

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1070868

Form ACO-1 June 2009 Form Must Be Typed Form must be Signed All blanks must be Filled

# WELL COMPLETION FORM

#### WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from Fast / West Line of Section
Contact Person:	
Phone: ()	
CONTRACTOR: License #	
Name:	
Wellsite Geologist:	
Purchaser:	
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
	Amount of Surface Pipe Set and Cemented at: Feet
Gas D&A ENHR SIGW	Multiple Stage Cementing Collar Used? Yes No
GSW Temp. Abd.	If yes, show depth set: Feet
CM (Coal Bed Methane)	If Alternate II completion, cement circulated from:
Cathodic Other (Core, Expl., etc.):	feet depth to:w/sx cmt.
If Workover/Re-entry: Old Well Info as follows:	
Operator:	Drilling Fluid Management Plan
Well Name:	— (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	Chloride content: ppm Fluid volume: bbls
Deepening Re-perf. Conv. to ENHR Conv. to SW	D Dewatering method used:
Conv. to GSW	
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	QuarterSec TwpS. R East West
ENHR Permit #:	County: Permit #:
GSW Permit #:	1 CHIII. #
Spud Date or Recompletion Date         Date Reached TD         Completion Date or Recompletion Date	-

#### AFFIDAVIT

I am the affiant and I hereby certify that 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.

## Submitted Electronically

KCC Office Use ONLY
Letter of Confidentiality Received
Date:
Confidential Release Date:
Wireline Log Received
Geologist Report Received
UIC Distribution
ALT I II Approved by: Date:

	Side Two	1070868
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	County:	

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional She	eets)	Yes	No		og Formatio	n (Top), Depth an	d Datum	Sample
Samples Sent to Geolog	gical Survey	Yes	No	Nam	e		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted E (If no, Submit Copy)	Electronically	☐ Yes ☐ Yes ☐ Yes	□ No □ No □ No					
List All E. Logs Run:								
		Report all		RECORD No	ew Used ermediate, product	ion, etc.		
Purpose of String	Size Hole Drilled	Size Ca Set (In C	sing	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

#### ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing Plug Back TD				
Plug Off Zone				

Shots Per Foot		PERFORATION Specify Fo		RD - Bridge P Each Interval I		e	ļ		ement Squeeze Record I of Material Used)	Depth
TUBING RECORD:	Siz	ze:	Set At:		Packer	r At:	Liner R	un:	No	
Date of First, Resumed F	Product	ion, SWD or ENH	۶.	Producing N	1ethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
									1	
DISPOSITIO	N OF C	BAS:			METHOD	OF COMPLE	TION:		PRODUCTION INTER	RVAL:
Vented Sold		Jsed on Lease		Open Hole	Perf.	Dually (Submit /		Commingled (Submit ACO-4)		
(If vented, Subi	mit ACC	)-18.)		Other (Specify)						





Bison Oil Well Cementing Inc. 1738 Wynkoop St. Suite 102 Denver, CO 80202 303-296-3010

Date	Invoice #
8/22/2011	10114

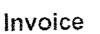
Excell Services, Ll	C				
36629 US HIGHW	AY 385				
Wray, CO 80758					
		• •			· · · · · · · · · · · · · · · · · · ·
Location	Well Name & No.	Job Type		Terms	Rig
Cheyenne, KS	Zwcygardt 41-32B	Surface		Nei 30	<u> </u>
Item	Description	City	U/M	Rate	Amount 0.00 1,490.00
Pump surface	PUMP Charge-surface pipe	· •		1,40	
MILEAGE	Milenge churge	140			4,00 560,00
MILEAGE	Mileage charge Subiotal of Services	70	· .		1.50 105.00 2,065.00
33-Lite Summer Discount 10%	50/50 Poz (3%) Discount 10% Subiotal of Materials	130	Si	ick 1i -10.1	6.50 2,145.00° 00% -214.50 1.030.50
					3,995,50
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			•		
	••••••••••••••••••••••••••••••••••••••				
Please Remit Invoic	es To:		Subt	otal	\$3,995,50
Bison Oil Well Cen P.O. Box 29671 Thornton, CO 8022	•		Sale	s Tax (8.3%)	) \$160.24
			Tot	al	\$4,135,74
			Bala	nce Due	\$4,155.74
		L			X 1107

