

CONFIDENTIAL

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KANSAS CORPORATION COMMISSION

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

AUG 09 2010

Form ACO-1
June 2009

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

CONSERVATION DIVISION
WICHITA, KS
Form Must Be Typed
Form must be Signed
All blanks must be Filled

8/4/12

OPERATOR: License # 5254
Name: MIDCO Exploration, Inc.
Address 1: 414 Plaza Drive, Suite 204
Address 2: _____
City: Westmont State: IL Zip: 60559 + 1265
Contact Person: Earl J. Joyce, Jr.
Phone: (630) 655-2198
CONTRACTOR: License # 33630
Name: Titan Drilling LLC
Wellsite Geologist: N/A
Purchaser: N/A

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API No. 15 - 025-21199-00-01
Spot Description: 40' N & 160' E of NE SE
SW NE NE SE Sec. 19 Twp. 33 S. R. 25 East West
2,020 Feet from North / South Line of Section
500 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Clark
Lease Name: Theis Well #: 1-19 OWWO
Field Name: Cash City South
Producing Formation: Evaluating
Elevation: Ground: 2212 est Kelly Bushing: 2221
Total Depth: 7385 Plug Back Total Depth: 6960
Amount of Surface Pipe Set and Cemented at: 792 existing 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.

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil WSW SWD SLOW
 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: MIDCO Exploration, Inc.
Well Name: Theis #1-19
Original Comp. Date: 11/29/99 Original Total Depth: 5890'
 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 #: _____
5/6/10 5/11/10 6/16/10
Spud Date or Date Reached TD Completion Date or Recompletion Date

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: 60,000 ppm Fluid volume: 700 bbls
Dewatering method used: vacuum available free fluids
Location of fluid disposal if hauled offsite:
Operator Name: Bulldog Disposal
Lease Name: _____ License #: OK # 225070
Quarter _____ Sec. 28 Twp. 25N S. R. 25 East West
County: Harper Co., OK 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: [Signature]
Title: Vice-President Date: 8/4/10

KCC Office Use ONLY

Letter of Confidentiality Received
Date: 8/4/10 - 8/4/12
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: [Signature] Date: 8/3/10
wo

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Operator Name: MIDCO Exploration, Inc. Lease Name: Theis Well #: 1-19 OWWO
 Sec. 19 Twp. 33 S. R. 25 East West County: Clark

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Samples collected - not yet filed	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Heebner	4338	-2117
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Toronto	4353	-2132
Electric Log Submitted Electronically <i>(If no, Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Douglas	4404	-2183
List All E. Logs Run:			Lansing	4516	-2295
Borehole Compensated Sonic, Microresistivity, Dual Induction, Dual Compensated Porosity, Cement Bond Log, Tracer Survey			Base KC	5098	-2877
			Marmaton	5119	-2898
			Cherokee	5298	-3077
			Chester	5555	-3334
			St. Gen	5836	-3615
			Viola	6993	-4772
			Arbuckle	7326	-5105

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 (existing)	12 1/4"	8 5/8"	24#	792	ALW & com	400	3% cc
Production	7 7/8"	5 1/2"	15.5#	7367	H	325	10% gyp

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 <i>(Amount and Kind of Material Used)</i>	Depth
	all behind squeeze current cement retained @6960'	multiple squeeze from 6960-7036' to isolate	
2	6993-96; 6998-7002	2750 gallons INS	
2	7036-7041		
2	7049-7053	1250 gallons 15% INS	

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. Evaluating	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> 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> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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KANSAS CORPORATION COMMISSION
AUG 09 2010
CONSERVATION DIVISION
WICHITA, KS

ALLIED CEMENTING CO., LLC. 036690

KCC

AUG 04 2010

CONFIDENTIAL

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

SERVICE POINT:

Great Bend KS

DATE <u>6-7-10</u>	SEC. <u>19</u>	TWP. <u>33S</u>	RANGE <u>24W</u>	CALLED OUT	ON LOCATION	JOB START <u>3:00 PM</u>	JOB FINISH <u>3:30 PM</u>
LEASE <u>Theis</u>	WELL# <u>1-19</u>	LOCATION <u>160 S 283 1 South</u>			COUNTY <u>Clark</u>	STATE <u>Ks</u>	
OLD OR <u>NEW</u> (Circle one)		<u>6.25 miles west center into</u>					

