Confidentiality Requested: Yes No

KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

1086078

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 #	API No. 15
Name:	Spot Description:
Address 1:	
Address 2:	Feet from Dorth / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
	Elevation: Ground: Kelly Bushing:
Gas D&A ENHR SIGW	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Drilling Fluid Management Plan
Plug Back Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:	Dewatering method used:
Dual Completion Permit #: SWD Permit #:	
	Location of fluid disposal if hauled offsite:
ENHR Permit #: GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec Twp S. R East _ West
Recompletion Date Reached TD Recompletion Date of Recompletion Date	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:

	Page Two	1086078
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East West	County:	
INCTRINCTIONS. Changing particulations of formations parastrated	atail all aaraa Bapart a	Il final conice of drill stome tests giving interval tested, time test

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 (Attach Additional She	eets)	Yes No		-	on (Top), Depth a		Sample
Samples Sent to Geolog	gical Survey	Yes No	Nam	9		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
			RECORD Ne		ion, 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 / SQU	EEZE RECORD			
Purposo:	Denth						

Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing				
Plug Back TD				
Plug Off Zone				

No

Did you perform a hydraulic fracturing treatment on this well?	Yes
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?	Yes
Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?	Yes

No	(If No, skip questions 2 and 3)
No	(If No, skip question 3)

(If No, fill out Page Three of the ACO-1)

Shots Per Foot		PERFORATION Specify For		RD - Bridge F Each Interval		e	А		ement Squeeze Record I of Material Used)	Depth
TUBING RECORD:	Siz	ze:	Set At:		Packer	r At:	Liner Ru	in:	No	
Date of First, Resumed	l Producti	ion, SWD or ENHF	} .	Producing N		ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	S.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
									1	
DISPOSITI	ON OF C	GAS:			METHOD	OF COMPLE	TION:		PRODUCTION IN	FERVAL:
Vented Solo	J ∏ L	Used on Lease		Open Hole	Perf.	Dually		Commingled		
(If vented, Su	bmit ACC	D-18.)		Other (Specify))	(Submit /		(Submit ACO-4)		

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

Form	ACO1 - Well Completion
Operator	Deutsch, Kent A. dba Deutsch Oil Company
Well Name	Schaffer Trust 1-6
Doc ID	1086078

Tops

Name	Тор	Datum
Heebner Sh.	4032	1562
Lansing	4090	1620
Base K.C.	4508	2038
Marmaton	4526	2056
Pawnee	4594	2124
Ft. Scott	4630	2160
Cherokee Sand	4745	2275
Mississippi	4787	2317

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

June 28, 2012

Kent Deutsch Deutsch, Kent A. dba Deutsch Oil Company 8100 E 22ND ST N WICHITA, KS 67226

Re: ACO1 API 15-083-21766-00-00 Schaffer Trust 1-6 NW/4 Sec.06-24S-23W Hodgeman 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.

