

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

CONFIDENTIAL

Operator: License # 32433
 Name: ONSHORE, LLC
 Address: 200 East First - Suite 301
 City/State/Zip: Wichita, Kansas 67202
 Purchaser: _____
 Operator Contact Person: John Kelley
 Phone: (316) 262-3413
 Contractor: Name: Duke Drilling Co., Inc. KCC
 License: 5929
 Wellsite Geologist: Tim Pierce
 Designate Type of Completion:
 New Well Re-Entry Workover
 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: _____
 Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr/SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____
08-18-03 08-24-03 9/10/03
 Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 077-21464-00-00
 County: Harper County, Kansas
C SW SW Sec. 4 Twp. 31 S. R. 8 East West
660 feet from S / N (circle one) Line of Section
660 feet from E / W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Freeland Well #: 2
 Field Name: Spivey-Grabs-Basil
 Producing Formation: Miss
 Elevation: Ground: 1690' Kelly Bushing: 1698'
 Total Depth: 4550' Plug Back Total Depth: _____
 Amount of Surface Pipe Set and Cemented at 222 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.

SEP 23 2003

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Drilling Fluid Management Plan ALT I WITH 2-13-07
 (Data must be collected from the Reserve Pit)
 Chloride content _____ ppm Fluid volume _____ bbls
 Dewatering method used _____
 Location of fluid disposal if hauled offsite: **RECEIVED**
 KANSAS CORPORATION COMMISSION
 Operator Name: _____ **SEP 23 2003**
 Lease Name: _____ License No.: _____
 Quarter _____ Sec. _____ Twp. _____ S. R. **CONSERVATION DIVISION**
 WICHITA, KS
 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 of 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: owner/operator Date: 9/23/03
 Subscribed and sworn to before me this 23 day of September,
2003.
 Notary Public: Mary F. Combs
 Date Commission Expires: 8/25/2004 (1102)

KCC Office Use ONLY
 Letter of Confidentiality Attached
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

MARY F. COMBS
 Notary Public - State of Kansas
 My Appt. Exp. 8/25/2004

✓

X

Operator Name: **ONSHORE, LLC** Lease Name: **FREELAND** Well #: **2**
 Sec. **4** Twp. **31** S. R. **8** East West County: **Harper County, Kansas**

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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy)

Log Formation (Top), Depth, and Datum Sample
 Name Top Datum
 Miss 4440" (±2742')

List All E. Logs Run:
 Dual Induction
 Compensated Neutron/Density
 Dual Receiver Cement Bond

CASING RECORD <input checked="" type="checkbox"/> New <input 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	# Sacs Used	Type and Percent Additives
Surface	12-1/4"	8-5/8"	24#	222'	60/40 poz	190	3%cc 2%gel
Production	7-7/8"	4-1/2"	10.5#	4547'	Premium	150	10%salt

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				
<input type="checkbox"/> Plug Off Zone				

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
20	4440' - 4450'		
2	4456' - 4462'		

TUBING RECORD
 Size **2-3/8"** Set At **4458"** Packer At **none** Liner Run Yes No

Date of First, Resumerd Production, SWD or Enhr. **9/17/03**
 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours
 Oil Bbls. **testing** Gas Mcf **200/mcf** Water ? Bbls. ? 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, Sumit ACO-18.) Other (Specify) _____



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ORIGINAL

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

SALES & SERVICE OFFICE:
 10244 NE Hiway 61
 P.O. Box 8613
 Pratt, KS 67124-8613
 (620) 672-1201
 (620) 672-5383 FAX

SALES & SERVICE OFFICE:
 1700 S. Country Estates Rd.
 P.O. Box 129
 Liberal, KS 67905-0129
 (620) 624-2277
 (620) 624-2280 FAX

KCC

SEP 23 2003

Invoice

Bill to: Onshore LLC 200 E. 1st, Suite 301 Wichita, KS 67202 RECEIVED KANSAS CORPORATION COMMISSION SEP 23 2003 CONSERVATION DIVISION	6455000	Invoice	Invoice Date	Order	Order Date
		309032	9/12/03	6971	9/5/03
	Service Description				
	Fracture				
			Lease	Well	
			Freeland	2	
AFE	CustomerRep	Treater	Well Type	Purchase Order	Terms
	D. Pauly	M. Flemming	New Well		Net 30

