

FORM MUST BE TYPED

RELEASED FROM SIDE ONE

15-055-21811-00-00

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

API NO. ~~15-055-21811-00-00~~ ORIGINAL

County FINNEY - 00 - 00

-S2 - N2 - SW Sec 12 Twp. 22S Rge. 34 W

1750 Feet from SN (circle one) Line of Section

1300 Feet from EW (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner NE, SE, NW or SW (circle one)

Lease Name LOOMIS Well # 2-12

Field Name

Producing Formation Morrow

Elevation: Ground 2911 KB 2922

Total Depth 4900 PBTB 4874

Amount of Surface Pipe Set and Cemented at 1915 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set Feet

If Alternate II completion, cement circulated from feet depth to w/ sx cmt.

Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)

Chloride content ppm Fluid volume 2500 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite:

Operator Name

Lease Name License No.

Quarter Sec. Twp. S Rng. E/W

County Docket No.

Operator: License # 30606 CONFIDENTIAL

Name: Murfin Drilling Co., Inc.

Address 250 N. Water, Suite 300

City/State/Zip Wichita, KS 67202

Purchaser:

Operator Contact Person Tom W. Nichols

Phone (316) 267 - 3241

Contractor: Name: Murfin Drilling Co., Inc.

License: 30606

Wellsite Geologist: Paul Gunzelman

Designate Type of completion

x New Well Re-Entry Workover

x Oil SWD SIOW Temp. Abd.

Gas ENHR SIGW

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

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

Operator:

Well Name:

Comp. Date Old Total Depth

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBTB

Commingled Docket No.

Dual Completion Docket No.

Other (SWD or Inj?) Docket No.

8/21/03 8/10/02 10/4/03 Spud Date Date Reached TD Completion Date

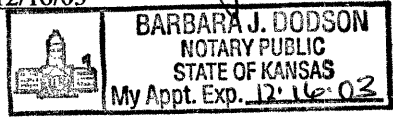
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market, Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side 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 Tom W. Nichols Title Tom W. Nichols, Production Manager Date 2003

Subscribed and sworn to before me this 20th day of Oct. 2003

Notary Public Barbara J. Dodson Date Commission Expires 12/16/03



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

Operator Name Murfin Drilling Co. Inc.

Lease Name Loomis Well # 2-12

Sec. 12 Twp. 22S Rge. 34 W

East
 West

County Finney

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 Yes No
(Attach Additional Sheets.)

Log Formation (Top), Depth and Datums Sample

Name Top Datum

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

SEE ATTACHED LIST

Electric Log Run Yes No
(Submit Copy.)

List all E.Log Dual Comp. Porosity, Dual Induction, Micro-Resistivity

CASING RECORD New 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#	1915'	Lite comm	475 100	
Production	7 7/8"	5 1/2"	15.5#	4899'	AA-2	190	
Conductor		13 3/8"		225'	comm	300	3%cc, 2%gel

ADDITIONAL CEMENTING/SQUEEZE RECORD

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

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	4756-4764	750gal 7 1/2% MIRA	4756-64
		FRAC: 14,000gals Pro frac 25 w/	4756-64
		13,500#& 20/40sand avq. rate	
		9bpm & avg psi 2400#	

TUBING RECORD	Size Set At	Packer At	Liner
	2 3/8" 4808.49'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj.	Producing Method
10/04/03	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other

Estimated Production Per 24 Hours	Oil Bbls 21BO	Gas Mcf	Water Bbls. SBW	Gas-Oil Ratio	Gravity

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
(If vented, submit ACO-18.) Other (Specify)

as above



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SALES OFFICE:
100 S. Main
Suite #607
Wichita, KS 67202
(316) 262-3699
(316) 262-5799 FAX

SALES & SERVICE OFFICE:
10244 NE Hwy 64
P.O. Box 8613
Pratt, KS 67124-8613
(316) 672-1201
(316) 672-5383 FAX

ACIDIZING - FRACTURING - CEMENTING

KCC
OCT 21 2003 Invoice

Bill to:		5873197	Invoice	Invoice Date	Order	Order Date
MURFIN DRILLING Box 288 Russell, KS 67605			308136	8/31/03	6620	8/23/03
Service Description						
Cement						
Lease					Well	
Loomis					2-12	
AFE	CustomerRep	Treater	Well Type	Purchase Order	Terms	
	R. Farr	S. Frederick	New Well		Net 30	