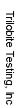
Respectfully, Kent Deutsch

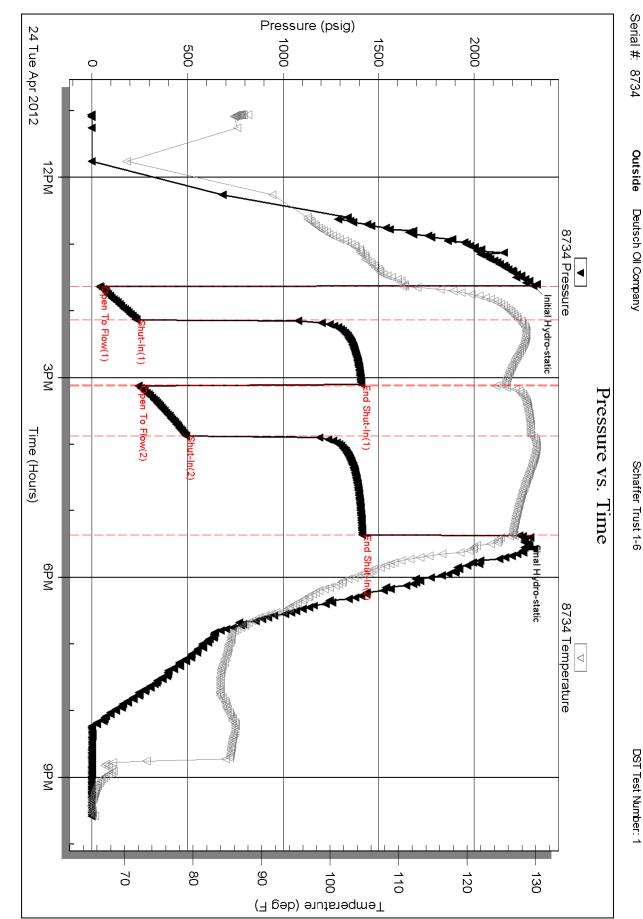
	RILOBITE	Deutsch Oll Company	/		22	4c 23w	Hodgema	n	
面	ESTING , INC.		,				-		
		8100 E 22nd St Bldg 600 Ste D				haffer T			
		Wichita, KS 67226			Job	Ticket: 45	5712	DST#:1	
		ATTN: Kent Deutsc	h		Tes	t Start: 20)12.04.24 @	11:03:30	
GENERAL	INFORMATION:								
ormation:	Cherokee				_	_			
Deviated: Time Tool On	No Whipstock: ened: 13:38:00	ft (KB)			Tes Tes		Conventiona Paul Simpsor	I Bottom Hole	(Initial)
	ded: 21:34:30						41		
nterval:	4733.00 ft (KB) To 47	48.00 ft (KB) (TVD)			Ref	erence Ele	evations:	2050.00 f	ft (KB)
Total Depth:	4748.00 ft (KB) (T√							2040.00 f	
-lole Diameter	r: 7.88 inchesHole	Condition: Good				KB t	to GR/CF:	10.00 f	ft
Serial #: 8									
Press@RunD Start Date:	epth: 491.07 psig 2012.04.24	@ 4735.00 ft (KB) End Date:		2012.04.24	Capacity Last Cali			8000.00 2012.04.24	psig
Start Time:	11:03:31	End Time:		2012.04.24	Time On		2012.04.24		
	-			-	Time Off		2012.04.24		
	FSI 90- w eak blo		3 minutes	T					
			3 minutes						
	FSI 90- w eak blo Pressure vs. Ti	w built to 2.5"	3 minutes		PI	RESSUF	RE SUMM	ARY	
	FSI 90- w eak blo	w built to 2.5"	3 minutes	Time	Pressure	Temp	RE SUMM/		
	FSI 90- w eak blo Pressure vs. Ti	w built to 2.5"	130	Time (Min.) 0			Annotatio	n	
200	FSI 90- w eak blo Pressure vs. Ti	w built to 2.5"		(Min.)	Pressure (psig)	Temp (deg F)	Annotatio Initial Hydro Open To Fl	on o-static	
-	FSI 90- w eak blo Pressure vs. Ti	w built to 2.5"	130	(Min.) 0 1 31	Pressure (psig) 2309.67 40.74 232.31	Temp (deg F) 110.86 110.61 127.41	Annotatio Initial Hydro Open To Fl Shut-In(1)	on o-static low (1)	
	FSI 90- w eak blo Pressure vs. Ti	w built to 2.5"	- 130 - 130 - 120 - 120 - 110 	(Min.) 0 1 31 89	Pressure (psig) 2309.67 40.74 232.31 1410.05	Temp (deg F) 110.86 110.61 127.41 125.49	Annotatio Initial Hydro Open To Fl Shut-In(1) End Shut-Ir	on o-static low (1) n(1)	
	FSI 90- w eak blo	w built to 2.5"	- 130 - 130 - 120 - 120 - 110 	(Min.) 0 1 31	Pressure (psig) 2309.67 40.74 232.31	Temp (deg F) 110.86 110.61 127.41 125.49	Annotatio Initial Hydro Open To Fl Shut-In(1) End Shut-Ir Open To Fl	on o-static low (1) n(1)	