RECEIVED SEP 0 1 2011

BISON OI	n. W	FIL CI	MENTI	NG, INC.			REL INVOICE	<u>   10   </u>	<u>4</u>
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(mand)	Lienver	Colorado 80 303-290-30	3202					in. c	Ritcher
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W	E-mailt	bisonalited	westoffice.net	TREATM	ENT REPO	ORT			1
(DATE	1		VIEL: NAME		SECTION	TW/	RGE	1000	
9-22-11	Zu	Je.id	=5d+ 4	1-32B 3	2	350th	41W	Cheyen	ine
	A . 11	71	<u> </u>		OWNER	Nobel			
CHARGE TO EX	<u> </u>				OPENATOR	NUCLE	uu		
MAILING ADDRESS			•		CONTRACTO	EtCE	1 rigt	2	
CITY					DISTANCE 70		Dmiles		
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INE AMOVED IN LOG	<u>x.1011</u>		L DATA	19 10-2			PRESSURE	LIMITATIONS	
IOLE SIZE 97/3	3	TUBING SIZE		PERFORMIUNS			THEOF	RETICAL	INSTRUCTED
INTAL DEPTH 28.	5	TUDRUS DEPTH		SHOTS/FT	SURFACE PIPE	ANNULUS LONG			
PBTD 24	0'	TUDING WEIGH	<u> </u>	OPEN HOLE	STRING			Lettersee	<u>;-,</u>
ASBAG SIZE 7		TUBING CONDIT			TUBAAG	,	<u> </u>		
	Ð			TREATMENT VIA	TY	PE OF TREATM	ENT	T <b>R</b>	EATMENT RATE
	165	PACKER DEPTH			IN SURFACE 1	17E	· · · · · · · · · · · · · · · · · · ·	AREARDOWN BPS	l
ASIAG CONDITION 9						IN CASING		INITIAL BPM	
Conce Concernance of		PRESSUR	E SUMMARY		I I SOEEZE CE	Ment		final BPM	
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STRUCTIONS PRIO		= MTR	0 Sete	ty Cir M	FP. 13	OSKS =	+ B3	1:1e 13	2 16/gal
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11/1-DV		2 UL		Pm 130p		19 pm	12.50	۳۹۵	
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·····					مده السب <sup>2</sup> التي وهند مي المداو و رفوارد مسارك بو الو خط و مع				
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Mr. J	Zz			11 1			$d_{2}$	2/11	
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AUTHORIZ	571 FURT (	e moussu			· · · ·			i	da Den colosce unit automotiv

Eustements hereby acknowledges and specifically agrees to the terms and conditions on this work order, including, without limitation, the provisions on the reverse ade hered which include the release and intermety.

at a second s



from



Bison Oil Well Cementing Inc. 1738 Wynkoop St. Suite 102 Denver, CO 80202 303-296-3010

Date	Invoice#
8/23/2011	10110

Exect1 Services, Ll 36629 US HIGHW Wray, CO 80758	AY 385				
		Јор Туре		Тегть	Rig
Location	Well Name & No.			Net 30	
Cheyenne, KS	Zweygardt 41-32B	Production			Amount
ltem	Description	Qty	U/M	Raie 2,000.0	
Pump Charge	Pump Charge - Production Pipe	Ĵ		· .	
MILEAGE	Mileage charge	140		4.0	
MILEAGE	Mileage charge	70		1.5	
Data Acquisitio	Data Acquisition Charge	· _ 1		225.0	0 225.0 2,890.0
N-Gel-12 Discount 10%	Lead 121b Discount 10%		Sack	16,5 -10.009	-89.
BG-Line Discoum 10%	Tuit 13.8 fb/gal 50/50 Poz Discount 10%	46	Sack	16.5 -10.009	s, -75. <sup>1</sup>
KCL	KCL Displacement Subtotal of Materials	2		25,0	1,535.
			-		4.425.
			• .	-	
Please Remit Invoi	res To:		Subtot	al	\$4,425.
Bison Oil Well Cer P.O. Box 29671			Sales ]	Fax (8.3%)	\$127.
Thomton, CO 802.	<u>وا</u>		Total		\$4,552.