<u>ID.</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Price</u>
C200	A-GEL	LB	850	\$5.25	\$4,462.50
C120	BIO-1, BIOCID	LB	2	\$62.00	\$124.00
C163	HPH ENZYME BREAKER	GAL	3	\$115.00	\$345.00
C141	CC-1, KCL SUBSTITUTE	GAL	33	\$40.00	\$1,320.00
C230	S-1, FLUOROSURFACTANT	GAL	33	\$32.50	\$1,072.50
C233	NE-1, NON-EMULSIFIER	GAL	17	\$33.50	\$569.50
C160	BXL-W, CROSSLINKER (WINTERIZED)	GAL	40	\$40.00	\$1,600.00
P300	ACME ACTIVATOR, 55 GAL DRUM	GAL	32	\$55.00	\$1,760.00
P100	100 MESH SAND	CWT	60	\$13.40	\$804.00
P103	20/40 BRADY SAND	CWT	165	\$11.90	\$1,963.50
P105	12/20 BRADY SAND	CWT	165	\$13.20	\$2,178.00
P200	ACFRAC CR-4000 20/40	CWT	50	\$47.00	\$2,350.00
P400	20/40 MESH OR SMALLER PROP PUMP CHARGE	CWT	225	\$0.40	\$90.00
P401	16/30 MESH OR LARGER PROP PUMP CHARGE	CWT	215	\$1.14	\$245.10
P500	0.1-4.0 PPG PROP CONCENTRATION CHARGE	GAL	22333	\$0.02	\$446.66
E800	FRAC DATA VAN	EA	1	\$800.00	\$800.00
E704	DENSIOMETER, PER JOB	EA	1	\$500.00	\$500.00
B20	BLENDER, 11-20 BPM, EA 2 HRS. OR FRACTION THEREOF	EA	1	\$2,200.00	\$2,200.00
E601	CHEMICAL INJECTOR/FOAM INJECTOR PUMP, PER JOB	EA	1	\$300.00	\$300.00
E101	CAR, PICKUP OR VAN MILEAGE - 1 WAY	MI	45	\$2.00	\$90.00
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	180	\$3.25	\$585.00

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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E104	PROPPANT / BULK DELIV SERVICES/TON TM MILE, \$200 MIN	990	\$1.30	\$1,287.00
E400	TC1000 FRAC PUMP, EACH 2 HRS OF FRACTION THEREOF	EA	1	\$3,350.00

Sub Total: \$28,442.76

Discount: \$8,475.08

Discount Sub Total: \$19,967.68

Harper County & State Tax Rate: 5.30% Taxes: \$0.00

(T) Taxable Item

Total: \$19,967.68

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CONSERVATION DIVISION
 WICHITA, KS

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

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SEP 23 2003

ORIGINAL



INVOICE NO.		Subject to Correction		FIELD ORDER		6971	
Date	9-5-03	Lease	Free land	Well #	2	Legal	4-31 ^S -94
Customer ID		County	Harper	State	Ks	Station	PRATT
Onshore LLC		Depth	4499	Formation	MISS	Shoe Joint	
Casing	4 1/2	Casing Depth	4499	TD	4499	Job Type	Frac NW
Customer Representative				Treater			
Dave Pauly				Martin Flemming			
AFE Number		PO Number		Materials Received by			
				X <i>[Signature]</i>			

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
C200	850	lbs A-Gel	✓			
C120	2	lbs Bio-1	✓			
C143	3	gal HPH	✓			
C141	33	gal CC-1	✓			
C230	33	gal S-1	✓			
C233	17	gal NE-1	✓			
C166	40	gal BXL-W	✓			
P300	32	gal ALME ACTUATOR	✓			
P100	60	cwt 100MESH SAND	✓			
P103	165	cwt 20/40 BRADY SAND	✓			
P105	165	cwt 12/20 BRADY SAND	✓			
P200	50	cwt ALFAL CR 4000 12/20	✓			
P400	225	cwt 20/40 MESH OR SMALLER PPC				
P401	215	cwt 10/30 MESH OR LARGER PPC				
P500	22333	gal 0.1-4.0 ppg Prop Con. Charge				
E2800	1 Eq	Comp Tech Data Van				
E2704	1 Eq	Densimeter				
B20	1 Eq	Blender 11-20 BLM				
E601	1 Eq	Chem inj Pump				
E101	45 mi	on Van				
E100	180 mi	UNITS 4 MILES 45				
E104	990 TM	TONS 22 MILES 45				
E400	1	EA. TC1000 PUMP CHARGE				
		PRICE		19,967.68		
		+ Tax				

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CONSERVATION DIVISION
WICHITA, KS

10244 NE Hiway 61 - P.O. Box 8613 - Pratt, KS 67124-8613 - Phone (620) 672-1201 - Fax (620) 672-5383 TOTAL



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TREATMENT REPORT

ORIGINAL

Field Order # 6971	Station Pratt	Casing	Depth	Customer ID	Date 9-5-03
Type Job ProFrac 25 NW	Formation Miss	Legal Description 4-315-94	Customer Onshore LLC	Lease No.	Well # 2
			Lease Free land	County Harper	State KS