1000	FSI 90- w eak blo	w built to 2.5"	- 130 - 130 - 120 110 	(Min.) 0 1 31 89 90 135 225	Pressure (psig) 2309.67 40.74 232.31 1410.05 242.88 491.07 1415.53	Temp (deg F) 110.86 110.61 127.41 125.49 124.23 129.32 126.60	Annotatio Initial Hydro Open To Fl Shut-In(1) End Shut-Ir Open To Fl Shut-In(2) End Shut-Ir	on o-static low (1) n(1) low (2) n(2)	
1000	FSI 90- w eak blo	w built to 2.5"	Temperature (deg F)	(Min.) 0 1 31 89 90 135	Pressure (psig) 2309.67 40.74 232.31 1410.05 242.88 491.07	Temp (deg F) 110.86 110.61 127.41 125.49 124.23 129.32	Annotatio Initial Hydro Open To Fl Shut-In(1) End Shut-Ir Open To Fl Shut-In(2) End Shut-Ir	on o-static low (1) n(1) low (2) n(2)	
1000	FSI 90- w eak blo	w built to 2.5"	- 130 - 130 - 120 - 120 - 110 	(Min.) 0 1 31 89 90 135 225	Pressure (psig) 2309.67 40.74 232.31 1410.05 242.88 491.07 1415.53	Temp (deg F) 110.86 110.61 127.41 125.49 124.23 129.32 126.60	Annotatio Initial Hydro Open To Fl Shut-In(1) End Shut-Ir Open To Fl Shut-In(2) End Shut-Ir	on o-static low (1) n(1) low (2) n(2)	
1000	FSI 90- w eak blo	w built to 2.5"	Temperature (deg F)	(Min.) 0 1 31 89 90 135 225	Pressure (psig) 2309.67 40.74 232.31 1410.05 242.88 491.07 1415.53	Temp (deg F) 110.86 110.61 127.41 125.49 124.23 129.32 126.60	Annotatio Initial Hydro Open To Fl Shut-In(1) End Shut-Ir Open To Fl Shut-In(2) End Shut-Ir	on o-static low (1) n(1) low (2) n(2)	
	FSI 90- w eak blo	w built to 2.5"	- 120 - 120 - 120 - 120 - 120 - 120 - 100 - 100 - 100 - 100 70 - 70	(Min.) 0 1 31 89 90 135 225	Pressure (psig) 2309.67 40.74 232.31 1410.05 242.88 491.07 1415.53	Temp (deg F) 110.86 110.61 127.41 125.49 124.23 129.32 126.60	Annotatio Initial Hydro Open To Fl Shut-In(1) End Shut-Ir Open To Fl Shut-In(2) End Shut-Ir	on o-static low (1) n(1) low (2) n(2)	
	FSI 90- w eak blo	w built to 2.5"	- 120 - 120 - 120 - 120 - 120 - 120 - 100 - 100 - 100 - 100 70 - 70	(Min.) 0 1 31 89 90 135 225	Pressure (psig) 2309.67 40.74 232.31 1410.05 242.88 491.07 1415.53	Temp (deg F) 110.86 110.61 127.41 125.49 124.23 129.32 126.60	Annotatio Initial Hydro Open To Fl Shut-In(1) End Shut-Ir Open To Fl Shut-In(2) End Shut-Ir	on o-static low (1) n(1) low (2) n(2)	
1000 1000 500 0 12Pl 12Pl 12Pl	FSI 90- w eak blo	w built to 2.5"	Temperature (derg F)	(Min.) 0 1 31 89 90 135 225	Pressure (psig) 2309.67 40.74 232.31 1410.05 242.88 491.07 1415.53	Temp (deg F) 110.86 110.61 127.41 125.49 124.23 129.32 126.60 126.22	Annotatio Initial Hydro Open To Fl Shut-In(1) End Shut-Ir Open To Fl Shut-In(2) End Shut-Ir Final Hydro	on o-static low (1) n(1) low (2) n(2) o-static	