RECEIVED SEP 0 1 2011 Balance Due

(10% X \$ 5,007.65

\$4,552.41

5313371: T	н. М	ELL C	EMENTI	ng, Inc.	I	ref. invoice #_ <u>/c/</u>	10
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SITT	Denvel	, Coloredo S , 303-295-30	( <b>)</b> 20):			Perdu	Weaver
HF	fax 30	03-296-8143			ł	OREMAN KGACY	
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MAILING ADDRESS					CUNTERCETOR Fry	1002	
CITY						On_	
STATE JP CODE	ST A T3/16	11:00 B	in i	D 17 Dan		100	
TIME ARRIVED DN 1.0	1.48112185					PRESSURE LIMITATIONS	-
107	1	TUBING SCH		PERFORATIONS		THEORETICAL	INSTRUCTED
HOLE SIZE CP/	7 77	TUBING DEPT		SHOTS/FI	SURFACE PIPE ANNIALUS LONG		• 
TOTAL DEPTH / 6*	1	TUBING WEIGH	·	OPEN HOLE	STRIM5		
	,	TUBING CONDI		1 SPA Sad T I Danisan.	TUGRAG		
CASING SIZE 477	di.	125	PTST/ 15 8	TREATMENT VIA	TYPE OF TREATME	INT T	REATMENT RATE
CASENG DEPTH	not l	PACKER DEPTH	· <u>····································</u>		I I SURFACE PIPE	BREAKDOWN BI	M
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CASINE CONDITION	204	PRESSUR	RE SUMMARY	······································	] SDEEZE CEMENT	FINAL BIPM	
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ISTRUCTIONS PAR		and the second second	11 - 17	the set to be the			- X 3 3 X & 1 3 4
STRUCTIONS PAR Wonter (P.	i de	12.0	<u>4 gal/s</u>	Kry bbk	Mix Water fo	<u>000 2000</u>	Ich 7Ki
STAUCTIONS PAR Winter (P. 165 LS	G DE	· 12.0 · 73.6-7	4 <u>gal</u> /s 1.2e_@	13.814gal	Water Reg M	10-28 gat	15/ 75K
STRUCTIONS PAR Worth (P. 165 ES 1 Miny Wate	4 00 02 02	12.0 BC- V: eld	4 ca//s 1,2e @ d = 4,3	13.814gal 3 un Alsk	Water Reg Me Diof plus Disfl	4 cc w/25.1	15/ 75/ 15/ 75/
STRUCTIONS PAR Wenter (P. 165 ES! Nig Wate Lafy la	A DE DE DE T	P.O BC- Verld	4 gal/s 1,2e 6 0 ~ 1.3 13g dow	K 17 15/5 13.8/12/gal 13.00 12/12/12 10 25%	Mix Water Jeg H Water Reg H Diof plus Diofh eccos	10-28 gal	15 6 7 55. 15 6 7 55. 15 5 2% KC
Winter (2) 165 ts 1 hig white hat la	GZ GZ M	BC- BC- Vield	4 calls 1.2 6 d 1.3 Redou Pla	K 17 bbs 13.814gal 3.00 Afst m 25%	Mix Water JC Water Reg M Dief plus Disfle excess	- 11-28 gall acc w/25.1	56 756. 58 2% KC
Winter (2) 165 ts 1 hig white hat la	GZ GZ M	BC- BC- Vield Slig SML	4 calls time & de lis Agdow Ru	13.812/gal 13.812/gal 13.00 F/s/C 10 25%		- 11-28 gall gcz w/25.1	Drop X12 1:16 fm
Winter (2) 165 ts 1 165 ts 1 hity Wate haty 10 haty 10 SCRIPTION OF JC	GZ GZ M	BC- BC- Vield Slig SML	4 galls 1, 2e 6 1, 2e 6 1, 3 1,	K 17 bbs 13.814gal 13.814gal 13.00 Afste 12.557n 1		· 11-28 gall ace w/25.1 · mtp sm 1:1430.	Drup Hay 1:16 pm