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OCT 22 2003
KCC WICHITA

ID.	Description	UOM	Quantity	Unit Price	Price
D200	COMMON	SK	100	\$10.39	\$1,039.00 (T)
D201	A-CON BLEND (COMMON)	SK	475	\$13.08	\$6,213.00 (T)
C310	CALCIUM CHLORIDE	LBS	1513	\$0.75	\$1,134.75 (T)
C194	CELLFLAKE	LB	134	\$2.00	\$268.00 (T)
F103	CENTRALIZER, 8 5/8"	EA	3	\$90.00	\$270.00 (T)
F145	TOP RUBBER CEMENT PLUG, 8 5/8"	EA	1	\$145.00	\$145.00 (T)
F233	FLAPPER TYPE INSERT FLOAT VALVES, 8 5/8"	EA	1	\$265.00	\$265.00 (T)
F193	GUIDE SHOE-REGULAR, 8 5/8"	EA	1	\$260.00	\$260.00 (T)
F800	THREADLOCK COMPOUND KIT	EA	1	\$30.00	\$30.00 (T)
R701	CEMENT HEAD RENTAL	EA	1	\$250.00	\$250.00
E107	CEMENT SERVICE CHARGE	SK	575	\$1.50	\$862.50
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	80	\$3.25	\$260.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	2132	\$1.30	\$2,771.60
R204	CASING CEMENT PUMPER, 1501-2000' 1ST 4 HRS ON LOC	EA	1	\$1,376.00	\$1,376.00

Sub Total: \$15,144.85

Discount: \$5,300.70

Discount Sub Total: \$9,844.15

Finney County & State Tax Rate: 6.05% Taxes: \$378.49

(T) Taxable Item

Total: \$10,222.64

PLEASE REMIT TO Acid Services, LLC, Dept No 1131 , Tulsa, OK 74182

Accounts become past due the last day of the month following billing. Interest rate 1.5% per month (18% per year) on past due accounts.



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Subject to Conditions CONFIDENTIAL

FIELD ORDER

6620

INVOICE NO.	Lease	Well #	Legal
Date 8-23-03	Loomis	2-12	12-225-34W
Customer ID	County	State	Station
	Finney	KS	LIBERAL
Depth	Formation	Shoe Joint	
1914		40	
Casing	Casing Depth	TD	Job Type
8 5/8	1914	1916	8 5/8 Surface (New Well)
Customer Representative	Treater		
RODNEY FARR	Shaun FREDERICK		

CHARGE

MURFIN Drilling

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OCT 22 2003

A/E Number	PO Number	Materials Received by
	KCC WICHITA	X Rodney Farr

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D200	100sn	Common	✓			
D201	475sk	A-CON BLEND (Common)	✓			
C310	151b	CALCIUM CHLORIDE	✓			
C194	134 lb	CELLFLAKS	✓			
F103	3ea	CENTRALIZER 8 5/8	✓			
F145	1ea	TOP RUBBER PLUG 8 5/8	✓			
F233	1ea	FLAPPER INSERT 8 5/8	✓			
F193	1ea	GUIDE SHOE REG. 8 5/8	✓			
F800	1ea	THREADLOCK	✓			
		A-CON w/ 3% CC 1/4"				
		CELLFLAKE @ 11.5#				
		Common w/ 2% CC - 1/4"				
		CELLFLAKE @ 15#				
R701	1ea	CMT HEAD RENTAL				
E107	575 sk	CMT SERVICE CHARGE				
E100	80 mi	UNITS 1 MILES 1 way				
E104	2132 TM	TONS 27 MILES 80				
R204	1ea	EA. 4 hrs PUMP CHARGE				
		Discounted TOTAL				9844.15
		PLUS TAX				

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OCT 21 2003

TREATMENT REPORT

ORIGINAL



OCT 22 2003

KCC WICHITA

Customer ID	CONFIDENTIAL	Date	8-23-03
Customer	MUREIN Drilling	Lease No.	
Lease	LOOMIS	Well #	2-12
Field Order #	6620	County	Finney
Station	LIBERAL	Casing	8 5/8
		Depth	194
		State	KS

Type Job	8 5/8 Surface (new well)	Formation		Legal Description	12-225-34W
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PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size	8 5/8	Tubing Size		Acid	475 SH A-CON	RATE	RELEASED
Depth	1914	Depth		Pre Pad	736 cc 1/4" cell	Max	FROM
Volume	119	From	To	Pad	100 SH Common	Min	CONFIDENTIAL
Max Press	1500	From	To	Frac	260 cc 1/4" cell	Avg	15 Min.
Well Connection	P.C.	From	To	Flush	WATER	HHP Used	Annulus Pressure
Plug Depth		From	To			Gas Volume	Total Load

