

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL Form ACO-1
September 1989
Form Must Be Typed

CONFIDENTIAL

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

12/30/11

Operator: License # 33476
Name: FIML Natural Resources, LLC
Address: 410 17th Street Ste. 900
City/State/Zip: Denver, CO. 80202
Purchaser: NA
Operator Contact Person: Cassandra Parks
Phone: (303) 893-5090
Contractor: Name: Murfin Drilling Company DEC 30 2009
License: 30606
Wellsite Geologist: _____

Designate Type of Completion:
 New Well _____ Re-Entry _____ Workover _____
_____ Oil SWD _____ SLOW _____ Temp. Abd.
_____ Gas _____ ENHR _____ SIGW
_____ Dry _____ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____
_____ Deepening _____ Re-perf. _____ Conv. to Enhr./SWD
_____ Plug Back _____ Plug Back Total Depth _____
_____ Commingled _____ Docket No. _____
_____ Dual Completion _____ Docket No. _____
 Other (SWD or Enhr.?) _____ Docket No. D-30,521

09/16/2009	09/24/2009	11/05/2009
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 171-20725-00-00
County: Scott
E2 NW NW SE Sec. 16 Twp. 19 S. R. 31 East West
2,310 feet from (S) N (circle one) Line of Section
2,275 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: Smith Well #: 10B-16-1931
Field Name: Unknown
Producing Formation: NA
Elevation: Ground: 2961' Kelly Bushing: 2972'
Total Depth: 4868' Plug Back Total Depth: 4868'
Amount of Surface Pipe Set and Cemented at 9 jts 8-5/8" @ 396 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 2953' Feet
If Alternate II completion, cement circulated from 805'
feet depth to surface w/ 215 sx cmt.

Drilling Fluid Management Plan SIUP 15 1-25-10
(Data must be collected from the Reserve Pit)
Chloride content 2900 ppm Fluid volume 1000 bbls
Dewatering method used Evaporation/backfill
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

CHERYL L GALLAGHER
NOTARY PUBLIC
STATE OF COLORADO
MY COMMISSION EXPIRES 10-10-2012

Signature: [Signature]
Title: Regulatory Specialist Date: 12/30/2009
Subscribed and sworn to before me this 30th day of December,
20 09.
Notary Public: [Signature]
Date Commission Expires: 10-10-2012

KCC Office Use ONLY
 Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
RECEIVED
JAN 04 2010
KCC WICHITA

Operator Name: FIML Natural Resources, LLC Lease Name: Smith Well #: 10B-16-1931
 Sec. 16 Twp. 19 S. R. 31 East West County: Scott

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy)
 List All E. Logs Run:

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum
Heebner	3889'	-928
Lansing	3927'	-966
Marmaton	4354'	-1393
Osage	4726'	-1765

Gamma-Ray Neutron CCL

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12-1/4"	8-5/8"	23.0#	396'	class "A"	240	2% gel & 3% CaCl2
Production	7-7/8"	5-1/2"	15.5#	4897'	ASC	355	2% gel, 10% sml, 5pps gl, .25 pps flo
				DV tool 2953'	lightweight	455	0.25 pps flo & 5 pps gil

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	Mouse & rat hole	Lightweight	45	0.25 pps flocele & 5 pps gilsonite

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
	2	4593-4600' (squeezed off)		A/ with 1000 gal 15% MCA, Squeezed w/ 300 sxs	
2	4621-4624' (squeezed off)		Acidized with 250 gal 15% MCA		4621-24'
4	802-05'		Squeezed with 200 sxs lite cement & 15 sxs common		802-05'
2	4824-60' & 4878-4888'		Acidized with 4000 gal 15% INS acid		4824-88'

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-7/8"	4815'	4815'	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr. TBD-WO SWD permit approval
 Producing Method Flowing Pumping Gas Lift Other (Explain)

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

Disposition of Gas Vented Sold Used on Lease (If vented, Submit ACO-18.)
 METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled
 Production Interval Other (Specify)



24 S. Lincoln Street
P.O. Box 31
Russell, KS 67665-2906

Voice: (785) 483-3887
Fax: (785) 483-6566

RECEIVED
SEP 21 2009

2347
INVOICE

Invoice Number: 120000

Invoice Date: Sep 16, 2009

Page: 1

Bill To:
FIML Natural Resources LLC
410 17th St., #900
Denver, CO 80202

Customer ID	Well Name# of Customer P.O.	Payment Terms	
FIML	Smith 10B-16-1931	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Sep 16, 2009	10/16/09