Winter (2) 165 ts 1 hig Wate haty la De SUMMARY SCRIPTION OF JC Drsp/4 (	A DE DE DE EVENT AB EVENT	BC- BC- Vield Slig SML	4 calls 1 c	K 17 bbs 13.814gal 13.814gal 13.814gal 13.814gal 13.814gal 13.814gal 14.557 12.557 1 12.557 1 1 1 1 1 1 1 1 1 1 1 1 1		- 1:142 - 1:142 - mtp - mtp	56 756. 58 2% Kc Drop Jrg 1:16 fm
Winter (2) 165 ts 1 165 ts 1 165 ts 1 165 ts 1 165 ts 1 165 ts 1 Desplay	A DE DE EVENT A M	Stra Blig SMT 11:0	4 calls 1, 2e 6 de 1, 3 Redown RU WAM, La	13.81294 13.81294 13.81294 13.81294 13.81294 1.2557 1.300m		· 11-28 gal 4 ce is/25-1 · mtp Sm 1:1430. h pn.	5x 75h. 5x 75h. 5x 2% Kc Dropply 1:16 fm
Winter (2) 165 ES 1 May Wate Maty 10 Des SUMMARY SCRIPTION OF JC Drsp/40	$\frac{\partial e}{\partial L}$ $\frac{\partial L}{\partial L}$ $\frac{\partial e}{\partial L}$	SMT JI:0 SMT JI:0	4 galls 1, 2e 6 1, 2e 6 1, 3 1, 4 1,	K 17 bbs 13.81495/ 13.81495/ 13.81495/ 12.55pn 1 12:55pn 1 12:55pn 1 12:55pn 1 12:55pn 1 1:30pm		- 11-28 gel 4 ce w/25.1 - mtp 5 m 1:145n. h pn.	Brop Jag 1:16 fm
Winter (2) 165 ts 1 hig Wate haty la De SUMMARY SCRIPTION OF JC Drsp/4 (	$\frac{\partial e}{\partial L}$ $\frac{\partial L}{\partial L}$ $\frac{\partial e}{\partial L}$	Stra Blig SMT 11:0	4 calls 1, 2e Q 1, 2e Q 1, 3 Record Ru 10 Am La	K 17 bbs 13.814gal 13.814gal 13.814gal 13.814gal 1.5% 1.5% 1.3% 1.4% 1.3% 1.5% 1.3% 1.5% 1.3% 1.5% 1.3% 1.5%		- 11-28 get ace w/25-1 - mtp sm 1:143n. M M	56 756. 58 2% KC
Winter (2) 165 ts 1 165 ts 1 hity Wate haty 16 be SUMMARY SCRIPTION OF JC Drsp/4 6	$\frac{\partial e}{\partial L}$ $\frac{\partial L}{\partial L}$ $\frac{\partial e}{\partial L}$	SMT JI:0 SMT JI:0	4 galls 1, 2e 6 1, 2e 6 1, 3 1, 4 1, 3 1, 4 1,	K 17 bbs 13.812/gal 13.812/gal 13.812/gal 13.812/gal 1.2557n 1 1.30pm		- 11-28 gal 4 ce is/25-1 - mtp 5 m 1:1430. h pn:	56 756. 58 2% KC
Winter (2) 165 ES 1 165 ES 1 165 ES 1 104 Unter 105001000 OF 10 105001000 OF 10 105001000 OF 10 105001000 OF 10 105001000 OF 10 105001000 OF 10 1050000 OF 10 10500000 OF 10 10500000 OF 10 105000000 OF 10 1050000000 OF 10 105000000000000000000000000000000000	$\frac{\partial e}{\partial L}$ $\frac{\partial L}{\partial L}$ $\frac{\partial e}{\partial L}$	SMTI Dig SMTI 11:0	4 calls 1, 2e 6 1, 2e 6 1, 3 1, 4 1, 5 1,	K 17 bbs 13.814gal 13.814gal 13.814gal 13.814gal 13.814gal 1.2590 500 12:55pn 1 1.300m 515 / Court	irc 14 155m. 1.09 Sign. 1.09 1.35 1.35	- 128 gell 4 ce w/25.1 - M4 Sm 1:145n. M Pn.	5 6 7 5 6. 5 6 7 5 6. 5 2 7 Kc Drop Jrz 1:10 fm
Winter (2) 165 ES 1 24 2 Winter Mary Unite Mary 16 10 5 Jon 10 10 10 10 10 10 2 10 10 4 20	$\frac{\partial e}{\partial L}$ $\frac{\partial L}{\partial L}$ $\frac{\partial e}{\partial L}$	SMTI Dig SMTI 11:0	4 calls 1, 2e 6 1, 2e 6 1, 2e 6 1, 3 Ra Ra Ka La La	nd )/ 45 1:30pm	irc 14 155m. 1.09 Sign. 1.09 1.35 1.35	- 11-28 get 4 ce is/25-1 - mtf - m	56 755. 56 755. 55 2% KC
