

ORIGINAL

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACG-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 31219
Name: Prime Operating Company
Address 2900 Wilcrest Drive
Suite 475
City/State/Zip Houston, Texas 77042
Purchaser: None as yet ^{KCC} *JH*
Operator Contact Person: H.G. Livingston
Phone (713) 735-0000
Contractor: Name: Excell Drilling
License: 08273
Wellsite Geologist: None
Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: NA
Well Name: _____
Comp. Date _____ Old Total Depth _____
 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back _____ PSTD
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Inj?) _____ Docket No. _____

12/3/93 12/7/93
Spud Date Date Reached TD Completion Date

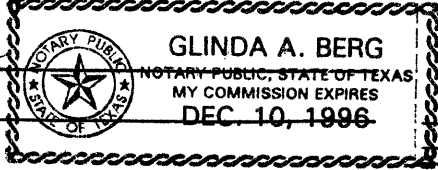
API NO. 15- 023-20-333-000
County Cheyenne
SE - NE - NW - _____ Sec. 34 Twp. 3 Rge. 42 E/W
946 Feet from S (circle one) Line of Section
1985 Feet from S (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)
Lease Name Rueb Well # 34-3-1
Field Name Wildcat
Producing Formation Niobrara
Elevation: Ground 3704' xs 3710'
Total Depth 1692' PSTD 1655'
Amount of Surface Pipe Set and Cemented at 310 323 ^{KCC} *JH*
Multiple Stage Cementing Collar Used? _____ Yes No
If yes, show depth set _____ NA _____ Feet
If Alternate II completion, cement circulated from _____ NA
feet depth to _____ NA _____ w/ _____ NA _____ sx cnt.

Drilling Fluid Management Plan ALT 1 JH 6-22-94
(Data must be collected from the Reserve Pit)
Chloride content 2,000ppm Fluid volume 900bbls.
14,000 ppm Fluid volume 200 bbls
Dewatering method used Evaporation
Location of fluid disposal **RECEIVED**
KANSAS CORPORATION COMMISSION
Operator Name NA *3-11-94*
Lease Name MAR 11 1994 License No. _____
Quarter Sec. _____ E/W
County WICHITA, KS

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 [Signature]
Title District Manager Date 3/9/94
Subscribed and sworn to before me this 9th day of MARCH
19 94.
Notary Public Glinda A. Berg
Date Commission Expires _____



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C _____ Geologist Report Received
Distribution
 KCC _____ SWD/Rep _____ MGA
_____ KGS _____ Plug _____ Other
(Specify)

Operator Name Prime Operating Company Lease Name Rueb Well # 34-3-1
 Sec. 34 Twp. 3 Rge. 42 East West
 County Cheyenne

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. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Niobrara	1486'	1523'
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	(Beecher Island Zone)		
List All E.Logs Run:				

CNL-CDL-GR-SONIC-DI

CASING RECORD <input 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	9 7/8"	7"	20	323'	Class "C"	120	2%CaCl 2
Production	6 1/4"	4 1/2"	10.5	1686	Premium	85	2%CaCl 2

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD	NA			
<input type="checkbox"/> Plug Off Zone				

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

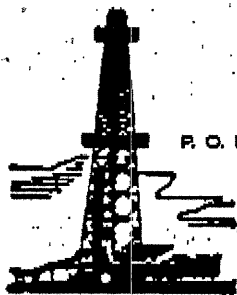
TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)							
SI								
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACG-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

Well is presently SI, waiting for completion



CEMENTER'S ENERGY INC.