Quantity	Item	Description	Unit Price	Amount
240.00	MAT	Class A Common	15.45	3,708.00
5.00	MAT	Gel	20.80	104.00
8.00	MAT	Chloride	58.20	465.60
253.00	SER	Handling	2.40	607.20
60.00	SER	Mileage 253 sx @.10 per sk per mi	25.30	1,518.00
1.00	SER	Surface	1,018.00	1,018.00
98.00	SER	Extra Footage	0.85	83.30
60.00	SER	Pump Truck Mileage	7.00	420.00
1.00	EQP	Texas Pattern Guide Shoe	268.00	268.00
1.00	EQP	AFU Insert	158.00	158.00
3.00	EQP	Centralizers	49.00	147.00
1.00	EQP	Surface Plug	68.00	68.00

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JAN 07 2010
KCC WICHITA

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 1 1/2% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

\$ 1711.02

ONLY IF PAID ON OR BEFORE

Oct 16, 2009

Subtotal	8,555.10
Sales Tax	309.24
Total Invoice Amount	8,864.34
Payment/Credit Applied	
TOTAL	8,864.34

8100-145
Adam O. Bl...
D09059
- 1711.02
7153.32

ALLIED CEMENTING CO.. LLC. 044295

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665.

SERVICE POINT:
Dakley Ks

DATE <u>9/16/09</u>	SEC. <u>16</u>	TWP. <u>19</u>	RANGE <u>31</u>	CALLED OUT	ON LOCATION <u>730 pm</u>	JOB START <u>1:15 am</u>	JOB FINISH <u>1:45 am</u>
Smith LEASE	WELL # <u>10B-16-1931</u>		LOCATION <u>Scott City 5.70 Shallow water</u>		COUNTY <u>Scott</u>	STATE <u>Ks</u>	
OLD OR NEW (Circle one)			<u>2 E 200 1 E 1/2 N Emto</u>				

CONTRACTOR <u>Murkin 22</u>	OWNER <u>Same</u>
TYPE OF JOB <u>Sur Face</u>	
HOLE SIZE <u>12 1/4</u> T.D. <u>398'</u>	CEMENT AMOUNT ORDERED <u>240 SK Com 390cc</u>
CASING SIZE <u>8 5/8</u> DEPTH <u>396'</u>	<u>270 gel</u>
TUBING SIZE DEPTH	
DRILL PIPE DEPTH	
TOOL DEPTH	
PRES. MAX MINIMUM	COMMON <u>240</u> @ <u>15.95</u> <u>3708.00</u>
MEAS. LINE SHOE JOINT <u>42.68</u>	POZMIX @
CEMENT LEFT IN CSG.	GEL <u>5</u> @ <u>20.80</u> <u>104.00</u>
PERFS.	CHLORIDE <u>8</u> @ <u>58.20</u> <u>465.60</u>
DISPLACEMENT <u>22 1/2 BBL</u>	ASC @

EQUIPMENT

PUMP TRUCK CEMENTER <u>Alan</u>
<u>922</u> HELPER <u>Wynn</u>
BULK TRUCK
<u>277</u> DRIVER <u>Terry</u>
BULK TRUCK
DRIVER

HANDLING <u>253 SK</u> @ <u>2.40</u> <u>607.20</u>
MILEAGE <u>10.5K/mile</u> @ <u>15.10</u> <u>158.50</u>
TOTAL <u>6402.80</u>

REMARKS:

Cement Did Circulate

SERVICE

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24 S. Lincoln Street
 P.O. Box 31
 Russell, KS 67665-2906

Voice: (785) 483-3887
 Fax: (785) 483-5566

2577

INVOICE

Invoice Number: 120090
 Invoice Date: Sep 25, 2009
 Page: 1

Bill To:
 FIML Natural Resources LLC
 410 17th St., #900
 Denver, CO 80202

Customer ID	Well Name# or Customer P.O.	Payment Terms	
FIML	Smith 10-B-16-1931	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Sep 25, 2009	10/25/09