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 4 1/2	Tubing Size N/A	Shots/Ft		Acid	RATE	PRESS	ISIP	
Depth 4499	Depth	From 4440	To 50	Pre Pad	Max 15	1000	5 Min. 620	347
Volume 71 BL	Volume	From	To	Pad 11000 gal Pro 25	Min 13.8	550	10 Min. 185	
Max Press 2000	Max Press	From	To	Frac 16700 gal Pro 25	Avg 14.5	650	15 Min. 75	
Well Connection	Annulus Vol.	From	To	Flush 3000 gal Hyd 25	HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To		Gas Volume		Total Load 701 BL	

Customer Representative Dove Pauly	Station Manager D Aury	Treater MCF
---------------------------------------	---------------------------	----------------

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0830					0620 ON LOC Set up Hold Safety Meeting Test Line Rig Swabbing
0911					Rig Pulled Last Swab
0920					Hook up Iron To Wall
0925	2500				Test Line
0926	0			11	START 4000 gal Pad
0931	610		72	14.2	Hole Loaded
0933	550		95	14.2	START 6000 gal w/ 1 1/2 gal 100 Mesh
0943	660		245	14.2	START 1000 gal Pad
0945	745		269	14.2	START 3000 gal w/ 1 1/2 gal 20/40 Sand
0950	700		340	14.6	1 1/2 gal 20/40 on Bottom
0950	720		344	14.6	START 3000 gal w/ 2 1/2 gal 20/40
0955	640		425	14.6	2 1/2 gal 20/40 on Bottom
0956	630		422	14.5	START 3000 gal w/ 2 1/2 gal 20/40
1001	670		493	14.5	2 1/2 gal 20/40 on Bottom
1001	650		502	14.5	START 3000 gal w/ 2 1/2 gal 12/20
1006	760		573	14.5	2 1/2 gal 12/20 on Bottom
1007	715		582	14.5	START 3000 gal w/ 3 gal 12/20
1012	710		653	14.5	3 gal 12/20 on Bottom

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ACID

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SEP 23 2003

ORIGINAL

TREATMENT REPORT

Customer ID CONFIDENTIAL	Date
Customer <i>Onshore LLC</i>	<i>9-5-03</i>
Lease <i>Freeland</i>	Lease No. Well # <i>2</i>

Field Order # <i>6971</i>	Station <i>PRATT</i>	Casing	Depth	County <i>Happen</i>	State <i>Ks</i>
Type Job			Formation	Legal Description	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
Depth	Depth	From	To	Pre Pad		Max		5 Min.
Volume	Volume	From	To	Pad		Min		10 Min.
Max Press	Max Press	From	To	Frac		Avg		15 Min.
Well Connection	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush		Gas Volume		Total Load

Customer Representative	Station Manager	Treater
-------------------------	-----------------	---------

Service Units					Service Log
Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	
<i>1012</i>	<i>710</i>		<i>653</i>	<i>14.5</i>	<i>START 1700gal w/ 3#/gal 12/20 Ac/Frac</i>
<i>1015</i>	<i>760</i>		<i>700</i>	<i>14.5</i>	<i>START 3000gal Flush</i>
<i>1020</i>	<i>930</i>		<i>772</i>	<i>14.5</i>	<i>Flush in</i>
<i>1020</i>	<i>620</i>				<i>ISIP</i>

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 KANSAS CORPORATION COMMISSION
SEP 23 2003
 CONSERVATION DIVISION
 WICHITA, KS

Thank You!



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SALES OFFICE:
105 S. Broadway
Suite #420
Wichita KS 67202
(316) 262-3699
(316) 262-5799 FAX

SALES & SERVICE OFFICE:
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(316) 672-5383 FAX

ACIDIZING · FRACTURING · CEMENTING

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SEP 23 2003

CONFIDENTIAL

Company: ONSHORE, LLC
Lease: FREELAND #2
Fluid Type: PROFRAL 2.5
Date: 9-5-03

Ticket # - 6971
Tank - CLARKE

Tank 1: P.H.: 7.0 S.G.: 1.0 Iron: 0.0 Temp: 69.3° Color: CLEAR X-Link: GOOD

Tank 2: P.H.: 7.2 S.G.: 1.0 Iron: 0.0 Temp: 69.8° Color: CLEAR X-Link: GOOD

Tank 3: P.H.: _____ S.G.: _____ Iron: _____ Temp: _____ Color: _____ X-Link: _____

Tank 4: P.H.: _____ S.G.: _____ Iron: _____ Temp: _____ Color: _____ X-Link: _____

Tank 5: P.H.: _____ S.G.: _____ Iron: _____ Temp: _____ Color: _____ X-Link: _____

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SEP 23 2003

CONSERVATION DIVISION
WICHITA, KS

KCC

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Prepared by: ACID SERVICES

Company Name: Onshore LLC

Well Name: Freeland #2

Field:

Formation: Mississippi

County: Harper 4-31s-9w

State: Ks.