CONTRACTOR Superior Servicing OWNER

TYPE OF JOB Sauzeze

HOLE SIZE	T.D. <u>6997</u>
CASING SIZE <u>5 1/2</u>	DEPTH
TUBING SIZE <u>2 3/8</u>	DEPTH <u>6925</u>
DRILL PIPE <u>Power</u>	DEPTH <u>6925</u>
TOOL <u>Bluze plug</u>	DEPTH <u>6997</u>
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS. <u>6993 - 6995</u>	
DISPLACEMENT	

EQUIPMENT

PUMP TRUCK	CEMENTER <u>wayne-D</u>
# <u>191</u>	HELPER <u>Alvin-R</u>
BULK TRUCK	
# <u>456</u>	DRIVER <u>456</u>
BULK TRUCK	
#	DRIVER

REMARKS:

load hole with 70 BBHs
Tool inject rate at 6 BBHs per min.
load back side BBHs TO 1200'
Mix 50% class A 1% cc mix 50%
at neat shut in. wash pump and line
Hook up to Tubing Displace 22 BBHs
To 3500 psi Release and hold. Reverse
out with 140 BBHs freshwater
wash up Press casing to 1000 psi

CHARGE TO: Midco Exp

STREET _____

CITY _____ STATE _____ ZIP _____

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 David H Mayfield

SIGNATURE David H Mayfield

CEMENT

AMOUNT ORDERED 50 class A 1% cc
100% class A
used 50% class A 1% cc used 50% at neat

COMMON	<u>100</u>	@	<u>15.45</u>	<u>1545.00</u>
POZMIX		@		
GEL		@		
CHLORIDE	<u>1</u>	@	<u>58.20</u>	<u>58.20</u>
ASC		@		

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CONSERVATION DIVISION
WICHITA, KS

HANDLING	<u>150</u>	@	<u>2.40</u>	<u>360.00</u>
MILEAGE	<u>150 x 30 x .10</u>			<u>450.00</u>

TOTAL 2413.20

SERVICE

DEPTH OF JOB	<u>6925</u>			
PUMP TRUCK CHARGE	<u>2011.00</u>			
EXTRA FOOTAGE		@		
MILEAGE	<u>30</u>	@	<u>7.00</u>	<u>210.00</u>
MANIFOLD		@		
		@		
		@		

TOTAL 2221.00

PLUG & FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		

TOTAL _____

SALES TAX (If Any) _____

TOTAL CHARGES 2221.00

DISCOUNT _____ IF PAID IN 30 DAYS

ALLIED CEMENTING CO., LLC. 042138

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

KCC
AUG 04 2010

SERVICE POINT: Medicine Lodge

DATE <u>08/10/10</u>	SEC. <u>19</u>	TWP. <u>33S</u>	RANGE <u>25W</u>	ON LOCATION <u>8:30 AM</u>	JOB START <u>9:00 AM</u>	JOB FINISH <u>12:15 PM</u>
LEASE <u>Theris</u>	WELL # <u>179</u>	LOCATION <u>Englewood jet. 15, low,</u>	COUNTY <u>Clark</u>	STATE <u>Ks.</u>		
<input checked="" type="radio"/> OLD OR NEW (Circle one)			<u>3.5 x 8 into</u>			

CONTRACTOR Superior

TYPE OF JOB Squeeze

HOLE SIZE _____ T.D. _____

CASING SIZE 5 1/2 DEPTH _____

TUBING SIZE 2 7/8 DEPTH 6960'

DRILL PIPE _____ DEPTH _____

TOOL Rotary DEPTH 6960'

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. 6993'

DISPLACEMENT 408815

OWNER Midco Exploration

CEMENT AMOUNT ORDERED 35.5x Class A

EQUIPMENT

PUMP TRUCK CEMENTER MARK Coley

360-265 HELPER Matt

BULK TRUCK

364 DRIVER Ron

BULK TRUCK

_____ DRIVER _____

COMMON	<u>A 35 sk</u>	@	<u>15.45</u>	<u>540</u>	<u>75</u>
POZMIX	_____	@	_____	_____	_____
GEL	_____	@	_____	_____	_____
CHLORIDE	_____	@	_____	_____	_____
ASC	_____	@	_____	_____	_____
HANDLING	<u>35</u>	@	<u>2.40</u>	<u>84.00</u>	_____
MILEAGE	<u>35/30/10</u>	(M:n)	_____	<u>312.00</u>	_____
				TOTAL	<u>936.75</u>

REMARKS:

Pressure test. Load Annular w/ 388815 to 100 psi. Take inj. etc. mix 35.5x A. Disp w/ 408815. Reverse out w/ 508815. pressure casing to