P. O. BOX 1587 • SCOTTSBLUFF, NE 69369-1587 • (308) 632-8855
 FAX 308-632-3991

Our Invoice

No 15407

ORIGINAL

Date <u>12-6-93</u>	Well Owner <u>PRIME</u>	Well No <u>34-3-1</u>	Lease <u>Rueb Farm</u>
County <u>Yuma</u>	State <u>Colorado</u>	Field <u>123-123-123</u>	Charge Code
Charge To <u>EXCEL, DLLG COMPANY</u>	For Office Use Only		
Address <u>RJL#2</u>	City, State <u>WBAV, COLORADO</u>		
Pump Truck No. <u>1202</u>	Code	Bulk Truck No. <u>1206</u>	Code
Type of Job <u>Surface</u>	Depth	Ft. <u>333</u>	to
	Bottom of Surface	Ft. <u>323</u>	to
Plug	Plug Landed @ <u>303</u>	Fl.	Time On
Production	Pipe Landed @ <u>323</u>	Fl.	Time Off

Reference No.	Description	Qty.	Meas.	Unit Price	Amount
	Pump Truck Charge				
	Cement Neat				1450.00
	Poz. Mix	Cost File <u>302-10</u>	Voucher <u>X120254</u>		
	Calcium Chloride	AFE No.	<u>3%</u>		
	Gel % Flo-Sea	Location			
	Handling Charge	Ownership			
	Hauling Charge	Class No. <u>10000</u>			
	Additional Pump Charge	Approved <u>1/4/94</u>			
	Mileage P.T.	Pay Date	<u>123 ft = 4.75</u>		<u>584.25</u>
	B.T.				
	Plug <u>6/2</u>				
	<u>Plugdown</u>	<u>Centralizers</u>	<u>2</u>	<u>35.00</u>	<u>70.00</u>
	<u>5'45"</u>	<u>PHLG</u>	<u>1</u>		<u>30.00</u>

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 CONSERVATION DIVISION
 WICHITA, KS

Remarks:	Tax Reference Code	Sub Total	<u>2134.25</u>
	State <u>Colo 3</u> % Tax		<u>26.94</u>
	Disc <u>net</u>	Total	<u>2161.19</u>

Truck No.	Code	State Mileage	Nebraska	Colorado	Wyoming	Other	Total Mileage
<u>1202</u>		Pump Truck		<u>28</u>			<u>28</u>
<u>1206</u>		Bulk Truck		<u>28</u>			<u>28</u>

We do not assume any responsibility for any damage or conditions resulting from our services. All pricing is subject to review and revision.

Delivered By CAROL DARYLE & JOHN Received By Keith
 Customer or His Agent

JOB LOG FORM 2013 R-3

CUSTOMER Prime Operating	WELL NO. * 34-3-1	LEASE Rueb Farm	JOB TYPE 4 1/2" Prod. Csg	TICKET NO. 508105-4
------------------------------------	-----------------------------	---------------------------	-------------------------------------	-------------------------------

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1640							Coiled out - Job ready Now
	2035							ON LOC. - Rig Now - Rig Crew running 4 1/2" csg Set up Equip.
	2140							4 1/2" Csg @ 16x6.66' - Rig Circ
	2213							Hook up Plug Container & PT
	2220	5 1/2	18.0			150		Start 18 bbl. 2% CIA - Fix Water
	2224	5 1/2	12.0			150		Start 500 gal. mud Flush
	2230	3.0	17.8			75		Start mixing X-5 SB. SW - 2% CIA - 2%
	2240	3.0				75		Hold 22 @ 3 BPM - Rig Recip. Csg Finish mixing - Stop Recip Csg - Wash up Pump & Lines - Release latch down plug
	2242	3.0	26.2			50		Start disp - Start Recip Csg.
	2249	3.0				200		21 bbl. disp. in - Stop Recip Csg
	2252	3.0				2150		Plug down - Holding (Final Circ. = 775")
	2257							Release Press. - Float Holding Washup PT - Rackup
	2310							Job Completed

Thank you
Eldon, Terry, Mike

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 FEB 25 1994
 CONSERVATION DIVISION
 WICHITA, KS



JOB
SUMMARY

HALLIBURTON
DIVISION
HALLIBURTON
LOCATION

WIND CONVENT
Oberlin, Ks.