1000 100 1000 1	FSI 90- w eak blo	w built to 2.5"	Temperature (derg F)	(Min.) 0 1 31 89 90 135 225	Pressure (psig) 2309.67 40.74 232.31 1410.05 242.88 491.07 1415.53	Temp (deg F) 110.86 110.61 127.41 125.49 124.23 129.32 126.60 126.22	Annotatio Initial Hydro Open To Fl Shut-In(1) End Shut-Ir Open To Fl Shut-In(2) End Shut-Ir Final Hydro	on o-static low (1) n(1) low (2) n(2) o-static	Rate (Mcf/d)
1000 1000 0 100	FSI 90- w eak blo	w built to 2.5"	Temperature (derg F)	(Min.) 0 1 31 89 90 135 225	Pressure (psig) 2309.67 40.74 232.31 1410.05 242.88 491.07 1415.53	Temp (deg F) 110.86 110.61 127.41 125.49 124.23 129.32 126.60 126.22	Annotatio Initial Hydro Open To Fl Shut-In(1) End Shut-Ir Open To Fl Shut-In(2) End Shut-Ir Final Hydro	on o-static low (1) n(1) low (2) n(2) o-static	Rate (Mcf/d)
1000 1000 1000 1000 1205.00	FSI 90- w eak blo	w built to 2.5" me втан Тетретиче Ф Ф Ф Ф Ф Ф Ф Ф Ф Ф Ф Ф Ф Ф Ф Ф Ф Ф Ф	Temperature (derg F)	(Min.) 0 1 31 89 90 135 225	Pressure (psig) 2309.67 40.74 232.31 1410.05 242.88 491.07 1415.53	Temp (deg F) 110.86 110.61 127.41 125.49 124.23 129.32 126.60 126.22	Annotatio Initial Hydro Open To Fl Shut-In(1) End Shut-Ir Open To Fl Shut-In(2) End Shut-Ir Final Hydro	on o-static low (1) n(1) low (2) n(2) o-static	Rate (Mcf/d)
1000 100 1000 1	FSI 90- w eak blo	w built to 2.5"	Temperature (derg F)	(Min.) 0 1 31 89 90 135 225	Pressure (psig) 2309.67 40.74 232.31 1410.05 242.88 491.07 1415.53	Temp (deg F) 110.86 110.61 127.41 125.49 124.23 129.32 126.60 126.22	Annotatio Initial Hydro Open To Fl Shut-In(1) End Shut-Ir Open To Fl Shut-In(2) End Shut-Ir Final Hydro	on o-static low (1) n(1) low (2) n(2) o-static	Rate (Mcf/d)
1000 1000 1000 1000 1000 1000 1000 1205.000	FSI 90- w eak blo	w built to 2.5" me втан Тетретиче Ф Ф Ф Ф Ф Ф Ф Ф Ф Ф Ф Ф Ф Ф Ф Ф Ф Ф Ф	Temperature (derg F)	(Min.) 0 1 31 89 90 135 225	Pressure (psig) 2309.67 40.74 232.31 1410.05 242.88 491.07 1415.53	Temp (deg F) 110.86 110.61 127.41 125.49 124.23 129.32 126.60 126.22	Annotatio Initial Hydro Open To Fl Shut-In(1) End Shut-Ir Open To Fl Shut-In(2) End Shut-Ir Final Hydro	on o-static low (1) n(1) low (2) n(2) o-static	Rate (Mcf/d)