Job Date: 09/05/03

Comments:

Fluids: ProFrac 25

Proppants: 165sks 20/40 165sks 12/20 50sks12/20Ac

Average Rate: 14.5

Average STP: 650

Tubing:

Casing: 4 1/2"

Packer:

Filename: 6971

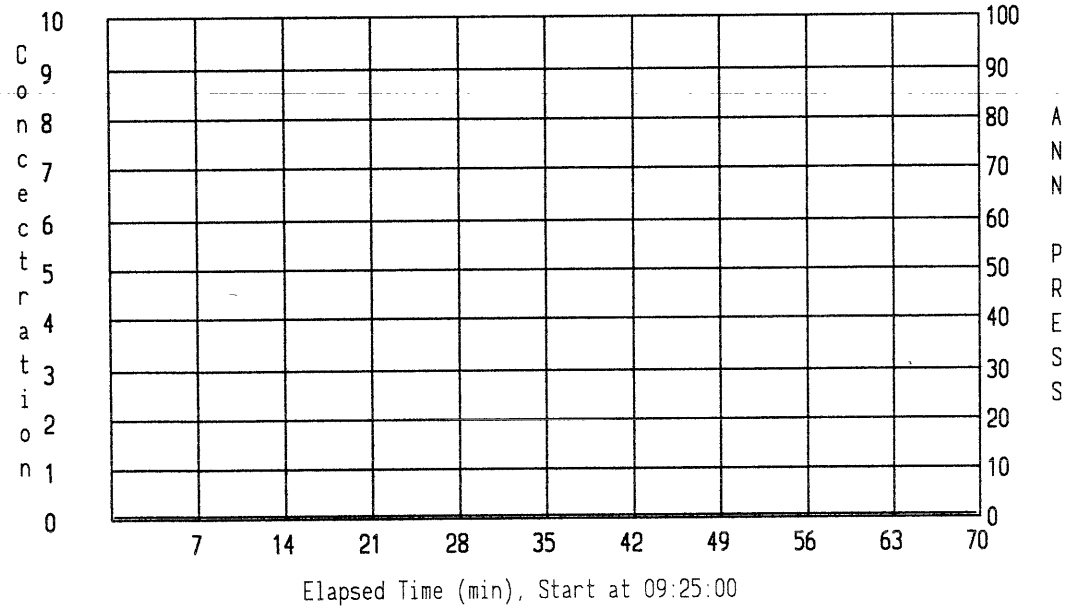
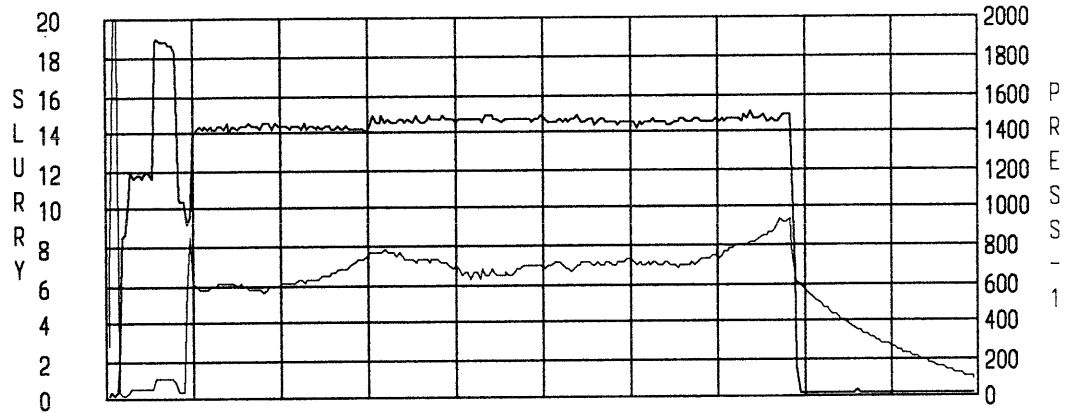
Closure Pres: 4000

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CONSERVATION DIVISION
WICHITA, KS

LINEAR PLOT





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SEP 23 2003

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Wichita KS 67202
(316) 262-3699
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SALES & SERVICE OFFICE:
1700 S. Country Estates Rd.
P.O. Box 129
Liberal, KS 67905-0129
(620) 624-2277
(620) 624-2280 FAX