BILLED ON
TICKET NO. 508105-4

WELL DATA

FIELD _____ SEC 34 TWP. 35 RNG. 42W COUNTY Cheyenne STATE KS
FORMATION NAME _____ TYPE _____
FORMATION THICKNESS _____ FROM _____ TO _____
INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____
PACKER TYPE _____ SET AT _____
BOTTOM HOLE TEMP. _____ PRESSURE _____
MISC. DATA _____ TOTAL DEPTH 1652'

JOB DATA

NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	N	10.5	4 1/2"	KB	1656.66
LINER					
TUBING					
OPEN HOLE					SHOTS/FT.
PERFORATIONS					
PERFORATIONS					
PERFORATIONS					

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE Super Seal II 4 1/2"	1 ea	Harker
GUIDE SHOE		
CENTRALIZERS 6" 4 6' 4 x 4 1/2"	6 ea	
BOTTOM PLUG		
TOP PLUG 3-w/ latch down 4 1/2"	1 ea	
HEAD 4" 4" 4" Baffle 4 1/2"	1 ea	
PACKER Hulse weld 'A'	1 ea	
OTHER Cable wall cleaners 4 1/2"	7 ea	

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL. °API
DISPL. FLUID _____ DENSITY _____ LB/GAL. °API
PROP. TYPE _____ SIZE _____ LB.
PROP. TYPE _____ SIZE _____ LB.
ACID TYPE _____ GAL. _____ %
ACID TYPE _____ GAL. _____ %
ACID TYPE _____ GAL. _____ %
SURFACTANT TYPE _____ GAL. _____ IN
NE AGENT TYPE _____ GAL. _____ IN
FLUID LOSS ADD. TYPE _____ GAL.-LB. _____ IN
GELLING AGENT TYPE _____ GAL.-LB. _____ IN
FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN
BREAKER TYPE _____ GAL.-LB. _____ IN
BLOCKING AGENT TYPE _____ GAL.-LB. _____
PERFPAC BALLS TYPE _____ QTY. _____
OTHER 5 gal CIA Fix II - 500 gal mud-flush
OTHER _____

NAME	UNIT NO. & TYPE	LOCATION
E. Reynolds 47558	Pickup 413222	Oberlin, Ks.
J. Alstrom 606382	Rm 11740	Oberlin, Ks.
M. Jones 52046	Bm 3846	Oberlin, Ks.

DEPARTMENT Cementing
DESCRIPTION OF JOB Cement 4 1/2" Prod. Csg
JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.
CUSTOMER REPRESENTATIVE X [Signature]
HALLIBURTON OPERATOR [Signature] COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	85	Std.			2% C.C. - 2% HAWKINS CORPORATION COMMISSION	7.75	15.6

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PRESSURES IN PSI

SUMMARY

CIRCULATING _____ DISPLACEMENT _____ PRESLUSH: BBL.-GAL. 18.0
BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN-BBL.-GAL. 120 mud flush PAD: BBL.-GAL. _____
AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 26.2
SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____ CEMENT SLURRY: BBL.-GAL. 17.8
HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. _____
ORDERED _____ AVAILABLE _____ USED _____ RAMARKS
TREATING _____ DISPL. _____ OVERALL _____
FEET 3158 REASON Shoe Joint
See Tub Log & Chart
Thank you.

CUSTOMER
Prime Operating
LEASE
Rueb Farm
WELL NO. 34-31
JOB TYPE 4 1/2" Prod. Csg.
DATE 12-7-93



HALLIBURTON
ENERGY SERVICES

TICKET CONTINUATION

COPY

TICKET No. 508105-4

FORM 1911 R-8

CUSTOMER Prime Operating WELL Rueb Form 34-3-1 DATE 12-7-93 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		QTY.		UNIT PRICE	AMOUNT
		LOC	ACCT	DF			U/M	U/M				
504-308	ORIGINAL	1				57d Cement	85	SKs			8.11	1,689.35
509-406		1				Calcium Chloride Blended	2	SK			28.25	56.50
507-775		1				Halod-322 Blended	16	lb			6.90	110.40
500-207		1				SERVICE CHARGE						
500-306		1				MILEAGE CHARGE						
						TOTAL WEIGHT						
						LOADED MILES						
						CUBIC FEET						
						TON MILES						

