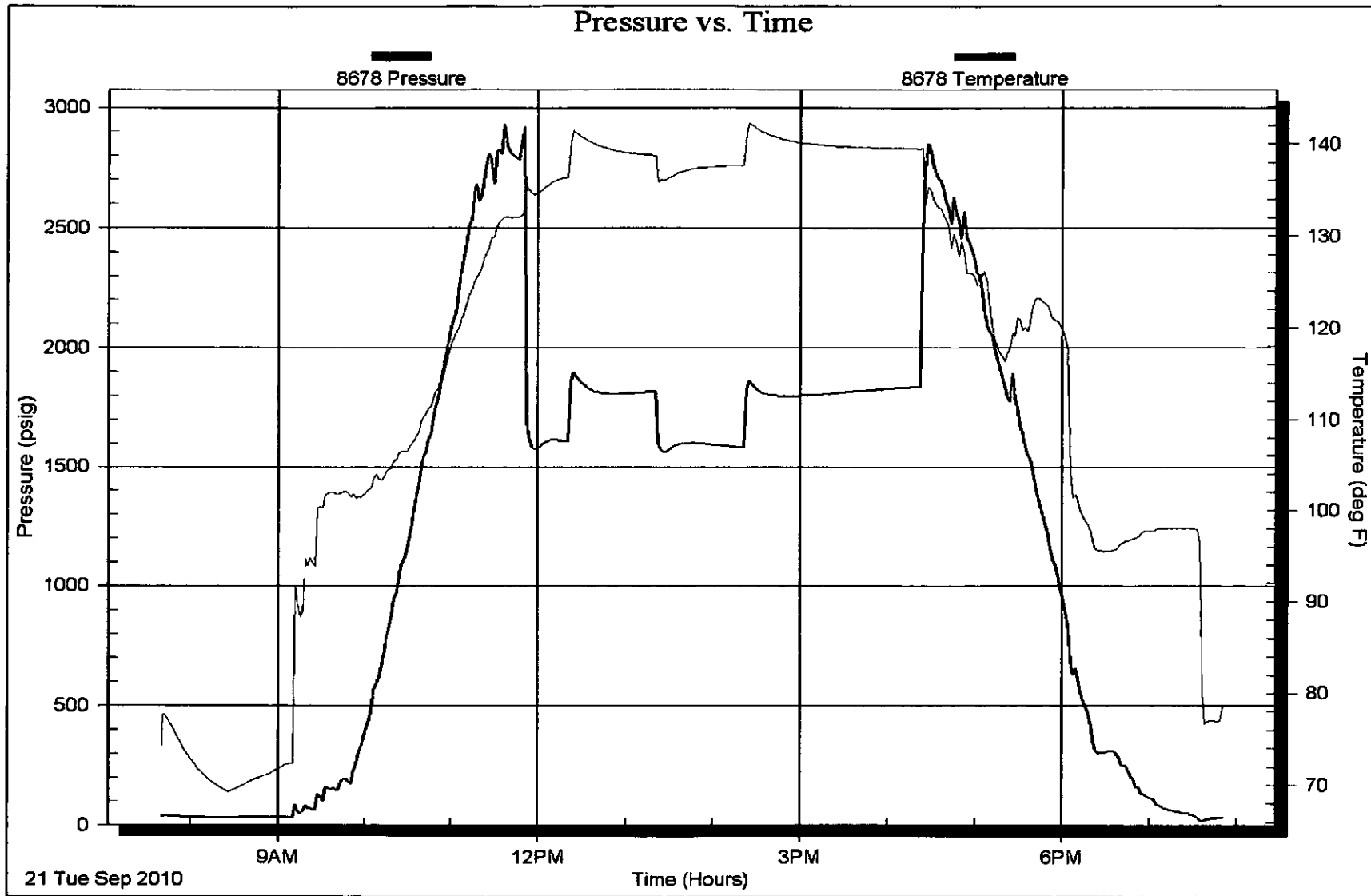
Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
1	10	1.00	220.00	6738.72
1	10	1.00	220.00	6738.72
1	20	1.00	250.00	7601.19
1	30	1.00	250.00	7601.19
2	10	1.00	240.00	7313.70
2	20	1.00	250.00	7601.19
2	30	1.00	250.00	7601.19
2	40	1.00	250.00	7601.19
2	50	1.00	250.00	7601.19

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