Quantity	Item	Description	Unit Price	Amount
480.00	MAT	Lightweight Class A	14.05	6,744.00
120.00	MAT	Flo Seal	2.50	300.00
518.00	SER	Handling	2.40	1,243.20
55.00	SER	Mileage 518 sx @ .10 per sk per mi	51.80	2,849.00
1.00	SER	Two Stage - Top	1,185.00	1,185.00

D 09059
 8200-118
 Adam J. Blue
 "2nd stage"

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 JAN 07 2010
 KCC WICHITA

ALL PRICES ARE NET, PAYABLE
 30 DAYS FOLLOWING DATE OF
 INVOICE. 1 1/2% CHARGED
 THEREAFTER. IF ACCOUNT IS
 CURRENT, TAKE DISCOUNT OF

\$ 2,464.24

ONLY IF PAID ON OR BEFORE

Oct 25, 2009

Subtotal	12,321.20
Sales Tax	443.77
Total Invoice Amount	12,764.97
Payment/Credit Applied	
TOTAL	12,764.97

- 2464.24
 10,300.73

ALLIED CEMENTING CO., LLC. 043724

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Orbit, KS

2-26-09

DATE <u>9-25-09</u>	SEC. <u>16</u>	TWP. <u>19</u>	RANGE <u>31</u>	CALLED OUT	ON LOCATION	JOB START <u>12:00pm</u>	JOB FINISH <u>6:00pm</u>
LEASE <u>Smith 10-B</u>	WELL # <u>16-1931</u>		LOCATION <u>Scott City S. Tap Rd</u>			COUNTY <u>Smith</u>	STATE <u>KS</u>
OLD OR NEW (Circle one) <u>NEW</u>			<u>S. Brad end 16.15. 12w n-w</u>				

CONTRACTOR Moo + 22
 TYPE OF JOB 2-stage (Top)
 HOLE SIZE 5 7/8 T.D. 4934'
 CASING SIZE 5 1/2 IS DEPTH 3000'
 TUBING SIZE _____ DEPTH 2960'
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT 70.4

OWNER _____

CEMENT
 AMOUNT ORDERED 480 kg hole
1/4" flo-seal

COMMON _____	@ _____	_____
POZMIX _____	@ _____	_____
GEL _____	@ _____	_____
CHLORIDE _____	@ _____	_____
ASC _____	@ _____	_____
<u>hole</u> <u>480</u>	@ <u>14.05</u>	<u>6744.00</u>
<u>flo-seal</u> <u>120*</u>	@ <u>2.50</u>	<u>300.00</u>
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
HANDLING <u>518</u>	@ <u>2.40</u>	<u>1243.20</u>
MILEAGE <u>.10 x 55 mile</u>		<u>2849.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Fuzz
 # 431 HELPER Kelly
 BULK TRUCK
 # 394 DRIVER Wayne
 BULK TRUCK
 # 396 DRIVER Alma

REMARKS:

Mix 480kg cement. Wash out
pump + hoses. Displace plug.

TOTAL 11136.20

SERVICE

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 JAN 07 2010
 KCC WICHITA



24 S. Lincoln Street
 P.O. Box 31
 Russell, KS 67665-2906

Voicemail: (785) 483-3887
 Fax: (785) 483-5566

RECEIVED
 OCT 02 2009

2347

INVOICE

Invoice Number: 120089
 Invoice Date: Sep 25, 2009
 Page: 1

Bill To:
 FIML Natural Resources LLC
 410 17th St., #900
 Denver, CO 80202

Customer ID	Well Name# or Customer P.O.	Payment Terms	
FIML	Smith 10-B-16-1931	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Sep 25, 2009	10/25/09

Quantity	Item	Description	Unit Price	Amount
7.00	MAT	Gel	20.80	145.60
355.00	MAT	ASC Class A	18.60	6,603.00
37.00	MAT	Salt	23.95	886.15
1,775.00	MAT	Gilsonite	0.89	1,579.75
89.00	MAT	Flo Seal	2.50	222.50
500.00	MAT	WFR-2	1.27	635.00
458.00	SER	Handling	2.40	1,099.20
55.00	SER	Mileage 458 sx @ .10 per sk per mi	45.80	2,519.00
1.00	SER	Two Stage - Bottom	2,185.00	2,185.00
55.00	SER	Pump Truck Mileage	7.00	385.00
1.00	EQP	Sure Seal Float Collar	245.00	245.00
2.00	EQP	Baskets	161.00	322.00
7.00	EQP	Centralizers	35.00	245.00
1.00	EQP	D V Tool	2,832.00	2,832.00
1.00	EQP	Lock Ring	29.00	29.00

