

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1059098

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 East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	Amount of Surface Pipe Set and Cemented at: Multiple Stage Cementing Collar Used? If yes, show depth set: If Alternate II completion, cement circulated from:
If Workover/Re-entry: Old Well Info as follows:	w/
Operator:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) Chloride content: ppm Fluid volume: bbls Dewatering method used:
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

	Side Two	1059098
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		g Formatio	n (Top), Depth an	d Datum	Sample
Samples Sent to Geolog	,	Yes] No	Name	9		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:								
			ASING RE	ECORD Ne		on. etc.		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.	3	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 RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated					ement Squeeze Record d of Material Used)	Depth			
TUBING RECORD:	Si	ze:	Set At:		Packer	r At:	Liner R	un:	No	
Date of First, Resumed F	Product	ion, SWD or ENHF	ξ .	Producing N		ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITIO	N OF (GAS:			METHOD	OF COMPLE	TION:		PRODUCTION INTER	RVAL:
Vented Sold		Used on Lease		Open Hole	Perf.	Dually (Submit)		Commingled (Submit ACO-4)		
(If vented, Sub	mit ACC)-18.)		Other (Specify))					



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

Bill To

Invoice

Date	Invoice #
3/4/2011	9885

Excell Services, L 36629 US HIGHW Wray, CO 80758	LC YAY 385'	· .		• • •	
Location	Well Name & No.	Job Type		Terms	Rig
Cheyenne KS	Nipps 24-33	Surface Pipe		Nel 30	-
liem	Description	Qty	U/M	Rate	Amount
Pump surface	PUMP Charge-surface-pipe			1,400),00 1,400,
MILEAGE	Mileage charge	174		2	522.
MITRACIT	Subtom laf Services			-	1.922.
				77	7_50 77.:
Centralizer 7"	Centralizer 7". 50/50 Poz (393)	173	Sack)() 	5.00 2,800, 10% -280,
Discount	Discount				2,597.:
	Subtotal of Materials	· · · · · · · · · · · · · · · · · · ·		· ·	4,519
			÷.,		
Antonio de la constance de la c					
	•		-		
Please Remit Invoic	res To;		Subtot	al	\$4,519,5
Bison Oil Well Cen P.O. Box 29671 Thornton, CO 8022			Sales	Tax (8.3%)	\$215.0
LUDURION, CARONZA	g		Total	1	\$4,735.1
			Balanc	e Due	\$4,735.1
			······		X_ 1109

\$ 5,208.61

REF. INVOICE IL 7883 **BISON OIL WELL CEMENTING, INC.** LOCATION G-OUd 1738 Wynkoop St., Sie, 102 Denvei, Colorado 80202 Kun. FOREMAN. Phone: 303-296 3010 Fax: 303-298-8143 TREATMENT REPORT E-mail. bisonoil1@gwestoffice.net RANE FORMATION ាមហ៍ច RBE TWF SECTRON 396 WELL NAME ζ 3 33 -33 **DWNER** CHARGE TO OPERATOR MAILING ADDRESS CONTRACTOR E DISTANCE TO LOCATION CITY Ů . the 7 TIME LEFT LOCATION STATE ZP CHOE PRESSURE LIMITATIONS :007.m TIME ARRIVED ON LOCATION INSTRUCTED THEORETICAL WELL DATA PERFORATIONS TUBINE SIZE SURFACE PIPE ANNULUS LONG HOLE SIZE SHOTS/FT TUBING DEPTH 0 TOTAL DEPTH STRING OPEN HOLE TUBING WARGHT TUBING TREATMENT RATE TUBING CONDITION TYPE OF TREATMENT CASING SIZE BHEAKODWA BPM TREATMENT VIA 33 Place SUNFACE PIPE CASING DEPTH HITEL DPM PACKER DEPTH | | PRODUCTION CASING CASING WERTHT FINAL BPM 1 SDEEZE CEMENT CASING CONDITION SAUC PRESSURE SUMMARY MINUMUM SPM L J ACID BREAKDOWN -psi: AVERAGE MAXIMUM BPM BREAKDOWN & CIRCULATING DSI () ACID STIMULATION ansi. AVERAGE RPM 15)P I JACID SPOTTING psi FINAL DISPLACEMENT insi i 5 MIN SIP psi () MISC PUMP ANNAULUS HYO HIP = RATE & PRESSURE & 40.8 -psì-15 MIN SIP ()SÌ 1 JOTHER MAXIMIIM **8**5ī D 6FB 判断判罪 MY NL 100C 14 INSTRUCTIONS PRIOR TO JOB Ľ Sm MLRU 1:12 JOB SUMMARY DESCRIPTION OF JOB EVENTS 1450 4DIM. 10 Par S DATE Costomers hereby acknowledges and specifically agrees to the terms and conditions on this work order, including, without imitation, the provisions on the reverse side hereof which nature hie release and index