Customer Representative	RODNEY FARR	Station Manager	DIRK MORRIS	Treater	SHAWN FREDERICK
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Service Units	108	38	72	35	57	70	30
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0900					ON LOCATION / RIG Pulling D.P.
0903					PRE JOB SAFETY MEETING
0908					RIG UP P.T.
0950					D.P. OUT OF HOLE / RIG UP CASERS
1010					START IN 1/4 CASING - F.E.
1140					CASING ON BOTTOM / Hook up P.C.
1150					BREAK Cir 1/4 RIG
1200					T THROUGH Cir - Hook lines to P.T.
1204	375		250	7	Pump 475 SAS A-CON @ 11.5"
1237	105		21	7	Pump 100 SH S Common @ 15"
1245					SHUT DOWN / Drop Plug
1248	0		119	7	Pump DISP
1304	653		(99 gone)	7	CMT TO PIT (20 BBLS)
1307	725		(109 gone)	2	SLOW RATE
1312	1100			2	LAND Plug
1313					Release FLOAT - HELD
1400					Job Complete

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ACIDIZING - FRACTURING - CEMENTING

RELEASED FROM

Invoice

CONFIDENTIAL

Bill to:		5873197	Invoice	Invoice Date	Order	Order Date
MURFIN DRILLING Box 288 Russell, KS 67605			308146	8/31/03	6934	8/30/03
Service Description						
Cement						
				Lease		Well
				Loomis		2-12
AFE	CustomerRep	Treater	Well Type	Purchase Order		Terms
	J. Esquivel	T. Seba	New Well			Net 30

**RECEIVED
 OCT 22 2003
 KCC WICHITA**

<u>ID.</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Price</u>
D205	AA2 (COMMON)	SK	190	\$13.19	\$2,506.10 (T)
D203	60/40 POZ (COMMON)	SK	25	\$7.84	\$196.00 (T)
C195	FLA-322	LB	144	\$7.50	\$1,080.00 (T)
C221	SALT (Fine)	GAL	1123	\$0.25	\$280.75 (T)
C243	DEFOAMER	LB	38	\$3.00	\$114.00 (T)
C321	GILSONITE	LB	951	\$0.60	\$570.60 (T)
F292	CEMENT SCRATCHERS ROTATING TYPE	EA	10	\$44.00	\$440.00 (T)
F101	TURBOLIZER, 5 1/2"	EA	10	\$71.00	\$710.00 (T)
F171	LATCH DOWN PLUG & BAFFLE, 5 1/2"	EA	1	\$250.00	\$250.00 (T)
F211	AUTO FILL FLOAT SHOE, 5 1/2"	EA	1	\$320.00	\$320.00 (T)
F800	THREADLOCK COMPOUND KIT	EA	1	\$30.00	\$30.00 (T)
C302	MUD FLUSH	GAL	500	\$0.75	\$375.00 (T)
E107	CEMENT SERVICE CHARGE	SK	215	\$1.50	\$322.50
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	75	\$3.25	\$243.75
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	761	\$1.30	\$989.30
R210	CASING CEMENT PUMPER, 4501-5000' 1ST 4 HRS ON LOC	EA	1	\$1,827.00	\$1,827.00
R701	CEMENT HEAD RENTAL	EA	1	\$250.00	\$250.00
R702	CASING SWIVEL RENTAL	EA	1	\$125.00	\$125.00

Sub Total: \$10,630.00

Discount: \$3,724.19

Discount Sub Total: \$6,905.81

Finney County & State Tax Rate: 6.05% Taxes: \$270.11

(T) Taxable Item

Total: \$7,175.92

PLEASE REMIT TO Acid Services, LLC, Dept No 1131 , Tulsa, OK 74182

Accounts become past due the last day of the month following billing. Interest rate 1.5% per month (18% per year) on past due accounts.

KCC

OCT 21 2003

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INVOICE NO.		Subject to Contract		FIELD ORDER		6934	
Date	8-30-03	Lease	Loomis	Well #	2-12	Legal	12-225-34W
Customer ID		County	FINNEY	State	Ks	Station	PRATT
MURFIN DRILLING Co.		Depth	15.5 1/4 FT	Formation		Shoe Joint	21.50 L.O. Baffle
RECEIVED		Casing	5 1/2	Casing Depth	4899'	TD	4900'
OCT 22 2003		Customer Representative	JAMES	Treater	T-SEBA	Job Type	5 1/2 L.S. NEW WELL