Invoice

Bill to:		6455000	Invoice	Invoice Date	Order	Order Date
Onshore LLC			309031	9/12/03	6751	9/4/03
200 E. 1st, Suite 301			Service Description			
Wichita, KS 67202			Acidize			
			Lease		Well	
			Freeland		2	
AFE	CustomerRep	Treater	Well Type	Purchase Order	Terms	
	D. Pauly	DJ Brown	New Well		Net 30	

<u>ID.</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Price</u>
A304	7 1/2% HCL, PRATT	GAL	1500	\$1.15	\$1,725.00
A311	NE ACID CONVERSION	GAL	1500	\$0.12	\$180.00
A312	FE ACID CONVERSION	GAL	1500	\$0.25	\$375.00
C110	AHIB-1 EP, ACID INHIBITOR EXTRA PROTECTION	GAL	3	\$41.50	\$124.50
C141	CC-1, KCL SUBSTITUTE	GAL	6	\$40.00	\$240.00
C170	BALL SEALERS, 7/8" 1.3 SP. GR.	EA	50	\$2.25	\$112.50
E701	BALL INJECTOR	EA	1	\$275.00	\$275.00
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	45	\$3.25	\$146.25
E200	ACID PUMP SERVICE, 0-3000 PSI, 1ST 2 HRS ON LOC	EA	1	\$700.00	\$700.00

Sub Total: \$3,878.25

Discount: \$969.56

Discount Sub Total: \$2,908.69

Harper County & State Tax Rate: 5.30% Taxes: \$0.00

(T) Taxable Item

Total: \$2,908.69

RECEIVED
KANSAS CORPORATION COMMISSION

SEP 23 2003

CONSERVATION DIVISION
WICHITA, KS

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

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ORIGINAL

SEP 23 2003



INVOICE NO.	Subject to Correction			FIELD ORDER 6751	
Date 9-4-03	Lease Freekend	Well # 2	Legal Sec 4-31s-9w		
Customer ID	County Harper	State KS	Station Pratt		
CHARGE	Depth 4440-4462	Formation Mississippi	Shoe Joint		
	Casing 4 1/2	Casing Depth	TD 4499	Job Type Acidize new well	
Customer Representative Dave Pauly		Treater DJ Brown			

AFE Number	PO Number	Materials Received by X <i>[Signature]</i>
------------	-----------	--

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
A304	1500	7 1/2% 0.0000 Hcl Pratt	✓			
A311	1500	NE Conversion	✓			
A312	1500	FE Conversion	✓			
C110	3	Ahib-1	✓			
C141	6	CC-1	✓			
C170	50	Ball Sealers	✓			
E701	1	Ball Injector				
E100	45	UNITS 1 MILES 45				
E200	1	EA. 0-3000 PUMP CHARGE				
		Discounted price + TAX		\$ 2908 69		

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 WICHITA, KS

10244 NE Hiway 61 · P.O. Box 8613 · Pratt, KS 67124-8613 · Phone (620) 672-1201 · Fax (620) 672-5383 TOTAL

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SEP 23 2003

ORIGINAL
TREATMENT REPORT



CONFIDENTIAL

Customer ID	Date
Customer Onshore LLC	9-4-03
Lease Freeland	Lease No.
	Well # 2

Field Order # 6251	Station Pratt	Casing 4 1/2	Depth	County Harper	State KS
Type Job Acidize New well			Formation Mississippi	Legal Description Sec. 4-31s-9w	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 4 1/2	Tubing Size NA	Shots/Ft 2		Acid 1500 7 1/2% NEFE		RATE	PRESS	ISIP
Depth	Depth	From 4440	To 4450	Pre Pad		Max 5.0	700	5 Min. 100
Volume 21.5	Volume	From 4456	To 4462	Pad		Min 1.3	300	10 Min.
Max Press	Max Press	From	To	Frac		Avg 4	350	15 Min.
Well Connection CSG	Annulus Vol.	From	To	50 Balls		HHP Used		Annulus Pressure
Plug Depth 4499	Packer Depth NA	From	To	Flush 872 Bbl Treated Water		Gas Volume		Total Load 109

Customer Representative Dave Pauly	Station Manager Dave Autry	Treater D.J. Brown
---------------------------------------	-------------------------------	-----------------------

Service Units: 116 25 32-56

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Notes
16:35	0		0	5.2	on location 3:00 Service Log Hold safety meeting
16:37	0		0	5.2	START Acid down CSG
16:43	0		37	5.2	START BALLS
16:48	0		65	5.2	Acid + BALLS in START FLUX
16:50	500		72		slow rate
16:53	700		72.5	1.3	Hole up in - Loaded & pressure up
16:54	400		73	1	Breaking & Feeding
16:55	300		74	2.1	increase rate
16:55 1/2	300		75	3.2	" "
16:56	300		78	4.1	" "
16:57	340		81	5.0	" "
16:57 1/2	300		84	5.0	Balls to perfs
17:02 1/2	330		109	5.0	Stop - Flushed
					ISIP - 100 psi