SERVICE

DEPTH OF JOB	<u>6960'</u>	_____	_____
PUMP TRUCK CHARGE	<u>2011.00</u>	_____	_____
EXTRA FOOTAGE	_____	@	_____
MILEAGE	<u>30</u>	@	<u>7.00</u> <u>210.00</u>
MANIFOLD	_____	@	_____
_____	_____	@	_____
_____	_____	@	_____
TOTAL <u>2221.00</u>			

CHARGE TO: Midco Exploration

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

<u>None</u>	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
TOTAL _____		

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 David H Mayfield

SIGNATURE David H Mayfield

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS _____

RECEIVED
KANSAS CORPORATION COMMISSION
AUG 09 2010
CONSERVATION DIVISION
MICHITA, KS

ALLIED CEMENTING CO., LLC. 041501

KCC

AUG 04 2010

CONFIDENTIAL

ATTN: P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Medicine Lodge, KS

DATE <u>052210</u>	SEC. <u>19</u>	TWP. <u>33s</u>	RANGE <u>25w</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>12:30 PM</u>
LEASE <u>Thies</u>	WELL # <u>1-19</u>	LOCATION		RECEIVED KANSAS CORPORATION COMMISSION		COUNTY <u>Clark</u>	STATE <u>KS</u>
OLD OR NEW (Circle one) <u>NEW</u>				AUG 09 2010			

CONTRACTOR Superior Servicing inc. #6

TYPE OF JOB Retainer Squeeze

HOLE SIZE T.D.

CASING SIZE 5 1/4 DEPTH

TUBING SIZE 2 3/8 DEPTH 70.15

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX 3000 MINIMUM —

MEAS. LINE SHOE JOINT N/A

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT 1 7/8 Bbls Fresh HD

OWNER Midco Explo.

CEMENT AMOUNT ORDERED 200sx class A (used 75sx A + 2%cc & 75sx A neat)

COMMON	<u>150 SX</u>	@	<u>15.45</u>	<u>2317</u>	<u>00</u>
POZMIX		@			
GEL		@			
CHLORIDE	<u>2 SX</u>	@	<u>58.00</u>	<u>116</u>	<u>40</u>
ASC		@			
		@			
		@			
		@			
		@			
		@			
		@			
		@			
		@			
HANDLING	<u>200</u>	@	<u>2.40</u>	<u>480</u>	<u>00</u>
MILEAGE	<u>200/30/10</u>	@		<u>600</u>	<u>00</u>
				TOTAL	<u>3513</u>

EQUIPMENT

PUMP TRUCK CEMENTER D. Felin

414-302 HELPER R. Gilley

BULK TRUCK

353-250 DRIVER T.

BULK TRUCK

DRIVER

REMARKS:

Load back side to 1000 PSI, take injection rate = 5 1/2 to 6 BPM at 400 to 500 PSI, Mix 75sx A + 2%cc & Mix 75sx "A" neat cement, Stop Pump - Wash Pump & Lines, Start Dis. p. at 4 BPM, w/ Fresh HD, pressure consent 14 Bbls out, shut down at 17 1/2 Bbls at 3000 PSI, string out, release out w/ 100' Bbls, Pulled 32 Jts, Press up to 700 #

SERVICE

DEPTH OF JOB 70.36

PUMP TRUCK CHARGE 2011

EXTRA FOOTAGE @

MILEAGE 30 @ 7 = 210

MANIFOLD Squeeze @ N/C

CHARGE TO: Midco Explo.

STREET

CITY STATE ZIP

TOTAL 2221

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 David H Mayfield

SIGNATURE David H Mayfield

PLUG & FLOAT EQUIPMENT

None

TOTAL

SALES TAX (If Any)

TOTAL CHARGES 2221

DISCOUNT 0 IF PAID IN 30 DAYS

ALLIED CEMENTING CO., LLC. 041496

TO P.O. BOX 31
RUSSELL, KANSAS 67665

AUG 09 2010
CONFIDENTIAL

SERVICE POINT:
Medicine Lodge KS

DATE <i>05-11-10</i>	SEC. <i>19</i>	TWP. <i>33s</i>	RANGE <i>25w</i>	CALLED OUT	ON LOCATION	JOB START <i>11:15pm</i>	JOB FINISH <i>12:30 Am</i>
LEASE <i>Thies</i>	WELL # <i>1-19</i>	LOCATION <i>283 & 160 Jct., 1s, 6.2w, 3s/</i>			COUNTY <i>Clark</i>	STATE <i>KS</i>	
OLD OR NEW (Circle one)		<i>into</i>					

