

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**ORIGINAL**  
**KCC WICHITA**

Form ACO-1  
June 2009

Form Must Be Typed  
Form must be Signed  
All blanks must be Filled

JAN 13 2014

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE RECEIVED**

OPERATOR: License # 34797  
Name: Midstates Petroleum Company LLC  
Address 1: 4400 Post Oak Parkway, Ste 1900  
Address 2: \_\_\_\_\_  
City: Houston State: TX Zip: 77027 + 3421  
Contact Person: Rebecca Bourland  
Phone: (918) 947-8553  
CONTRACTOR: License # 34718  
Name: Nabors Drilling USA, LP  
Wellsite Geologist: \_\_\_\_\_  
Purchaser: n/a

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SIOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic     Other (Core, Expl., 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     Conv. to SWD

Conv. to GSW

Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_

Commingled      Permit #: \_\_\_\_\_

Dual Completion      Permit #: \_\_\_\_\_

SWD      Permit #: \_\_\_\_\_

ENHR      Permit #: \_\_\_\_\_

GSW      Permit #: \_\_\_\_\_

4/16/13	4/29/13	5/29/13
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 159-22733-01-00

Spot Description: \_\_\_\_\_

NE N2 N2 NE Sec. 23 Twp. 20 S. R. 6  East  West

330 Feet from  North /  South Line of Section

1,320 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE     NW     SE     SW

County: Rice

Lease Name: Fry Farms Well #: 1H-23

Field Name: Welch-Bornholdt

Producing Formation: Mississippian Lime

Elevation: Ground: 1550 Kelly Bushing: 21.75

Total Depth: 6268 Plug Back Total Depth: 5764

Amount of Surface Pipe Set and Cemented at: 450 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.

Drilling Fluid Management Plan See Attachment 1  
(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**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.

**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.

Signature: Rebecca Bourland 918-947-8553

Title: Sr. Engineering Tech Date: 1/10/13

**KCC Office Use ONLY**

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: Dog Date: 1/21/14

Operator Name: Midstates Petroleum Company LLC Lease Name: Fry Farms Well #: 1H-23  
 Sec. 23 Twp. 20 S. R. 6  East  West County: Rice

**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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run: <i>See Attached 2</i>	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Kansas City</td> <td>2721</td> <td></td> </tr> <tr> <td>Pawnee</td> <td>3132</td> <td></td> </tr> <tr> <td>Cherokee</td> <td>3230</td> <td></td> </tr> <tr> <td>Miss Chat</td> <td>3286</td> <td></td> </tr> </table> <p style="text-align: right; font-weight: bold; font-size: 1.2em;">KCC WICHITA JAN 13 2014 RECEIVED</p>	Name	Top	Datum	Kansas City	2721		Pawnee	3132		Cherokee	3230		Miss Chat	3286	
Name	Top	Datum														
Kansas City	2721															
Pawnee	3132															
Cherokee	3230															
Miss Chat	3286															

**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
Water String	12-1/4	9.680	36	451	Class H	200	8% gr 2% CaCl 14 pps CF 0.5% C-41p
Intermediate String	8-3/4	7	26	3708	Class H	260	2% Cal Chr, 1/8 pps celloflake
Production String	6-1/8	4.5	11.6	5818	Class H	245	Fresh water

**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
6	5700-5347	71 bbls HCl, 2533 bbls slk wtr, 1479 bbls Frac-G, 9000# 40/70 wht sd, 170,500# 20/40 wht sd	
6	5248-4944	71 bbls HCl, 2420 bbls slk wtr, 1421 bbls Frac-G, 9000# 40/70 wht sd, 177,000# 20/40 wht sd	
6	4846-4542	71 bbls HCl, 2788 bbls slk wtr, 930 bbls Frac-G, 9000# 40/70 wht sd, 175,000# 20/40 wht sd	
6	4443-4140	71 bbls HCl, 2542 bbls slk wtr, 965 bbls Frac-G, 9000# 40/70 wht sd, 175,000# 20/40 wht sd	
6	4041-3737	71 bbls HCl, 3612 bbls slk wtr, 9600# 40/70 wht sd, 177,700# 20/40 wht sd	

**TUBING RECORD:** Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No  
*None*

Date of First, Resumed Production, SWD or ENHR: Dry Producing Method:  Flowing  Pumping  Gas Lift  Other (Explain) Dry

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	0		0	0

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	<b>PRODUCTION INTERVAL:</b> <u>3708-7821'</u>
--	---	--

# Hydraulic Fracturing Fluid Product Component Information Disclosure

Fracture Date:	2013-05-21
State:	Kansas
County:	Rice
API Number:	1515922733
Operator Name:	MIDSTATES PETROLEUM COMPANY, INC
Well Name and Number:	Fry Farms 1H:23
Longitude:	-97.95
Latitude:	38.3
Long/Lat Projection:	NAD27
Production Type:	Oil
True Vertical Depth (TVD):	3,357
Total Water Volume (gal):	808,035

## Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass) <sup>23</sup>	Maximum Ingredient Concentration in HF Fluid (% by mass) <sup>23</sup>	Comments
Fresh Water	Operator				100.00%	86.12522%	Density = 8.350
HYDROCHLORIC ACID 10-30%	Halliburton		Hydrochloric acid	7647-01-0	30.00%	0.55144%	
SAND - PREMIUM WHITE 40/70	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100.00%	0.58182%	
SAND - PREMIUM WHITE 20/40	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100.00%	11.17204%	
FR-66	Halliburton	Friction Reducer	Hydrotreated light petroleum distillate	64742-47-8	30.00%	0.01018%	
ALDACIDE® G ANTIMICROBIAL	Halliburton	Biocide	Glutaraldehyde	111-30-8	30.00%	0.00579%	
LoSurf-300D	Halliburton	Non-ionic Surfactant	1,2,4 Trimethylbenzene	95-63-6	1.00%	0.00136%	
			Ethanol	64-17-5	60.00%	0.08155%	
			Heavy aromatic petroleum naphtha	64742-94-5	30.00%	0.04078%	
			Naphthalene	91-20-3	5.00%	0.00680%	
			Poly(oxy-1,2-ethanediyl), alpha-(4-nonylphenyl)-omega-hydroxy-, branched	127087-87-0	5.00%	0.00680%	
HAI-404M™	Halliburton	Corrosion Inhibitor	Quaternary ammonium salt	Confidential Business Information	10.00%	0.00016%	
			Aldehyde	Confidential Business Information	30.00%	0.00047%	
			Isopropanol	67-63-0	30.00%	0.00047%	
			Methanol	67-56-1	30.00%	0.00047%	
FERCHEK FERRIC IRON INHIBITOR	Halliburton	Iron Reducing Agent	Isoascorbic acid, sodium salt	6381-77-7	100.00%	0.02633%	
OptiKleen-WF™	Halliburton	Concentrate	Sodium perborate tetrahydrate	10486-00-7	100.00%	0.00606%	
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100.00%	0.05400%	
OPTIFLO-II DELAYED RELEASE BREAKER	Halliburton	Breaker	Ammonium persulfate	7727-54-0	100.00%	0.00319%	
			Crystalline silica, quartz	14808-60-7	10.00%	0.00032%	
GBW-30 BREAKER	Halliburton	Breaker	Hemicellulase enzyme	9012-54-8	15.00%	0.00037%	
			Carbohydrates	Confidential Business Information	95.00%	0.00236%	
Ingredients Listed Below This Line Are Part of the Fluid Composition Provided by Halliburton Which Do Not Appear On the Material Safety Data Sheets (MSDS)							
			Alcohols, C12-16, ethoxylated	68551-12-2			
			Amines, coco alkyl, ethoxylated	61791-14-8			
			Ammonium chloride	12125-02-9			
			Ammonium phosphate	7722-76-1			
			Bentonite, benzyl(hydrogenated tallow alkyl) dimethylammonium stearate complex	121888-68-4			
			Crystalline Silica, Quartz	14808-60-7			
			Cured Acrylic Resin	Mixture			
			Fatty Acids, Tall Oil	61790-12-3			
			Methanol	67-56-1			
			Naphthenic acid ethoxylate	68410-62-8			
			Oxyalkylated Phenolic Resin	29316-47-0			
			Oxyalkylated Phenolic Resin	63428-92-2			
			Polyacrylamide Copolymer	62649-23-4			
			Polyethoxylated fatty amine salt	61791-26-2			
			Silica gel	112926-00-8			
			Sodium chloride	7647-14-5			

		Sodium iodide	7681-82-5		
		Sorbitan monooleate polyoxyethylene derivative	9005-65-6		
		Sorbitan, mono-9-octadecenoate, (Z)	1338-43-8		
		Surfactant Mixture	67254-71-1		
		Surfactant Mixture	56449-46-8		
		Tall oil acid diethanolamide	68155-20-4		
		Water	7732-18-5		

\* Total Water Volume sources may include fresh water, produced water, and/or recycled water

\*\* Information is based on the maximum potential for concentration and thus the total may be over 100%

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided.

v2.5

All component information listed was obtained from the supplier's Material Safety Data Sheets (MSDS). As such, the Operator is not responsible for inaccurate and/or incomplete information. Any questions regarding the content of the MSDS should be directed to the supplier who provided it. The Occupational Safety and Health Administration's (OSHA) regulations govern the criteria for the disclosure of this information. Please note that Federal Law protects "proprietary", "trade secret", and "confidential business information" and the criteria for how this information is reported on an MSDS is subject to 29 CFR 1910.1200(i) and Appendix D.

### HYDRAULIC FRACTURING FLUID PRODUCT COMPONENT INFORMATION DISCLOSURE

Last Fracture Date: <b>05/03/2013</b>	County: <b>Rice</b>	API Number: <b>15-159-227333-01-00</b>
Operator Name: <b>Midstate Petroleum LLC</b>	Well Name and Number: <b>Fry Farms 1H23</b>	
Latitude: <b>38.3303318198</b>	Longitude: <b>97.947599178</b>	Datum: <b>NAD27</b>
Production Type: <b>Dry</b>	True Vertical Depth (TVD): <b>5764</b>	Total Base Fluid Volume (gal)*: _____

**Hydraulic Fracturing Fluid Composition:**

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Authorized Representative's Name, Address, and Phone Number
Fresh Water	Operator				100.00%	86.12522%	Halliburton Energy Services 3045 CR 401 Alvarado, TX 75009 817-800-6265
Hydrochloric acid 10-30%	Halliburton		Hydrochloric acid	7647-01-0	30.00%	0.55144%	Halliburton Energy Services 3045 CR 401 Alvarado, TX 75009 817-800-6265
Sand-Premium white 40/70	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100.00%	0.58182%	Halliburton Energy Services 3045 CR 401 Alvarado, TX 75009 817-800-6265
Sand-premium white 20/40	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100.00%	11.17204%	Halliburton Energy Services 3045 CR 401 Alvarado, TX 75009 817-800-6265
FR-66	Halliburton	Friction Reducer	Hydrotreated light petroleum distillate	64742-47-8	30.00%	0.01018%	Halliburton Energy Services 3045 CR 401 Alvarado, TX 75009 817-800-6265
Aldicide G Antimicrobial	Halliburton	Biocide	Glutaraldehyde	111-30-8	30.00%	0.00579%	Halliburton Energy Services 3045 CR 401 Alvarado, TX 75009 817-800-6265
LoSurf-300D		non-ionic surfactant	1,2,4 Trimethylbenzene	95-63-6	1.00%	0.00136%	Halliburton Energy Services 3045 CR 401 Alvarado, TX 75009 817-800-6265
			Ethanol	64-17-5	50.00%	0.08155%	Halliburton Energy Services 3045 CR 401 Alvarado, TX 75009 817-800-6265
			Heavy aromatic petroleum naphtha	64742-94-5	30.00%	0.04078%	Halliburton Energy Services 3045 CR 401 Alvarado, TX 75009 817-800-6265
			Naphthalene	91-20-3	5.00%	0.00680%	Halliburton Energy Services 3045 CR 401 Alvarado, TX 75009 817-800-6265
			Poly(oxy-1,2-ethanediyl)	127087-87-0	5.00%	0.00680%	Halliburton Energy Services 3045 CR 401 Alvarado, TX 75009 817-800-6265
HAI-404M™	Halliburton	Corrosion Inhibitor	Quaternary ammonium salt	Confidential Business	10.00%	0.00016%	Halliburton Energy Services 3045 CR 401 Alvarado, TX 75009 817-800-6265
			Aldehyde	Confidential Business	30.00%	0.00047%	Halliburton Energy Services 3045 CR 401 Alvarado, TX 75009 817-800-6265
			Isopropanol	67-63-0	30.00%	0.00047%	Halliburton Energy Services 3045 CR 401 Alvarado, TX 75009 817-800-6265
			Methanol	67-56-1	30.00%	0.00047%	Halliburton Energy Services 3045 CR 401 Alvarado, TX 75009 817-800-6265
FERCHEK FERRIC IRON	Halliburton	Iron Reducing Agent	Isoascorbic acid, sodium salt	6381-77-7	100.00%	0.02633%	Halliburton Energy Services 3045 CR 401 Alvarado, TX 75009 817-800-6265
OptiKleen-WF™	Halliburton	Concentrate	Sodium perborate tetrahydrate	10486-00-7	100.00%	0.00606%	Halliburton Energy Services 3045 CR 401 Alvarado, TX 75009 817-800-6265
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100.00%	0.05400%	Halliburton Energy Services 3045 CR 401 Alvarado, TX 75009 817-800-6265
OPTIFLO-4 DELAYED RELEASE	Halliburton	Breaker	Ammonium persulfate	7727-54-0	100.00%	0.00319%	Halliburton Energy Services 3045 CR 401 Alvarado, TX 75009 817-800-6265
			Crystalline silica, quartz	14808-60-7	10.00%	0.00032%	Halliburton Energy Services 3045 CR 401 Alvarado, TX 75009 817-800-6265
GBW-30 BREAKER	Halliburton	Breaker	Hemicellulase enzyme	9012-54-8	15.00%	0.00037%	Halliburton Energy Services 3045 CR 401 Alvarado, TX 75009 817-800-6265
			Carbohydrates	Confidential Business	95.00%	0.00236%	Halliburton Energy Services 3045 CR 401 Alvarado, TX 75009 817-800-6265

Ingredients shown above are subject to 29 CFR 1910.1200(i) and appear on Material Safety Data Sheets (MSDS). Ingredients shown below are Non-MSDS.