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SEP 23 2003

CONSERVATION DIVISION
WICHITA, KS

Prepared by: Acid Services

Company Name: Onshore, LLC

Well Name: Freeland #2

Field:

Formation: Mississippi

County: Harper

State: Kansas

Job Date: 09/04/03

Comments: Acidize new well

Fluids: 1500 7 1/2% NEFE

Proppants: 50 Ball Sealers

Average Rate: 5.0 bpm

Average STP: 330 psi

Tubing: NA

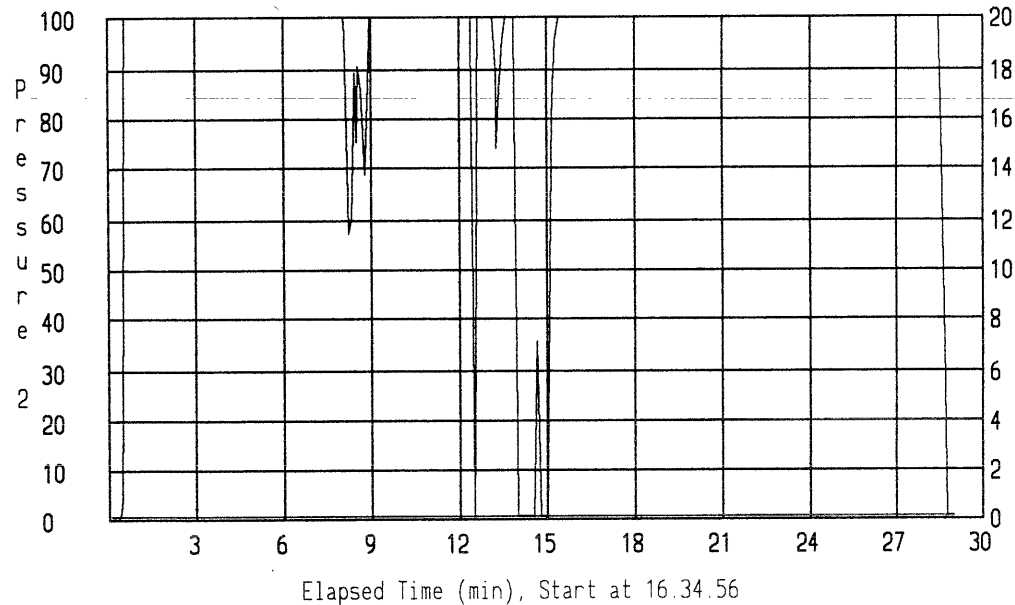
Casing: 4 1/2

Packer: NA

Filename: 6751

Closure Pres: 4000

LINEAR PLOT



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7000
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ACIDIZING - FRACTURING - CEMENTING

Invoice

Bill To		Invoice #	Date	Order	Order Date
Onshore, LLC 200E. 1st, Suite 301 Wichita, KS 67202		308110	8/28/2003	7006	8/25/2003
		<i>Project</i>			
		Cement <i>4/s</i>			
		<i>Lease Name</i>			
		Freeland 2			
Customer Rep.		Treater	Well Type	Terms	
D. Pauly		KG	New	Net 30	
ID	Quantity	Description	Unit Price	Amount	
D100	150	PREMIUM CEMENT	12.44	1,866.00T	
D203	25	60/40 POZ (COMMON)	7.84	196.00T	
C195	71	FLA-322	7.50	532.50T	
C221	676	SALT (Fine)	0.25	169.00T	
C243	36	DEFOAMER	3.00	108.00T	
C321	750	GILSONITE	0.60	450.00T	
C221	500	SALT (Fine)	0.25	125.00T	
C302	500	MUD FLUSH	0.75	375.00T	
F100	10	TURBOLIZER, 4 1/2"	67.00	670.00T	
F170	1	LATCH DOWN PLUG & BAFFLE, 4 1/2"	230.00	230.00T	
F210	1	AUTO FILL FLOAT SHOE, 4 1/2"	250.00	250.00T	
F290	10	CEMENT SCRATCHERS CABLE TYPE, 4 1/2"	44.00	440.00T	
DISC		DISCOUNT - TAXABLE ITEMS	-1,623.60	-1,623.60T	
E107	175	CEMENT SERVICE CHARGE	1.50	262.50	
E100	45	HEAVY VEHICLE MILEAGE - 1 WAY	3.25	146.25	
E104	367	PROPPANT/BULK DELIV. SERVICE/TON MILE, \$200 MIN.	1.30	477.10	
R210	1	CASING CEMENT PUMPER, 4,501 - 5,000' 1ST 4 HRS. ON LOC.	1,827.00	1,827.00	
R701	1	CEMENT HEAD RENTAL	250.00	250.00	
DISC-NON		DISCOUNT NON-TAXABLE ITEMS	-888.93	-888.93	
			RECEIVED KANSAS CORPORATION COMMISSION SEP 23 2003 CONSERVATION DIVISION WICHITA, KS		
			Subtotal	\$5,861.82	
			<i>Harper County & State Sales Tax (5.3%)</i>	\$200.76	
			Total	\$6,062.58	

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

ZEMPA - S to KEYSTONE CORNER - 2W - 1/4N - E into



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INVOICE NO.