上して	RILOBITE	Deuts	ch Oll Company	2 24s 23v	v Hodgeman	
	ESTING ,	INC			-	
	1	0.00	E 22nd St 00 Ste D	Schaffer		
			a, KS 67226	Job Ticket:	45712	DST#:1
		ATTN:	Kent Deutsch	Test Start:	2012.04.24 @ 11:	03:30
lud and Cust	hion Informat	on				
ud Type: Gel (Chem		Cushion Type:		Oil A PI:	38 deg API
ud Weight:	9.00 lb/gal		Cushion Length:	ft	Water Salinity:	ppm
iscosity:	47.00 sec/qt		Cushion Volume:	bbl	-	
ater Loss:	9.18 in ³		Gas Cushion Type:			
esistivity:	ohm.m		Gas Cushion Pressure:	psig		
alinity:	ppm					
lter Cake:	inches					
ecovery Info	ormation					
			Recovery Table		-	
		Length ft	Description	Volume bbl		
		120.00	gsy HOCM 5%G 40%O 55%M	1.68		
		1205.00	Gassy OIL 35%G 65%Oil	16.90		
		0.00	435' GIP	0.00	00	
	Total Leng	0.00	435' GIP 5.00 ft Total Volume: 18.586	•	00	
		0.00	•	•	—	
		0.00 th: 1325 Samples: 0	5.00 ft Total Volume: 18.586	bbl	—	
	Num Fluid Laborator	0.00 th: 1325 Samples: 0	5.00 ft Total Volume: 18.586 Num Gas Bombs: 0	bbl	—	
	Num Fluid Laborator	0.00 th: 1325 Samples: 0 / Name:	5.00 ft Total Volume: 18.586 Num Gas Bombs: 0	bbl	—	
	Num Fluid Laborator	0.00 th: 1325 Samples: 0 / Name:	5.00 ft Total Volume: 18.586 Num Gas Bombs: 0	bbl	—	
	Num Fluid Laborator	0.00 th: 1325 Samples: 0 / Name:	5.00 ft Total Volume: 18.586 Num Gas Bombs: 0	bbl	—	
	Num Fluid Laborator	0.00 th: 1325 Samples: 0 / Name:	5.00 ft Total Volume: 18.586 Num Gas Bombs: 0	bbl	—	
	Num Fluid Laborator	0.00 th: 1325 Samples: 0 / Name:	5.00 ft Total Volume: 18.586 Num Gas Bombs: 0	bbl	—	
	Num Fluid Laborator	0.00 th: 1325 Samples: 0 / Name:	5.00 ft Total Volume: 18.586 Num Gas Bombs: 0	bbl	—	
	Num Fluid Laborator	0.00 th: 1325 Samples: 0 / Name:	5.00 ft Total Volume: 18.586 Num Gas Bombs: 0	bbl	—	
	Num Fluid Laborator	0.00 th: 1325 Samples: 0 / Name:	5.00 ft Total Volume: 18.586 Num Gas Bombs: 0	bbl	—	
	Num Fluid Laborator	0.00 th: 1325 Samples: 0 / Name:	5.00 ft Total Volume: 18.586 Num Gas Bombs: 0	bbl	—	
	Num Fluid Laborator	0.00 th: 1325 Samples: 0 / Name:	5.00 ft Total Volume: 18.586 Num Gas Bombs: 0	bbl	—	
	Num Fluid Laborator	0.00 th: 1325 Samples: 0 / Name:	5.00 ft Total Volume: 18.586 Num Gas Bombs: 0	bbl	—	
	Num Fluid Laborator	0.00 th: 1325 Samples: 0 / Name:	5.00 ft Total Volume: 18.586 Num Gas Bombs: 0	bbl	—	
	Num Fluid Laborator	0.00 th: 1325 Samples: 0 / Name:	5.00 ft Total Volume: 18.586 Num Gas Bombs: 0	bbl	—	
	Num Fluid Laborator	0.00 th: 1325 Samples: 0 / Name:	5.00 ft Total Volume: 18.586 Num Gas Bombs: 0	bbl	—	
	Num Fluid Laborator	0.00 th: 1325 Samples: 0 / Name:	5.00 ft Total Volume: 18.586 Num Gas Bombs: 0	bbl	—	
	Num Fluid Laborator	0.00 th: 1325 Samples: 0 / Name:	5.00 ft Total Volume: 18.586 Num Gas Bombs: 0	bbl	—	
	Num Fluid Laborator	0.00 th: 1325 Samples: 0 / Name:	5.00 ft Total Volume: 18.586 Num Gas Bombs: 0	bbl	—	
	Num Fluid Laborator	0.00 th: 1325 Samples: 0 / Name:	5.00 ft Total Volume: 18.586 Num Gas Bombs: 0	bbl	—	
	Num Fluid Laborator	0.00 th: 1325 Samples: 0 / Name:	5.00 ft Total Volume: 18.586 Num Gas Bombs: 0	bbl	—	
	Num Fluid Laborator	0.00 th: 1325 Samples: 0 / Name:	5.00 ft Total Volume: 18.586 Num Gas Bombs: 0	bbl	—	
	Num Fluid Laborator	0.00 th: 1325 Samples: 0 / Name:	5.00 ft Total Volume: 18.586 Num Gas Bombs: 0	bbl	—	
	Num Fluid Laborator	0.00 th: 1325 Samples: 0 / Name:	5.00 ft Total Volume: 18.586 Num Gas Bombs: 0	bbl	—	
	Num Fluid Laborator	0.00 th: 1325 Samples: 0 / Name:	5.00 ft Total Volume: 18.586 Num Gas Bombs: 0	bbl	—	