\* Total Water Volume sources may include fresh water, produced water, and/or recycled water. \*\* Information is based on the maximum potential for concentration and thus the total may be over 100%.  
 Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS).



# Daily Drilling Report

## Midstates Petroleum Company

Well ID: Fry Farms 1H-23

Job ID: Drilling

Well Name: Fry Farms 2006 1H-23

Field: Mississippian Lime

Sect: 23 Town: 20S Rng: 06W County: Rice State: KS

Report No: 7

Report For 06:00 AM 22-Apr-13

Operator:	Midstates Petroleum	Rig:	Nabors 774	Proposed TD:	7,609	State:	KS
Measured Depth (ft):	3,709	Drilling Days:	7 actual / 23 plan	RKB Elevation:	21.75	County:	Rice
Vertical Depth (ft):	3,353	Days On Location:	7	Last Casing:	9.68 at 451	Field:	Mississippian Lime
Hole Made:	380	Spud Date:		Next Casing:	7.000 at 3,717		
Drilling Hrs:	10.5	Average ROP:	36.2	Last BOP Test:			
Personnel: Operator:	2	Contractor:	12	Service:		Other:	
						Total:	14
Current Operations:	Rig Up Casing Crew & Prepare to begin Running 7" Casing						
Planned Operations:	Finish Running 7" Casing, Cement, ND, Set Slips, NU BOP & Test, TIH & Drill Lateral Section						
Toolpusher:	WALTER LORD						
Wellsite Supervisors:	Edward Puffinbarger, Glen Monday					Tel No.: 713-758-0862	

### Operations Summary

From	To	Elapsed	End MD(ft)	Code	Operations Description	Non-Prod
6:00	16:30	10.50	3,709	DRIL	Drill from _3329 ft to _3709 ft, Cut 380' @ 36.2 ft/hr	
16:30	18:00	1.50	3,709	CIRC	Cir. & Cond, Pump high vis sweep & recieve to surface	
18:00	21:30	3.50	3,709	WIPE	Wiper Trip to 445 ft, Pulled tight coming out	
21:30	22:00	0.50	3,709	SERV	Service Rig & Top Drive	
22:00	0:30	2.50	3,709	WIPE	Wiper Trip In Hole, Wash 4 Stands to Bottom	
0:30	2:00	1.50	3,709	CIRC	Cir. & Cond, Pump high vis sweep & recieve to Surface, Spot 50 bbl slick pill in Curve	
2:00	6:00	4.00	3,709	TRPO	TOOH & Lay Down Dir. Tools & Bit, (Pulled Out Of Hole With No Problems)	

### Management Summary

Drill Curve F/ 3,329' - 3,709', Cut 380' In 10.5 hrs @ 36.2 ft/hr, (Last Survey Proj. @ Bit 3,709' Inc. 90°, Az 180.6°, TVD 3,353') Cir. & Cond.pump high vis sweep, Wiper Trip to 445', Cir. & Cond, Pump high vis sweep, spot 50 bbl slick pill in Curve, TOOH, Lay Down Dir. Tools & Bit

### Casing Information

Type	Size	Top MD	Top TVD	Bottom MD	Bottom TVD	Hole Section	Avg OH Diam	LOT
FULL	9.680	0	0	451	445	SURF	12.250	

### Cost/AFE Information

AFE No	AFE Description	AFE Amount	Daily Mud/Fluid	Job Mud/Fluid	Daily Total	Job Total	Well Total	% Spent
FRY1H23C	Completion	1,643,169	0	0	0	0	0	0.00 %
FRY1H23D	Drilling	1,384,512	13,028	38,607	161,879	1,201,338	1,201,338	86.77 %
FRY1H23F	Facility	662,000	0	0	0	0	0	0.00 %
<b>Totals \$:</b>		<b>3,689,681</b>	<b>13,028</b>	<b>38,607</b>	<b>161,879</b>	<b>1,201,338</b>	<b>1,201,338</b>	<b>32.56 %</b>

### Mud Information

Density	Vis	PV	YP	Filt.	Cake	pH	Solids	Oil	Water	Sand	LGS	Chlor.	Cal.	10s	10m	30m	In	Temp	Out
21-Apr-13 16:20 at Depth 3,698 ft Return Flow Line, Type: Fresh Water Based																			
9.30	40	12	6	7.2	2	10.7	6.9					6.8	9800		3	10	0	90	

### Bit/BHA Information

BHA - No. 2 - BIT, MMTR, DCM, MSUB, DCM, MWD, XO = 96.81

### Drilling Parameters

From	To	ROP		WOB (lbs)		RPM		Torque (ft lbs)		Flow (gals/min)		PSI
		Avg	Max	Avg	Max	Avg	Max	Avg	Max	Avg	Max	
3,329	3,709	30.0	60.0	18	22			5,335			600	2,100

### Miscellaneous Drilling Parameters

Hook Loads (lbs):	Off Bottom Rotate:	65,000	Pick Up:	75,000	Slack Off:	55,000	Drag Avg/Max:	/
Hours on BHA:	Since Inspection:	56	Total:	56	Jars:			

**KCC WICHITA**  
**JAN 13 2014**  
**RECEIVED**



# Daily Drilling Report

Well ID: Fry Farms 1H-23

Field: Mississippian Lime

Job ID: Drilling

Midstates Petroleum Company

Well Name: Fry Farms 2006 1H-23

Sect: 23 Town: 20S Rng: 06W County: Rice State: KS

Report No: 7

Report For: 06:00 AM 22-Apr-13

### Survey Information

Survey Type	Meas.		Azimuth	TVD	Closure	Vertical Section	Coordinates		
	Depth	Inc.					N-S	E-W	D.L.S.
MWD	3,214.0	44.20	178.3	3,137.7	274.9	274.8	S 274.8	W 2.6	3.548
MWD	3,246.0	46.20	178.7	3,160.3	297.5	297.5	S 297.5	W 2.0	6.313
MWD	3,277.0	49.60	179.9	3,181.1	320.5	320.5	S 320.5	W 1.7	11.337
MWD	3,309.0	53.80	179.7	3,200.9	345.6	345.6	S 345.6	W 1.7	13.134
MWD	3,341.0	55.60	179.9	3,219.4	371.8	371.7	S 371.8	W 1.6	5.648
MWD	3,372.0	55.80	179.6	3,236.9	397.4	397.3	S 397.4	W 1.5	1.027
MWD	3,390.0	55.90	179.8	3,247.0	412.3	412.2	S 412.3	W 1.4	1.074
MWD	3,436.0	56.10	179.7	3,272.7	450.4	450.3	S 450.4	W 1.2	0.471
MWD	3,467.0	58.80	181.1	3,289.4	476.5	476.5	S 476.5	W 1.4	9.505
MWD	3,499.0	62.00	180.5	3,305.2	504.3	504.3	S 504.3	W 1.8	10.132
MWD	3,531.0	66.00	180.1	3,319.2	533.1	533.0	S 533.1	W 1.9	12.550
MWD	3,562.0	70.00	179.8	3,330.8	561.8	561.8	S 561.8	W 1.9	12.934
MWD	3,594.0	75.10	180.3	3,340.4	592.4	592.3	S 592.4	W 1.9	16.007
MWD	3,626.0	80.00	180.6	3,347.3	623.6	623.5	S 623.6	W 2.2	15.340
MWD	3,646.0	82.70	180.8	3,350.3	643.4	643.3	S 643.4	W 2.4	13.536

### Rig Information

Equipment Problems:

Location Condition:

Transport:

### Inventory

Bulk Material	Used This	Received This	Inventory	Bulk Material	Used This	Received This	Inventory
	Report Period	Report Period			Report Period	Report Period	
FUEL	1588		7,520				

JAN 13 2014

RECEIVED



# Daily Drilling Report

## Midstates Petroleum Company

Well ID: Fry Farms 1H-23

Job ID: Drilling

Well Name: Fry Farms 2006 1H-23

Field: Mississippian Lime

Sect: 23 Town: 20S Rng: 06W County: Rice State: KS

Report No: 6

Report For: 06:00/AM 21-Apr-13

Operator:	Midstates Petroleum	Rig:	Nabors 774	Proposed TD:	7,609	State:	KS
Measured Depth (ft):	3,329	Drilling Days:	6 actual / 23 plan	RKB Elevation:	21.75	County:	Rice
Vertical Depth (ft):	3,194	Days On Location:	6	Last Casing:	9.68 at 451	Field:	Mississippian Lime
Hole Made:	856	Spud Date:		Next Casing:	7.000 at 3,717		
Drilling Hrs:	23.5	Average ROP:	36.4	Last BOP Test:			
Personnel:	Operator: 6	Contractor: 2	Service:	Other:	Total:	8	
Current Operations:	Drilling Curve Section F / 3,329'						
Planned Operations:	Land In Miss. Lime @ 90° & Run 7" Casing						
Toolpusher:	WALTER LORD						
Wellsite Supervisors:	Edward Puffinbarger, Glen Monday					Tel No.: 713-758-0862	

### Operations Summary

From	To	Elapsed	End MD(ft)	Code	Operations Description	Non-Prod
6:00	15:30	9.50	2,918	DRIL	Drill from 2473 ft to 2918ft, Cut 445' @ 46.8ft/hr	
15:30	16:00	0.50	2,918	SERV	Service rig & Top Drive	
16:00	6:00	14.00	3,329	DRIL	Drill from 2918 ft to 3329 ft, Cut 411' @ 29.3 ft/hr	

### Management Summary

Drill Curve Section F / 2,473' - 3,329', Cut 856' In 23.5 hrs @ 36.4ft/hr, Last Survey @ 3246', Inc 46.2°, AZM 178.7°, TVD 3160'

### Casing Information

Type	Size	Top MD	Top TVD	Bottom MD	Bottom TVD	Hole Section	Avg OH Diam	LOT
FULL	9.680	0	0	451	445	SURF	12.250	

### Cost/AFE Information

AFE No	AFE Description	AFE Amount	Daily Mud/Fluid	Job Mud/Fluid	Daily Total	Job Total	Well Total	% Spent
FRY1H23C	Completion	1,643,169	0	0	0	0	0	0.00 %
FRY1H23D	Drilling	1,384,512	11,160	25,579	160,461	1,039,459	1,039,459	75.08 %
FRY1H23F	Facility	662,000	0	0	0	0	0	0.00 %
<b>Totals \$:</b>		<b>3,689,681</b>	<b>11,160</b>	<b>25,579</b>	<b>160,461</b>	<b>1,039,459</b>	<b>1,039,459</b>	<b>28.17 %</b>

### Mud Information

Density	Vis	PV	YP	Filt.	Cake	pH	Solids	Oil	Water	Sand	LGS	Chlor.	Cal.	10s	10m	30m	Gels	Temp
																	In	Out
20-Apr-13 17:20 at Depth 2,917 ft Return Flow Line																		
9.20	40	12	8	8.8	2	9.8	5.4					4.9	10000		3	12	0	90

### Bit/BHA Information

BHA - No. 2 - BIT, MMTR, DCM, MSUB, DCM, MWD, XO = 96.81

### Drilling Parameters

From	To	ROP		WOB (lbs)		RPM		Torque (ft lbs)		Flow (gals/min)		PSI
		Avg	Max	Avg	Max	Avg	Max	Avg	Max	Avg	Max	
2,473	3,329			15	20		30				600	2,600

### Miscellaneous Drilling Parameters

Hook Loads (lbs):	Off Bottom Rotate:	Pick Up:	Slack Off:	Drag Avg/Max:	/
Hours on BHA:	Since Inspection:	45.5	Total:	45.5	Jars:

KCC WICHITA

JAN 13 2014

RECEIVED



**Daily Drilling Report**

Well ID: Fry Farms 1H-23

Job ID: Drilling

Midstates Petroleum Company

Well Name: Fry Farms 2006 1H-23

Field: Mississippian Lime

Sect: 23 Town: 20S Rng: 06W County: Rice State: KS

Report No: 6

Report For: 06:00AM 21-Apr-13

**Survey Information**

Survey Type	Meas.		Azimuth	TVD	Closure	Vertical Section	Coordinates		D.L.S.
	Depth	Inc.					N-S	E-W	
MWD	2,421.0	0.70	236.0	2,420.0	23.2	13.7	S 13.3	W 18.9	0.149
MWD	2,517.0	0.60	242.2	2,516.0	24.2	14.3	S 13.9	W 19.9	0.127
MWD	2,580.0	0.40	242.2	2,579.0	24.8	14.5	S 14.1	W 20.4	0.317
MWD	2,612.0	2.20	175.8	2,611.0	25.2	15.2	S 14.8	W 20.4	6.477
MWD	2,644.0	5.50	165.7	2,642.9	26.2	17.3	S 16.9	W 20.0	10.488
MWD	2,676.0	8.40	163.8	2,674.7	28.0	21.0	S 20.6	W 19.0	9.090
MWD	2,707.0	10.80	165.8	2,705.2	31.1	26.0	S 25.6	W 17.6	7.815
MWD	2,739.0	13.80	174.2	2,736.5	36.3	32.6	S 32.3	W 16.5	10.893
MWD	2,771.0	16.20	174.0	2,767.4	43.5	40.9	S 40.6	W 15.6	7.502
MWD	2,802.0	19.20	175.0	2,796.9	52.1	50.2	S 50.0	W 14.7	9.727
MWD	2,834.0	22.40	174.3	2,826.8	62.8	61.5	S 61.3	W 13.7	10.030
MWD	2,866.0	24.90	173.6	2,856.1	75.1	74.3	S 74.0	W 12.3	7.861
MWD	2,897.0	25.70	173.8	2,884.2	87.9	87.4	S 87.2	W 10.9	2.595
MWD	2,929.0	27.90	174.3	2,912.7	102.0	101.7	S 101.5	W 9.4	6.911
MWD	2,961.0	30.50	176.6	2,940.7	117.4	117.2	S 117.1	W 8.2	8.848
MWD	2,992.0	33.50	178.1	2,966.9	133.7	133.6	S 133.5	W 7.4	10.011
MWD	3,024.0	36.50	178.3	2,993.2	152.0	152.0	S 151.9	W 6.8	9.382
MWD	3,056.0	38.20	177.8	3,018.6	171.4	171.3	S 171.3	W 6.2	5.396
MWD	3,087.0	38.90	177.9	3,042.8	190.6	190.6	S 190.6	W 5.4	2.267
MWD	3,119.0	40.40	177.9	3,067.5	211.0	211.0	S 211.0	W 4.7	4.687
MWD	3,151.0	41.50	178.0	3,091.6	232.0	232.0	S 231.9	W 3.9	3.444
MWD	3,183.0	43.10	178.3	3,115.3	253.5	253.5	S 253.5	W 3.2	5.040

**Rig Information**

Equipment Problems:

Location Condition:

Transport:

**Inventory**

Bulk Material	Used This Report Period	Received This Report Period	Inventory	Bulk Material	Used This Report Period	Received This Report Period	Inventory
FUEL	1543		9,108				

**KCC WICHITA****JAN 13 2014****RECEIVED**

Operator: Midstates Petroleum  
 Lease Name: Fry Farms # 1H-23  
 Job Number: ID1042  
 vey Company: Intrepid



Target KBTVD: 3320  
 Target Angle: 90.00  
 Section Plane 180  
 Total Declination Correction: 4.10

#	Survey Depth	Inc. (Deg.)	Azimuth (Deg.)	Course Length	TVD (Ft.)	Vertical Section	+N/-S (Ft.)	+E/-W (Ft.)	BUR	DLS
0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1	500	3.3	287.7	500	499.7	-4.4	4.4	-13.7	0.7	0.7
2	520	3.4	286.0	20	519.7	-4.7	4.7	-14.8	0.5	0.7
3	615	2.8	274.5	95	614.5	-5.7	5.7	-19.9	-0.6	0.9
4	710	1.5	235.0	95	709.5	-5.1	5.1	-23.2	-1.4	2.0
5	805	1.5	109.2	95	804.4	-4.0	4.0	-23.0	0.0	2.8
6	900	1.9	102.3	95	899.4	-3.3	3.3	-20.3	0.4	0.5
7	995	1.8	100.4	95	994.4	-2.7	2.7	-17.3	-0.1	0.1
8	1090	2.1	104.6	95	1089.3	-2.0	2.0	-14.2	0.3	0.3
9	1185	2.3	106.6	95	1184.2	-1.0	1.0	-10.6	0.2	0.2
10	1280	2.5	104.5	95	1279.1	0.1	-0.1	-6.8	0.2	0.2
11	1375	1.3	231.4	95	1374.1	1.3	-1.3	-5.7	-1.3	3.6
12	1470	1.1	231.9	95	1469.1	2.5	-2.5	-7.2	-0.2	0.2
13	1565	1.2	221.4	95	1564.0	3.8	-3.8	-8.6	0.1	0.2
14	1660	1.3	228.4	95	1659.0	5.3	-5.3	-10.0	0.1	0.2
15	1755	1.1	229.7	95	1754.0	6.6	-6.6	-11.6	-0.2	0.2
16	1850	1.1	232.4	95	1849.0	7.7	-7.7	-13.0	0.0	0.1
17	1945	1.0	224.8	95	1944.0	8.9	-8.9	-14.3	-0.1	0.2
18	2040	0.9	223.3	95	2039.0	10.0	-10.0	-15.4	-0.1	0.1
19	2135	0.7	222.2	95	2133.9	11.0	-11.0	-16.3	-0.2	0.2
20	2231	0.8	234.4	96	2229.9	11.8	-11.8	-17.2	0.1	0.2
21	2326	0.7	224.4	95	2324.9	12.6	-12.6	-18.2	-0.1	0.2
22	2421	0.7	236.0	95	2419.9	13.3	-13.3	-19.0	0.0	0.1
23	2517	0.6	242.2	96	2515.9	13.9	-13.9	-20.0	-0.1	0.1
24	2580	0.4	242.2	63	2578.9	14.2	-14.2	-20.5	-0.3	0.3
25	2612	2.2	175.8	32	2610.9	14.8	-14.8	-20.5	5.6	6.5
26	2644	5.5	165.7	32	2642.8	16.9	-16.9	-20.1	10.3	10.5
27	2676	8.4	163.8	32	2674.6	20.7	-20.7	-19.1	9.1	9.1
28	2707	10.8	165.8	31	2705.2	25.6	-25.6	-17.7	7.7	7.8
29	2739	13.8	174.2	32	2736.4	32.4	-32.4	-16.6	9.4	10.9
30	2771	16.2	174.0	32	2767.3	40.6	-40.6	-15.7	7.5	7.5
31	2802	19.2	175.0	31	2796.9	50.0	-50.0	-14.8	9.7	9.7
32	2834	22.4	174.3	32	2826.8	61.3	-61.3	-13.8	10.0	10.0
33	2866	24.9	173.6	32	2856.1	74.0	-74.0	-12.4	7.8	7.9
34	2897	25.7	173.8	31	2884.1	87.2	-87.2	-11.0	2.6	2.6
35	2929	27.9	174.3	32	2912.7	101.6	-101.6	-9.5	6.9	6.9
36	2961	30.5	176.6	32	2940.6	117.1	-117.1	-8.3	8.1	8.8
37	2992	33.5	178.1	31	2966.9	133.5	-133.5	-7.5	9.7	10.0
38	3024	36.5	178.3	32	2993.1	151.9	-151.9	-6.9	9.4	9.4
39	3056	38.2	177.8	32	3018.5	171.3	-171.3	-6.3	5.3	5.4
40	3087	38.9	177.9	31	3042.8	190.6	-190.6	-5.5	2.3	2.3
41	3119	40.0	177.9	32	3067.5	210.9	-210.9	-4.8	3.4	3.4

KCC WICHITA

JAN 13 2014

RECEIVED

Operator: Midstates Petroleum  
 Lease Name: Fry Farms # 1H-23  
 Job Number: ID1042  
 Survey Company: Intrepid



Target KBTVD: 3320  
 Target Angle: 90.00  
 Section Plane 180  
 Total Declination Correction: 4.10

#	Survey Depth	Inc. (Deg.)	Azimuth (Deg.)	Course Length	TVD (Ft.)	Vertical Section	+N/-S (Ft.)	+E/-W (Ft.)	BUR	DLS
42	3151	41.5	178.0	32	3091.7	231.8	-231.8	-4.0	4.7	4.7
43	3183	43.1	178.3	32	3115.4	253.3	-253.3	-3.4	5.0	5.0
44	3214	44.2	178.3	31	3137.8	274.7	-274.7	-2.7	3.5	3.5
45	3246	46.2	178.7	32	3160.4	297.4	-297.4	-2.1	6.3	6.3
46	3277	49.6	179.9	31	3181.2	320.4	-320.4	-1.9	11.0	11.3
47	3309	53.8	179.7	32	3201.0	345.5	-345.5	-1.8	13.1	13.1
48	3341	55.6	179.9	32	3219.5	371.6	-371.6	-1.7	5.6	5.6
49	3372	55.8	179.6	31	3236.9	397.2	-397.2	-1.6	0.6	1.0
50	3404	56.1	179.7	32	3254.9	423.7	-423.7	-1.4	0.9	1.0
51	3436	56.7	180.1	32	3272.6	450.4	-450.4	-1.4	1.9	2.1
52	3467	58.8	181.0	31	3289.1	476.6	-476.6	-1.6	6.8	7.2
53	3499	62.0	180.5	32	3304.9	504.4	-504.4	-2.0	10.0	10.1
54	3531	66.0	180.1	32	3318.9	533.2	-533.2	-2.1	12.5	12.6
55	3562	70.6	179.8	31	3330.4	562.0	-562.0	-2.1	14.8	14.9

KCC WICHITA  
 JAN 13 2014  
 RECEIVED

Operator: Midstates Petroleum  
 Lease Name: Fry Farms # 1H-23  
 Job Number: ID1042  
 Survey Company: Intrepid



Target KBTVD: 3320  
 Target Angle: 90.00  
 Section Plane 180  
 Total Declination Correction: 4.10

#	Survey Depth	Inc. (Deg.)	Azimuth (Deg.)	Course Length	TVD (Ft.)	Vertical Section	+N/-S (Ft.)	+E/-W (Ft.)	BUR	DLS
56	3594	75.1	180.3	32	3339.8	592.5	-592.5	-2.1	14.1	14.1
57	3626	80.0	180.6	32	3346.7	623.8	-623.8	-2.4	15.3	15.3
CHK	3646	82.7	180.8	20	3349.7	643.5	-643.5	-2.6	13.5	13.5
EOC	3698	90.0	180.6	52	3353.0	695.4	-695.4	-3.2	14.0	14.0
60										
61										
62										
63										
64										
65										
66										
67										
68										
69										
70										
71										
72										
73										
74										
75										
TD										

KCC WICHITA  
 JAN 13 2014  
 RECEIVED



7303 N. Highway 81  
Duncan, OK 73533

KCC WICHITA

JAN 13 2014

RECEIVED

**Invoice**

Date:	Invoice #:
4/30/2013	0000003605

Phone # (580) 255-3111

Bill To
MidState Petroleum, LLC 321 S Boston Suite 1000 Tulsa, OK 74103

Description of Work
RICE, COUNTY KS AFE N/A API 15-159-22733-01-00
Job Type: Liner (Production Liner)

Field Receipt	Terms	Service Date	Due Date	AFE No	Lease/Well Name
SOK2618	Net 30	4/29/2013	5/30/2013	AFE N/A	FRY FARMS 1H-23

Item	Description	U/M	Qty	Price Each	Amount	Disc %	Disc Amt	Net Amount

Contact: MidState Petroleum, LLC	Subtotal Amount	46,854.52
	Sales Tax	337.89
	Discount Amount	-24,659.04
	Payment/Credit Amount	0.00
	<b>Total Net Amount</b>	<b>22,533.37</b>

**O-TEX PUMPING LLC**

Service Location Fairview, Oklahoma  
 Service Address Rt 1 Box 51 73737

Service Date: 4/29/2013  
 Customer Midstates Petroleum  
 Address:  
 City  
 St  
 Customer Rep Ed Puffinbarger  
 Phone 713-758-0862

**FIELD RECEIPT**

Phone number 580-227-2727

Well Name: Fry Farms  
 Well Number: 1H-23  
 County: Rice  
 State: Kansas  
 API #: 15-159-22733-01-00  
 AFE #: 0  
 PERMIT #

Project Number: SOK 2618

JOB TYPE Job Type  
 CASING SIZE Liner  
 Serv. Sup. NATHAN COTTA  
 Page 1 of 1

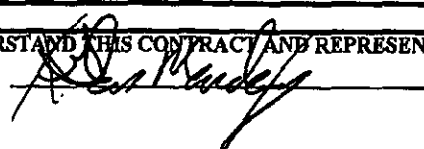
PUMP #1 024302B-Double  
 PUMP #2 0

KCC WICHITA  
 JAN 13 2014  
 RECEIVED

REF #	DESCRIPTION	U OF MEAS.	UNIT PRICE	QUAN	GROSS	%DISC	disc	NET
ML001	Pickup Mileage	per mile/ per Unit	\$ 4.26	340.0	\$1,448.40	51%	\$738.68	\$709.72
ML002	Pump Truck/Heavy Vehicle Mileage	per mile/ per Unit	\$ 7.32	170.0	\$1,244.40	51%	\$634.64	\$609.76
ML003	Bulk Cement Delivery/Return	per Ton-Mile	\$ 2.95	1,838.0	\$6,422.10	51%	\$2,765.27	\$2,656.83
MX001	Bulk Material Mixing Service Charge	per cuft	\$ 3.27	264.0	\$863.28	51%	\$440.27	\$423.01
CT008	Pump Charge 5001-6000'	(per 4 hrs)	\$ 6,563.90	1.0	\$5,553.90	51%	\$2,832.49	\$2,721.41
MP001T	Twin pump unit 0 to 5,000 psi (8 to 10 bpm r	Twin pump unit	\$ 6,664.68	1.0	\$6,664.68	51%	\$3,398.99	\$3,265.69
AE011	Equipment Left on Location per Customer Re	Per Unit/per day	\$ 2,613.60	1.0	\$2,613.60	51%	\$1,332.94	\$1,280.66
CT015	Pump Charge Additional Hours	per hour/per unit	\$ 588.06	9.0	\$5,292.54	35%	\$1,852.39	\$3,440.15
JM001	Data Acquisition System	Per Job	\$ 1,437.48	1.0	\$1,437.48	51%	\$733.11	\$704.37
AE014	Environmental Fee*	per job	\$ 228.69	1.0	\$228.69	51%	\$116.63	\$112.06
PC003	Employee/Supervisor Retention/perdiem	per job	\$ 1,308.80	4.0	\$5,227.20	90%	\$4,704.48	\$522.72
ML014	Fuel Surcharge *	per unit perjob	\$ 663.40	1.0	\$663.40	51%	\$333.23	\$320.17
AE003	Circulation Equipment( 40' of equipment)	per job	\$ 1,633.50	1.0	\$1,633.50	51%	\$833.09	\$800.42
CSB002	80/50 Poz with Premium (Includes 2% Gel)	per sk	\$ 22.28	245.0	\$5,458.60	46%	\$2,510.96	\$2,947.64
CP004	CF-37 (Dispersant)	per lb	\$ 13.55	21.0	\$284.55	46%	\$130.89	\$153.66
CP034	CF - 51 (Anti settling agent)	per lb	\$ 27.10	21.0	\$569.10	46%	\$261.79	\$307.31
CP011	Kolseal	per lb	\$ 1.02	490.0	\$499.80	46%	\$229.91	\$269.89
CP033	CF-41P (Powder Defoamer)	per lb	\$ 5.42	103.0	\$558.26	46%	\$256.80	\$301.46
CP009	CF-41 (Foam Preventer)	per gal	\$ 86.06	4.0	\$344.24	46%	\$158.35	\$185.89
PS008	Mud Wash	per gal	\$ 2.04	420.0	\$856.80	46%	\$394.13	\$462.67
					\$46,854.52		\$24,659.04	\$22,195.48

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMERS AGENT.

