



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1071108
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
-----------------------------------	-----------------	---

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: _____

1071108

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
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:				

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: Yes No

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

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

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input 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 <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

December 30, 2011

Allen Bangert
Mai Oil Operations, Inc.
8411 PRESTON RD STE 800
DALLAS, TX 75225-5520

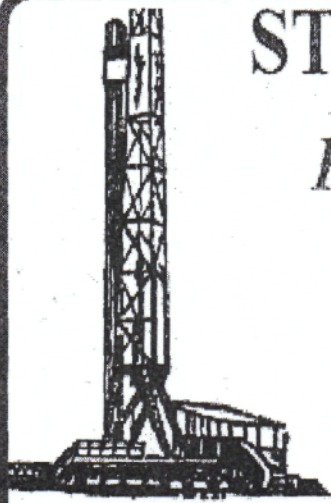
Re: ACO1
API 15-053-21268-00-00
Kozisek 1
NW/4 Sec.10-16S-10W
Ellsworth County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Allen Bangert



STEVEN P. MURPHY, P.G.

Petroleum Geologist (KS #228)

Cell 620.639.3030

Fax 785.387.2400

RR#1, Box 69

Otis, Kansas 67565

geomurphy@gbta.net

Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: Kozisek #1
 Location: Ellsworth County
 License Number: API #15-053-21268-00-00
 Spud Date: 11/1//11
 Surface Coordinates: 1670' FNL & 1700' FWL (Approx. SE NW SE NW)
 Bottom Hole Coordinates: Vertical Well w/minimal deviation
 (Same as above)
 Ground Elevation (ft): 1860' K.B. Elevation (ft): 1868'
 Logged Interval (ft): 2800' To: TD Total Depth (ft): 3470'
 Formation: Heebner through Arbuckle
 Type of Drilling Fluid: Chemical (Andy's Mud - Dennis Rector, Engineer)

Region: Kansas
 Drilling Completed: 11/7/11
 Section 10-T16S-R10W

Printed by STRIP.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Mal Oil Operations
Address: 8411 Preston Rd
Suite 800
Dallas, TX 75225

GEOLOGIST

Name: Steven P. Murphy, PG (Kansas License #228)
Company: Consulting Petroleum Geologist
Address: 3365 CR 390
Otis, KS 67565
Cell: 620-639-3030

LogTops (Datum)

The open-hole logging was performed by Jason Cappellucci with Superior Well Services (Hays, KS shop). Logs included Compensated Neutron/Compensated Density, Sonic, Dual Induction & Microlog.

Formation tops and datums from the open-hole logs include the following:

Formation tops and datums from the open-hole logs include the following:

Heebner - 2901 (-1033)
Brown Lime - 3002 (-1134)
Lansing - 3021 (-1153)
BKC - 3298 (-1430)
Arbuckle - 3404 (-1536)

DSTs

The following drillstem tests were performed by Paul Simpson
w/Trilobite Testing (Hays shop):

DST #1 3380-3408 (Arbuckle)
45:45:45
IF: BOB in 1 min, no return
FF: BOB in 3 min, no return
Recovery: 1' Oil, 240' MOSW (1% O, 69% W, 30% M, 1920' OSW (1% O, 99% W)
IHP: 1739 FHP: 1640
IFP: 172-977 ISIP: 1136
FFP: 983-1129 FSIP: 1129
Chlorides - 50,000 ppm





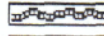



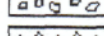

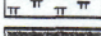

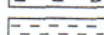







COMMENTS

Based on the results of log & sample analysis, and drillstem testing, it was recommended that this test be plugged

