



KANSAS CORPORATION COMMISSION 1141001
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

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
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- 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

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total 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

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1141001

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

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 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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> 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
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

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
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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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Mikol Oil LLC
Well Name	Lyle / Kaster 1-35
Doc ID	1141001

Tops

Name	Top	Datum
Top Anhydrite	1217	+837
Base Anhydrite	1251	+803
Topeka	2956	-902
Heebner	3181	-1137
Toronto	3212	-1158
LKC	3237	-1183
BKC	3487	-1433
Arbuckle	3605	-1551

COMPANY: Mikal Oil LLC
 WELL: Lyle/Koster #1-3S
 FIELD: Krueger

LOCATION: 116' Fm & 425' Fm
 ELEVATION: KB 2054
 DF: 2016
 GL: 2016

SEC.: 35 TWP.: 10S RGE.: 10W
 COUNTY: Rooks
 STATE: Kansas

OPERATOR: Mikal Oil LLC
 CONTRACTOR: Discovary Drilling, Rig #4
 COMD.: 4-20-13
 COMP.: 4-20-13
 CASING RECORD
 SURE: 8 1/2" @ 225
 PROD.: None
 SURF.: 3451'
 TOTAL DEPTH DRILLERS: 3451'
 TOTAL DEPTH LOG: 3451'

FORMATION TOPS AND STRUCTURAL POSITION

FORMATION	SAMPLE TOP	ELECTRIC TOP	SUB-SEA POSITION	STRUCTURAL POSITION
Tag Anhydrite	1225	1217	4837	NA
Base Anhydrite	1257	1251	4803	NA
Tapeeka	2960	2964	-902	NA
Hebner	3195	3191	-1137	+H
Treacle	3216	3212	-1154	NA
LHC	3241	3237	-1183	+H
ABC	3447	3443	-1413	NA
Arbuckle	3408	3405	-1581	118

REFERENCE WELL FOR STRUCTURE: Don E. Proff
 Koster #1
 SURF.: 3451'
 Sec. 24-10S-10W

DRILL STEM TESTS

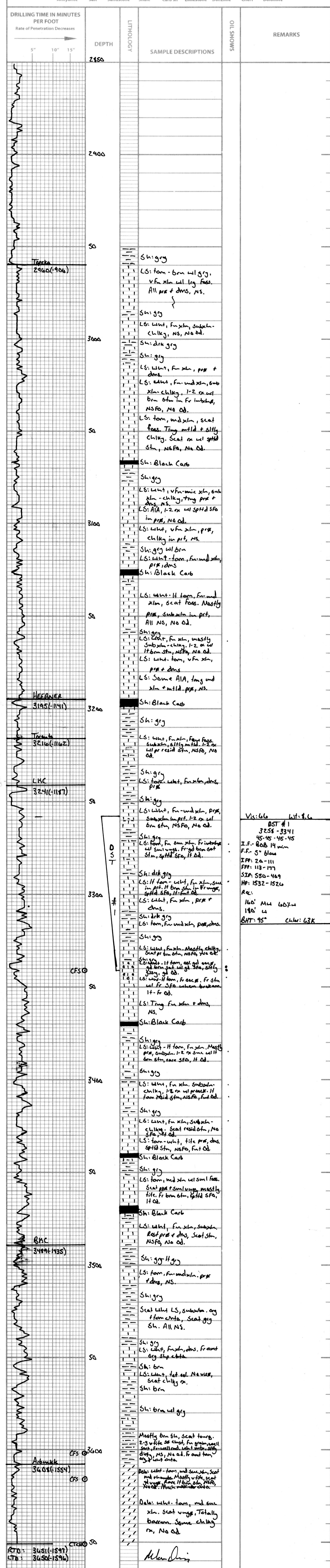
No.	Interval	IFT/Time	ISP/Time	FFP/Time	ESP/Time	HP/Time	RECOVERY

REMARKS AND RECOMMENDATIONS
 Due to structural position DST recovery & log evaluation, it was decided to plug & abandon the well.