Customer Authorized Agent:



## SERVICE ORDER CONTRACT

Customer Name Midstates Petroleum Ticket Number SOK 2618  
Lease & Well Number Fry Farms 1H-23 Date 4/29/2013

As consideration, The Above Named customer Agrees:  
O-TEX Pumping L.L.C. shall not be responsible for and customer shall secure O-Tex pumping against any liability for damage to property of customer and of the well owner (if different from customer), unless caused by the willful misconduct or gross negligence of O-Tex pumping, this provision applying to but not limited to subsurface damage and surface damage arising from subsurface damage.

O-Tex makes no guarantee to the effectiveness of the products, supplies, or materials, nor of the results of any treatment or services. Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, O-Tex personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others except where due to O-Tex gross negligence or willful misconduct in the preparation or furnishing it.

Invoices payable NET 30 days following the date on the invoice.

Upon customers default in payment of the customers account by the last day of the month following the month in which the invoice is dated.

Customer agrees to pay interest thereon after at the highest lawful contract rate applicable but never to exceed 18% per annum in the event it becomes necessary to employ an attorney to enforce collection of said account.

Customer agrees to pay all collection costs and attorney fees in the amount of 25% of the unpaid account.

Service order: I authorize work to begin per service instructions in accordance with terms and conditions printed on this form and represent that I have authority to accept and sign this order.

**I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I  
AM AUTHORIZED TO SIGN THE SAME AS CUSTOMERS AGENT.**

Customer Authorized Agent: 

KCC WICHITA

JAN 13 2014

RECEIVED

<b>JOB SUMMARY</b>			PROJECT NUMBER <b>SOK 2618</b>	TICKET DATE <b>04/29/13</b>
COUNTY <b>Rice</b>	State <b>Kansas</b>	COMPANY <b>Midstates Petroleum</b>	CUSTOMER REP <b>Ed Puffinbarger</b>	
LEASE NAME <b>Fry Farms</b>	Well No. <b>1H-23</b>	JOB TYPE <b>Liner</b>	EMPLOYEE NAME <b>NATHAN COTTA</b>	

EMP NAME <b>NATHAN COTTA</b>	<b>0</b>				
<b>VONTREY</b>					
<b>WESLEY</b>					
<b>MARCOS</b>					

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_  
 Packer Type \_\_\_\_\_ Set At **3,709'**  
 Bottom Hole Temp. **155** Pressure \_\_\_\_\_  
 Retainer Depth \_\_\_\_\_ Total Depth **5,850'**

Date	Called Out <b>4.28.13</b>	On Location <b>4.28.13</b>	Job Started <b>4.29.13</b>	Job Completed <b>4.29.13</b>
Time	<b>800</b>	<b>1630</b>	<b>307</b>	<b>530</b>

Type and Size	Qty	Make
Auto Fill Tube	0	R
Insert Float Val	0	R
Centralizers	0	R
Top Plug	0	R
HEAD	0	R
Limit clamp	0	R
Weld-A	0	R
Texas Pattern Guide Shoe	0	R
Cement Basket	0	R

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing		11.6#	4 1/2"		Surface	5,850'	5,000
Liner							
Liner							
Tubing			0				
Drill Pipe							
Open Hole			6 1/8"		Surface	5,850'	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials			
	WBM	Density	Lb/Gal
Disp. Fluid	Fresh Water	8.33	
Spacer type	Fresh Water BBL	20	8.33
Spacer type	Caustic BBL	10	8.40
Acid Type	Gal.		%
Acid Type	Gal.		%
Surfactant	Gal.		in
NE Agent	Gal.		in
Fluid Loss	Gal/Lb		in
Gelling Agent	Gal/Lb		in
Fric. Red.	Gal/Lb		in
MISC.	Gal/Lb		in

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
4.28.13	13.0	4.29.13	2.5	Liner
Total	13.0	Total	2.5	

Perfpac Balls \_\_\_\_\_ Qty. \_\_\_\_\_  
 Other \_\_\_\_\_  
 Other \_\_\_\_\_  
 Other \_\_\_\_\_  
 Other \_\_\_\_\_

Pressures			
MAX	AVG	MAX	AVG
10.000	800	5 BPM	4
Average Rates in BPM			
Cement Left in Pipe			
Feet	48	Reason	SHOE JOINT

Cement Data				W/Rq.	Yield	Lbs/Gal
Stage	Sacks	Cement	Additives			
1	245	60/60 Poz Premium	2% Gel - 0.1% C-51 - 0.1% C-37 - 2pps Kolseal - 0.5% C-41P	0	0.00	0.00
2	0	0		0	0.00	0.00
3	0	0		0	0.00	0.00

Summary							
Preflush Breakdown	Type: _____	MAXIMUM _____	10.000 PSI	Preflush: BBI _____	10.00'	Type: Mud Wash	_____
	Lost Returns-N _____	NO/FULL _____		Load & Bkdn: Gal - BBI _____	N/A	Pad:Bbl -Gal _____	N/A
	Actual TOC _____	3.457		Excess /Return BBI _____	N/A	Calc. Disp Bbl _____	71
Average	Bump Plug PSI: _____	1.900		Calc. TOC: _____	3.457	Actual Disp. _____	70.50
SP	5 Min. _____	10 Min _____	15 Min _____	Final Circ. PSI: _____	909	Disp:Bbl _____	70.50
				Cement Slurry: BBI _____	55.0		
				Total Volume BBI _____	136.50		

CUSTOMER REPRESENTATIVE *[Signature]* SIGNATURE

KCC WICHITA  
 JAN 13 2014  
 RECEIVED



JOB LOG					PROJECT NUMBER	TICKET DATE
COMPANY Midstates Petroleum			COUNTRY USA		STATE Kansas	COUNTY Rice
LEASE NAME Fry Farms 1H-23		Well No.	EMPLOYEE NAME NATHAN COTTA		CUSTOMER REP Ed Puffinbarger	
FIELD Welch - Bornholdt		SEC / TWP / RNG 23/20S/6W			TICKET AMOUNT 22,195.48	
APIUM # 15-159-22733-01-00		JOB PURPOSE Liner			WELL TYPE Oil & Gas	
	Time	Rate (BPM)	Volume (BBL/GAL)	Press. (PSI)		Job Description / Remarks
				CSG.	Tbg	
4.28.13	900					TIME ARRIVED IN YARD
	1000					Fit for duty meeting
	1300					Headed to location from yard!
	1630					CREW ARRIVE ON LOCATION
4.29.13	200					RIG UP
	245					SAFTEY MEETING
	307			10,000		PRESSURE TEST PUMPS AND LINES
	310	5.0	10.0	400		MUD WASH SPACER AHEAD
	313	5.0	56.0	800		MIX AND PUMP LEAD CEMENT @ 14.2 (245 SKS, 1.27 YIELD)
	325					SHUT DOWN
	326					WASH PUMPS AND LINES
	328					DROP DART
	329	5.0	25.0	500		DISPLACE DART
	334	2.0	9.5	400		SLOW TO SHEER DART
	340	2.0		1000		SHEER DART
	341	5.0	36.0	900		RESUME DISPLACEMENT
	348	5.0		1900		BUMP PLUG
	350					CHECK FLOATS
	355					DROP BALL
	359	1.0	1.5			PRESSURE UP ON BALL
	400	1.0		4700		RUPTURE DISK
	402	1.0	7.0			PUMP BALL TO SEAT
	405			8800		SEAT BALL
	411					SHUT DOWN
	415	6.0	90.0	300		CIRCULATE HOLE CLEAN
	430	1.0	2.0	1500		PRESSURE TEST LINER
	500					RIG DOWN
	530					CREW OFF LOCATION
						SUPERVISOR SIGNITURE
Bumped	Final lift	Floats	PSI ON	CEMENT	X <i>NEL</i>	
Plug	Psi	Held	CSG	SURFACE		
YES	900	YES				