FIELD ORDER

ORIGINAL

7006

Date: 8-25-03	Lease: FREELAND	Well #: 2	Legal: 4-31-9
Customer ID	County: HARPER	State: KS.	Station: PRATT, KS.
Depth	Formation	Shoe Joint: 38'	
Casing: 4 1/2	Casing Depth: 4549'	TD: 4550'	Job Type: LOWESTRONG - NW
Customer Representative: D. BAULY		Treater: K. GORDLEY	

CHARGE

ONSHORE LLC

KCC

SEP 23 2003

AFE Number	PO Number	Materials Received by: X <i>Don Pany</i>
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Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D100	150 SK	PREMIUM CEMENT			✓	
D203	25 SK	60/40 PZ CEMENT			✓	
C195	71 lb	FLA-322			✓	
C221	676 lb	SALT			✓	
C243	30 lb	DEFOAMER			✓	
C321	750 lb	GROSONITE			✓	
C221	500 lb	SALT			✓	
C302	500 gal	MUD FLUSH			✓	
F100	10 EA.	4 1/2 TURBOLIZER			✓	
F170	1 EA.	4 1/2 LATCH DOWN PUL. & BAFFLE			✓	
F210	1 EA.	4 1/2 AFU FLOAT SHOE			✓	
F290	10 EA.	4 1/2 SCRATCHER			✓	
E107	175 SK.	CEMENT SERV. CHARGE				
E100	45 mile	UNITS MILES				
E104	367 TON	TONS MILES				
R210	1 EA.	EA. PUMP CHARGE				
R701	1 EA.	CEMENT HEAD RENTAL				
<i>PRICE</i>				=	5861.82	

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TREATMENT REPORT



Customer ID	Date
Customer ONSHORE LLC	8-25-03
Lease FREELAND	Lease No.
	Well # 2
Field Order # 7006	Station Pratt, KS
Casing 4 1/2	Depth 4549
County HARPER	State KS
Type Job LOWESTRONG - NW	Formation TD-4550
	Legal Description 4-31-9

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 4 1/2	Tubing Size	Shots/Ft 15.35		Fluid 150 SK Premium	RATE	PRESS	ISIP	
Depth 4549	Depth	From To 1.30		Fluid 10% SACT, 5# AK	Max		5 Min.	
Volume	Volume	From To 5.40		Fluid BISONITE, 1/2%	Min		10 Min.	
Max Press	Max Press	From	To	Fluid FLA-322, 1/4% DEFOAMER	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth 4511'	Packer Depth	From	To	Fluid 25 SK 60/40 POZ	Gas Volume		Total Load	

Customer Representative **D. Rauch** Station Manager **J. AUSTIN** Treater **K. GORDLEY**

Service Units	107	27	32	70
---------------	------------	-----------	-----------	-----------

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0130					ON LOCATION
0330					RECEIVED KANSAS CORPORATION COMMISSION SEP 23 2003 CONSERVATION DIVISION WICHITA, KS
					RUN 4541' 4 1/2 CASING.
					RUN FLOAT SHOE, L.D. BAFFLE.
					CENT. - 1-2-4-6-8-10-12-14-16-18
					RECIP. SCRATCHER - 2-3-4
					TMC BOTTOM - DROP BIT - BREAK CORE
					RECIPROCATING CASING
0600	250		24	6	PUMP 24 bbl SACT FLUSH
	250		3	6	PUMP 3 bbl H2O SPACER
	250		12	6	PUMP 12 bbl MUD FLUSH
	250		3	6	PUMP 3 bbl H2O SPACER
	200		34	6	MIX CEMENT - 150 SK PREMIUM
					10% SACT, 5# AK BISONITE,
					1/2% FLA-322, 1/4% DEFOAMER
					STOP - WASH LINE - DROP PLUG
	0		0	7	START DESP
	200		58	7	LIFT CEMENT
	550		65	4	SLOW RATE
0630	1100		71 3/4	4	PLUG DOWN - RELEASE - HEAD
					PLUG, RH & MH - 25 SK 60/40 POZ
0700					JOB COMPLETE - THANKS - KEVIN