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 FEB 26 1994
 CONSERVATION DIVISION
 WICHITA, KS

CONTINUATION TOTAL \$ 1306.11



CHARGE TO: Prime Operating
 ADDRESS: Bldg. L Suite L 731 Wadley Ave.
 CITY, STATE, ZIP CODE: Midland, Texas 79705

COPY

TICKET

No. 508105 - 4

PAGE 1 OF 2

FORM 1906 R-12

ORIGINAL

SERVICE LOCATIONS 1. Oberlin, KS	WELL/PROJECT NO. 87-8-1	LEASE Rudels Farm	COUNTY/PARISH Cheyenne	STATE KS	CITY/OFFSHORE LOCATION	DATE 12-7-93	OWNER Prime Operating
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR Excell Dril. Co.	RIG NAME/NO.	SHIPPED VIA CT	DELIVERED TO Wellsite	ORDER NO.
3.	WELL TYPE 02	WELL CATEGORY 03	JOB PURPOSE 035	WELL PERMIT NO. API-02320333	WELL LOCATION W/ST. Francis, KS.		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF			QTY.	U/M	QTY.	U/M		
000-117		1				MILEAGE	3579	uc	170	mi.	2.75	467.50
001-016		1				Pump Charge	1686	ft			122.00	1220.00
5A	837.00300	1				Super Seal II Float Shoe	1	ea.	4 1/2	in.	200.00	200.00
40	807.93003	1				5-4 Centralizer	6	ea.	4 1/2	in.	24.00	246.00
593	801.0373	1				Latch Down Plug	1	ea.	4 1/2	in.	159.00	159.00
594	801.03734	1				Latch Down Baffle	1	ea.	4 1/2	in.	100.00	100.00
018-315		1				Mud Flush	500	gal.	4 1/2	in.	.65	325.00
218-738		1				CIA-Fix II	5	gal.			24.00	120.00
56	807.2003	1				Cable w/ll Cleaners	7	ea.	4 1/2	in.	25.50	178.50
350	890.10802	1				Halliburton weld 'A'	1	lb.			14.50	14.50

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions. CUSTOMER OR CUSTOMER'S AGENT SIGNATURE X <i>Tom W. Koelz</i> DATE SIGNED: 12-7-93 TIME SIGNED: 2045 <input type="checkbox"/> do <input type="checkbox"/> do not require IPC (Instrument Protection). <input checked="" type="checkbox"/> Not offered	SUB SURFACE SAFETY VALVE WAS: <input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN		SURVEY AGREE <input type="checkbox"/> UN-DECIDED <input type="checkbox"/> DIS-AGREE <input type="checkbox"/>			PAGE TOTAL 3030.50 FROM CONTINUATION PAGE(S) 1306.11 SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE 4336.61
	TYPE LOCK	DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?			
	BEAN SIZE	SPACERS	WE UNDERSTOOD AND MET YOUR NEEDS?			
	TYPE OF EQUALIZING SUB.	CASING PRESSURE	OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
	TUBING SIZE	TUBING PRESSURE	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			
TREE CONNECTION	TYPE VALVE	ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND						

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT)	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE)	HALLIBURTON OPERATOR/ENGINEER	EMP #	HALLIBURTON APPROVAL
X	<i>Tom W. Koelz</i>	<i>Edmund Reynolds</i>	47558	

CASING CEMENTING DATA

WELL NAME AND NUMBER: Rueb Farm 34-3-1 DISTRICT: _____ DATE CEMENTED: 12-6-93
 T.D.: 325 HOLE SIZE: 9 7/8 MUD WT: 9.1 VIS: 38 CAKE: _____ PH: 7 LW: 7 MUD TYPE: 6cl