KCC WICHITA

JAN 13 2014

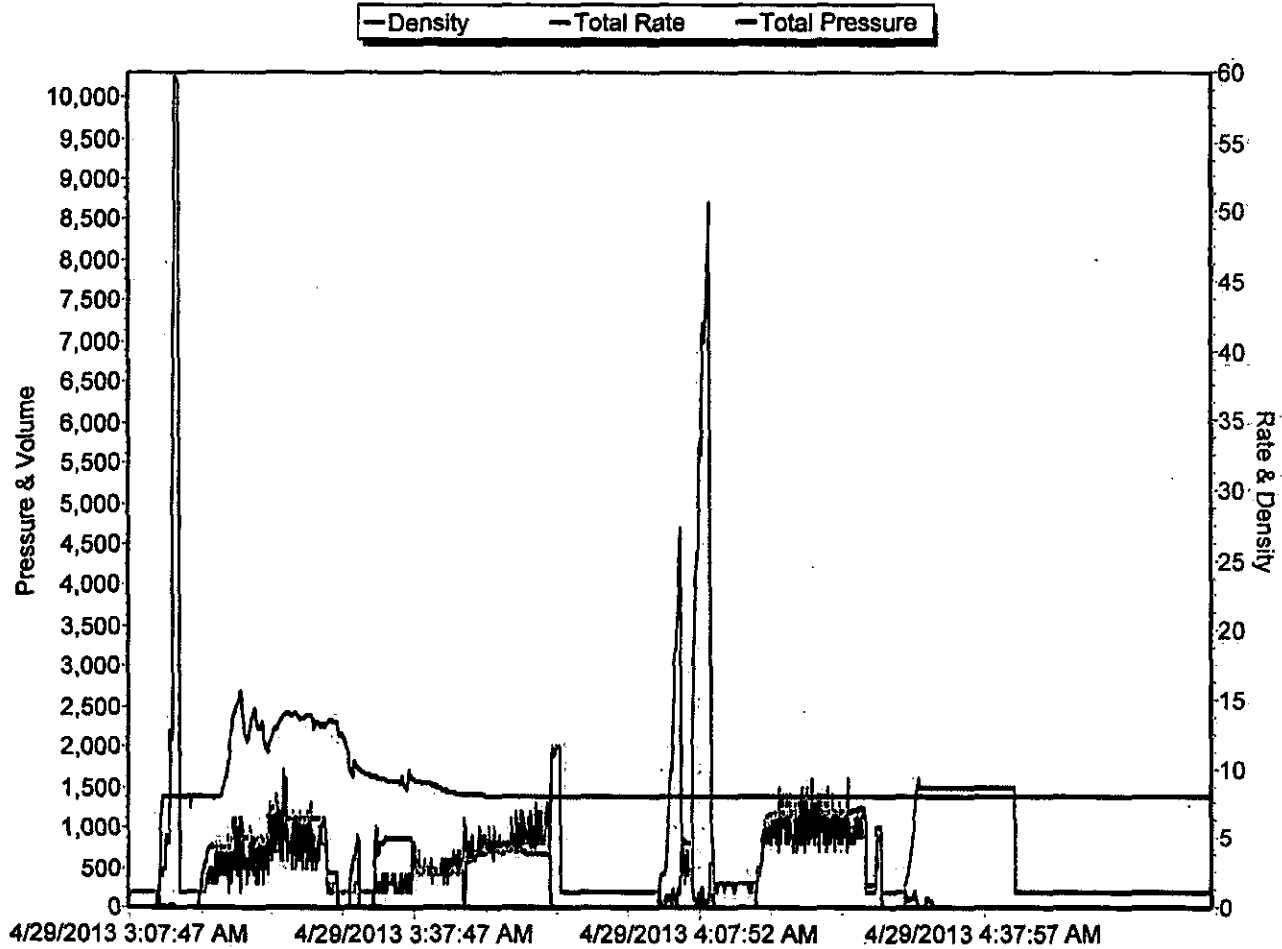
RECEIVED

KCC WICHITA

JAN 13 2014

RECEIVED

### NABORS 774 MIDSTATES FRY FARMS 1H-23 LINER



# Job Data Sheet



COMPANY <b>Midstates Petroleum</b>		PROJECT NUMBER <b>SOK 2618</b>	AFE/WORK ORDER <b>0</b>	DATE <b>4/26/2013</b>						
CONTRACTOR <b>Nabors #774</b>		Owner <b>Same</b>	LEGAL DESCRIPTION <b>23/20S/6W</b>	API <b>15-159-22733-01-00</b>						
LEASE & WELL # <b>Fry Farms 1H-23</b>		COUNTY <b>Rice</b>	STATE <b>Kansas</b>	MILEAGE <b>170</b>						
DIRECTIONS <b>McPherson, KS - West on HWY 56 for 13 mi. - South 5 mi. - 1.3 mi. West - South into location</b>										
Pumping Services	<input type="checkbox"/> Surface		<input checked="" type="checkbox"/> Intermediate		<input type="checkbox"/> Long String	<input type="checkbox"/> Plug Back				
	<input type="checkbox"/> Squeeze		<input type="checkbox"/> Acid		<input type="checkbox"/> PTA		<input checked="" type="checkbox"/> Other		( ) H2S	
	Casing Size	Casing Weight	Thread	Tbng/DP Size	Thread	Plug Cont.	Swage	Top Plug	Bottom Plug	% Excess
	<b>4 1/2"</b>	<b>11.68</b>	<b>8rd</b>			<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>40%</b>
	Number and Type Units							Casing Depth	Hole Depth	Hole Size
<b>Pump Truck &amp; Bulk Materials</b>							<b>5,850'</b>	<b>5,850'</b>	<b>6 1/8"</b>	
Remarks <b>(TOL - 3,457) (TOC - 3,457) (HOC - 2,393)</b>					Est. BHST <b>155°</b>	7" Shoe @ <b>3,709'</b>	Depth TVD	Mud Weight/Type <b>WBM</b>		
Materials	LEAD	# of Sacks	Type	Additives						
	<b>55.42</b>	<b>245</b>	<b>50/50 Poz Premium</b>	<b>2% Gel - 0.1% C-51 - 0.1% C-37 - 2pps Koiseal - 0.5% C-41P</b>						
	H <sub>2</sub> O TO MIX	Weight PPG	Yield F3/Sk	Water Gal/Sk						
	<b>14.20</b>	<b>1.27</b>	<b>5.61</b>							
	TAIL	# of Sacks	Type	Additives						
	<b>0.00</b>									
	H <sub>2</sub> O TO MIX	Weight PPG	Yield F3/Sk	Water Gal/Sk						
		# of Sacks	Type	Additives						
	Weight PPG	Yield F3/Sk	Water Gal/Sk							
	ACID	Type	Additives							
	Inhibitor	Surfactant	Clav cont.							
	Spacer or Flush	Quantity	Type	Additives						
		<b>10 bbls</b>	<b>Mud Wash</b>							
	Spacer or Flush	Quantity	Type	Additives						
	Other	Quantity	Type	Additives						
Crew Called	<b>Cementer</b>	<b>Pumper</b>	<b>Bulky</b>	<b>Bulky</b>	<b>Bulky</b>					
Special Request										
Sales Items	Casing Size		Casing Weight		Thread					
	Guide Shoe		Float Shoe		Float Collar		Insert Float Valve			
	Centralizers - Number		Size		Type					
	Wall Cleaners - Number		Type		MSC (DV Tool)			MSC Plug Set		
	Limit Clamps		Thread lock		Other					
	Circulating Iron		<b>4 1/2" 8RD SWAGE, SW, DW, 2 HOSES</b>							
Customer Rep. <b>Ed Puffinbarger</b>		Cell Phone <b>713-758-0862</b>		Office Phone		Fax		Time of Call		
Call Taken By <b>Larry Kirchner Jr.</b>						Date Ready <b>4/27/13</b>		Time Ready		
Crew Called								Time <b>0</b>		

KCG WICHITA

JAN 13 2014

RECEIVED



7303 N. Highway 81  
Duncan, OK 73533

# Invoice

Date:	Invoice #:
4/26/2013	0000003468

Phone # (580) 255-3111

Bill To
MidState Petroleum, LLC 321 S Boston Suite 1000 Tulsa, OK 74103

Description of Work
RICE, COUNTY KS AFE N/A API 15-159-22733-01-00
Job Type: Surface (New Well Only)

Field Receipt	Terms	Service Date	Due Date	AFE No	Lease/Well Name
SOK2594	Net 30	4/15/2013	5/26/2013	AFE N/A	FRY FARMS 1H-23

Item	Description	U/M	Qty	Price Each	Amount	Disc %	Disc Amt	Net Amount
ML001	Pickup Mileage	UNTMIL	340	4.26	1,448.40	51.00%	-738.68	709.72
ML002	Pump Truck/Heavy Vehicle Mileage	UNTMIL	170	7.32	1,244.40	51.00%	-634.64	609.76
ML003	Bulk Cement Delivery/Return	MILE	1,629	2.95	4,805.55	51.00%	-2,450.83	2,354.72
MX001	Bulk Material Mixing Service Charge	SCF	219	3.27	716.13	51.00%	-365.23	350.90
CC001	Pump Charge 0-1000'	4-HRS	1	2,038.61	2,038.61	51.00%	-1,039.69	998.92
CC015	Pump Charge Additional Hours	UNTHRS	10	588.06	5,880.60	35.00%	-2,058.21	3,822.39
JM001	Data Acquisition System	JOB	1	1,437.48	1,437.48	51.00%	-733.11	704.37
AE014	Environmental Fee*	JOB	1	228.69	228.69	51.00%	-116.63	112.06
PC003	Employee/Supervisor Retention/perdiem	JOB	4	1,306.80	5,227.20	90.00%	-4,704.48	522.72
ML014	Fuel Surcharge *	JOB	1	653.40	653.40	51.00%	-333.23	320.17
AE002	Cement Head with manifold	JOB	1	1,176.12	1,176.12	51.00%	-599.82	576.30
AE003	Circulation Equipment( 40' of equipment)	JOB	1	1,633.50	1,633.50	51.00%	-833.09	800.41
CL017	9 5/8" Top Rubber Plug	EACH	1	338.80	338.80	35.00%	-118.58	220.22
CSB006	O-Tex Lite Premium Plus	SACK	90	29.81	2,682.90	46.00%	-1,234.13	1,448.77
CP001	C (Premium Plus Cement) (94 lbs/ft3)	94SACK	110	30.80	3,388.00	46.00%	-1,558.48	1,829.52
CP018	Calcium Chloride	LBS	363	1.22	442.86	46.00%	-203.72	239.14
CP010	Cello Flake	LBS	36	4.20	151.20	46.00%	-69.55	81.65
CP033	CF-41P (Powder Defoamer)	LBS	40	5.42	216.80	46.00%	-99.73	117.07
CP031	Sugar	LBS	100	3.39	339.00	0.00%	0.00	339.00

Contact: MidState Petroleum, LLC	Subtotal Amount	*****
	Sales Tax	*****
	Discount Amount	*****
	Payment/Credit Amount	*****
	Total Net Amount	*****

KCC WICHITA

JAN 13 2014

RECEIVED



7303 N. Highway 81  
Duncan, OK 73533

# Invoice

Date:	Invoice #:
4/26/2013	0000003468

Phone # (580) 255-3111

Bill To
MidState Petroleum, LLC 321 S Boston Suite 1000 Tulsa, OK 74103

Description of Work
RICE, COUNTY KS AFE N/A API 15-159-22733-01-00
Job Type: Surface (New Well Only)

Field Receipt	Terms	Service Date	Due Date	AFE No	Lease/Well Name
SOK2594	Net 30	4/15/2013	5/26/2013	AFE N/A	FRY FARMS 1H-23

Item	Description	U/M	Qty	Price Each	Amount	Disc %	Disc Amt	Net Amount
KCC WICHITA JAN 13 2014 RECEIVED								

Contact: MidState Petroleum, LLC	Subtotal Amount	34,049.64
	Sales Tax	312.10
	Discount Amount	-17,891.83
	Payment/Credit Amount	0.00
	<b>Total Net Amount</b>	<b>16,469.91</b>

4/19/13

SS

**O-TEX PUMPING LLC**

Service Location Fairview, Oklahoma  
 Service Address Rt 1 Box 51 73737

Service Date: 4/16/2013  
 Customer: Midstates Petroleum  
 Address:  
 City  
 St  
 Customer Rep: Ed Puffinbarger  
 Phone: 713-758-0862

**FIELD RECEIPT**

Phone number 580-227-2727

Project Number: SOK 2594

Well Name: Fry Farms  
 Well Number: 1H-23  
 County: Rice  
 State: Kansas  
 API #: 15-169-22733-01-00  
 AFE #: 0  
 PERMIT #

JOB TYPE: CASING SIZE  
 Job Type: Surface  
 Serv. Sup.: NATHAN COTTA  
 Page 1 of 1

PUMP #1: A245548-Serva  
 PUMP #2: 0

REF #	DESCRIPTION	U OF MEAS.	UNIT PRICE	QUAN	GROSS	%DISC	disc	NET
ML001	Pickup Mileage	per mile/ per Unit	\$ 4.28	340.0	\$1,448.40	51%	\$738.68	\$709.72
ML002	Pump Truck/Heavy Vehicle Mileage	per mile/ per Unit	\$ 7.32	170.0	\$1,244.40	51%	\$634.64	\$609.76
ML003	Bulk Cement Delivery/Return	per Ton-Mile	\$ 2.95	1,629.0	\$4,805.55	51%	\$2,450.83	\$2,354.72
MX001	Bulk Material Mixing Service Charge	per cuft	\$ 3.27	219.0	\$716.13	51%	\$365.23	\$350.90
CC001	Pump Charge 0-1000'	(per 4 hrs)	\$ 2,038.61	1.0	\$2,038.61	51%	\$1,039.69	\$998.92
CC015	Pump Charge Additional Hours	per hour/per unit	\$ 588.06	10.0	\$5,880.60	35%	\$2,058.21	\$3,822.39
JM001	Data Acquisition System	Per Job	\$ 1,437.48	1.0	\$1,437.48	51%	\$733.11	\$704.37
AE014	Environmental Fee*	per job	\$ 228.69	1.0	\$228.69	51%	\$116.63	\$112.06
PC003	Employee/Supervisor Retention/perdiem	per job	\$ 1,306.80	4.0	\$5,227.20	80%	\$4,704.48	\$622.72
ML014	Fuel Surcharge *	per unit perjob	\$ 653.40	1.0	\$653.40	51%	\$333.23	\$320.17
AE002	Cement Head with manifold	per job	\$ 1,176.12	1.0	\$1,176.12	51%	\$599.82	\$576.30
AE003	Circulation Equipment( 40' of equipment)	per job	\$ 1,833.50	1.0	\$1,833.50	51%	\$833.09	\$800.42
CL017	9 5/8" Top Rubber Plug	Each	\$ 338.80	1.0	\$338.80	35%	\$118.58	\$220.22
CSB006	O-TEX Lite with Premium Plus(65/35/8)	per sk	\$ 29.81	90.0	\$2,882.90	46%	\$1,234.13	\$1,448.77
CP001	C (Premium Plus Cement) (94 lbs/ft3)	per sk	\$ 30.80	110.0	\$3,388.00	46%	\$1,558.48	\$1,829.52
CP018	Calcium Chloride	per lb	\$ 1.22	363.0	\$442.86	46%	\$203.72	\$239.14
CP010	Cello Flake	per lb	\$ 4.20	36.0	\$151.20	46%	\$69.55	\$81.65
CP033	CF-41P (Powder Defoamer)	perlb	\$ 5.42	40.0	\$216.80	46%	\$99.73	\$117.07
CP031	Sugar	per lb	\$ 3.39	100.0	\$339.00	0%	\$0.00	\$339.00
					\$34,049.64		\$17,891.84	\$16,157.80

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMERS AGENT.

Customer Authorized Agent:



RECEIVED  
 JAN 13 2014  
 KCC WICHITA

# SERVICE ORDER CONTRACT

Customer Name Midstates Petroleum Ticket Number SOK 2594

Lease & Well Number Fry Farms 1H-23 Date 4/15/2013

As consideration, The Above Named customer Agrees:

O-TEX Pumping L.L.C. shall not be responsible for and customer shall secure O-TEX pumping against any liability for damage to property of customer and of the well owner (if different from customer), unless caused by the willful misconduct or gross negligence of O-TEX pumping, this provision applying to but not limited to subsurface damage and surface damage arising from subsurface damage.

O-TEX makes no guarantee to the effectiveness of the products, supplies, or materials, nor of the results of any treatment or services.

Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others,

O-TEX personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others except where due to O-TEX gross negligence or willful misconduct in the preparation or furnishing it.

Invoices payable NET 30 days following the date on the invoice.

Upon customers default in payment of the customers account by the last day of the month following the month in which the invoice is dated.

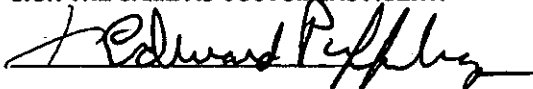
Customer agrees to pay interest thereon after at the highest lawful contract rate applicable but never to exceed 18% per annum in the event it becomes necessary to employ an attorney to enforce collection of said account.

Customer agrees to pay all collection costs and attorney fees in the amount of 25% of the unpaid account.

Service order: I authorize work to begin per service instructions in accordance with terms and conditions printed on this form and represent that I have authority to accept and sign this order.