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

Bill To

Excell Services, LLC 36629 US HIGHWAY 385

Wray, CO 80758

	· · · · · · · · · · · · · · · · · · ·						
Location Well Name & No.			Job Type		Terms	Rig	
Cheyenne KS	Nipps.24-33.	1	Production Pipe		Net 30		
llem	Description		Qty	U/M	Rale	Amount	
Pump-long string	PUMP charge-long string		1.		2,000.00	2,000.00	
MILEAGE	Milenge charge		174		3.00	522.00	
	Subtolal of Services			-		2,522,00	
Floar Shoe 4 1/2"	Ploat Shoe 4 122"	: .	3		285.00		
1.D Plog -41/2*	LD Plug & Balfle - 4 172°				253.00		
Centralizer 4 1/2"	Centralizer 4 122"		X		42.00		
N-Gel-12 Discount	Lead_121b Discount		39	Sack	16.00 -10.00%	624.00 -62.40	
BG-Line Discount	Tail 13.8.16/gal 50/50 Poz Discount		56	Snck	16.00 -10.00%	896.00 -89.60	
	Subioial of Materials		. , .	9	. '	2,242,00	
						4,764.00	
* · ;				· #			

Please Remit Invoices To:

Bison Oil Well Cementing, Inc. P.O. Box 29671 Thornton, CO 80229

	Invoice	
Date	Invoice #	

Dale	Ιπνοιςe #
3/5/2011	9882

 \$4,950,09
\$4,950.09
 X 110%
\$5,445,10

\$4,764.00

\$186:09

Subtotal

Total

Balance Due

Sales Tax (8.3%)