CONTRACTOR *Titan #1*
 TYPE OF JOB *Production Casing*
 HOLE SIZE *7 7/8* T.D. *7385 RTD*
 CASING SIZE *5 1/2* DEPTH *7367*
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX *2100* MINIMUM *—*
 MEAS. LINE SHOE JOINT *40.14*
 CEMENT LEFT IN CSG. *40'*
 PERFS.
 DISPLACEMENT *17 1/2 Bbls 2% KCL Water*

OWNER *Midea Explo.*
 CEMENT
 AMOUNT ORDERED *350s x Class "H" + 10% Gyp + 10% salt + 5% Kalsol + 5% FL-160 + 0.25% Gas Block & Deformer & 750 gals Mud Clean & 17 gals Clapro*
 COMMON class H *350 @ 16.75 5862.50*
 POZMIX @
 GEL @
 CHLORIDE RECEIVED @
KANSAS CORPORATION COMMISSION
 ASC @
 Gyp *1 AUG 09 2010 33 @ 29.20 963.60*
 Salt *45 @ 12.00 540.00*
 Kalsol CONSERVATION DIVISION WICHITA, KS *50 @ .89 1557.50*
 FL-160 *197# @ 13.30 2620.10*
 Gas Block *82# @ 11.10 910.20*
 Deformer *49# @ 8.50 416.50*
 Clapro *17 gal @ 31.25 531.25*
 HANDLING *150 @ 2.40 360.00*
 MILEAGE *10 x 30 x 150 450.00*
 TOTAL *14,211.65*

EQUIPMENT
 PUMP TRUCK CEMENTER *D. Felio*
 # *360-265* HELPER *M. Thimesch*
 BULK TRUCK
 # *421-251* DRIVER *R. Gilley*
 BULK TRUCK
 # DRIVER

REMARKS:
Pipe on Bttm, Break Cicc., Pump Preflush, Plug Rat & Mouse Holes w/ 25sx Cement Mix 325sx H: 10 & 10 cement. Stop Pump, Wash Pump & Lines, Release Plug, Start Disp. w/ 2% KCL Water. See Steady increase in PST, Slow Rate. Bump Plug at 17 1/2 Bbls total Disp., Release PST - Floats Did Hold

SERVICE
 DEPTH OF JOB *7367*
 PUMP TRUCK CHARGE *2185.00*
 EXTRA FOOTAGE @
 MILEAGE *30 @ 7.00 210.00*
 MANIFOLD Head rental @ *N/C*
 TOTAL *2,395.00*

CHARGE TO: *Midea Explo.*
 STREET
 CITY STATE ZIP

PLUG & FLOAT EQUIPMENT
 1- AFV Float Shoe @ *205.00 205.00*
 1- Catch down Plug Assy @ *144.20 144.20*
 10- turbolizers @ *37.80 378.00*
 10- centralizers @ *30.80 308.00*
 TOTAL *1035.20*

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 *David H Mayfield*
 SIGNATURE *David H Mayfield*

SALES TAX (If Any)
 TOTAL CHARGES
 DISCOUNT *B:1* IF PAID IN 30 DAYS

HALLIBURTON

KCC

AUG 04 2010

CONFIDENTIAL

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 317869	Ship To #: 2786784	Quote #:	Sales Order #: 7401595
Customer: MIDCO EXPLORATION INC.		Customer Rep: Mayfield, David	
Well Name: Theis	Well #: 1-19	API/UWI #:	
Field:	City (SAP): ENGLEWOOD	County/Parish: Clark	State: Kansas
Contractor: WORK OVER	Rig/Platform Name/Num:		
Job Purpose: Squeeze Hole in Casing			AUG 09 2010
Well Type: Development Well	Job Type: Squeeze Hole in Casing		
Sales Person: CRAWFORD, ROBERT	Srvc Supervisor: SMITH, BOBBY	MBU ID Emp #:	106036

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
ARNETT, JAMES Ray	6	226567	HAYES, CRAIG H	6	449385	SMITH, BOBBY Wayne	6	106036

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours

TOTAL Total is the sum of each column separately

Job

Formation Name	Formation Depth (MD)	Top	Bottom	Job Times	Date	Time	Time Zone
				Called Out	28 - May - 2010	00:00	CST
Form Type			BHST	On Location	28 - May - 2010	00:00	CST
Job depth MD	7500. ft		Job Depth TVD	Job Started	28 - May - 2010	00:00	CST
Water Depth			Wk Ht Above Floor	Job Completed	28 - May - 2010	00:00	CST
Perforation Depth (MD)	From	To		Departed Loc	28 - May - 2010	00:00	CST

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Retainer	Unknown							7500.	7500.		
5.5" Casing	Unknown		5.5	4.892	17.				7500.		
Tubing	Unknown		2.875	2.441	6.5				7500.		