**I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMERS AGENT.**

Customer Authorized Agent:



KCC WICHITA

JAN 13 2014

RECEIVED

<b>JOB SUMMARY</b>			PROJECT NUMBER <b>SOK 2594</b>	TICKET DATE <b>04/15/13</b>
COUNTY <b>Rice</b>	STATE <b>Kansas</b>	COMPANY <b>Midstates Petroleum</b>	CUSTOMER REP <b>Ed Puffinbarger</b>	
LEASE NAME <b>Fry Farms</b>	Well No. <b>1H-23</b>	JOB TYPE <b>Surface</b>	EMPLOYEE NAME <b>NATHAN COTTA</b>	

EMP NAME <b>NATHAN COTTA</b>	<b>RICK</b>				
<b>WESLEY T.</b>					
<b>VONTREY</b>					
<b>MIKE H</b>					

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_

Packer Type \_\_\_\_\_ Set At **0**

Bottom Hole Temp. **85** Pressure \_\_\_\_\_

Retainer Depth \_\_\_\_\_ Total Depth **450'**

Date	Called Out	On Location	Job Started	Job Completed
	<b>4.16.13</b>	<b>4.7.13</b>	<b>4.7.13</b>	<b>4.7.13</b>
Time	<b>1800</b>	<b>230</b>	<b>1655</b>	<b>1830</b>

Type and Size	Qty	Make
Auto Fill Tube	0	IR
Insert Float Val	0	IR
Centralizers	0	IR
Top Plug	0	IR
HEAD	0	IR
Limit clamp	0	IR
Weld-A	0	IR
Texas Pattern Guide Shoe	0	IR
Cement Basket	0	IR

New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	<b>36#</b>	<b>9 5/8"</b>		Surface	<b>450'</b>	<b>5,000</b>
Liner						
Liner						
Tubing		<b>0</b>				
Drill Pipe						
Open Hole			<b>12 1/4"</b>	Surface	<b>450'</b>	<b>Shots/Ft.</b>
Perforations						
Perforations						
Perforations						

Materials	WBM	Density	B	Lb/Gal
Mud Type	Fresh Water	Density	<b>8.33</b>	Lb/Gal
Disp. Fluid	Fresh Water	BBL	<b>20</b>	<b>8.33</b>
Spacer type	Caustic	BBL	<b>10</b>	<b>8.40</b>
Spacer type				
Acid Type	Gal.		%	
Acid Type	Gal.		%	
Surfactant	Gal.		In	
NE Agent	Gal.		In	
Fluid Loss	Gal/Lb		In	
Gelling Agent	Gal/Lb		In	
Fric. Red.	Gal/Lb		In	
MISC.	Gal/Lb		In	

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
<b>4.7.13</b>	<b>16.0</b>	<b>4.7.13</b>	<b>2.0</b>	Surface
Total	<b>16.0</b>	Total	<b>2.0</b>	

Perpac Balls \_\_\_\_\_ Qty. \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Pressures	
MAX <b>1500</b>	AVG <b>100</b>
Average Rates in BPM	
MAX <b>4BPM</b>	AVG <b>3</b>
Cement Left in Pipe	
Feet <b>42</b>	Reason <b>SHOE JOINT</b>

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
<b>1</b>	<b>80</b>	<b>Tex Lite Premium Plus 65</b>	<b>6% Gel - 2% Calcium Chloride - 1/4 pps Celloflake - 0.5% C-41P</b>	<b>10.88</b>	<b>1.84</b>	<b>12.70</b>
<b>2</b>	<b>110</b>	<b>Premium Plus (Class C)</b>	<b>2% Calcium Chloride - 1/8 pps Celloflake</b>	<b>6.32</b>	<b>1.32</b>	<b>14.80</b>
<b>3</b>	<b>0</b>	<b>0</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

Summary					
Preflush Breakdown	Type: _____	MAXIMUM <b>1.500</b>	Preflush: BBI <b>.20.00</b>	Type: <b>Fresh Water</b>	
	Lost Returns <b>NO/FULL</b>		Load & Bkdn: Gal - BBI <b>N/A</b>	Pad:Bbl - Gal <b>N/A</b>	
	Actual TOC <b>SURFACE</b>		Excess /Return BBI <b>10</b>	Calc. Disp Bbl <b>31</b>	
Average	Bump Plus PSI: <b>800</b>		Calc. TOC: <b>SURFACE</b>	Actual Disp. <b>31.00</b>	
15': <b>5 Min.</b>	10 Min <b>15 Min</b>		Final Circ. PSI: <b>200</b>	Disp:Bbl <b>31.00</b>	
			Cement Slurry: BBI <b>56.0</b>		
			Total Volume BBI <b>107.00</b>		

CUSTOMER REPRESENTATIVE *Edward Puffinbarger*

KCC WICHITA  
JAN 13 2014  
RECEIVED



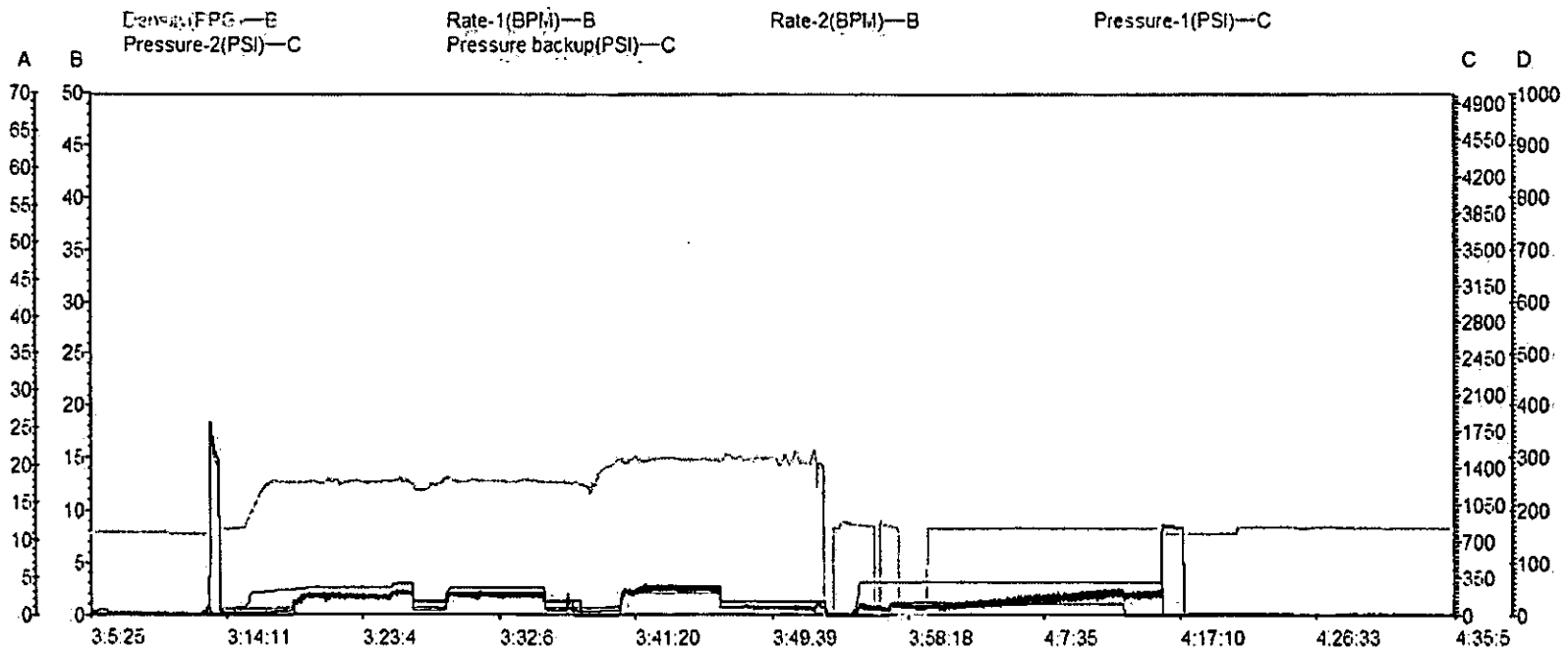


KCC WICHITA

JAN 13 2014

RECEIVED

# NABORS 774 MIDSTATES FRY FARMS 1H-23 9.625 SURFACE



Chart

# Job Data Sheet



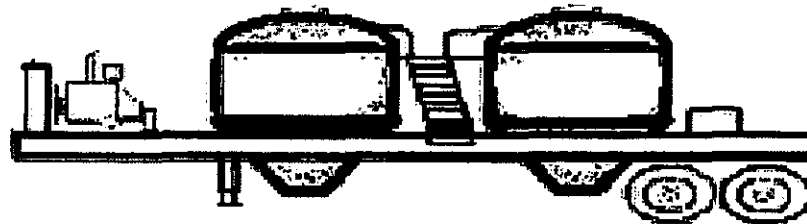
COMPANY <b>Midstates Petroleum</b>		PROJECT NUMBER <b>SOK 2594</b>	AFEWKORD ORDER <b>0</b>	DATE <b>4/15/2013</b>
CONTRACTOR <b>Nabors 774</b>		Owner <b>Same</b>	LEGAL DESCRIPTION <b>23/20S/6W</b>	API <b>15-159-22733-01-00</b>
LEASE & WELL # <b>Fry Farms 1H-23</b>		COUNTY <b>Rice</b>	STATE <b>Kansas</b>	MILEAGE <b>60</b>
DIRECTIONS <b>McPherson, KS - West on HWY 56 for 13 mi. - South 5 mi. - 1.3 mi. West - South into location</b>				
Pumping Services	<input type="checkbox"/> Surface <input checked="" type="checkbox"/> Intermediate <input type="checkbox"/> Long String <input type="checkbox"/> Plug Back <input type="checkbox"/> Squeeze <input type="checkbox"/> Acid <input type="checkbox"/> PTA <input checked="" type="checkbox"/> Other    ( ) H2S			
	Casing Size	Casing Weight	Thread	Top Plug
	<b>9 5/8"</b>	<b>36#</b>	<b>8rd</b>	<b>YES</b>
	Bottom Plug	% Excess		
	<b>NO</b>	<b>100%</b>		
Number and Type Units <b>Pump Truck &amp; Bulk Materials</b>			Casing Depth	Hole Depth
			<b>450'</b>	<b>450'</b>
Remarks			Est. BHST	Mud Weight/Type
			<b>85°</b>	<b>WBM</b>
Materials	LEAD	# of Sacks	Type	Additives
		<b>90</b>	<b>O-Tex Lite Premium Plus 6505</b>	<b>6% Gel - 2% Calcium Chloride - 1/4 pps Celloflake - 0.5% C-41P</b>
	H2O TO MIX	Weight PPG	Yield Ft <sup>3</sup> /Sk	
		<b>12.70</b>	<b>1.84</b>	
	TAIL	# of Sacks	Type	Additives
		<b>110</b>	<b>Premium Plus (Class C)</b>	<b>2% Calcium Chloride - 1/8 pps Celloflake</b>
	H2O TO MIX	Weight PPG	Yield Ft <sup>3</sup> /Sk	
		<b>14.80</b>	<b>1.32</b>	
		# of Sacks	Type	Additives
				<b>Take 100#'s Sugar</b>
	Weight PPG	Yield Ft <sup>3</sup> /Sk		
	ACID	Type	Additives	
	Inhibitor	Surfactant		
		clay cont.		
	Spacer or Flush	Quantity	Type	Additives
		<b>20 bbls</b>	<b>Fresh Water</b>	
	Spacer or Flush	Quantity	Type	Additives
	Other	Quantity	Type	Additives
Crew Called	<b>Cementer</b>	<b>Pumper</b>	<b>Bulky</b>	<b>Bulky</b>
				<b>Bulky</b>
Special Request				
Sales Items	Casing Size	<b>9 5/8"</b>	Casing Weight	<b>36#</b>
	Thread	<b>8rd</b>		
	Guide Shoe		Float Shoe	
			Float Collar	Insert Float Valve
	Centralizers - Number		Size	Type
	Wall Cleaners - Number		Type	MSC (DV Tool)
	Limit Clamps		Thread lock	Other
Circulating Iron	<b>9 5/8" (8rd), 7" (8rd), 4 1/2" (8rd) Swages, SW, DW, 2 Hoses (Stays With Rig)</b>			
Customer Rep.	Cell Phone	Office Phone	Fax	Time of Call
<b>Ed Puffinbarger</b>	<b>713-758-0862</b>			
Call Taken By	Date Ready		Time Ready	
<b>Larry Kirchner Jr.</b>	<b>4/15/13</b>			
Crew Called	Time			
	<b>0</b>			

KCC WICHITA

JAN 13 2014

RECEIVED

**O-Tex**  
Pumping, LLC



KCC WICHITA  
JAN 13 2014  
RECEIVED

Trailer Number: 53175/16643

Driver Name \_\_\_\_\_

**Front Pot**  
**LEAD**

Cement 65/35 CLASS C/POZ  
90 sks

**CEMENT ADDITIVES**

	6% GEL	
	2% CALCIUM	2% CALCIUM
	1/4 PPS FLAKE	1/8 PPS FLAKE
	.5% C-41P	

**Rear Pot**  
**TAIL**

Cement CLASS C  
110 sks

COMPANY: Midstates Petroleum DATE: 4/14/2013

LEASE: Fry Farms 1H-23 TICKET: SOK 2594



7303 N. Highway 81  
Duncan, OK 73533

# Invoice

Date:	Invoice #:
4/24/2013	000003411

Phone # (580) 255-3111

Bill To
MidState Petroleum, LLC 321 S Boston Suite 1000 Tulsa, OK 74103

Description of Work
RICE, COUNTY KS AFE N/A API 15-159-22733-01-00
Job Type: Intermediate

Field Receipt	Terms	Service Date	Due Date	AFE No	Lease/Well Name
SOK2609	Net 30	4/22/2013	5/24/2013	AFE N/A	FRY FARMS 1H-23