CHARGE

AFE Number PO Number **KCC WICHITA**

Materials Received by **X James D** **RELEASED**

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	CONFIDENTIAL	ACCOUNTING	AMOUNT
D-205	190 SKS	AA-2 (Common)	✓				
D-203	25 SKS	60/40 P02	✓				
C-195	144 lbs	FLA-322	✓				
C-221	1,123 lbs	SAIT	✓				
C-243	38 lbs	DEFOAMER	✓				
C-321	951 lbs	GILSONITE	✓				
F-292	10 EA	CMT SCRAPHER ROTARY TYPE	✓				
F-101	10 EA	Turbolizer 5/2	✓				
F-171	1 EA	L.O. PLUG Baffle "	✓				
F-211	1 EA	AUTO FILL FLOOR SHOE "	✓				
F-820	1 EA	THREADLOCK Compound	✓				
C-302	500 Gal	MuO Fluid	✓				
E-107	215 SKS	CMT SERV. CHARGE					
E-100	75 MI	UNITS 1WAY MILES 75					
E-104	761 TM	TONS MILES					
R-210	1 EA	EA. PUMP CHARGE					
R-701	1 EA	CMT HEAD RENTAL					
R-702	1 EA	CSG. SWIVEL RENTAL					
				DISCOUNTED PERMIT			6,905.81
				+ TAXES			

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TOTAL

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OCT 21 2003

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TREATMENT REPORT



Customer ID	CONFIDENTIAL	Date	CONFIDENTIAL
Customer	MURFIN DRILLING CO.		8-30-03
Lease	Loomps	Lease No.	Well # 2-12
Field Order #	6934	Station	PRATT
Casing	5 1/2	Depth	4899'
County	FINNEY	State	Ks
Type Job	5 1/2 L.S. NEW WELL	Formation	TD: 4900'
		Legal Description	12-225-34W

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	5 1/2	Tubing Size		Shots/Ft		Rate	Press	ISIP
Depth		Depth		From	To	Max		5 Min.
Volume		Volume		From	To	Min		10 Min.
Max Press		Max Press		From	To	Avg		15 Min.
Well Connection		Annulus Vol.		From	To	HHP Used		Annulus Pressure
Plug Depth		Packer Depth		From	To	Gas Volume		Total Load

Fluid Used: 190 SKS AA-2
 Pre Pad: 10% SALT .8% PLA-3
 Pad: 14.8 #/GAL 1.49 FT³
 Frac: 25 SKS 60/40 PCL
 R-M Holes
 Flush: 12 Bbls Mud Plus H

Customer Representative	JAMES	Station Manager	D. AUREY	Treater	T. SEBA
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Service Units	114	27	44	75				
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
14:30					RECEIVED
19:30					OCT 22 2003
					KCO WICHITA
24:20					AFU P-SHOE: L.R. 1-JT = 21.50'
24:37					CENT 1-3-5-7-9-11-13-15-17-FI
1:15	300		25	6	CSG ON BOTTOM: DROP BALL
			12		Hook up: BREAK CIRC W/LEFG
			5		START PUMPING PROPLUSHES
			50.42		25 Bbls 20% KCL
					12 Bbls Mud Plus H
					5 Bbls H ₂ O
2:11			10		START MAX PUMP 190 SKS @ 14.8 #/GAL
2:13	200			6	SHUT DOWN RELEASE PLUG CLOSE PUMP: LINES
	600		93	4	START OESP
2:30	1500		116		LIFT CNT
2:31					Plug DOWN
					Release: HELD
			25 SKS 60/40 PCL	2	PLUG R-M HOLES
					ROTARY PUMPING JOB: 6000 CIRC THRU JOB
3:30					JOB COMPLETE
					THANKS TOM

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RELEASED
FROM
CONFIDENTIAL

ACIDIZING - FRACTURING - CEMENTING

Invoice

Bill to:	5873197
MURFIN DRILLING	RECEIVED
Box 288	OCT 22 2003
Russell, KS 67605	KCC WICHITA
AFE	CustomerRep
	R. Farr
Treater	S. Frederick

Invoice	Invoice Date	Order	Order Date
308135	8/31/03	6618	8/21/03
Service Description			
Cement			
Lease		Well	
Loomis		2-12	
Well Type	Purchase Order	Terms	
New Well		Net 30	

ID.	Description	UOM	Quantity	Unit Price	Price
D200	COMMON	SK	300	\$10.39	\$3,117.00 (T)
C310	CALCIUM CHLORIDE	LBS	846	\$0.75	\$634.50 (T)
C320	CEMENT GELL	LB	564	\$0.25	\$141.00 (T)
C194	CELLFLAKE	LB	71	\$2.00	\$142.00 (T)
F126	BASKET, 13 3/8"	EA	1	\$335.00	\$335.00 (T)
E107	CEMENT SERVICE CHARGE	SK	400	\$1.50	\$600.00
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	75	\$3.25	\$243.75
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	1410	\$1.30	\$1,833.00
R300	CEMENT PUMPER, 0-300' 1ST 4 HRS ON LOC	EA	1	\$662.00	\$662.00

