



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1191978  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

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

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # \_\_\_\_\_

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

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

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

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

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
- Plug Back       Conv. to GSW       Conv. to Producer
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - \_\_\_\_\_

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

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

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum:  NAD27       NAD83       WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

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

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ 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

(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 #: \_\_\_\_\_

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

1191978

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No  List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input 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	# Sacks Used	Type and Percent Additives

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				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

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

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
-------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

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

<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 type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Murfin Drilling Co., Inc.
Well Name	McMillen Trust OWWO 1-27
Doc ID	1191978

All Electric Logs Run

Dual Induction
Dual Compensated Porosity
Microresistivity
Borehole Compensated







Acctg —  
cc: WF  
cc: Lin  
cc: L-1

PAGE	CUST NO	INVOICE DATE
1 of 1	1002852	11/13/2013
INVOICE NUMBER		
1718 - 91335343		

Pratt (620) 672-1201  
B MURFIN DRILLING  
I PO Box: 288  
L RUSSELL  
L KS US 67665  
T  
O ATTN: ACCOUNTS PAYABLE

J LEASE NAME McMillen Trust OWWO 1-27  
O LOCATION  
B COUNTY Stafford  
S STATE KS  
I JOB DESCRIPTION Cement-Casing Seat-Prod W  
T JOB CONTACT  
E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40661930	20920		Net - 30 days	12/13/2013

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 11/10/2013 to 11/10/2013</i>				
0040661930				
171809399A Cement-Casing Seat-Prod W 11/10/2013 Cement 5 1/2" Longstring				
AA2 Cement	150.00	EA	12.75	1,912.41 T
60/40 POZ	80.00	EA	9.00	719.96 T
C-41P	29.00	EA	3.00	87.00 T
Salt	753.00	EA	0.37	282.36 T
Cement Friction Reducer	43.00	EA	4.50	193.49 T
C-44	141.00	EA	3.86	544.58 T
FLA-322	71.00	EA	5.62	399.35 T
Gilsonite	750.00	EA	0.50	376.85 T
Mud Flush	500.00	EA	0.64	322.48 T
Claymax KCL Substitute	4.00	EA	26.25	104.99 T
"Latch Down Plug & Baffle, 5 1/2" (Blue)	1.00	EA	299.98	299.98 T
"Auto Fill Float Shoe 5 1/2" (Blue)"	1.00	EA	269.98	269.98 T
"Turbolizer, 5 1/2" (Blue)"	10.00	EA	82.50	824.95 T
Cement Scratchers Rotating Type	18.00	EA	37.50	674.96 T
"Unit Mileage Chg (PU, cars one way)"	45.00	MI	3.19	143.43 T
Heavy Equipment Mileage	90.00	MI	5.25	472.47 T
"Proppant & Bulk Del. Chgs., per ton mil	473.00	EA	1.20	567.57 T
Depth Charge; 3001-4000'	1.00	EA	1,619.91	1,619.91 T
Blending & Mixing Service Charge	230.00	BAG	1.05	241.49 T
Plug Container Util. Chg.	1.00	EA	187.49	187.49 T
Casing Swivel Rental	1.00	EA	149.99	149.99 T
"Service Supervisor, first 8 hrs on loc.	1.00	EA	131.24	131.24 T

USED FOR IC 103  
APPROVED [Signature]

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	10,526.93
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	752.68
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	11,279.61
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		



**BASIC**<sup>SM</sup>  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61  
P.O. Box 8613  
Pratt, Kansas 67124  
Phone 620-672-1201

FIELD SERVICE TICKET  
1718 09399 A

27-225-13W

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB 11-10-13		DISTRICT Pratt, Kansas		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input checked="" type="checkbox"/>		PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/>		CUSTOMER ORDER NO.:	
CUSTOMER Murfin Drilling Company, Inc.				LEASE McMillen Trust O.W.W.O.				WELL NO. 1-27	
ADDRESS				COUNTY Stafford		STATE Kansas			
CITY				STATE		SERVICE CREW C. Messick, S. Young, N. Smiley			
AUTHORIZED BY				JOB TYPE: <del>Cable</del> Lowstring-CESPW					
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
37216							11-10-13	PM	1:30
						ARRIVED AT JOB		PM	3:15
33708-20920	3/4					START OPERATION		AM	5:00
						FINISH OPERATION		PM	5:46
19831-19862	3/4					RELEASED	11-10-13	AM	7:00
						MILES FROM STATION TO WELL			45

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: Craig D. [Signature]  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 105	AA2 Cement	sh	150	\$	2,550 00
CP 103	60/40 Poz Cement	sh	80	\$	960 00
CC 105	Defoamer	Lb	29	\$	116 00
CC 111	Salt	Lb	753	\$	376 50
CC 112	Cement Friction Reducer	Lb	43	\$	258 00
CC 115	Gas Blot	Lb	141	\$	726 15
CC 129	Fluid Loss	Lb	71	\$	532 50
CC 201	Gilsonite	Lb	750	\$	502 50
CF 607	Latch Down Plug and Baffle, 5 1/2"	ea	1	\$	400 00
CF 1251	Auto Fill Float Shoe, 5 1/2"	ea	1	\$	360 00
CF 1651	Turbolizer, 5 1/2"	ea	10	\$	1,100 00
CF 2002	Rotating Scratchers	ea	18	\$	900 00
CC 151	Mud Flush	Gal	500	\$	430 50
C 704	Claymat	Gal	4	\$	140 00

CHEMICAL / ACID DATA:			

SUB TOTAL		
SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		16

SERVICE REPRESENTATIVE: [Signature] THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [Signature]  
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.