Respectfully submitted,

Steven P. Murphy, PG (KS License #228)
Consulting Petroleum Geologist

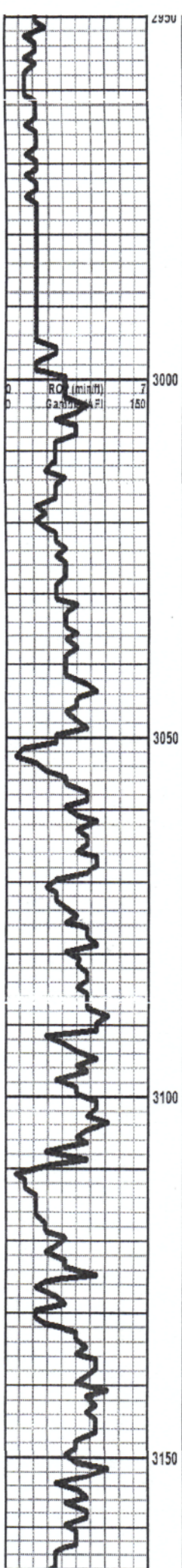
ROCK TYPES

 Anhy	 Coal	 Lmst	 Shcol
 Bent	 Congl	 Meta	 Shgy
 Brec	 Dol	 Mrlst	 Sltst
 Cht	 Gyp	 Salt	 Ss
 Clyst	 Igne	 Shale	 Till

OTHER SYMBOLS

OIL SHOW	 Dead	INTERVAL	EVENT
 Even	 Gas	 Core	 Conn
 Spotted		 Dst	 Rft
 Ques			 Sidewall

Curve Track 1 ROP (min/ft) ——— Gamma (API) ———	Depth	Lithology	Oil Shows	Geological Descriptions	REMARKS
	2800 2850 2900 2950			<p>LS: crm-tan-gry, vfxln, foss, dense, NS</p> <p>LS: crm-tan-gry, vfxln, foss, dense, NS</p> <p>LS: as above, chalky</p> <p>SH: blk</p> <p>SH: gry-grn-red</p> <p>SH & Sst: gry-grn, vfg, friable, micaceous, NS</p> <p>SH & Sst: gry-grn, vfg, friable, micaceous, NS</p> <p>SH & Sst: gry-grn, vfg, friable, micaceous, NS</p>	<p>The following are sample formation tops & associated datums (with KB of 1868'). Please refer to the main header for electric log tops & datums:</p> <p>NOTES:</p> <p>8-5/8" surface casing set @ 420' w/225 sacks cement</p> <p>Deviation survey @ 420' - 1/2 degree</p> <p>Geologist on location @ 10:40 PM on 11/4/11</p> <p>HEEBNER 2899 (-1031)</p>



SH & Sst: gry-grn, vfg, friable, micaceous, NS

SH & Sst: gry-grn, vfg, friable, micaceous, NS

SH & Sst: gry-grn, vfg, friable, micaceous, NS

SH & Sst: gry-grn, vfg, friable, micaceous, NS

BROWN LIME 2999 (-1131)

LS: brn, vfxln, dense, NS

SH: gry-grn-red

LANSING 3021 (-1153)