Phone. 303	koop St., St Morado 602 3-296-3010 98-6143	02			FO	REMAN_K	and ye	Alunta	
E-mail: bisc	onoii1@qwa	estoffict.net	TREAT	MENT REPORT		RGE		TY FORMATION	
DATE		WELL NAME		SHITTION J	-	BFW	cherry	11.14	
7-5-11 Ni	115_	29	3_3	/ :	<u> </u>				
Errol	1			DWINEN NUCH	\underline{C}				
HARGE TO TELLET		······································		OPERATON	7.1	1 min	2		
CITY				DISTANCE TO LOCATION	CONTRACTOR A KIEII				
			116	TIME LEFT LOCATION	12:10	Den.		· · · · · · · · · · · · · · · · · · ·	
NME ARRIVED ON LUCATION PEC	10 Bith	<u>_Key</u> _	11:00 Arm,			PRESSURELI	- 1		
	WEL	L BATA	PERFORATIONS			THEORE		WSTRUCTED	
IDLE SIZE TT TT	TURING SIZE		SHOTS/FT	SURFACE PIPE NUMBLUS	LONG	· ·			
TOTAL DEPTH	TUBING DEPTH		OPEN HOLE	STRING					
d("	TUBING WEIGHT		41.419.51664m	TUBING			<u></u> тч	EATMENT RATE	
CASING SIZE CALL	NUBING CONDITI	11	TREATMENT VIA		TYPE OF TREATMENT		BREAKDOWNI BPM		
CASING DEPTH / S P	HACKERI DEPTH			I J SURFACE PIE			HITTAL BPM		
ASING MEMORY 1					I JPRODUCTION CASING		FINAL BPM		
CASING CONDITION SOLID	PRESSUR	ESUMMARY		1] SOEEZE CEMENT		<u>[</u>	MINIMUN BPM		
BREAKDOWN BI CIRCULATING DEI		AVERAGE	psi	I ACID STIMULATION			MAXIMUM RPM	РМ	
FINAL DISPLACEMENT		151P.	psì	1 JACID SPOTTING			AVERAGE BPM		
ANNULUS		5 TAIN SIP	psi psi	L LAISC PUMP	:-			······································	
naximum psi		15 MIN SIP		I DITHER			HYD HHP = RAT	EXPRESSIREX40.8	
MURIMUM DSI				1135 16	c D	KN-6	4-12	0120/59/	
STRUCTIONS PRIOR TO JOH	MIK	34 5	m Lite	not start	10/	2,646	i Als	1 m/4665	
ISTRUCTIONS PRIOR IG IDE		(/sk	14.0 11.	There Di	Stan	x ander	<u> </u>	[1.3528B	
Water Ry. C	5- 6 40.		1. 6 7	SF AN 20176 - 2007			Stay 1	B day	
	5- 6 40. 0 [31	<u>8 6/ 4</u>	of 9.79a	La vale	-	140 20		<u> </u>	
	o 13 c Mug	8 6/4 Def	al 907 99	Bir vele	ield.	14 mil			
Water Reg. 1 OF B3-lete (2 JSK PAL 2 D/10 EXIC	5.6 40 0 13 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8 6/4 Daf 5 / 04	al 9.7 ga her 23.1 - Stan D	Lartar F	<u>e(d</u>	14an		artila_	
Water Reg. 1 OF B3-lete (2 JSK PAL 2 D/10 EXIC	o 13: plag sca	8 6/9 Dof 5 for DIN	al 9.7ga lac 23.1 - Star Co Son	Lartor F Grand	<u>+</u> [d]	P-/ M/		<u>pertenan</u> 1122	
Natur Reg. C OF B3-lete (P JSK Prof.	si ga plug sca sMI	S B/G Pof S for Der	al 9.799 lac 23.1 - Star C - Span C - Span - 11:00A	Gre M	+/ +/	14 2A 14 2A 17		11:21	
Water Reg. 1 OF B3-lete (2 JSK PAL 2 D/10 EXIC	si ga plag sca sMZ g:0 la	S 6/9 Pof S for PON DONON UNON	Sam Con Son	Gre M	+/ +/	14an Nof 11:4		11:21	
Water Reg. 1 OF B3-lete (2 JSK PAL 2 D/10 EXIC	s l ga o fai plag s M D g : C fai g : C fai fai fai fai fai fai fai fai	S 6/9 Pof s for toport toport toport	Sam Con Son	Gre M	<u>#(d</u> <u>+/</u> !03 [†]	1447 11-1 11:1	/ D 	11:21 11:21	
Water Reg. 1 OF B3-lete (2 JSK PAL 2 D/10 EXIC	s to ga o f3: flug s Ca s M D g:0 for for f	8 6/9 Pof S for DON DON DON DON DON DON DON DON DON DON	Sam Con Son	Gre M	<u>*(d</u> <u>+/</u> ! 05 ¹	14000 11-1 11:1		11:21 1.:21	
Description of JOB EVENTS Description of JOB EV	s C ga plag s C a s M D g : C las las las p	8 blg Pof s floy Don Don Unay	Sam Con Son	Gre M	<u>+</u> [d] + <u>f</u> 1051	14000 1407 11:1		211/4- 11:21	
Water Reg. 1 OF B3-lete (2 JSK PAL 2 D/10 EXIC	si ga plug sca sMZ g:0 lan plug	8 blg Pof S flev DON DON DON DON DON DON DON DON DON DON	Sam Con Son	Gre M	<u>+</u> [d] +] 051	14000 11-1 11:1) <u>erffa</u>	
Description of JOB EVENTS Description of JOB EV	s C ga plag s C a s M D g : C las	8 B/g Dof S flow DON DON DON DON DON DON DON DON DON DON	Sam Con Son	Gre M	<u>*(d</u> <u>*//</u> ! 05 ¹	14 m		11:21 1.21	
Description of JOB EVENTS Description of JOB EV	Si Ga Plug SC a SC a SM D G:C Jan Jan H	8 K/g Dy S fev Dir Dir No Por V fev V fev V fev V fev V fev Dir V fev Dir Dir Dir Dir V fev Dir Dir Dir Dir Dir Dir Dir Dir Dir Dir	Sam Con Son	Gre M	<u>+</u> + 1 051	14000 11-1 11-1		11:21 1.21	
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Description of JOB EVENTS Description of JOB EV	s C ga Plag S C a s M D G : C Jas H L - H - - - - - - - - - - - - -	8 blg Pof S flev DIA DIA DIA V Box, Illay Illay Illay Pit	Sam Con Son	Gre M	<u>*(d</u>			211/2	
Description of JOB EVENTS Description of JOB EV	s c ga plag s c a s M D g : 0 lan 15 	8 blg Pof S for DON DON DON DON DON DON DON DON DON DON	Sam Con Son	Gre M	<u>**(d</u> <u>\$1051</u>			11:21 11:21	
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Water Re. (OF 133-late (2-0% effect 2-0% effect Description of JOB EVENTS DOF lace 11:30 1330400 1383,111:00 Bbbl	<u>4:0</u> <u>10.</u> <u>11</u> <u>15-70</u>	8 B/g Dof Dof Do Do Do No Por I flay 140 Pit	11:00A	Rep				DATE	
Water Re. (OF 133-late (2-0% effect 2-0% effect Description of JOB EVENTS DOF lace 11:30 1330400 1383,111:00 Bbbl	<u>4:0</u> <u>10.</u> <u>11</u> <u>15-70</u>	8 B/g Pof S flow DON DON DON DON DON THO THO THO THO THO THO THO THO THO THO	11:00A	Gre M					