**BASIC**<sup>SM</sup>  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61  
P.O. Box 8613  
Pratt, Kansas 67124  
Phone 620-672-1201

**FIELD SERVICE TICKET**

1718 09399 A

27-229-15W

DATE TICKET NO

DATE OF JOB: 11-10-13		DISTRICT: Pratt		NEW WELL <input checked="" type="checkbox"/>		OLD WELL <input checked="" type="checkbox"/>		PROD <input type="checkbox"/>		INJ <input type="checkbox"/>		WDW <input type="checkbox"/>		CUSTOMER ORDER NO.	
CUSTOMER: Martin Drilling Company Inc				LEASE: Mc Miller T-101010				WELL NO: 27							
ADDRESS:				COUNTY: Stafford				STATE: Kansas							
CITY:				STATE:				SERVICE CREW: [unclear]							
AUTHORIZED BY:				JOB TYPE: [unclear] - CCSW											
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME					
27316						ARRIVED AT JOB				3:15					
3708-20120	3/4					START OPERATION									
						FINISH OPERATION				5:46					
11-11-12	3/4					RELEASED				7:00					
						MILES FROM STATION TO WELL				45					

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: [Signature]  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CF 105	192 cement	sk	150	\$	2,550.00
CF 103	60/40 Pore Cement	sk	30	\$	960.00
CF 109	Defliner	ll	29	\$	116.00
CF 111	Ball	ll	753	\$	376.50
CF 112	Cement Finishing Reducer	ll	43	\$	258.00
CF 115	Gas Blok	ll	141	\$	726.15
CF 121	Fluid Loss	ll	71	\$	532.50
CF 201	Gelwater	ll	790	\$	502.50
CF 107	1/2" Drill Pipe 10' Baffle 575	ea	1	\$	400.00
CF 1251	1" Full Flow Shoe 575	ea	1	\$	360.00
CF 1091	1" Drill Pipe 575	ea	10	\$	1,100.00
CF 202	1" Drill Pipe 575	ea	19	\$	900.00
CF 101	1" Drill Pipe	ea	500	\$	4300.00
CF 101	1" Drill Pipe	ea	4	\$	140.00

SUB TOTAL

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	% TAX ON \$	
MATERIALS	% TAX ON \$	
TOTAL		46

SERVICE REPRESENTATIVE: [Signature]	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [Signature]
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FIELD SERVICE ORDER NO.

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)





**BASIC**<sup>SM</sup>  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61  
P.O. Box 8613  
Pratt, Kansas 67124  
Phone 620-672-1201

FIELD SERVICE TICKET

1718 09400 A

27-225-13W

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB 11-10-13		DISTRICT Pratt, Kansas		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input checked="" type="checkbox"/>		PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/>		CUSTOMER ORDER NO.:	
CUSTOMER Murfin Drilling Company, Inc.				LEASE McMillen Trust O.W. No.				WELL NO. 1-27	
ADDRESS				COUNTY Stafford		STATE Kansas			
CITY				STATE		SERVICE CREW C. Messick; S. Young, N. Smiley			
AUTHORIZED BY				JOB TYPE: <del>CCBPW</del> - Longstring - CCBPW					
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
						ARRIVED AT JOB		AM	PM
						START OPERATION		AM	PM
						FINISH OPERATION		AM	PM
						RELEASED		AM	PM
						MILES FROM STATION TO WELL			

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

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SIGNED: *Craig DeWitt*  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
E 100	Pickup Mileage	Mi	45	\$	191.25
E 101	Heavy Equipment Mileage	mi	90	\$	630.00
E 113	Bultr Delivery	tm	473	\$	756.00
CE 204	Cement Pump: 300 Feet To 4,000 Feet	hrs	4	\$	2160.00
CE 240	Blending and mixing Service	str	230	\$	322.00
CE 504	Plug Container	Job	1	\$	250.00
CE 501	Casing Swivel	Job	1	\$	200.00
5003	Service Supervisor	hrs	8	\$	175.00

CHEMICAL / ACID DATA:			

SUB TOTAL		\$ 19,526.93
SERVICE & EQUIPMENT	% TAX ON \$	
MATERIALS	% TAX ON \$	
TOTAL		

SERVICE REPRESENTATIVE <i>R. M. David</i>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <i>Craig DeWitt</i> (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
-------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------

FIELD SERVICE ORDER NO.