Wenter (2) 165 ES 1 165 ES 1 165 ES 1 104 Unter 105 ESCRIPTION OF JC 105 [10] 104 20	$\frac{\partial e}{\partial L}$ $\frac{\partial L}{\partial L}$ $\frac{\partial e}{\partial L}$	SMTI Dig SMTI 11:0	4 galls 1, 2e 6 1, 2e 6 1, 3 Reconstruction Reconstruction 10 Am La 4 b	nd )/ 45 1:30pm	irc 14 155m. 1.09 Sign. 1.09 1.35 1.35	- 11-28 get 4 ce is/25-1 - mtf 5m 1:1430. M pn:	5 ~ 7 5 h. 5 ~ 7 5 h. 5 2% Kc Drop J/13 1:16 pm
Whater (2) 165 ES 1 165 ES 1 144 Water 100 SUMMARY ESCRIPTION OF JC Dryply U 1:181 1:21/0 174 20	$\frac{\partial e}{\partial L}$ $\frac{\partial L}{\partial L}$ $\frac{\partial e}{\partial L}$	SMTI Dig SMTI 11:0	4 calls 1, 2e 6 1, 2e 6 1, 3 Reconstruction Reconstruction La 4 b	nd )/ 45 1:30pm	irc 14 155m. 1.09 Sign. 1.09 1.35 1.35	- 11-28 gal 4 ce w/25-1 - MHP Sm 1:145n. M Pn.	SK 756. SE 2% KC
Wenter (2) 165 ES 1 165 ES 1 104 Wate May Unter 105 SUMMARY ESCRIPTION OF JC 1500 / 10 104 20	$\frac{\partial e}{\partial L}$ $\frac{\partial L}{\partial L}$ $\frac{\partial e}{\partial L}$	SMTI Dig SMTI 11:0	4 calls 1, 2e 6 1, 2e 6 1, 2e 6 1, 3 1, 4 1, 3 1, 4 1, 4 1, 5 1, 5 1	nd )/ 45 1:30pm	irc 14 155m. 1.09 Sign. 1.09 1.35 1.35	- 1 - 28 get 4 ce is/25-1 - mtf -	SK 7 BK. SK 7 BK. Drop Jrz 1:16 fm
Wenter (2) 165 ES 1 165 ES 1 104 Wate May Unter 105 SUMMARY ESCRIPTION OF JC 1500 / 10 104 20	$\frac{\partial e}{\partial L}$ $\frac{\partial L}{\partial L}$ $\frac{\partial e}{\partial L}$	SMTI Dig SMTI 11:0	4 calls 1.2 Q 1.2 Q 1.3 Redown Ru WAM La 4 b 4 b	nd )/ 45 1:30pm	irc 14 155m. 1.09 Sign. 1.09 1.35 1.35	- 11-28 get 9 ce is/25-1 - mtf 5m 1:1430. M M	<u>356 786.</u> <u>35275 Kc</u> <u>Drop Jaz</u> <u>1:16 pm</u>
Wenter (2) 165 ES 1 165 ES 1 104 Wate May Unter 105 SUMMARY ESCRIPTION OF JC 1500 / 10 104 20	$\frac{\partial e}{\partial L}$ $\frac{\partial L}{\partial L}$ $\frac{\partial e}{\partial L}$	SMTI Dig SMTI 11:0	4 calls 1, 2e 6 1, 2e 6 1, 2e 6 1, 3 Ru 10 Am La 4 b 4 b 10 10 10 10 10 10 10 10 10 10	nd )/ 45 1:30pm	irc 14 155m. 1.09 Sign. 1.09 1.35 1.35	- 11-28 gal 4 ce w/25-1 - mtp 5m 1:145n. h pn.	35 275 KC
Winter (8) 165 ES 1 24 y Wate Auty Wate Auty 16 200 Auty 16 10 rp / 4 1:18 1:28 25 1:28 25	6 De 0 De 0 De 1 De 1 57 40 1 11 1	SMTI Dig SMTI 11:0	4 calls 1, 2e 6 1, 2e 6 1, 2e 6 1, 3 Ru 10 Am La 10 Am La 10 Am La	-10 2/45 1:30pm 5/5 / caret	irc 14 155m. 1.09 Sign. 1.09 1.35 1.35	- 1 - 28 get 4 ce w/ 25.1 - m4 5m 1:145 m m m	1:10 fm