D09059
 820-118
 Adam D. Blue
 "1st stage"

RECEIVED
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 KCC WICHITA

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

\$ 3986.64

ONLY IF PAID ON OR BEFORE

Oct 25, 2009

Subtotal	19,933.20
Sales Tax	865.94
Total Invoice Amount	20,799.14
Payment/Credit Applied	
TOTAL	20,799.14

- 3986.64
 16,812.50

ALLIED CEMENTING CO., LLC. 043723

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665.

SERVICE POINT:

DATE	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
9-25-09	16	19	31		10:00pm	6:30am	7:30am
SMITH LEASE 10-B		WELL# 16-1931		LOCATION S. Deadend 1/2-1/2-1/2 W. N. 20		COUNTY	STATE
SMITH				S. Deadend 1/2-1/2-1/2 W. N. 20		Stotts	Ks
OLD OR NEW (Circle one)							

CONTRACTOR Murphy #22 OWNER _____

TYPE OF JOB 2 stage - Bottom

HOLE SIZE 7 7/8 T.D. 4926'

CASING SIZE 5" 2 15.5 DEPTH 4984

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL DV Tool DEPTH 3000.98

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 20.15

PERFS. _____

DISPLACEMENT 116.4

EQUIPMENT

PUMP TRUCK	CEMENTER	<u>Fuzz</u>
# <u>431</u>	HELPER	<u>Kelly</u>
BULK TRUCK		
# <u>396</u>	DRIVER	<u>Wayne</u>
BULK TRUCK		
# <u>394</u>	DRIVER	<u>Alan</u>

REMARKS:

no circulation. mix 500 gal WFR II
mix 355 lbs cement. washed pump

CEMENT			
AMOUNT ORDERED	<u>355 lbs ASC 29000</u>		
	<u>1090 salt, 5+ gal / SK, 1/4" x 2 1/2" seal</u>		
COMMON		@	
POZMIX		@	
GEL	<u>7</u>	@	<u>20.00</u> <u>145.60</u>
CHLORIDE		@	
ASC	<u>355</u>	@	<u>18.60</u> <u>6603.00</u>
		@	<u>23.95</u> <u>826.15</u>
Salt	<u>37</u>	@	<u>1.89</u> <u>1579.25</u>
Gilsonite	<u>1775</u>	@	<u>2.20</u> <u>222.50</u>
Classical	<u>89</u>	@	<u>1.27</u> <u>635.00</u>
WFR II	<u>500 gal</u>	@	<u>2.40</u> <u>1099.20</u>
HANDLING	<u>458</u>	@	<u>2.519</u> <u>2519.00</u>
MILEAGE	<u>10 x 56 mile</u>		
			TOTAL <u>7747.30</u>

SERVICE

RECEIVED
JAN 07 2010
KCC WICHITA

ALLIED CEMENTING CO., LLC 044336

REMIT TO: P.O. BOX 31, RUSSELL, KANSAS 67665 SERVICE POINT: 044336

DATE	11/3/09	SEC	15	RANGE	19	CALLED OUT	1:30pm	OR LOCATION	Scott, KS	JOB START	11/3/09	JOB FINISH	11/3/09
WELL	100	WELL	16	LOC	1931	LOC		COUNTY	Scott	STATE	KS		

OLD OR NEW (Circle one) NEW
CONTRACTOR Ch... **OWNER** ...
TYPE OF JOB 5 gauge
HOLE SIZE 5 1/2 **DEPTH** 802 **AMOUNT ORDERED** 1000
TUBING SIZE 2 1/2 **DEPTH** 802
DRILL PIPE 2 1/2 **DEPTH** 802
TOOL ... **DEPTH** 802
APRES MAX **MINIMUM** ... **COMMON** ...
MEAS LINE ... **SHOE JOINT** ... **POZ MIXT** ...
CEMENT LEFT IN CSG ... **CHLORIDE** ...
PERFS ... **DISPLACEMENT** ...

