

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

ORIGINAL

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

OPERATOR: License # 3180
Name: Deutsch Oil Company
Address 1: 8100 E. 2nd Street North, Bldg. 600
Address 2: _____
City: Wichita State: Ks Zip: 67226 + _____
Contact Person: Kent Deutsch
Phone: (316) 681-3567
CONTRACTOR: License # 5123
Name: Pickrell Drilling Co. Inc
Wellsite Geologist: Sean Dennihan
Purchaser: Sunoco

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 #: _____

07-29-11	08-07-11	10-21-11
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 097-21699-00-00

Spot Description: _____
C NE SE Sec. 35 Twp. 29 S. R. 16 East West
1,980 1849 Feet from North / South Line of Section
660 625 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Kiowa
Lease Name: Anchor D Well #: 1-35
Field Name: _____
Producing Formation: Mississippi
Elevation: Ground: 1930 ft. Kelly Bushing: 1940 ft.
Total Depth: 5000 ft. Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 306 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: 110,000 ppm Fluid volume: 240 bbls
Dewatering method used: Water Truck
Location of fluid disposal if hauled offsite: _____
Operator Name: Pratt Well Service
Lease Name: Watson License #: 5893
Quarter _____ Sec. 7 Twp. 27 S. R. 13 East West
County: Pratt Permit #: D-19338

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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: Owner Date: 11-20-11

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: Dlg Date: 3/6/12

Operator Name: Deutsch Oil Company Lease Name: Anchor D Well #: 1-35
 Sec. 35 Twp. 29 S. R. 16 East West County: Kiowa

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Micro, Sonic, Dual Induction, Neutron/Density	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>Heebner</td> <td>3884</td> <td>-1944</td> </tr> <tr> <td>Lansing</td> <td>4070</td> <td>-2130</td> </tr> <tr> <td>Mississippi</td> <td>4618</td> <td>-2678</td> </tr> <tr> <td>Viola</td> <td>4739</td> <td>-2799</td> </tr> <tr> <td>Arbuckle</td> <td>4983</td> <td>-3043</td> </tr> </tbody> </table>	Name	Top	Datum	Heebner	3884	-1944	Lansing	4070	-2130	Mississippi	4618	-2678	Viola	4739	-2799	Arbuckle	4983	-3043
Name	Top	Datum																	
Heebner	3884	-1944																	
Lansing	4070	-2130																	
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Viola	4739	-2799																	
Arbuckle	4983	-3043																	

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"	24#	306	60/40 poz	215	2% Gel. 3% cc
Production	7 7/8"	5 1/2"	14#	4731	Class A AFC	100	5# KC/sx, .3% FL-160

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input checked="" 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
4	4618-4620	2500 gals. 10% HCA	
2	4621-4640	<small>Frnc: 6087.4 Bbls. slick water, 942 cwt 20/40 sd., 6986 cwt. 16/30 sd., 100 cwt. 16/30 resin coated sd.</small>	

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TUBING RECORD: Size: <u>2 3/4"</u> Set At: <u>4594 ft.</u> Packer At: <u> </u> Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		KCC WICHITA			
Date of First, Resumed Production, SWD or ENHR. <u> </u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) <u> </u>				
Estimated Production Per 24 Hours	Oil Bbls. <u>15</u>	Gas Mcf <u>TSTM</u>	Water Bbls. <u>150</u>	Gas-Oil Ratio <u> </u>	Gravity <u>40</u>

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" 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 (Specify) <u> </u>	PRODUCTION INTERVAL: <u>4618-4640</u>
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ALLIED CEMENTING CO., LLC. 040754

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

SERVICE POINT: Mal. Lohdy

DATE <u>7-29-11</u>	SEC <u>35</u>	TWP. <u>29S</u>	RANGE <u>16W</u>	CALLED OUT	ON LOCATION	JOB START <u>4:00pm</u>	JOB FINISH <u>4:30pm</u>
LEASE <u>Anchor D</u>		WELL# <u>1-35</u>		LOCATION <u>54 + Bellevue Rd 9 1/2 S</u>		COUNTY <u>Frank</u>	STATE <u>KS</u>
OLD OR NEW (Circle one)				<u>Exho</u>			

CONTRACTOR Rockwell Drilling
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 311'
 CASING SIZE 8 3/8 DEPTH 294'
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX 300psi MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 20'
 PERFS.
 DISPLACEMENT 18 1/2 bbls H₂O

OWNER Deutsch Oil Co.
 CEMENT
 AMOUNT ORDERED 215sx 60:40:2%gel + 3%cc

EQUIPMENT

PUMP TRUCK CEMENTER Matt Thinesch
 # 360/265 HELPER Jason Thinesch
 BULK TRUCK
 # 364 DRIVER Eddie Roe
 BULK TRUCK
 # DRIVER

COMMON	<u>129</u>	@ <u>16.25</u>	<u>2096.25</u>
POZMIX	<u>86</u>	@ <u>8.50</u>	<u>731.-</u>
GEL	<u>4</u>	@ <u>21.25</u>	<u>85.-</u>
CHLORIDE	<u>7</u>	@ <u>58.20</u>	<u>407.40</u>
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>226</u>	@ <u>2.25</u>	<u>508.50</u>
MILEAGE	<u>226/321.11</u>		<u>795.52</u>
TOTAL			<u>4623.67</u>

REMARKS:

Back circulation with R₂₃
pump 3 bbls H₂O ahead
mix 215sx cement shut down
release plug drop 18 1/2 bbls H₂O
shut in cement drs circulate

SERVICE

DEPTH OF JOB <u>294'</u>		
PUMP TRUCK CHARGE		<u>1125.-</u>
EXTRA FOOTAGE	@	
MILEAGE <u>64</u>	@ <u>7.00</u>	<u>448.-</u>
MANIFOLD	@	
<u>light vehicle 1H</u>	@ <u>4.00</u>	<u>256.-</u>
	@	

CHARGE TO: Deutsch Oil Co.
 STREET _____
 CITY _____ STATE _____ ZIP _____

TOTAL 1829.