**BASIC**<sup>SM</sup>  
ENERGY SERVICES

PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61  
P.O. Box 8613  
Pratt, Kansas 67124  
Phone 620-672-1201

FIELD SERVICE TICKET

1718 00400 A

27-228-13W

DATE: TICKET NO.

DATE OF JOB: 11/10/13	DISTRICT: Pratt, Kansas	NEW WELL <input checked="" type="checkbox"/>	OLD WELL <input checked="" type="checkbox"/>	PROD <input type="checkbox"/>	INJ <input type="checkbox"/>	WDW <input type="checkbox"/>	CUSTOMER ORDER NO.			
CUSTOMER: Murbio Drilling Company, Inc.	LEASE: Mc Miller Tract 10W	WELL NO. 137								
ADDRESS:	COUNTY: Stafford	STATE: Kansas								
CITY:	STATE:	SERVICE CREW: Murbio Drilling Co. Inc.								
AUTHORIZED BY:	JOB TYPE: <del>Well</del> - CCBPW									
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
						ARRIVED AT JOB				
						START OPERATION				
						FINISH OPERATION				
						RELEASED				
						MILES FROM STATION TO WELL				

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

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SIGNED: *[Signature]*  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
E 100	Picture Mileage	Mi	45	\$	191 25
E 101	Heavy Equipment Mileage	m.	90	\$	630 00
E 113	Full Delivery	mi	473	\$	756 00
CE 204	Cement Pump 300 feet T-4 cement	hr.	4	\$	2160 00
CE 240	Bleed off and mixing service	hr	230	\$	322 00
CE 504	Plug Cement	T.L	1	\$	250 00
CE 501	Casing gravel	T.L	1	\$	200 00
5003	Service Supervisor	hr	8	\$	175 00

CHEMICAL / ACID DATA:			

SUB TOTAL	\$ 16,000.00
SERVICE & EQUIPMENT	% TAX ON \$
MATERIALS	% TAX ON \$
TOTAL	

SERVICE REPRESENTATIVE: <i>[Signature]</i>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <i>[Signature]</i>
--------------------------------------------	----------------------------------------------------------------------------------------

FIELD SERVICE ORDER NO.

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

# BASIC

energy services, L.P.

## TREATMENT REPORT

Customer Murfin Drilling Company, Inc.	Lease No. Mc Millen Trust O&W	Well # 1-27	Date 11-10-13
Field Order # 4399	Station Pratt, Kansas	Casing 5/2 17Lb	Depth 3920 feet
Type Job <del>CCSPW</del> - Longstring - CCSPW	Formation	County Stafford	State Kansas
Legal Description 27-225-13W			

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 5/2 17Lb	Tubing Size 10 1/2" 17Lb	Shots/Ft 150	sacks 50	AA 2 cement	with .58 Fluid	RATE 18 GPM	PRESS 108 PSI	ISIP 5.38 Friction
Depth 3920 feet	Depth From	From	Reduced	28 Defoamer	Max	18 Gas	Blot	108 Salt
Volume 90.9 Bbl.	Volume From	From	To	5 Lb. 6 ft. Gilsonite	Min			10 Min.
Max Press	Max Press	From	To	15 Lb./Gal. 5.0	Avg	Gal./Stk.	1.43	CU. Ft. 15 Min.
Wall Connection Plug Container	Annulus Vol. From	From	To	50 sacks 60/40 Poz to Plug Rate	HHP Used 30 sacks	Annulus Pressure Notes		
Plug Depth 2899 feet	Packer Depth From	From	To	Flush 90.4 Bbl. 28 RCL	Gas Volume	Total Load		

Customer Representative Craig Hutchison	Station Manager Kevin Gordley	Treater Clarence R. Messick
Service Units 37,216	33,708	20,920
Driver Names Messick	Young	Dillard

Time P.M.	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
3:15					Trucks on location and hold safety meeting.
2:30					Murfin Drilling start to run Auto Fill Float Shoe, Shoe Joint with Latch Down Baffle screwed into collar and a total of 93 Joints new 17Lb/Ft. 5/2" casing. A Turbolizer was installed on collars #1, 3, 5, 7, 9, 11, 13, 15 and #19.
4:00					Casing in well. Circulate and Rotate for 1 Hour.
5:00		2,000			shut in well. Pressure Test. Open Well.
5:03	300			6	start Fresh water Pre-Flush.
	1		20	5	start mud Flush
			32	6	start Fresh water spacer
5:12	300		52	5	Start mixing 50 sacks 60/40 Poz Blend cement
5:15			63	5	start mixing 150 sacks AA2 Blend cement
	-0-		101		stop pumping. Shut in well. Wash pump and lines Release Latch Down Plug. Open Well.
5:28	150			6.5	Start 28 HCL Displacement.
			65	5	start to lift cement.
5:46	600		90.4		Plug down.
	1,500				Pressure up.
					Release pressure Float Shoe held.
			7	3	Plug Rat Hole.
					Wash up pump truck.
T:00					Job Complete.
					Thank You.