EQUIPMENT

PUMP TRUCK (CEMENTER) Alan
HELPER Wayne
BULK TRUCK ...
DRIVER ...
HANDLING ...
MILEAGE 100.37 mile

REMARKS to 1500 PSI Held

DEPTH OF JOB 802'
PUMP TRUCK CHARGE ...
EXTRA FOOTAGE ...
MILEAGE 100.37 mile
MANIFOLD ...
CHARGE TO FIML
TOTAL 1182

CITY ... **STATE** ... **ZIP** ...
PLUG & FLOAT EQUIPMENT

To Allied Cementing Co., LLC
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner, agent or contractor. I have read and understand the GENERAL TERMS AND CONDITIONS listed on the reverse side.

PRINTED NAME E. L. Abner
SIGNATURE E. L. Abner
TOTAL CHARGES ...
DISCOUNT ...
PAID IN 30 DAYS

RECEIVED
 JAN 07 2010
 KCC MICHITA



CEMENTING LOG

STAGE NO.

Date 10/07/2010 District Permian Ticket No. 44387
 Company TECO Rig 2000
 Lease Permian 1008 Well No. 16-231
 County Permian State TX
 Location Permian 1008 Field 16-231

CEMENT DATA:

Spacer Type: _____
 Amt. _____ Sls Yield _____ ft³/sk Density _____ PPG
 LEAD: Pump Time _____ hrs. Type Lead
 Amt. _____ Sls Yield 1.97 ft³/sk Density 13.5 PPG
 TAL: Pump Time _____ hrs. Type _____
 Amt. 5.0 Sls Yield 1.02 ft³/sk Density 16.5 PPG
 WATER: Lead 10.9 gals/sk Tail 5.2 gals/sk Total _____ Bbls
 Pump Trucks Used 12
 Bulk Equip. 2

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size _____ Type _____ Weight _____ Collar _____
 Casing Depth: Top _____ Bottom 204

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size _____ T.D. _____ ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. 0.272 Lin. ft./Bbl. 43
 Open Hole: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. 0.209 Lin. ft./Bbl. 30
 Perforations: From _____ ft. to _____ ft. Amt. _____

Float Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plug Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type _____ Amt. 16.5 Bbls Weight _____ PPG
 Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE [Signature] CEMENTER [Signature]

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
9:00						max 1000 psi annulus, 2000 psi casing
				5		Time 9:10
				70.5		max 2000 psi annulus 1140 casing
				10.5		max 7000 psi casing
				16.5		Discontinue + shut in at 7000
10:30	2000					Subsidence 1/2"

RECEIVED
 JAN 07 2010
 KCC WICHITA

ALLIED CEMENTING CO. LLC. 044387

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT

DATE: 12-29-10	SEC: 16	TWP: 19	RANGE: 3	CALLED OUT: 10:00	ON LOCATION: 10:00	JOB START: 10:00	JOB FINISH: 10:00
LEASE: 16	WELL: 16	LOCATION: 16		COUNTY: 16	STATE: 16		

OLD OR NEW (Circle one) NEW

CONTRACTOR OWNER

TYPE OF JOB REPAIR

HOLE SIZE 8" **CEMENT** YES

CASING SIZE 8" **DEPTH** 50' **AMOUNT ORDERED** 500

TUBING SIZE 8" **DEPTH** 50'

TOOL PIPE 50' **DEPTH** 50'

PRES. MAX 50' **MINIMUM** 50' **COMMON** 50'

MEAS. LINE 50' **SHOE JOINT** 50' **POZ MIX** 50'

CEMENT LEFT IN CSG 50' **GEL** 50'

PERFS 50' **CHEMUR** 50'

DISPLACEMENT 50' **ASC** 50'

EQUIPMENT

PUMP TRUCK 1 **CEMENT TRUCK** 1

HELPER 1

BULK TRUCK 1 **DRIVER** 1

BULK TRUCK 1 **DRIVER** 1

HANDLING 1

MILEAGE 100

TOTAL 5813.50

REMARKS:

REPAIR OF 8" CASING AT 50' DEPTH

DEPTH OF JOB 50'

PUMP TRUCK CHARGE 1000

EXTRA FOOTAGE 0

MILEAGE 100

MANIFOLD 0

CHARGE TO: 16

STREET: 16

CITY: 16 **STATE:** 16 **ZIP:** 16

PLUG & FLOAT EQUIPMENT

TOTAL 1135

TERMS AND CONDITIONS listed on the reverse side

SALES TAX (If Any)

PRINTED NAME: E. H. Hovick

SIGNATURE: E. H. Hovick

DISCOUNT 0 **IF PAID IN 30 DAYS**

TOTAL CHARGES 1135

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JAN 07 2010
KCC WICHITA



CEMENTING LOG

STAGE NO.