and a second second

# КБ\_\_\_: 6 Ft

Casing: 7 Inch

ch

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Well Name	: Zweygardt 41-3	20		<u> </u>		
Joint No.	Joint Length, Ft	Total Footage, Ft	Depth KB, Ft (base of jt)	Depth KB, Ft (top of jt)	<i>Wt/ Grade</i> 17	Description
	0.00	0.00	000 11	-240,88		Centralizer & Baffle Plate
1	39.23	39.23	-280.11	-201.78	t i straffer.	
2	39.10	78.33	-240.88	-162.61		
3	39.17	117.50	-201.78	-123.43		
4	39.18	156.68	-162.61			
5	39.19	195.87	-123.43	-84.24		
6	39.14	235.01	-84.24	-45.10	an a	
7	39.10	274.11	-45.10	-6.00		
8	and such as the later.					
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14					Meas.	274.11
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16	n an an an an an ann an an an an an an a				Aprox TD @	285
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19						
20	n ta ser se traat. The second se					
	n a fer er ster for ster meg. Frank					行为不可以有不是。""你们还是你就是你不是是我们的时候,你就是" "我们们不是你们的你们,你们们就是我们们们们们们不是你的。"
21						에는 것은 가방 가려에서 가장 같은 것이 것을 갖는다. 같은 것은 것은 것은 것은 것은 것은 것은 것을 갖춘다.
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25				4		
26				1	이는 전 2012년 수요 1988년 전 전 1981년	· 물건값 이 가지 않는 것 이 가지 않는 것 같아.
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28	- 같은 것 같은					
29	이 그는 그는 것을 물을 줄					19월 - 날리는 것은 바람이 있는 것은 사람은 것을 가지 않는 것을 가장하는 것이다. 같은 바람이 있는 것은 것은 것을 위해 있는 것은 것을 것을 것을 것을 수 있다. 같은 바람이 있는 것은 것은 것을
30						
31						Ristan (Birney Chinaster) - Charter
TOTAL	274.11					