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			

Miscellaneous Materials

Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc	%
Treatment Fld	Conc	Inhibitor	Conc	Sand Type	Size	Qty	

Fluid Data

Stage/Plug #: 1										
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk	

HALLIBURTON

Cementing Job Summary

Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	STANDARD	CMT - STANDARD CEMENT (100003684)	50.0	sacks	15.6	1.18	5.31		5.31
94 lbm		CMT - STANDARD - CLASS A REG OR TYPE I, BULK (100003684)							
5.305 Gal		FRESH WATER							
2	Standard Second Squeeze	CMT - STANDARD CEMENT (100003684)	50.0	sacks	15.6	1.18	5.31		5.31
94 lbm		CMT - STANDARD - CLASS A REG OR TYPE I, BULK (100003684)							
5.305 Gal		FRESH WATER							
3	Standard Optional 3rd Squeeze	CMT - STANDARD CEMENT (100003684)		sacks	15.6	1.18	5.31		5.31
94 lbm		CMT - STANDARD - CLASS A REG OR TYPE I, BULK (100003684)							
5.305 Gal		FRESH WATER							
Calculated Values		Pressures		Volumes					
Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad	
Top Of Cement		5 Min		Cement Returns		Actual Displacement		Treatment	
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job	
Rates									
Circulating		Mixing		Displacement		Avg. Job			
Cement Left In Pipe	Amount	40 ft	Reason	Shog Joint					
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID		
The Information Stated Herein Is Correct				Customer Representative Signature <i>David A. Mahaffey</i>					

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KANSAS CORPORATION COMMISSION
AUG 09 2010
CONSERVATION DIVISION
WICHITA, KS

HALLIBURTON

KCC

AUG 04 2010

CONFIDENTIAL

Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 317869	Ship To #: 2786784	Quote #:	Sales Order #: 7401595
Customer: MIDCO EXPLORATION INC.		Customer Rep: Mayfield, David	
Well Name: Theis	Well #: 1-19	API/UWI #:	
Field:	City (SAP): ENGLEWOOD	County/Parish: Clark	State: Kansas
Legal Description:			
Lat:		Long:	
Contractor: WORK OVER		Rig/Platform Name/Num:	
Job Purpose: Squeeze Hole in Casing			Ticket Amount:
Well Type: Development Well		Job Type: Squeeze Hole in Casing	
Sales Person: CRAWFORD, ROBERT		Srvc Supervisor: SMITH, BOBBY	MBU ID Emp #: 106036

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	05/28/2010 16:00							
Depart Location Safety Meeting	05/28/2010 16:00							
Arrive At Loc	05/28/2010 16:05							
Assessment Of Location Safety Meeting	05/28/2010 16:05							Tubing on bottom stabled in the retainer
Pre-Rig Up Safety Meeting	05/28/2010 16:10							
Rig-Up Completed	05/28/2010 16:40							
Safety Meeting - Pre Job	05/28/2010 16:45							
Start Job	05/28/2010 16:46							
Test Lines	05/28/2010 16:47						5000.0	
Test Lines	05/28/2010 16:49						3000.0	back side valve
Pressure Up Annulus	05/28/2010 16:52			4.5			1400.0	water
Injection Test	05/28/2010 16:56		5	35			1500.0	tubing
Pump Tail Cement	05/28/2010 17:08		5	21.01			200.0	100 sx = 118 ft3.
Clean Lines	05/28/2010 17:15							
Pump Displacement	05/28/2010 17:26		6	38.5			2000.0	water
Reverse Circ Well	05/28/2010 17:48		2	44				
Other	05/28/2010 18:15							work over is pulling 30 stands
Pressure Up Well	05/28/2010 18:34							

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Sold To #: 317869

Ship To #: 2786784

Quote #:

AUG 09 2010 Sales Order #: 7401595

SUMMIT Version: 7.20.130

Friday, May 28, 2010 06:46:00

CONSERVATION DIVISION
WICHITA, KS

HALLIBURTON

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
End Job	05/28/2010 18:40			7.5			500.0	
Rig-Down Equipment	05/28/2010 18:46							
Rig-Down Completed	05/28/2010 21:30							
Depart Location for Service Center or Other Site	05/28/2010 22:00							Thank you for calling Halliburton. Bob and crew.

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CONSERVATION DIVISION
WICHITA, KS

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Friday, May 28, 2010 06:46:00