STAGE I		SAX	YIELD	SLURRY COMPOSITION	AVG. SLURRY WT.
		<u>120</u>	<u>7.15</u>	<u>STD cement 3% Cac/</u>	<u>13.6</u>
		SAX	YIELD	SLURRY COMPOSITION	NO. SAMPLES
STAGE II CMT OUT STG COLL		SAX	YIELD	SLURRY COMPOSITION	AVG. SLURRY WT.
		SAX	YIELD	SLURRY COMPOSITION	NO. SAMPLES
STAGE III CMT OUT STG COLL		SAX	YIELD	SLURRY COMPOSITION	AVG. SLURRY WT.
		SAX	YIELD	SLURRY COMPOSITION	NO. SAMPLES

ORIGINAL

EQUIPMENT DATA

MFG. TYPE, POSITION: _____

MFG. TYPE, POSITION: Three centralizers top of 1st, 3rd & 8th jts - wood plug

CEMENTING CO.: Cementers Inc WASH AHEAD OF CMT. TYPE: Fresh Water BBLs: 10 THREAD COMPOUND: _____

OPERATIONAL DATA

STARTED RING CASING: 3:00 P M ON BTM.: 4:15 P M START CIRC.: 4:15 P M END CIRC.: 4:25 P M RATE: 5 BBLs/IM START MIX CMT.: 4:25 P M END MIX: 4:30 P M RATE: 5 BBLs/IM START PLUG: 4:35 P M

PLUG DOWN: 4:45 P M RATE: 5 BBLs/IM PIPE MOVED, HOW: NO START: _____ STOP: _____ START: _____ STOP: _____ SHUT DOWN TIME: _____

CSG FILLED EVERY: Auto JOINTS WHILE RUNNING: _____ DISPLACED PLUG W/ WATER MUD LOST RETURNS (SEE REMARKS) YES NO

BREAK CIRC.: _____ 200 PSI CIRC. PRIOR TO MIX: _____ 200 PSI JUST PRIOR TO PLUG DOWN: _____ 300 PSI

FINAL: 300 PSI BLED BACK TO _____ PSI CEMENT TOP: _____ ACTUAL: Surface CALCULATED: _____ VOL. CEMENT RETURNED: 10 SKS

CASING DATA

LIST POSITION IN STRING FROM TOP TO BOTTOM: _____ RDB-GND: 6' RDB-BH: 325'

MFGR - ITEM	SIZE	WEIGHT	GRADE	THREAD CONNECTION	COND.	NO. JTS	FOOTAGE	RDB SPACE
	<u>7"</u>	<u>20#</u>		<u>ST&C</u>	<u>T+D</u>	<u>9</u>	<u>317.15</u>	RDB TO TOP <u>6'</u>

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KANSAS CORPORATION COMMISSION

FEB 25 1994
CONSERVATION DIVISION
WICHITA, KS

Csg Seat
323.15'

DATE 12-6-93

WELL NO. 34-3-1

LEASE Rueb Farm

FIELD Wildcat

7" 20# set @ 323.15

N/A

CASING CEMENTING DATA

WELL NAME AND NUMBER Rueb Farm 34-3-1		DISTRICT	DATE CEMENTED 12/1/93
ED 1692	HOLE SIZE 6 1/4"	MUD WT 8.8	VIS 35
		MUD TYPE KCC Polymer	

CEMENT DATA			
STAGE I	SAX 85	YIELD 1.78	SLURRY COMPOSITION STD Cement 29% Cmc 1.2% Hald
			AVG. SLURRY WT. 15.6
			NO. SAMPLES 322
STAGE II	SAX	YIELD	SLURRY COMPOSITION
			AVG. SLURRY WT.
			NO. SAMPLES
STAGE III	SAX	YIELD	SLURRY COMPOSITION
			AVG. SLURRY WT.
			NO. SAMPLES