Date 10-17-09 District 0444 Ticket No. 48885
 Company TSMC Rig 644444
 Lease 10-B Well No. 10191
 County Scott State KS
 Location 62-1124 Field 10-19-1

CEMENT DATA:
 Spacer Type _____
 Amt. _____ Sls Yield _____ ft³/sk Density _____ PPG

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size _____ Type _____ Weight _____ Collar _____

LEAD: Pump Time _____ hrs. Type Lead 2 1/2" 150
 Amt. _____ Sls Yield _____ ft³/sk Density _____ PPG

Casing Depth: Top _____ Bottom _____

TAIL: Pump Time _____ hrs. Type Lead
 Amt. _____ Sls Yield _____ ft³/sk Density _____ PPG

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size _____ T.D. _____ ft. P.B. to _____ ft.

WATER: Lead 1.2 gals/sk Tail _____ gals/sk Total _____ Bbls.
 Pump Trucks Used 421
 Bulk Equip. 273

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. 0.238 Lin. ft./Bbl. 4.3
 Open Hole: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. 0.052 Lin. ft./Bbl. 19.2
 Annulus: Bbls/Lin. ft. 0.152 Lin. ft./Bbl. 6.6
 Perforations: From _____ ft. to _____ ft. Amt. _____

Float Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plug Top _____ Btm _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type Water Amt. 26 Bbls. Weight 234 PPG
 Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE God Al...

CEMENTER T.02-4

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls/Min.	
6:30						...
10:00	2750			12		Press increase to 2750
10:15			38	26		Lead backside press to 500 ^{lb}
	1000			12	4	Take in rate
11:15			50	21		...
			71	31.5		...
11:31			102.5	6		...
11:33			109.5	21.2		...
12:44	2500		174.7			Squeezed
12:50				39		...
			173.7			...
1:14				25		Press backside to 500 ^{lb}
	2000		173.9	25		...
			174.2			...

FINAL DISP. PRESS: 2500 PSI BUMP PLUG TO _____ PSI BLEEDBACK 114 BBLs THANK YOU

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ALLIED CEMENTING CO., LLC. 044385

REMIT TO: P.O. BOX 31
 2000 W. RUSSELL, KANSAS 67665

SERVICE POINT: 044385

DATE	SECURITY	TWR	RANGE	CANCELED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE	WELL		LOCATION			COUNTY	STATE

OLD OR NEW (Circle one) OLD

CONTRACTOR: OWNER:

TYPE OF JOB:

HOLESIZE: CEMENT:

CASING SIZE: DEPTH: AMOUNT ORDERED:

TUBING SIZE: DEPTH:

TOOL JOINT: DEPTH:

BRES MAX: MINIMUM: COMMON:

MEAS. LINE: SHOE JOINT: POZ MIX:

CEMENT LEFT IN CSG: CHLORIDE:

PERFS: DISPLACEMENT:

EQUIPMENT:

PUMP/TRUCK: HELPER:

BULK/TRUCK: DRIVER:

BULK TRUCK: DRIVER:

HANDLING MILEAGE:

REMARKS: TOTAL:

Worked pump & lines. Discharge

DEPTH OF JOB:

PUMP/TRUCK CHARGE:

EXTRA FOOTAGE:

MILEAGE:

MANIFOLD:

CHARGE TO: TOTAL:

STREET:

CITY: STATE: ZIP:

PLUG & FLOAT EQUIPMENT:

SALES TAX (if Any):

TOTAL CHARGES:

DISCOUNT: IF PAID IN 30 DAYS:

PRINTED NAME: EL Abercrombie

SIGNATURE: EL Abercrombie

TERMS AND CONDITIONS:

TO Allied Cementing Co., LLC

You are hereby requested to rent cementing equipment and furnish cement and helpers to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner/agent of contractor. I have read and understand the GENERAL TERMS AND CONDITIONS listed on the reverse side.

From: FIML Natural Resources 303 573 0388 01/07/2010 11:21 8272 P. 012/012

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