Ref. No: 45712





Deutsch Oll Company

Schaffer Trust 1-6

DST Test Number: 1

ALLIED CEMENTING CO., LLC. 037969

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665 SERVICE POINT: Medicine Lodse Ks TWP. 245 JOB START 12:00 pm RANGE CALLED OUT ON LOCATION JOB FINISH SEC. DATE 5-7-2012 Schqfler 23 1:00 pm COUNTY HCSSeme STATE LOCATION Jetmore , KS 1-6 5 South LEASE Trust ZS WELL# OLD OR NEW Circle one) Y2 egst, South into Cheyenne Port Coller OWNER Deutsch CONTRACTOR OU TYPE OF JOB CEMENT HOLE SIZE T.D. AMOUNT ORDERED 155 5x 60:401 8% 60 CASING SIZE 51/2 15.5H DEPTH TUBING SIZE Yu # flos an 2118 DEPTH DRILL PIPE DEPTH DEPTH 1630 TOOL Dor+ Colle 935016.25 1511.25 COMMONC' 955 A PRES. MAX MINIMUM 623 @ 8.50 527.00 MEAS. LINE SHOE JOINT POZMIX CEMENT LEFT IN CSG. @ 21,25 GEL 11 Sx 233 PERFS. CHLORIDE @ DISPLACEMENTS 3/4 bb)s of fresh water ASC @ Floseri 28 # @ 2,70 78.30 EQUIPMENT @ @ CEMENTER Derin F. PUMP TRUCK @ #471-302 HELPER Derrice G 0 BULK TRUCK @ #471-252 DRIVER Troy 0 BULK TRUCK @ DRIVER HANDLING @ 2 375,75 25 1671.11 MILEAGE _ 734.80 TOTAL 3, 460, 85 **REMARKS:** Rig UPJ test Port collar to 1,000 ps/ Lost hole with 12/2 phis, pomp Smar bhis, mix 1S55x Of Cement, Shut down, WGSh pumps lines, Displace 834 bbls Shut down, close port collar, test to 1,000 ps/, Pun 3 Joints SERVICE DEPTH OF JOB 16 30' PUMP TRUCK CHARGE 05000 OF tubins , Reverse aux wirn 4066is werer **EXTRA FOOTAGE** @ R's down @ 7.00 40 MILEAGE 280.00 MANIFOLD SEU erze 250,00 @ Light vohicie @ 4.00 12. 12 12 40 @ CHARGE TO: Deutsch O. TOTAL 1746.00 STREET ZIP STATE_ CITY. 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 TOTAL done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL SALES TAX (If Any) TERMS AND CONDITIONS" listed on the reverse side. 5200.85 TOTAL CHARGES PRINTED NAME DISCOUNT IF PAID IN 30 DAYS Ne+ \$ 4160.68

SIGNATURE 'Y

GAR VOUIII

ED CEMENTING CO., LLC. 042469

Federal Tax I.D.# 20-5975804

RUSSELL, KANSAS 67665

SERVICE POINT:

Great Bend KS

20. 00

	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
DATE 4-19-12 Schaffer	6	245	23w_			COUNTY	STATE
LEASE Trust	WELL#		LOCATION Jet	more 5 south 14	East, JONTH	Hadge man	1.02
OLD OR NEW (C	ircle one)		ìn	ito			
CONTRACTOR	Maver	ick #	106	OWNER D	entsch oil		
TYPE OF JOB 5	urfac	e.		CEMENT			
UNE SIZE 10	11.1	TI)	CENTENT			

TIPE OF JUD DUT LAVE	
HOLE SIZE 12 4	T.D.
CASING SIZE 8 518	DEPTH 254 + 10 = 264
TUBING SIZE	DEPTH
DRILL PIPE 4 1/2	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	15 Fresh
PERFS.	