LS: crm-tan, vfxln, sl foss, sl chalky, dense, NS

LS: crm-tan, vfxln, sl foss, sl chalky, dense, NS

SH: gry-grn

LS: crm-tan, vfxln, dense, NS

SH: gry-grn-red

LS: crm-tan, foss, dense, NS

SH: gry-grn-red

LS: crm-tan-gry, vfxln, foss, oolitic, dense, NS

SH: gry-grn

LS: crm-tan-gry, vfxln, foss, oolitic, dense, NS

LS: wht-tan-gry, vfxln, oolitic, fr-gd oom oldic por, sl chalky, NS

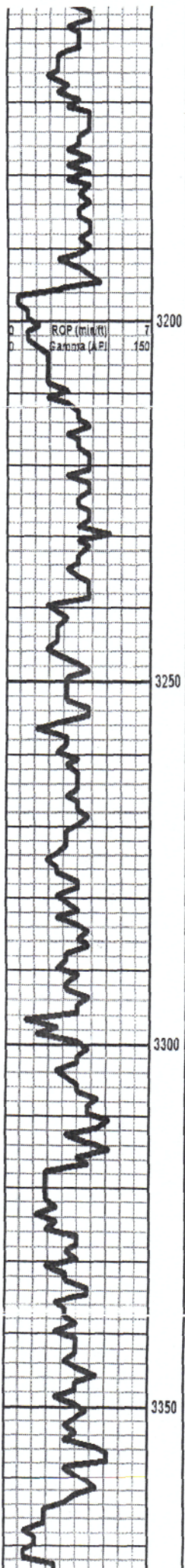
LS: as above

LS: cm-brn-gry, vfxln, dense, no vis por, sl foss, dense, sl foss, dense, NS

LS: wht-tan-gry, vfxln, sl chalky, dense, NS

SH: blk-gry-grn

LS: crm-gry, vfxln, sl chalky, dense, cherty, NS



LS: crm-gry, vxl n, sl chalky, dense, cherty, NS

SH: blk-gry-grn

LS: wht-gry, vxl n, dense, NS

LS: wht-gry, vxl n, dense, NS

LS: crm-tan, fxl n, oolic, gd oomoidic, por, sl chalky, NS

LS: crm-tan, fxl n, oolic, gd oomoidic, por, sl chalky, NS

LS: crm-tan-gry, vxl n, sl chalky, dense, NS

LS: crm-tan-gry, vxl n, sl chalky, dense, NS

LS: crm-tan-gry, vxl n, sl chalky, dense, NS

SH: blk

LS: crm-tan, vxl n, dense, abund chert, NS

LS: crm-tan, fxl n, mostly dense, rare fr ppt por, vss to, spoty str, no odor

LS: crm-tan, vxl n, dense, abund chert, NS

SH: blk-gry-gry

LS: crm-tan, vxl n, sl chalky, dense, NS

SH: gry-grn-red-brn

LS: tan-gry, vxl n, dense, NS

SH: blk-gry-grn-red

LS: multie, dense, wash red

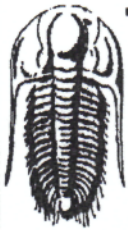
LS: multie, dense, wash red

SH: yel-gry-grn-turq w/assoc m-gr barren Sst

SH: multie

SH: multie

BKC 3296 (-1428)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Mai Oil Operations

10-16s-10w Ellsworth,KS

8411 Preston Rd #800
5520

Dallas TX 35225-

Kozisek #1

Job Ticket: 44838

DST#: 1

ATTN: Steve Murphy

Test Start: 2011.11.06 @ 15:37:07

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: **No Whipstock: 3408.00 ft (KB)**

Time Tool Opened: 17:02:37

Time Test Ended: 22:49:07

Test Type: **Conventional Bottom Hole (Initial)**

Tester: **Paul Simpson**

Unit No: **47**

Interval: **3380.00 ft (KB) To 3408.00 ft (KB) (TVD)**

Reference Elevations: **1868.00 ft (KB)**

Total Depth: **3408.00 ft (KB) (TVD)**

1860.00 ft (CF)

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

KB to GR/CF: **8.00 ft**

Serial #: 8319

Inside

Press@RunDepth: **1128.59 psig @ 3384.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2011.11.06**

End Date:

2011.11.06

Last Calib.: **2011.11.10**

Start Time: **15:37:12**

End Time:

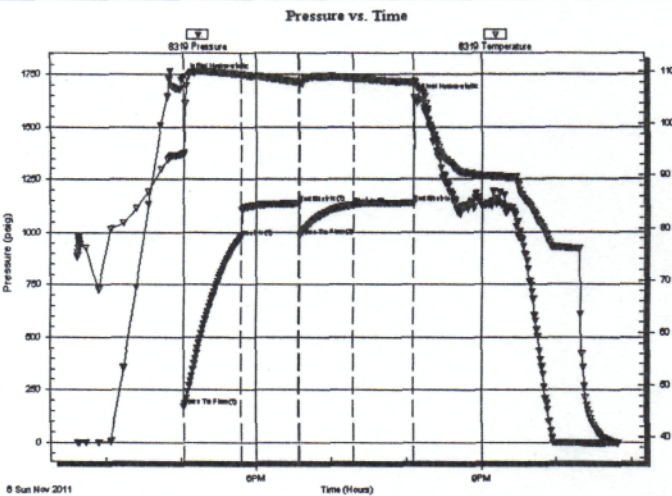
22:49:06

Time On Btm: **2011.11.06 @ 17:02:07**

Time Off Btm: **2011.11.06 @ 20:06:07**

TEST COMMENT: IF Strong blow in bottom of bucket in 1 min.
blow.
blow bottom of bucket in 3 min.

ISI no
FF strong



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1739.72	94.31	Initial Hydro-static
1	171.82	93.89	Open To Flow (1)
46	977.30	109.41	Shut-In(1)
92	1135.74	107.93	End Shut-In(1)
93	982.68	107.86	Open To Flow (2)
136	1128.59	108.63	Shut-In(2)
184	1138.14	107.84	End Shut-In(2)
184	1639.90	108.04	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1920.00	oil specked w ater 1% oil 99% water	26.93
239.00	muddy oil specked w ater 1% oil 69% w a	3.35
1.00	oil	0.01

Gas Rates

Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 165

Date	11-2-11	Sec.	10	Twp.	16	Range	10	County	Ellsworth	State	Ks	On Location		Finish	4:00 AM	
Lease	Koziseck	Well No.	1	Location Wilson Ks - S to Rd N, 3 1/2 mi E												
Contractor	Southwind #3							Owner	3/5							
Type Job	Surface							To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.								
Hole Size	12 1/4"			T.D.	420'											
Csg.	8 5/8"			Depth	420'											
Tbg. Size				Depth												
Tool				Depth												
Cement Left in Csg.	20'			Shoe Joint	20'											
Meas Line				Displace	25 1/2 BUS											
												Cement Amount Ordered	225 SX 60MB 3%CC 2%Gel			

EQUIPMENT

Pumptrk	1	No.	Cementer	Cisco	Common	135
			Helper			
Bulktrk	3	No.	Driver	Cory	Poz. Mix	90
			Driver			
Bulktrk	piu	No.	Driver	Rick	Gel.	5
			Driver			

JOB SERVICES & REMARKS

Remarks	Cement did Circulate.	Calcium	8
Rat Hole		Hulls	
Mouse Hole		Salt	
Centralizers		Flowseal	
Baskets		Kol-Seal	
D/V or Port Collar		Mud CLR 48	
		CFL-117 or CD110 CAF 38	

		Sand	
		Handling	238
		Mileage	

FLOAT EQUIPMENT

		Guide Shoe	
		Centralizer	
		Baskets	
		AFU Inserts	
		Float Shoe	
		Latch Down	
		1- Wooden plug	

		Pumptrk Charge	Surface
		Mileage	36
		Tax	
		Discount	
		Total Charge	

X Signature: *Jay Davis*



QUALITY OILWELL CEMENTING, INC.
 PO Box 32 - 740 West Wichita Ave, Russell KS 67665
 Phone: 785-324-1041 fax: 785-483-1087
 Email: cementing@ruraltel.net

Date: 11/10/2011
Invoice # 516
P.O.#:
Due Date: 12/10/2011
Division: Russell

Invoice

Contact:

Mai Oil Operations
Address/Job Location:
 Mai Oil Operations
 P.O. BOX 33
 RUSSELL KS 67665

Reference:

KOZISEK 1

Description of Work:

PLUG JOB

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 991.39	Yes				
Common-Class A	111	\$ 1,470.27	Yes				
Bulk Truck Matl-Material Service Charge	191	\$ 414.74	Yes				
Pump Truck Mileage-Job to Nearest Camp	36	\$ 390.08	Yes				
POZ Mix-Standard	74	\$ 369.58	Yes				
Bulk Truck Mileage-Job to Nearest Bulk Plant	36	\$ 228.26	Yes				
Flo Seal	50	\$ 108.57	Yes				
Premium Gel (Bentonite)	6	\$ 106.05	Yes				