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ACIDIZING - FRACTURING - CEMENTING

Invoice

Bill to:		6455000	Invoice	Invoice Date	Order	Order Date
Onshore LLC 200 E. 1st, Suite 301 Wichita, KS 67202			308077	8/22/03	6926	8/18/03
			Service Description			
			Cement SURFACE CSG			
			Lease		Well	
			Freeland		2	
AFE	CustomerRep	Treater	Well Type	Purchase Order	Terms	
	J. Arbruster	T. Seba	New Well		Net 30	

<u>ID.</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Price</u>
D203	60/40 POZ (COMMON)	SK	190	\$7.84	\$1,489.60 (T)
C310	CALCIUM CHLORIDE	LBS	492	\$0.75	\$369.00 (T)
C194	CELLFLAKE	LB	41	\$2.00	\$82.00 (T)
F163	WOODEN CEMENT PLUG, 8 5/8"	EA	1	\$85.00	\$85.00 (T)
E107	CEMENT SERVICE CHARGE	SK	190	\$1.50	\$285.00
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	45	\$3.25	\$146.25
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	369	\$1.30	\$479.70
R200	CASING CEMENT PUMPER, 0-300' 1ST 4 HRS ON LOC.	EA	1	\$662.00	\$662.00
R701	CEMENT HEAD RENTAL	EA	1	\$250.00	\$250.00

Sub Total:	\$3,848.55
Discount:	\$1,270.02
Discount Sub Total:	\$2,578.53
Tax Rate: 5.30%	Taxes: \$71.93
(T) Taxable Item	Total: \$2,650.46

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 WICHITA, KS

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ORIGINAL



INVOICE NO.		Subject to Correction		FIELD ORDER		6926	
Date	8-18-03	Lease	FREELAND	Well #	2	Legal	4-315-9W
Customer ID		County	HARPER	State	Ks	Station	PRATT
ONSORE L.L.C.		Depth	24'	Formation		Shoe Jointly	15' CUSTOMER REQ
Casing	8 5/8	Casing Depth	222.70	TD	224	Job Type	8 5/8 SURFACE NEW WELL
Customer Representative				Treater			
John Ambuster				T. SEBA			

AFE Number _____ PO Number _____

Materials Received by **X** *John Ambuster*

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D-203	190 SKS	6040 Poz	✓			
C-310	492 lbs	CALCIUM CHLORIDE	✓			
C-194	41 lbs	CELLULOSE	✓			
F-163	1 EA	WOODEN PLUG 2 5/8	✓			
					RECEIVED	
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					SEP 23 2003	
					CONSERVATION DIVISION	
					WICHITA, KS	
E-107	190 SKS	CMT SERV. CHARGE				
E-100	45 MF	UNITS 1 WAY MILES 45				
E-104	369 TM	TONS MILES				
R-200	1 EA	EA. 222.70 PUMP CHARGE				
R-701	1 EA	CMT HEAD RENTAL				
DISCOUNTED PRICE =				2578.53		
+ TAXES						

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TOTAL

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TREATMENT REPORT



Customer ID	CONFIDENTIAL	Date	8-18-03
Customer	ONSHORE L.L.C.	Lease No.	
Lease	FREELAND	Well #	2

Field Order #	6926	Station	PRATT	Casing	8 5/8	Depth	222.70	County	HARPER	State	Ks
Type Job	8 5/8 SURFACE NEW WELL			Formation	TD = 224'			Legal Description	4-31S-9W		

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	8 5/8	Tubing Size		Shots/Ft		Rate	Press	ISIP
Depth		Depth		From	To	Pre Pad	Max	5 Min.
Volume	13.2	Volume		From	To	Pad	Min	10 Min.
Max Press	500	Max Press		From	To	Frac	Avg	15 Min.
Well Connection		Annulus Vol.		From	To		HHP Used	Annulus Pressure
Plug Depth	207.70	Packer Depth		From	To	Flush	Gas Volume	Total Load

Customer Representative	John Armbruster	Station Manager	D. Aulry	Treater	T. SEBA
Service Units	114	35	57	34	70

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
8:00					Called out
9:30					on loc withtek's SAFETY MTG
					RUN SST'S 24" 8 5/8 CSG.
9:45					START CSG
					CSG ON BOTTOM! Hook up
10:22					BREAK CIRC W/ REG
10:30	75		10	5	START PUMPING
					START MIX! Pump 190 SKS @ 14.7 gal
			42.30		SHUT DOWN
					RELEASE PLUG
					START DISP
			13.2		PLUG DOWN
10:45	150				CLOSE VALVE ON CSG
					GOOD CIRC THEN JO3
					CIRC CMT TO PAT
					JO3 COMPLETE
					THANKS
					TOOD

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