EQUIPMENT DATA	
SCRAVERS	MFG. TYPE, POSITION 7 cable wall cleaners 1485' - 1525'
CENTRALIZERS	MFG. TYPE, POSITION 6 centralizers top of 1st, 3rd, 5th, 7th, 9th, & 11th jts
	Super Seal II floatshoe Latch down baffle & plug
CEMENTING CO. Halliburton	WASH AHEAD OF CMT. TYPE Clayfix, mud flush
	BBSL. 30
	THREAD COMPOUND

OPERATIONAL DATA											
STARTED RING CASING 6:15 P M	ON BTM. 8:40 P M	START CIRC 8:45 P M	END CIRC. 9:24 M	RATE 5 BBSL / M	START MIX CMT. 9:30 P M	END MIX 9:40 P M	RATE 3 BBSL / M	START PLUG 9:42 P M			
PLUG DOWN 9:52 P M	RATE 3 BBSL / M	PIPE MOVED: HOW Recip	START 9:30 P	STOP 9:40 P	START 9:42 P	STOP 9:49 P	SHUT DOWN TIME				
CSG FILLED EVERY 10	JOINTS WHILE RUNNING		DISPLACED PLUG W/		<input checked="" type="checkbox"/> WATER	<input type="checkbox"/> MUD	LOST RETURNS (SEE REMARKS) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO				
BREAK CIRC. 150	PSI	CIRC. PRIOR TO MIX 150	PSI	JUST PRIOR TO PLUG DOWN 975	PSI						
FINAL 2150	PSI	bled back to 0	PSI	CEMENT TOP	ACTUAL	CALCULATED 700'	VOL. CEMENT RETURNED None				
CSG FLANGE (MFG. MODEL, SIZE, SERIES) 7" X 4 1/2"											

CASING DATA		LIST POSITION IN STRING FROM TOP TO BOTTOM				RDB-GND	RDB-BH
MFGR - ITEM	SIZE	WEIGHT	GRADE	THREAD CONNECTION	COND.	NO. JTS	FOOTAGE
	4 1/2"	10.5	J-55	ST&C	USED D+T	54	1680.66
							6' RDB TO TOP

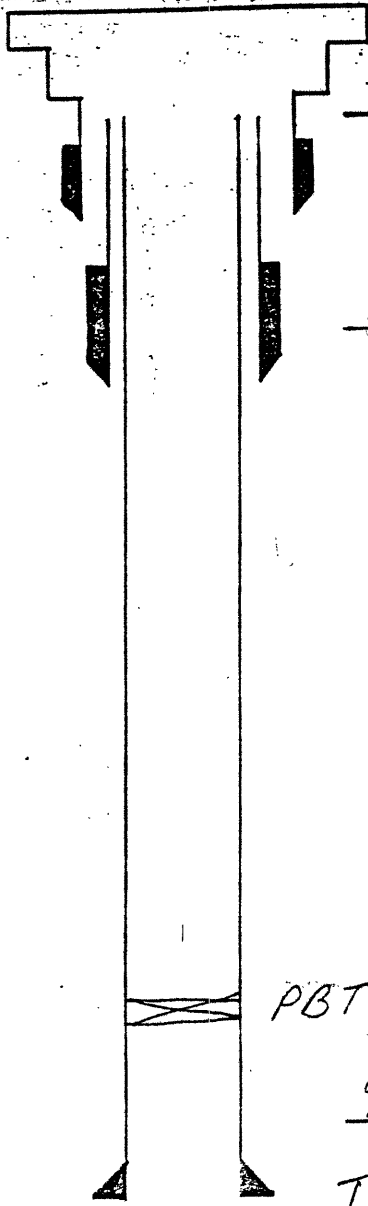
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FEB 25 1994
CONSERVATION DIVISION
WICHITA, KS

Csg Seat
1686.66

DATE 12-8-93 WELL NO 34-3-1 LEASE Rueb Farm FIELD Wildcat

KB 3716'
GL 3704'



7" 20# set @ 323.15'

N/A

PBTD 1655'

4 1/2" 10.5# set @ 1686.66'

TD 1692'