Item	Description	U/M	Qty	Price Each	Amount	Disc %	Disc Amt	Net Amount
ML001	Pickup Mileage	UNTMIL	340	4.26	1,448.40	51.00%	-738.68	709.72
ML002	Pump Truck/Heavy Vehicle Mileage	UNTMIL	170	7.32	1,244.40	51.00%	-634.64	609.76
ML003	Bulk Cement Delivery/Return	MILE	1,951	2.95	5,755.45	51.00%	-2,935.28	2,820.17
MX001	Bulk Material Mixing Service Charge	SCF	280	3.27	915.60	51.00%	-466.96	448.64
CC004	Pump Charge 3001-4000'	4-HRS	1	3,724.38	3,724.38	51.00%	-1,899.43	1,824.95
CC015	Pump Charge Additional Hours	UNTHRS	6	588.06	3,528.36	35.00%	-1,234.93	2,293.43
JM001	Data Acquisition System	JOB	1	1,437.48	1,437.48	51.00%	-733.11	704.37
AE014	Environmental Fee*	JOB	1	228.69	228.69	51.00%	-116.63	112.06
PC003	Employee/Supervisor Retention/perdiem	JOB	4	1,306.80	5,227.20	90.00%	-4,704.48	522.72
ML014	Fuel Surcharge *	JOB	1	653.40	653.40	51.00%	-333.23	320.17
AE003	Circulation Equipment( 40' of equipment)	JOB	1	1,633.50	1,633.50	51.00%	-833.09	800.41
AE002	Cement Head with manifold	JOB	1	1,176.12	1,176.12	51.00%	-599.82	576.30
CL011	7" Top Rubber Plug	EACH	1	203.28	203.28	35.00%	-71.15	132.13
CSB002	50/50 Poz With Premium	SACK	260	22.28	5,792.80	46.00%	-2,664.69	3,128.11
CP004	CF-37 (Dispersant)	LBS	22	13.55	298.10	46.00%	-137.13	160.97
CP034	CF - 51 (Anti settling agent)	LBS	22	27.10	596.20	46.00%	-274.25	321.95
CP011	Kolseal	LBS	520	1.02	530.40	46.00%	-243.98	286.42
CP033	CF-41P (Powder Defoamer)	LBS	109	5.42	590.78	46.00%	-271.76	319.02
CP009	CF-41 (Foam Preventer)	GAL	4	86.06	344.24	46.00%	-158.35	185.89

Contact: MidState Petroleum, LLC	Subtotal Amount	*****
	Sales Tax	*****
	Discount Amount	*****
	Payment/Credit Amount	*****
	Total Net Amount	*****

KCC WICHITA  
JAN 13 2014  
RECEIVED



7303 N. Highway 81  
Duncan, OK 73533

# Invoice

Date:	Invoice #:
4/24/2013	0000003411

Phone # (580) 255-3111

<b>Bill To</b>
MidState Petroleum, LLC 321 S Boston Suite 1000 Tulsa, OK 74103

<b>Description of Work</b>
RICE, COUNTY KS AFE N/A API 15-159-22733-01-00
Job Type: Intermediate

Field Receipt	Terms	Service Date	Due Date	AFE No	Lease/Well Name
SOK2609	Net 30	4/22/2013	5/24/2013	AFE N/A	FRY FARMS 1H-23

Item	Description	U/M	Qty	Price Each	Amount	Disc %	Disc Amt	Net Amount

Contact: MidState Petroleum, LLC	<b>Subtotal Amount</b>	35,328.78
	<b>Sales Tax</b>	331.01
	<b>Discount Amount</b>	-19,051.59
	<b>Payment/Credit Amount</b>	0.00
	<b>Total Net Amount</b>	16,608.20

KCC WICHITA

JAN 13 2014

RECEIVED

423-15  
35

O-Tex Pumping LLC

Service Location Fairview, Oklahoma  
Service Address Rt 1 Box 51 73737

Service Date: 4/22/2013  
Customer Midstates Petroleum  
Address:  
City  
St  
Customer Rep Ed Puffinbarger  
Phone 713-758-0862

FIELD RECEIPT  
Phone number 580-227-2727

Project Number: SOK 2609

Well Name: Fry Farms  
Well Number: 1H-23  
County: Rice  
State: Kansas  
API # 15-159-22733-01-00  
AFE # 0  
PERMIT #

JOB TYPE Job Type  
CASING SIZE Intermediate  
Serv. Sup. John Hall  
Page 1 of 1

PUMP #1 024302B-Double  
PUMP #2 0

REF #	DESCRIPTION	U OF MEAS.	UNIT PRICE	QUAN	GROSS	%DISC	disc	NET
ML001	Pickup Mileage	per mile/ per Unit	\$ 4.26	340.0	\$1,448.40	51%	\$738.68	\$709.72
ML002	Pump Truck/Heavy Vehicle Mileage	per mile/ per Unit	\$ 7.32	170.0	\$1,244.40	51%	\$634.84	\$809.76
ML003	Bulk Cement Delivery/Return	per Ton-Mile	\$ 2.95	1,951.0	\$5,755.45	51%	\$2,935.28	\$2,820.17
MX001	Bulk Material Mixing Service Charge	per cuft	\$ 3.27	280.0	\$915.60	51%	\$466.96	\$448.64
CC004	Pump Charge 3001-4000'	(per 4 hrs)	\$ 3,724.38	1.0	\$3,724.38	51%	\$1,899.43	\$1,824.95
CC015	Pump Charge Additional Hours	per hour/per unit	\$ 588.06	6.0	\$3,528.36	35%	\$1,234.93	\$2,293.43
JM001	Data Acquisition System	Per Job	\$ 1,437.48	1.0	\$1,437.48	51%	\$733.11	\$704.37
AE014	Environmental Fee*	per job	\$ 228.69	1.0	\$228.69	51%	\$116.63	\$112.06
PC003	Employee/Supervisor Retention/perdiem	per job	\$ 1,306.80	4.0	\$5,227.20	90%	\$4,704.48	\$522.72
ML014	Fuel Surcharge *	per unit perjob	\$ 653.40	1.0	\$653.40	51%	\$333.23	\$320.17
AE003	Circulation Equipment( 40' of equipment)	per job	\$ 1,633.50	1.0	\$1,633.50	51%	\$833.09	\$800.42
AE002	Cement Head with manifold	per job	\$ 1,176.12	1.0	\$1,176.12	51%	\$599.82	\$676.30
CL011	7" Top Rubber Plug	Each	\$ 203.28	1.0	\$203.28	35%	\$71.15	\$132.13
CSB002	50/50 Poz with Premium (Includes 2% Gel)	per sk	\$ 22.28	260.0	\$5,792.80	46%	\$2,664.69	\$3,128.11
CP004	CF-37 (Dispersant)	per lb	\$ 13.55	22.0	\$298.10	46%	\$137.13	\$160.97
CP034	CF - 51 (Anti settling agent)	per lb	\$ 27.10	22.0	\$596.20	46%	\$274.25	\$321.95
CP011	Kolseal	per lb	\$ 1.02	520.0	\$530.40	46%	\$243.98	\$286.42
CP033	CF-41P (Powder Defoamer)	perlb	\$ 5.42	109.0	\$590.78	46%	\$271.76	\$319.02
CP009	CF-41 (Foam Preventer)	per gal	\$ 86.06	4.0	\$344.24	46%	\$158.35	\$185.89
					\$35,328.78		\$19,051.60	\$16,277.18

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMERS AGENT.

Customer Authorized Agent: Don Morley

RECEIVED  
 JAN 13 2014  
 KCC WICHITA

# SERVICE ORDER CONTRACT

Customer Name Midstates Petroleum Ticket Number SOK 2609

Lease & Well Number Fry Farms 1H-23 Date 4/22/2013

As consideration, The Above Named customer Agrees:

O-TEX Pumping L.L.C. shall not be responsible for and customer shall secure O-TEX pumping against any liability for damage to property of customer and of the well owner (if different from customer), unless caused by the willful misconduct or gross negligence of O-TEX pumping, this provision applying to but not limited to subsurface damage and surface damage arising from subsurface damage.

O-TEX makes no guarantee to the effectiveness of the products, supplies, or materials, nor of the results of any treatment or services. Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, O-TEX personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others except where due to O-TEX gross negligence or willful misconduct in the preparation or furnishing it.

Invoices payable NET 30 days following the date on the invoice.

Upon customers default in payment of the customers account by the last day of the month following the month in which the invoice is dated.

Customer agrees to pay interest thereon after at the highest lawful contract rate applicable but never to exceed 18% per annum in the event it becomes necessary to employ an attorney to enforce collection of said account.

Customer agrees to pay all collection costs and attorney fees in the amount of 25% of the unpaid account.

Service order: I authorize work to begin per service instructions in accordance with terms and conditions printed on this form and represent that I have authority to accept and sign this order.

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMERS AGENT.

Customer Authorized Agent: 

KCC WICHITA

JAN 13 2014

RECEIVED



<b>JOB SUMMARY</b>			PROJECT NUMBER <b>SOK 2609</b>	TICKET DATE <b>04/22/13</b>
COUNTY <b>Rice</b>	STATE <b>Kansas</b>	COMPANY <b>Midstates Petroleum</b>	CUSTOMER REP <b>Ed Puffinbarger</b>	
LEASE NAME <b>Fry Farms</b>	WELL No. <b>1H-23</b>	JOB TYPE <b>Intermediate</b>	EMPLOYEE NAME <b>John Hall</b>	

EMP NAME <b>John Hall</b>	<b>0</b>				
<b>Bryan Douglas</b>					
<b>Rocky Anthis</b>					
<b>Joseph Klemm</b>					

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_  
 Packer Type \_\_\_\_\_ Set At **0**  
 Bottom Hole Temp. **155** Pressure \_\_\_\_\_  
 Retainer Depth \_\_\_\_\_ Total Depth **3709**

Date	Called Out <b>4/22/2013</b>	On Location <b>4/22/2013</b>	Job Started <b>4/22/2013</b>	Job Completed <b>4/22/2013</b>
Time	<b>400</b>	<b>1000</b>	<b>1800</b>	<b>2000</b>

Type and Size	Qty	Make
Auto Fill Tube	0	IR
Insert Float Val	0	IR
Centralizers	0	IR
Top Plug	0	IR
HEAD	0	IR
Limit clamp	0	IR
Weld-A	0	IR
Texas Pattern Guide Shoe	0	IR
Cement Basket	0	IR

New/Used		Weight	Size	Grade	From	To	Max. Allow
Casing		26#	7"		Surface	3,709	5,000
Liner							
Liner							
Tubing			0				
Drill Pipe							
Open Hole			6 1/2"		Surface	3,709	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials			
Mud Type	WBM	Density	g Lb/Gal
Disp. Fluid	Fresh Water	Density	<b>8.33</b>
Spacer type	resh Water BBL		<b>10</b>
Spacer type	BBL		<b>8.33</b>
Acid Type	Gal.	%	
Acid Type	Gal.	%	
Surfactant	Gal.	In	
NE Agent	Gal.	In	
Fluid Loss	Gal/Lb	In	
Gelling Agent	Gal/Lb	In	
Fric. Red.	Gal/Lb	In	
MISC.	Gal/Lb	In	

Perpac Balls \_\_\_\_\_ Qty. \_\_\_\_\_  
 Other \_\_\_\_\_  
 Other \_\_\_\_\_  
 Other \_\_\_\_\_  
 Other \_\_\_\_\_

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
4/22	10.0	4/22	2.0	Intermediate
Total	10.0	Total	2.0	

Pressures	
MAX	5,000 PSI. AVG.
MAX	6 Average Rates in BPM AVG
Feet	47 Cement Left in Pipe Reason SHOE JOINT

Stage	Sacks	Cement	Additives	W/Rg.	Yield	Lbs/Gal
1	260	50/50 Poz Premium	2% Gel - 0.1% C-61 - 0.1% C-37 - 2pps Kolseal - 0.6% C-41P	5.61	1.27	14.20
2	0	0		0	0.00	0.00
3	0	0		0	0.00	0.00