Downing

LEGEND

Anhydrite	Salt	Sandstone	Shale	Carb sh	Limestone	Dol.Lime	Chert	Dolomite



Downing



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Mikol Oil
 1407 Washington Cir.
 Hays Ks 67601
 ATTN: Larry Denning

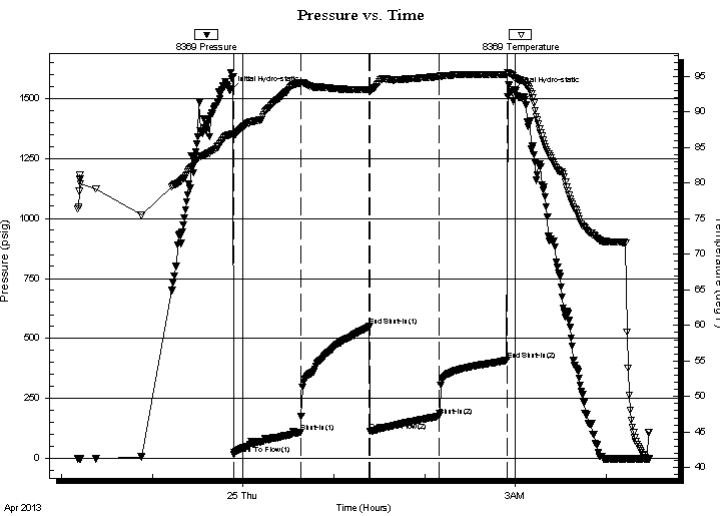
35-10s-16w Rooks
Lyle-Kaster #1-35
 Job Ticket: 52570 **DST#: 1**
 Test Start: 2013.04.24 @ 22:10:47

GENERAL INFORMATION:

Formation: **LKC C-G**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 23:53:42
 Time Test Ended: 04:29:11
 Interval: **3258.00 ft (KB) To 3341.00 ft (KB) (TVD)**
 Total Depth: 3341.00 ft (KB) (TVD)
 Hole Diameter: 7.85 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Ray Schwager
 Unit No: 42
 Reference Elevations: 2054.00 ft (KB)
 2046.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8369 Inside
 Press @ Run Depth: 177.17 psig @ 3260.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.04.24 End Date: 2013.04.25 Last Calib.: 2013.04.25
 Start Time: 22:10:47 End Time: 04:29:11 Time On Btm: 2013.04.24 @ 23:51:27
 Time Off Btm: 2013.04.25 @ 02:57:56

TEST COMMENT: 45-IFP-w k to strg in 14min
 45-ISIP-no bl
 45-FFP-w k to a fr bl surface to 5"bl
 45-FSIP-no bl



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1532.82	86.77	Initial Hydro-static
3	20.04	86.58	Open To Flow (1)
47	111.40	94.07	Shut-In(1)
92	550.10	93.13	End Shut-In(1)
93	113.44	93.02	Open To Flow (2)
139	177.17	94.99	Shut-In(2)
183	409.98	95.23	End Shut-In(2)
187	1526.60	95.19	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	Water	2.25
160.00	MW 40%M60%W	2.24

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Mikol Oil

35-10s-16w Rooks

1407 Washington Cir.
Hays Ks 67601

Lyle-Kaster #1-35

Job Ticket: 52570

DST#: 1

ATTN: Larry Denning

Test Start: 2013.04.24 @ 22:10:47

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

63000 ppm

Viscosity: 66.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
180.00	Water	2.252
160.00	MW 40%M60%W	2.244

Total Length: 340.00 ft Total Volume: 4.496 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .15@55F