DISPLACEMENT Fresh water

EQUIPMENT

PUMP TRUCK # 398	CEMENTER <u>Shane K</u> HELPERJon P
BULK TRUCK	
# 341	DRIVER Joel M
BULK TRUCK	
#	DRIVER

REMARKS:

On Locatio	in held safety meeting, Rigup
Circulat	ed casing with rig mind.
Hooked	no, mixed 175'sx. Displaced
15.86 bb	15. Shut in
Cement	did circulates
Ric do:	wa
Leave	Location

COMMON 17.5 sx	@ 16.25	2.843.00
POZMIX	@	
GEL 35X	@ 21.25	63.75
CHLORIDE 6 5X	@ 58.20	349.00
ASC	@	
	@	
	@	. <u></u>
	@	
	@	
	@	
	@	. <u></u>
	@	
	@	2011 00
HANDLING 188	@ <u>2.10</u>	374.00
MILEAGE 8 × 30	2.35	564.00

SERVICE

DEPTH OF JOB <u>264</u> PUMP TRUCK CHARGE			1125	5:00
EXTRA FOOTAGE		@		
MILEAGE HVM	30	_@	7.00	210.00
MANIFOLD		@		
LVM	30	@	4.00	120.00
		@		

TOTAL 1455.00

PLUG & FLOAT EQUIPMENT

To Allied Cementing Co., LLC.

CHARGE TO: Deutsch OI

STREET

CITY____

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.

__ STATE __

ZIP_

Cecil 2. FARMER PRINTED NAME £. SIGNATURE Am

	@
	@
	@
	@
	@
	6 ×
	TOTAL
CALES TAY (IF A mu)	
SALES TAX (If Any)	, 75
TOTAL CHARGES S. 668	
TOTAL CHARGES 5.668 SOK 2010 1 401 DISCOUNT	IF PAID IN 30 DAYS
4.26	

	S SERVICES, LLC 054071
SSELL, KANSAS 67665	SERVICE POINT: <u>Medicine Lodge</u>
DATE 4-26-12 (2 245 23W	ALLED OUT ON LOCATION JOB START JOB FINISH 10100 PM 1:00 AM (0:35 7:24 COUNTY STATE
LEASE $Trust WELL # 1-6 LOCATION 5m; ScOLD OR NEW (Circle one) \frac{5}{5}$	of Jetmare Ks., 1/2 E Hodgeman KS
CONTRACTOR Mayerick 1to	OWNER Deutschoil
TYPE OF JOB Production HOLE SIZE 778 T.D. 4500 CASING SIZE 51/2 DEPTH 4853.48	CEMENT AMOUNT ORDERED 50 3X 60:40:4
TUBING SIZE DEPTH DRILL PIPE DEPTH TOOL DEPTH	150 sx class A AsC+5#Kolscal + F1-160
PRES. MAX 1700 MINIMUM MEAS. LINE SHOE JOINT 38.20 CEMENT LEFT IN CSG. 38.70	COMMON 30 @ /(2.25 487.50) POZMIX 20 @ 8.50 / 70.00 GEL 2 @ 2/.25 42.50
PERFS. DISPLACEMENT 716 2015 EQUIPMENT	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
PUMPTRUCK CEMENTER Ben Gilley David	12 Gal-Clapro @ 31.25 375.00 F.F.1-160 70#@ 17.20 1204.00 Kolseal 750#@ 89 667.50
# 971-302 HELPERDerrick G. BULK TRUCK #356-252 DRIVER Brett G	
BULK TRUCK # DRIVER	@ HANDLING
REMARKS:	TOTAL 8074.05
See Cement Log	SERVICE
	DEPTH OF JOB4500PUMP TRUCK CHARGE2.405°°EXTRA FOOTAGE@MILEAGE40 @ 7.00MANIFOLD \$ Head@AD0,00
CHARGE TO: Deutsch O, 1	Light Veh. 40 @ 4.00 160.00
STREET	TOTAL 3,045.00
CITYSTATEZIP	51/2 PLUG & FLOAT EQUIPMENT
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	1-AFU Flout Shoe @ 349,00 1-Latch Down Plug @ 277.00 2-Baskets @ 3370 (274,00 8-Centralizers @ 4900 372.00 1-Port Collar @ 2,600,00 20-5' Veld on Sciatchers/1800 2,360 00 TOTAL (2,652.00

SALES TAX (If Any) TOTAL CHARGES # 17, 771.05 IF PAID IN 30 DAYS

DISCOUNT

contractor. I have read and understand the "GENERAL

TERMS AND CONDITIONS" listed on the reverse side.

inn

PRINTED NAME

SIGNATURE _04

TOTAL 6,652