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KE, ⊭: ∰P 60Ft norse, j

Casing: 7 inch

Well Name	: Nipps 24-33				Location:	Sec 33, 5S, 39W, Cheyenne Co.
Joint No.	Joint Length, Ft 0.00	<i>Ft</i> 0.00	Depth KB, Ft (base of jt)	Depth KB, Ft (top of jt)	<i>Wt/ Grade</i> 17	Description
1 2 3 4 5 6 7 8 9 10	41.69 44.45 44.26 44.42 44.24 39.66 44.36 44.10 43.40	41.69 86.14 130.40 174.82 219.06 258.72 303.08 347.18 390.58	-396.58 -354.89 -310.44 -266.18 -221.76 -177.52 -137.86 -93.50 -49.40	-354.89 -310.44 -266.18 -221.76 -177.52 -137.86 -93.50 -49.40 -6.00		Centralizer
11 12 13 14 15 16 17 18 19 20 21 21 22					# Jts Ran Meas Set @ Aprox TD @ Threads On	
23 24 25 26 27 28 29 30 31 TOTAL	390.58					



KB-GL: 6 Ft

Casing: 4.5 11.6 # J-55

I

	· ·	ELCELL SERVICE	<u>1×1</u> 5, IHC.		Casing:	4.5 11.6 # J- 55
Well Name:	Nipps 24-33				Location:	Sec 33, 5S, 39W, Cheyenne Co. KS
Joint No. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38	Joint Length, Ft 0.92 42.09 41.94 42.09 42.09 42.06 42.14 21.26 42.16 42.20 42.14 42.20 42.14 42.09 42.14 42.09 42.10 42.09 42.88 42.08 42.08 42.68 40.86 42.38 42.00 41.90 35.73 41.98 42.12 42.11 42.12 42.12 42.12 42.12 42.12 42.12 42.13 42.12 42.13 42.12 42.33 42.12 42.33 42.12 42.33 42.12 42.33 42.12 42.33 42.12 42.33 42.12 42.33 42.12 42.33 42.12 42.33 42.12 42.33 42.12 42.33 42.12 42.33 42.12 42.33 42.12 42.33 42.12 42.33 42.12 42.33 42.12 42.33 42.12 42.33 42.13 42.12 42.33 42.14 42.14 42.09 42.14 42.09 42.68 42.00 41.90 35.73 41.98 42.12 42.12 42.13 42.12 42.33 42.12 42.33 42.12 42.33 42.13 42.12 42.33 42.13 42.14 42.14 42.14 42.09 42.14 42.09 42.88 41.98 42.12 42.13 42.13 42.13 42.12 42.13 42.12 42.13 42.13 42.13 42.12 42.13 42.13 42.12 42.13 42.14	Total Footage, Ft 0.92 43.01 84.95 127.04 169.13 211.19 253.33 274.59 316.75 358.95 401.09 443.23 485.32 527.42 569.51 612.39 654.47 697.15 738.01 780.39 822.39 864.29 900.02 942.00 984.18 1026.13 1068.25 1110.35 1152.49 1194.66 1236.68 1278.81 1320.93 1363.05 1405.38 1448.26 1490.24 1532.36	Depth KB, Ft (base of jt) -1538.36 -1537.44 -1495.35 -1453.41 -1411.32 -1369.23 -1327.17 -1285.03 -1263.77 -1221.61 -1179.41 -1137.27 -1095.13 -1053.04 -1010.94 -968.85 -925.97 -883.89 -841.21 -800.35 -757.97 -715.97 -674.07 -638.34 -596.36 -554.18 -512.23 -470.11 -428.01 -385.87 -343.70 -301.68 -259.55 -217.43 -132.98 -90.10 -48.12	Depth KB, Ft (lop of ft) -1537.44 -1495.35 -1453.41 -1411.32 -1369.23 -1327.17 -1285.03 -1263.77 -1221.61 -1179.41 -1137.27 -1095.13 -1053.04 -1010.94 -968.85 -925.97 -883.89 -841.21 -800.35 -757.97 -715.97 -674.07 -638.34 -596.36 -554.18 -512.23 -470.11 -428.01 -385.87 -343.70 -301.68 -259.55 -217.43 -175.31 -132.98 -90.10 -48.12 -6.00	Wt/ Grade	Description AFU SHOE Centralizer & Latch Centralizer Centralizer Centralizer Centralizer Centralizer
39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 5 TOTAL	1532.36				JTs Fan	
			• .		JIS Han Meas w/sh Set @ PBTD @	oe 1532.36 1538.36

Threads On 1539.63