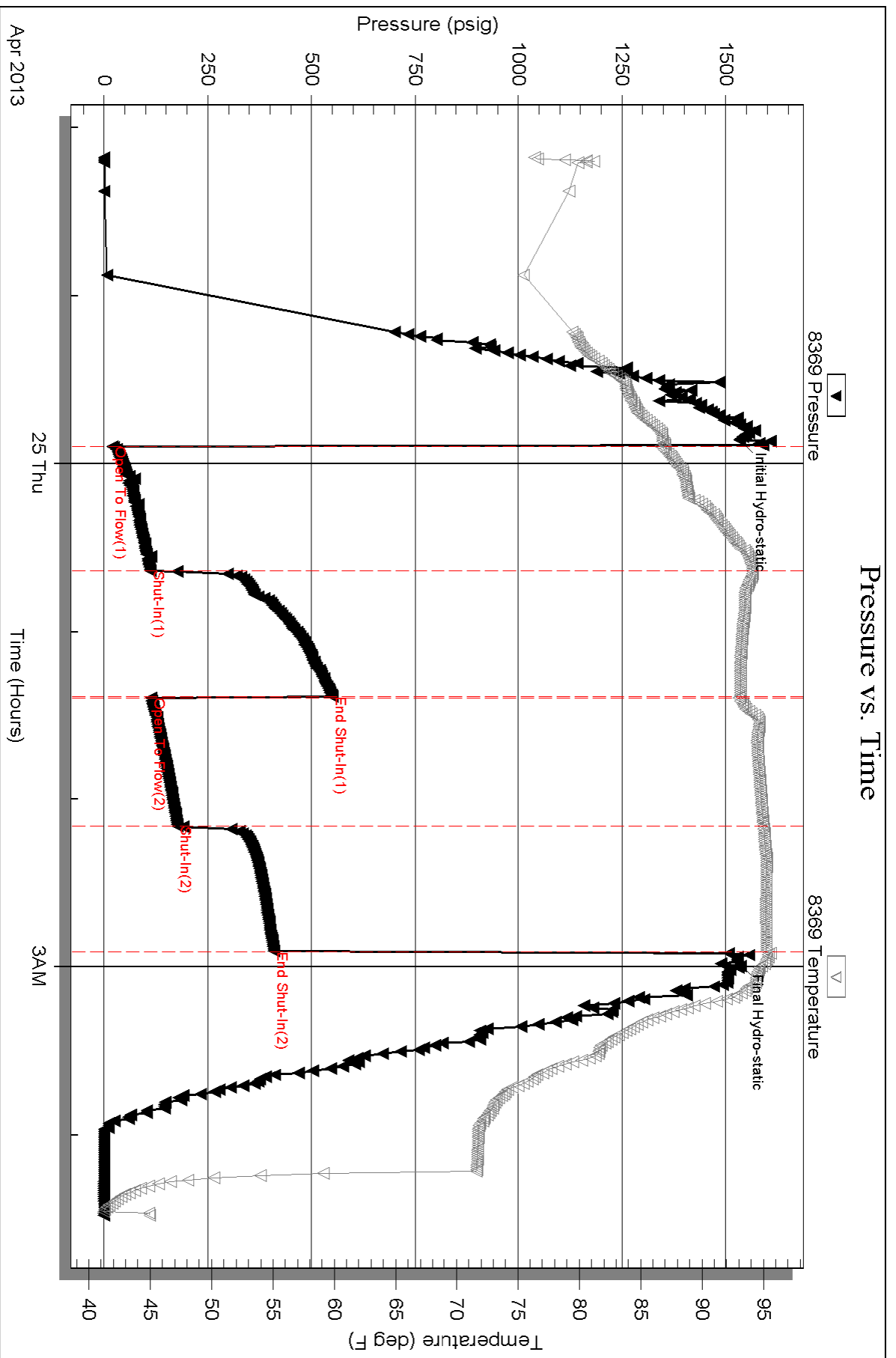
Serial #: 8369

Inside

Mkol Oil

Lyle-Kaster #1-35

DST Test Number: 1



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. 6618

Date	4-26-13	Sec.	35	Twp.	10	Range	16	County	Rooks	State	Ks	On Location		Finish	1:30PM
Lease	Lyle / Kaster							Well No.	1-35		Owner	Natoma, Ks - w to C.L. 35 to Y in the Rd, 1 mile left, w/s			
Contractor	Discovery		#4		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.										
Type Job	plug				Charge To Mikol oil										
Hole Size	7 7/8"		T.D.		3651'		Street								
Csg.			Depth		City						State				
Tbg. Size	4 1/2" D.P.		Depth		3585'		The above was done to satisfaction and supervision of owner agent or contractor.								
Tool			Depth		Cement Amount Ordered 270 sx 60/40 4% Gel 1/4# F.S.										
Cement Left in Csg.			Shoe Joint												
Meas Line			Displace		H2O/mud										
EQUIPMENT							Common 162								
Pumptrk	15	No.	Cementer	Nick		Poz. Mix 108									
Bulktrk	1	No.	Helper			Gel. 10									
Bulktrk	1	No.	Driver	Clayton		Calcium									
Bulktrk	1	No.	Driver	Rick		Hulls									
JOB SERVICES & REMARKS							Salt								
Remarks:	⊙				Flowseal 67#										
Rat Hole					Kol-Seal										
Mouse Hole					Mud CLR 48										
Centralizers					CFL-117 or CD110 CAF 38										
Baskets					Sand										
D/V or Port Collar					Handling 280										
	3585' - 50 sx				Mileage										
	1250' - 25 sx				FLOAT EQUIPMENT										
	775' - 100 sx				Guide Shoe										
	275' - 40 sx				Centralizer										
	40' - 10 sx w/ plug				Baskets										
Rathole	- 30 sx				AFU Inserts										
Mousehole	- 15 sx				Float Shoe										
	Cement did		Circulate		Latch Down										
					1-Dry hole plug										
					Pumptrk Charge plug										
					Mileage 33										
							Tax								
							Discount								
							Total Charge								
Signature Mike Roschke															