8 5/8 PLUG & FLOAT EQUIPMENT

<u>1-wooden plug</u>	@ <u>92.</u>	<u>92.-</u>
	@	
	@	
	@	

TOTAL 92.-

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 Mike Kern
 SIGNATURE Mike Kern

SALES TAX (If Any) _____
 TOTAL CHARGES 6544.67
 DISCOUNT _____ IF PAID IN 30 DAYS

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ALLIED CEMENTING CO., LLC. 037779

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

SERVICE POINT:
Medicine Lodge, KS

DATE <i>08-07-11</i>	SEC. <i>35</i>	TWP. <i>29s</i>	RANGE <i>16w</i>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <i>12:00 midnight</i>
LEASE <i>Anchor D</i>	WELL # <i>1-35</i>	LOCATION <i>54 & Belvedere Blacktop, 9/4s,</i>	COUNTY <i>Rawl</i>	STATE <i>KS</i>			
OLD OR NEW (Circle one)			<i>E / into</i>				

CONTRACTOR *Pickrell #1* OWNER *Deutsch oil co.*

TYPE OF JOB *Production Casing*

HOLE SIZE *7 7/8* T.D.

CASING SIZE *5 1/2* DEPTH *4735*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX *1000#* MINIMUM *—*

MEAS. LINE SHOE JOINT *42.20*

CEMENT LEFT IN CSG. *42'*

PERFS.

DISPLACEMENT *11 1/2 Bbls Fresh H₂O*

EQUIPMENT

PUMP TRUCK CEMENTER *D. Felia / T. Becker*

414-302 HELPER *R. Gilley*

BULK TRUCK

421-252 DRIVER *A. Miller / D. Felia*

BULK TRUCK

DRIVER

CEMENT

AMOUNT ORDERED *50sx 60:40:4% gel & 100sx class A ASC + 5# Kalseal + .3% FL-160 & 500 gal ASF*

COMMON	<i>30 8X</i>	@ <i>16.25</i>	<i>495.00</i>
POZMIX	<i>20 8X</i>	@ <i>8.50</i>	<i>170.00</i>
GEL	<i>2 8X</i>	@ <i>21.25</i>	<i>42.50</i>
CHLORIDE		@	
ASC	<i>100 8X</i>	@ <i>19.00</i>	<i>1900.00</i>
<i>Kalseal</i>	<i>500 #</i>	@ <i>.89</i>	<i>445.00</i>
<i>FL-160</i>	<i>47 #</i>	@ <i>17.20</i>	<i>808.40</i>
<i>ASF</i>	<i>500 gal</i>	@ <i>1.27</i>	<i>635.00</i>

HANDLING	<i>181</i>	@ <i>2.25</i>	<i>407.25</i>
MILEAGE	<i>181 / 32 / .11</i>		<i>637.12</i>
	<i>40% / 382.27</i>		<i>152.91</i>
			TOTAL <i>5540.27</i>
			<i>\$ 5285.42</i>

REMARKS:

Pipe on Btm, Break Casing, Pump Preflush, Plug Rat & Mouse holes w/ 50sx 60:40 cement Mix 100sx A ASC + 5# Kalseal + .3% FL-160, Stop Pump, Wash Pump & Lines, Release Plug, Start Disp. w/ Fresh H₂O, See Steady increase in Pst, Slow Rate, Pump Plug at 11 1/2 Bbls total Disp., Release Pst, Float Did Hold

SERVICE

DEPTH OF JOB	<i>4735</i>		
PUMP TRUCK CHARGE			<i>240.00</i>
EXTRA FOOTAGE		@	
MILEAGE	<i>64</i>	@ <i>7.00</i>	<i>448.00</i>
MANIFOLD <i>hand rental</i>		@ <i>200.00</i>	<i>200.00</i>
<i>Light Vehicle</i>	<i>64</i>	@ <i>4.00</i>	<i>256.00</i>
			TOTAL <i>3309.00</i>
			<i>40% mileage 40% #422.40</i>
			TOTAL <i>3731.40</i>

CHARGE TO: *Deutsch oil co.*

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

<i>1-TRP</i>	@ <i>73.00</i>	<i>73.00</i>
<i>1-AFV insert</i>	@ <i>286.00</i>	<i>286.00</i>
<i>1-Grade Shoe</i>	@ <i>240.00</i>	<i>240.00</i>
<i>1-Cement Bucket</i>	@ <i>337.00</i>	<i>337.00</i>
<i>6-trussalizers</i>	@ <i>80.00</i>	<i>480.00</i>
TOTAL <i>1416.00</i>		

To Allied Cementing Co., LLC.

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PRINTED NAME *Mike Kern*

SIGNATURE *Mike Kern*

SALES TAX (If Any) _____

TOTAL CHARGES *10,234.24*

DISCOUNT *(23.1507)* IF PAID IN 30 DAYS

NET *7919.17*

20/40

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5%