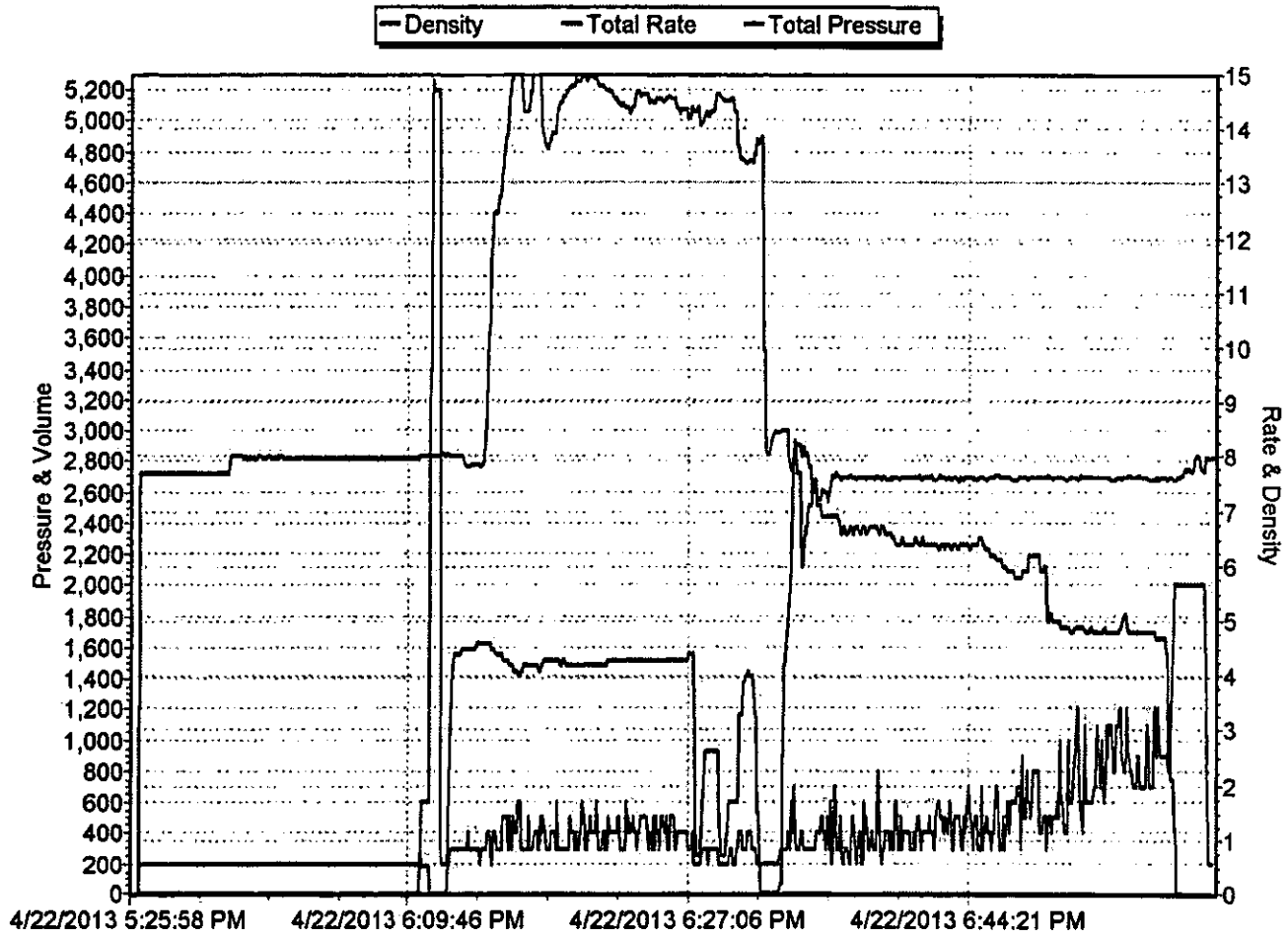
Summary			
Preflush Breakdown	10.0 Type: water	Preflush: BBI	10.00 Type: Fresh Water
	MAXIMUM 5,000 PSI	Load & Bkdn: Gal - BBI	N/A
	Lost Returns-N NOT/FULL	Excess /Return BBI	N/A
	Actual TOC 2.106	Calc. TOC:	2.106
Average	Bump Plug PSI: 900	Final Circ. PSI:	
15 Min.	10 Min.	Cement Sturrv. BBI	68.8
		Total Volume BBI	209.01

CUSTOMER REPRESENTATIVE *Alan Mendez* SIGNATURE

KCC WICHITA  
 JAN 13 2014  
 RECEIVED



# Midstates Petroleum Fry Farms 1H-23



KCC WICHITA

JAN 13 2014

RECEIVED



Job Site Safety Meeting Attendance Sheet

Date: 4/22/2013

Job Site Leader: John Hall

Max Pressure: 5,000 psi PSI

Company - Lease - Well #: Midstates Petroleum / Fry Farms 1H-23

Ticket #: SOK 2609

Employee Name *** Please Print ***	Employee Number	Unit Number	Trailer Number	Unit Type	Location	Company Name
---------------------------------------	--------------------	----------------	-------------------	--------------	----------	-----------------

1	John Hall	1342	14035		Pickup	Fry Farm 1H-23	Midstates Petroleum
2	Bryan Douglas	1767	42626	10243	Pump	Fry Farm 1H-23	Midstates Petroleum
3	Rocky Anthis	1367				Fry Farm 1H-23	Midstates Petroleum
4	Joseph Klemm	1772	87830	24223	Bulk	Fry Farm 1H-23	Midstates Petroleum
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Job Site Safety Leader: John Hall

Report all Minor Injuries, Accidents, Vehicle Accidents or Environmental Spills  
Immediately.

KCC WICHITA

JAN 13 2014

RECEIVED

# Job Data Sheet



COMPANY <b>Midstates Petroleum</b>		PROJECT NUMBER <b>SOK 2609</b>	AFE/WORK ORDER <b>0</b>	DATE <b>4/22/2013</b>	
CONTRACTOR <b>Nabors #774</b>		Owner <b>Same</b>	LEGAL DESCRIPTION <b>23/20S/6W</b>	API <b>15-159-22733-01-00</b>	
LEASE & WELL # <b>Fry Farms 1H-23</b>		COUNTY <b>Rice</b>	STATE <b>Kansas</b>	MILEAGE <b>170</b>	
DIRECTIONS <b>McPherson, KS - West on HWY 56 for 13 mi. - South 5 mi. - 1.3 mi. West - South into location</b>					
Pumping Services	<input type="checkbox"/> Surface <input checked="" type="checkbox"/> Intermediate <input type="checkbox"/> Long String <input type="checkbox"/> Plug Back <input type="checkbox"/> Squeeze <input type="checkbox"/> Acid <input type="checkbox"/> PTA <input checked="" type="checkbox"/> Other    ( ) H2S				
	Casing Size	Casing Weight	Thread	Thread	
	<b>7"</b>	<b>26#</b>	<b>8rd</b>		
	Number and Type Units		Plug Cont.	Swage	
<b>Pump Truck &amp; Bulk Materials</b>		Top Plug	Bottom Plug	% Excess	
		<b>YES</b>	<b>YES</b>	<b>YES</b>	
			<b>NO</b>	<b>40%</b>	
		Casing Depth	Hole Depth	Hole Size	
		<b>3709'</b>	<b>3709'</b>	<b>8 1/2"</b>	
Remarks		Est BHST	KOP	Depth-TVD	
<b>TOC - 2,300'</b>		<b>155'</b>		<b>WBM</b>	
Materials	LEAD	# of Sacks	Type	Additives	
	58.81	<b>260</b>	<b>50/50 Poz Premium</b>	<b>2% Gel - 0.1% C-51 - 0.1% C-37 - 2pps Kolseal - 0.5% C-41P</b>	
	H2O TO MIX	Weight PPG	Yield FB/Sk		Water Gal/Sk
		<b>14.20</b>	<b>1.27</b>		<b>5.61</b>
	TAIL	# of Sacks	Type	Additives	
	0.00				
	H2O TO MIX	Weight PPG	Yield FB/Sk	Water Gal/Sk	
		# of Sacks	Type	Additives	
	Weight PPG	Yield FB/Sk	Water Gal/Sk		
	ACID	Type	Additives		
	Inhibitor	Surfactant	Clay cont.		
	Spacer or Flush	Quantity	Type	Additives	
		<b>10 bbbls</b>	<b>Fresh Water</b>		
	Spacer or Flush	Quantity	Type	Additives	
	Other	Quantity	Type	Additives	
Crew Called	<b>Cementer</b>	<b>Pumper</b>	<b>Bulky</b>	<b>Bulky</b>	
	<b>John Hall</b>	<b>Bryan Douglas</b>	<b>Rocky Anthis</b>	<b>Joseph Klemm</b>	
Special Request					
Sales Items	Casing Size	Casing Weight	Thread		
	Guide Shoe	Float Shoe	Float Collar	Insert Float Valve	
	Centralizers - Number	Size	Type		
	Wall Cleaners - Number	Type	MSC (DV Tool)	MSC Plug Set	
	Limit Clamps	Thread lock	Other		
	Circulating Iron	<b>7" 8RD SWAGE, SW, DW, 2 HOSES</b>			
Customer Rep.	Cell Phone	Office Phone	Fax	Time of Call	
<b>Ed Puffinbarger</b>	<b>713-758-0862</b>				
Call Taken By	Date Ready	Time Ready			
<b>Jared Sisco</b>	<b>4/22/13</b>	<b>4/22/2013 1000</b>			
Crew Called	Time				
<b>John Hall</b>	<b>4/22/13 5:00</b>				

KCC WICHITA

JAN 13 2014

RECEIVED

**O-Tex**  
Pumping, LLC



Trailer Number: 87830/24223

Driver Name \_\_\_\_\_

**Front Pot**  
**LEAD**

Cement 50/50 CLASS H/POZ  
260 sks

**CEMENT ADDITIVES**

2% GEL	
.1% C-51	
.1% C-37	
2 PPS KOL-SEAL	
.5% C-41P	

**Rear Pot**  
**EMPTY**

Cement \_\_\_\_\_  
\_\_\_\_\_ sks

COMPANY: Midstates DATE: 4/22/2013

LEASE: Fry Farms 1H-23 TICKET: SOK2609

KCC WICHITA  
JAN 13 2014  
RECEIVED

API No.  
**15-159-22733-01-00**

OTC/OCC Operator No.  
**34787-0**

**CEMENTING REPORT**  
To Accompany Completion Report

Form 1002C  
Rev. 1996

**OKLAHOMA CORPORATION COMMISSION**  
Oil & Gas Conservation Division  
Post Office Box 52000-2000  
Oklahoma City, Oklahoma 73152-2000  
OAC 165:10-3-4(h)

All operators must include this form when submitting the Completion Report, (Form 1002A). The signature on this statement must be that of qualified employees of the cementing company and operator to demonstrate compliance with OAC 165:10-3-4(h). It may be advisable to take a copy of this form to location when cementing work is performed.

**TYPE OR USE BLACK INK ONLY**

*Field Name <b>0</b>	OCC District		
*Operator <b>Midstates Petroleum</b>	OCC/OTC Operator No <b>34787-0</b>		
*Well Name/No. <b>Fry Farms 1H-23</b>	County <b>Rice</b>		
*Location <b>1/4 SE 1/4 SW 1/4 SE 1/4 SW</b>	Sec <b>23</b>	Twp <b>20S</b>	Rge <b>6W</b>

Cement Casing Data	Conductor Casing	Surface Casing	Alternative Casing	Intermediate Casing	Production String	Liner
Cementing Date				<b>4/22/2013</b>		
*Size of Drill Bit (inches)				<b>8 3/4"</b>		
*Estimated % wash or hole enlargement used in calculations				<b>40%</b>		
*Size of Casing (inches O.D.)				<b>7"</b>		
*Top of Liner (if liner used) (ft.)				<b>N/A</b>		
*Setting Depth of Casing (ft.) from ground level				<b>3709</b>		
Type of Cement (API Class) in first (lead) or only slurry				<b>60/50 Poz Premium</b>		
In second slurry				<b>n/a</b>		
In third slurry				<b>N/A</b>		
Sacks of Cement Used in first (lead) or only slurry				<b>260</b>		
In second slurry				<b>n/a</b>		
In third slurry				<b>N/A</b>		
Vol of slurry pumped (Cu ft)(14.X15.) in first (lead) or only slurry				<b>330.2</b>		
In second slurry				<b>n/a</b>		
In third slurry				<b>N/A</b>		
Calculated Annular Height of Cement behind Pipe (ft)				<b>2106</b>		
Cement left in pipe (ft)				<b>47</b>		

\*Amount of Surface Casing Required (from Form 1000) \_\_\_\_\_ ft.

*Was cement circulated to Ground Surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	*Was Cement Staging Tool (DV Tool) used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
*Was Cement Bond Log run? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (If so, Attach Copy)	*If Yes, at what depth? _____ ft.

CEMENTING COMPANY AND OPERATOR MUST COMPLY WITH THE INSTRUCTIONS ON REVERSE SIDE OF FORM

\* Designates items to be completed by Operator.  
Items not so designated shall be completed by the Cementing Company.

**KCC WICHITA**

**JAN 13 2014**


**RECEIVED**

Remarks  
 Cement #1: 50/50 Poz Premium: 2% Gel - 0.1% C-51 - 0.1%  
 C-37 - 2pps Kalseal - 0.5% C-41P \* Cement # 2: 0: 0 \*  
 Cement #3: 0: 0 \* Cement #4: : \* Cement #5: :

\*Remarks

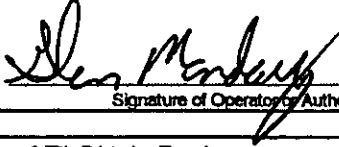
**CEMENTING COMPANY**

I declare under applicable Corporation Commission rule, that I am authorized to make this certification, that the cementing of casing in this well as shown in the report was performed by me or under my supervision, and that the cementing data and facts presented on both sides of this form are true, correct and complete to the best of my knowledge. This certification covers cementing data only.

  
 \_\_\_\_\_  
 Signature of Cementer or Authorized Representative

**OPERATOR**

I declare under applicable Corporation Commission rule, that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report, and that data and facts presented on both sides of this form are true, correct and complete to the best of my knowledge. This certification covers all well data and information presented herein.

  
 \_\_\_\_\_  
 Signature of Operator or Authorized Representative

Name & Title Printed or Typed  
 John Hall

O-TEX Pumping LLC

Address  
 7303 N. Hwy 81

City  
 Duncan

State  
 OK

Zip  
 73533

Telephone (AC) Number  
 580-251-9919

Date  
 April 22, 2013

\*Name & Title Printed or Typed

\*Operator

\*Address

\*City

\*State

\*Zip

\*Telephone (AC) Number

\*Date

**INSTRUCTIONS**

1. A) This form shall be filed by the operator, at the O.C.C. office in Oklahoma City, as an attachment to the Completion Report (Form 1002A) for a producing well or a dry hole.
- B) An original of this form shall be filed as an attachment to the Completion Report, (Form 1002A), for each cementing company used on a well.
- C) The cementing of different casing strings on a well by one cementing company may be consolidated on one form.
2. Cementing Company and Operator shall comply with the applicable portions of OAC 165:10-3-4(h).
3. Set surface casing 50 feet below depth of treatable water to be protected and cement from casing shoe to ground surface or as allowed by OAC 165:10-3-4(h).
4. IF SETTING ANYTHING OTHER THAN THE FULL AMOUNT OF SURFACE CASING, BE SURE TO FOLLOW CORPORATION COMMISSION RULES.

**KCC WICHITA**

JAN 13 2014

RECEIVED