ALLIED OIL & GAS SERVICES, LLC 059339

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT:

Grass Bend

DATE <u>4-20-13</u>	SEC <u>35</u>	TWP <u>10S</u>	RANGE <u>16W</u>	CALLED OUT	ON LOCATION	JOB START <u>11:00 AM</u>	JOB FINISH <u>12:00 AM</u>
LEASE <u>Lyle/Koster</u>	WELL # <u>1-35</u>	LOCATION <u>NOTONO 16W 4S</u>			COUNTY <u>ROCKS</u>	STATE <u>KY</u>	
OLD OR NEW (Circle one)				<u>WIND</u>			

CONTRACTOR <u>Discovery #4</u>
TYPE OF JOB <u>Surf Core</u>
HOLE SIZE <u>12 1/4</u> T.D.
CASING SIZE <u>5 5/8</u> DEPTH <u>220</u>
TUBING SIZE DEPTH
DRILL PIPE <u>4 1/2</u> DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG. <u>15 Ft</u>
PERFS.
DISPLACEMENT <u>13.05 bbls</u>

OWNER	CEMENT
AMOUNT ORDERED <u>150 SKS Class A</u>	<u>3% cc 2-4 gal</u>
COMMON <u>150</u> @ <u>17.90</u>	<u>2.685.00</u>
POZMIX @	
GEL <u>3</u> @ <u>23.40</u>	<u>70.20</u>
CHLORIDE <u>5</u> @ <u>64.00</u>	<u>320.00</u>
ASC @	

PUMP TRUCK CEMENTER <u>Dustin Chambers</u>	
# <u>395</u> HELPER <u>Mike Southern</u>	
BULK TRUCK DRIVER <u>Ben Newell</u>	
# <u>341</u>	
BULK TRUCK DRIVER <u>Josh Isaac</u>	
#	

HANDLING <u>162.09</u>	@ <u>2.48</u>	<u>401.28</u>
MILEAGE <u>7.44 35x</u>	<u>2.60</u>	<u>673.40</u>
TOTAL <u>4.150.58</u>		

REMARKS:

Break circulation 1/4 in Rig fluid
 pump 5 bbls fresh water ahead
 pump 150 SKS Class A 3% cc 2-4 gal
 Displace 13.05 bbls fresh water
 & shut in
 Cement did circulation
 plug down 11:45 pm
 Ben Newell

SERVICE

DEPTH OF JOB <u>220</u>	
PUMP TRUCK CHARGE <u>1512.25</u>	
EXTRA FOOTAGE @	
MILEAGE <u>Hum 35</u> @ <u>7.70</u>	<u>269.50</u>
MANIFOLD @	
<u>Hum 35</u> @ <u>4.40</u>	<u>154.00</u>

TOTAL 1.935.25

CHARGE TO: Mikol Oil LLC
STREET _____
CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

_____ @ _____
_____ @ _____
_____ @ _____
_____ @ _____
_____ @ _____
_____ @ _____
TOTAL _____

To: Allied Oil & Gas Services, 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.

SALES TAX (If Any) _____
TOTAL CHARGES 6.086.33
DISCOUNT 1521.58 IF PAID IN 30 DAYS
\$ 4,564.75

PRINTED NAME X Mike Ganschler
SIGNATURE X Mike Ganschler
Thank you!!!