### KB-GL: 6 Ft

Casing: 4.5 10.5 # J-55

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	_				Casing:	
Well Name	Zweygardt 41-32	2B			Location:	Sec 32, 3S, 41W, Cheyenne Co. K
	Joint Length,	Total Footage,	Depth KB, Ft	Depth KB, Ft (top of jt)	Wt/ Grade	Description
Joint No.	Ft 1.32	<i>Ft</i> 1.32	(base of jt) -1623.12	-1621.80	a esta a	AFU SHOE
1 2	38.57 38.49	39.89 78.38	-1621.80 -1583.23	-1583.23 -1544.74	10.5#J-55	Centralizer & Latch Centralizer
з	38.95	117.33	-1544.74	-1505.79		Centralizer
4 5	37.71 38.32	155.04 193.36	-1505.79 -1468.08	-1468.08 -1429.76		Centralizer Centralizer
6	38.48	231.84	-1429.76	-1391.28		Centralizer Centralizer
7 8	20.94 39.19	252.78 291.97	-1391.28 -1370.34	-1370.34 -1331.15		Centralizer
9	38.45	330.42	-1331.15	-1292.70		가 가려 한 것은 것은 가지 않는 것이다. 같은 것을 알려 있는 것은 것은 것이다. 같은 것을 같은 것을 것이다.
10 11	38.83 38.75	369.25 408.00	-1292.70 -1253.87	-1253.87 -1215.12		
12	39.38	447.38	-1215.12	-1175.74		
13 14	39.01 38.70	486.39 525.09	-1175.74 -1136.73	-1136.73 -1098.03		
15 16	38.32 38.67	563.41 602.08	-1098.03 -1059.71	-1059.71 -1021.04		就動用的 440時 1200時 440時 3000 1200日 1月19日 - 1月18日 1月18日 1月18日 - 1月19日
17	38.18	640.26	-1021.04	-982.86		
18 19	44.10 40.51	684.36 724.87	-982.86 -938.76	-938.76 -898.25		
20	39.34	764.21	-898.25	-858.91		
21 22	39.01 38.28	803.22 841.50	-858.91 -819.90	-819.90 -781.62		
23	39.42	880.92	-781.62	-742.20		
24 25	38.62 38.60	919.54 958.14	-742.20 -703.58	-703.58 -664.98		
26	38.23	996.37	-664.98	-626.75		
27 28	38.27 39.21	1034.64 1073.85	-626.75 -588.48	-588.48 -549.27	「新たい」は現	
29 30	38.95	1112.80	-549.27	-510.32		
30	38.71 38.49	1151.51 1190.00	-510.32 -471.61	-471.61 -433.12		이 가지 않는 것을 많은 것을 알려야 한다. 것은 것은 것은 것은 것을 가지 않는다. 이 것은 것을 가지 않는다. 것은 것은 것을
32 33	38.52 38.59	1228.52 1267.11	-433.12 -394.60	-394.60 -356.01		분위한 방법을 위해 위한 것이다. Contact 이 이 이 이 이 이 이 이 이 이 이 이 이 이 이 이 이 이 이
34	38.12	1305.23	-356.01	-356.01		
35 36	38.97 - 39.30	1344.20 1383.50	-317.89 -278.92	-278,92 -239.62		
37	38.51	1422.01	-239.62	-201.11		
38 39	39.10 39.26	1461.11 1500.37	-201.11 -162.01	-162.01 -122.75		
40 41	39.14	1539.51	-122.75	-83.61	i di sentendi. Ngangan di Se	
41 42	38.95 38.66	1578.46 1617.12	-83.61 -44.66	-44.66 -6.00		
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85 TOTAL	1617.	12				
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