Sub Total:	\$7,708.25
Discount:	\$2,697.89
Discount Sub Total:	\$5,010.36
Finney County & State Tax Rate: 6.05%	Taxes: \$171.83
<i>(T) Taxable Item</i>	Total: \$5,182.19

PLEASE REMIT TO Acid Services, LLC, Dept No 1131 , Tulsa, OK 74182

Accounts become past due the last day of the month following billing. Interest rate 1.5% per month (18% per year) on past due accounts.



CONFIDENTIAL

ORIGINAL

FIELD ORDER

6618

INVOICE NO.	Subject to Correction		
Date: 8-21-03	Lease: Loomis	Well #: 2-12	Legal: 12-225-34W
Customer ID	County: Finney	State: KS	Station: LIBERAL
Murfin Drilling		Depth: _____	Formation: RELEASED
Casing: 13 3/8	Casing Depth: 225	TD: FROM	Job Type: 12 3/8 CONDUCTOR NEW WELL
Customer Representative: RODNEY FARR		Shawn FREDERICK	

CHARGE

AFE Number	PO Number	Materials Received by: X Rodney Farr
------------	-----------	--------------------------------------

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D200	300sk	Common	✓	KCC		
				OCT 21 2003		
C370	846	CALCIUM CHLORIDE	✓			
C370	564	CEMENT GEL	✓	CONFIDENTIAL		
C194	71	CELL FLAKE	✓			
F126	lea	BASKET 13 3/8	✓			
		CMT HAD 3% CC				
		1/4# CELL FLAKE				
		2% GEL				
		Mixed @ 15#				
		RECEIVED				
		OCT 22 2003				
		KCC WICHITA				
E107	400sk	CMT SERVICE Charge				
E100	75mi	UNITS 1 MILES 1 way				
E104	1410tm	TONS 19 MILES 75				
R300	lea	EA. 4hrs PUMP CHARGE				
		Discounted TOTAL PLUS TAX				5010.36

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CONFIDENTIAL

KCC
OCT 21 2003

TREATMENT REPORT

ORIGINAL



Customer ID CONFIDENTIAL	Date 8-21-03	
Customer Martin	Lease No.	
Lease Loomis	Well #	

Field Order # 2018	Station LIBERAL	Casing 13 3/8	Depth 225	County FRANKLIN	State KS
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Type Job 13 3/8 Lost Circ. Surface new well	Formation	Legal Description FR 225D 346
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PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size	Tubing Size	Shots/Ft		Acid?	RATE	PRESS	ISIP
13 3/8				250 SLS A-CON			5 Min.
Depth 225	Depth	From	To	Pre Pad 3% CC - 2% GEL	Max		
Volume 33	Volume	From	To	Pad 1/4" CELLFLAKE	Min		10 Min.
Max Press 500	Max Press	From	To	Free 50 SLS TOP OUT	Avg		15 Min.
Well Connection 13 3/8 Sledge	Annulus Vol.	From	To	Flush WATER	HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To		Gas Volume		Total Load

Customer Representative RODNEY FARR	Station Manager Dirk MORRIS	Treater Shawn FREDERICK
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Service Units	108	38	72	35	57
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1820					ON LOCATION
1823					RECEIVED
1830					OCT 22 2003
2015					Rig up P.T
2030					Rig up CASERS
2147					START IN with CASING / F.E.
2155					CASING ON BOTTOM / Hook up Sledge
2205					BREAK CIR with Rig - No cir
2210	Ø		60.5	3	Through Pumping mud - Hook lines to P.F.
					Pump 250 SLS Common w/ 3% CC - 1/4" CELLFLAKE - 2% GEL @ 15"
2236	Ø		33	3	Pump DISP
2245					SHUT DOWN - NO CIR - SHUT IN
					WAIT 2hrs
0037	Ø		12	2	Pump 25 SLS Common w/ 3% CC - 1/4" CELLFLAKE - 2% GEL @ 12.6"
0045					CMT TO SURFACE - fell BACK - WAIT 15min
0100	Ø		12	2	Pump 25 SLS @ 12.6"
0110					CMT TO SURFACE - WATCH 1 hr
0210					CMT STAYED in CELLAR
0230					JOB Complete

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