Invoice Terms:

Net 30

SubTotal: \$ 4,078.94

Discount Available ONLY if Invoice is Paid & Received within listed terms of invoice: \$ (611.84)

SubTotal for Taxable Items: \$ 3,467.10

SubTotal for Non-Taxable Items: \$ -

Total: \$ 3,467.10

Tax: \$ 253.10

7.30% Ellsworth County Sales Tax

Amount Due: \$ 3,720.20

Applied Payments:

Balance Due: \$ 3,720.20

Thank You For Your Business!

Past Due Invoices are subject to a service charge (annual rate of 24%)

This does not include any applicable taxes unless it is listed.

©2008-2013 Straker Investments, LLC. All rights reserved.

Notice: Fill out COMPLETELY and return to Conservation Division at the address below within 60 days from plugging date.

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL PLUGGING RECORD
K.A.R. 82-3-117

Form CP-4
March 2009
Type or Print on this Form
Form must be Signed
All blanks must be Filled

OPERATOR: License #: 5259
Name: MAI OIL OPERATIONS, INC
Address 1: 8411 PRESTON RD, STE 800
Address 2: _____
City: DALLAS State: TX Zip: 75225 + 5520
Contact Person: ALLEN BANGERT
Phone: (214) 219-8883
Type of Well: (Check one) Oil Well Gas Well OG D&A Cathodic
 Water Supply Well Other: _____ SWD Permit #: _____
 ENHR Permit #: _____ Gas Storage Permit #: _____
Is ACO-1 filed? Yes No If not, is well log attached? Yes No
Producing Formation(s): List All (if needed attach another sheet)

Depth to Top: _____ Bottom: _____ T.D. _____

Depth to Top: _____ Bottom: _____ T.D. _____

Depth to Top: _____ Bottom: _____ T.D. _____

API No. 15 - 15-053-21268-00-00
Spot Description: _____
SE NW SE NW Sec. 10 Twp. 16 S. R. 10 East West
1,670 Feet from North / South Line of Section
1,700 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: ELLSWORTH
Lease Name: KOZISEK Well #: 1
Date Well Completed: 11/07/2011
The plugging proposal was approved on: 11/07/2011 (Date)
by: VIRGIL CLOTHIER (KCC District Agent's Name)
Plugging Commenced: 11/07/2011
Plugging Completed: 11/07/2011

Show depth and thickness of all water, oil and gas formations.

Oil, Gas or Water Records		Casing Record (Surface, Conductor & Production)			
Formation	Content	Casing	Size	Setting Depth	Pulled Out
		SURFACE	8 5/8	420	0

Describe in detail the manner in which the well is plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same depth placed from (bottom), to (top) for each plug set.

Plugged well with 185 sacks of 60/40 Poz, 4% gel, 1/4# flo-seal, 1st plug @ 3404' with 35 sacks, 2nd plug @ 1300' with 35 sacks, 3rd plug @ 1000' with 35 sacks, 4th plug @ 470' with 35 sacks, 5th plug @ 60' to surface with 25 sacks, 20 sacks for rat hole, by Quality (Ticket #516), job completed @ 6:00 pm on 11/7/2011.

Plugging Contractor License #: 33350 Name: SOUTHWIND DRILLING, INC
Address 1: 8 NORTH MAIN Address 2: PO BOX 276
City: ELLINWOOD State: KANSAS Zip: 67526 + _____
Phone: (620) 564-3800

Name of Party Responsible for Plugging Fees: MAI OIL OPERATIONS, INC
State of KANSAS County, BARTON, ss.
JILL WAHLMEIER Employee of Operator or Operator on above-described well,
(Print Name)

being first duly sworn on oath, says: That I have knowledge of the facts statements, and matters herein contained, and the log of the above-described well is as filed, and the same are true and correct, so help me God.

Signature: _____

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202