



KANSAS CORPORATION COMMISSION 1060208  
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 # 4787  
Name: TDI, Inc.  
Address 1: 1310 BISON RD  
Address 2: \_\_\_\_\_  
City: HAYS State: KS Zip: 67601 + 9696  
Contact Person: Tom Denning  
Phone: (785) 628-2593  
CONTRACTOR: License # 33350  
Name: Southwind Drilling, Inc.  
Wellsite Geologist: Herb Deines  
Purchaser: Coffeyville Resources

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: \_\_\_\_\_  
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 #: \_\_\_\_\_  
7/1/2011    7/8/2011    8/5/2011  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 15-051-26136-00-00  
Spot Description: \_\_\_\_\_  
N2 SW SW SE Sec. 9 Twp. 15 S. R. 18  East  West  
430 Feet from  North /  South Line of Section  
2310 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW  
County: Ellis  
Lease Name: Munsch Well #: 4  
Field Name: Schoenchen  
Producing Formation: Arbuckle  
Elevation: Ground: 2027 Kelly Bushing: 2037  
Total Depth: 3768 Plug Back Total Depth: 3725  
Amount of Surface Pipe Set and Cemented at: 223 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: 1206 Feet  
If Alternate II completion, cement circulated from: 0  
feet depth to: 1206 w/ 120 sx cmt.

Drilling Fluid Management Plan  
(Data must be collected from the Reserve Pit)  
Chloride content: 52000 ppm Fluid volume: 1000 bbls  
Dewatering method used: Evaporated  
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: 01/10/2012

Confidential Release Date: \_\_\_\_\_

Wireline Log Received

Geologist Report Received

UIC Distribution

ALT  I  II  III Approved by: Deanne Garcia Date: 01/13/2012



1060208

Operator Name: TDI, Inc. Lease Name: Munsch Well #: 4  
 Sec. 9 Twp. 15 S. R. 18  East  West County: Ellis

**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	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydrite	1196	+841
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Topeka	2986	-949
Electric Log Submitted Electronically <i>(If no, Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Heebner	3262	-1225
List All E. Logs Run:		Lansing/KC	3309	-1272
<small>Microresistivity Dual Compensated Porosity Dual Induction</small>		Base KC	3534	-1497
		Arbuckle	3606	-1569'

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	12.25	8.625	20	223	Common	150	3% gel 5% cc
production	7.875	5.5	14	3768	EA-2	150	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input checked="" type="checkbox"/> Plug Off Zone	0-1206	SMD	120	(DV tool)
	3638-3642	STD	75	(Squeeze lower Arbuckle)

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	3638-3842	75 sxs cement	3638-42
4	3610-3613	none	

TUBING RECORD:	Size: <u>2.875</u>	Set At: <u>3652</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR. <u>8/09/2011</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
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Estimated Production Per 24 Hours	Oil Bbls. <u>10</u>	Gas Mcf	Water Bbls. <u>40</u>	Gas-Oil Ratio	Gravity <u>30</u>
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DISPOSITION OF GAS: <input checked="" 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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i>	PRODUCTION INTERVAL: <u>Arbuckle</u>
	<input type="checkbox"/> Other <i>(Specify)</i> _____	

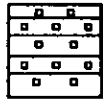


\* Structural Position to:

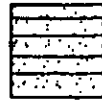
### LEGEND



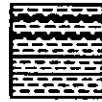
Anhydrite



Salt



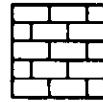
Sandstone



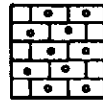
Shale



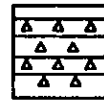
Carb sh



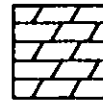
Limestone



Ool. Lime



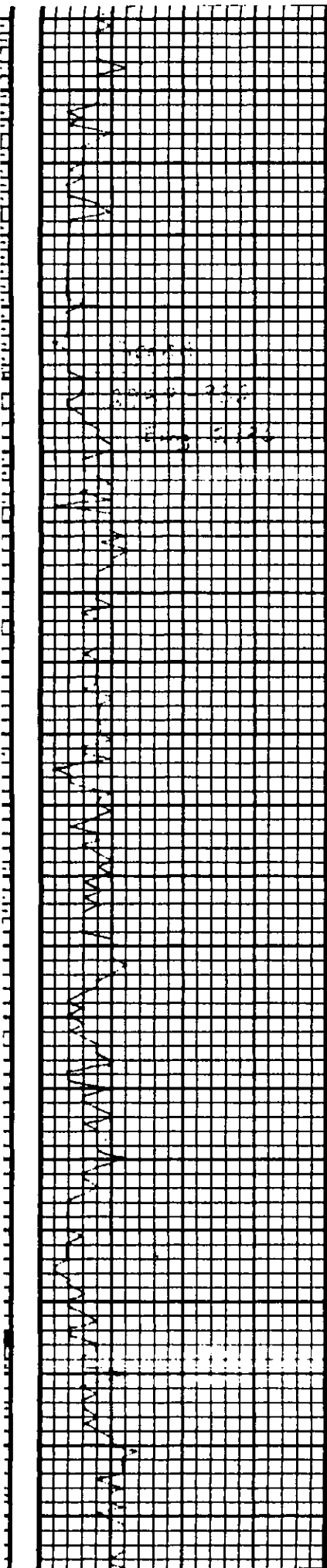
Chert



Dolomite

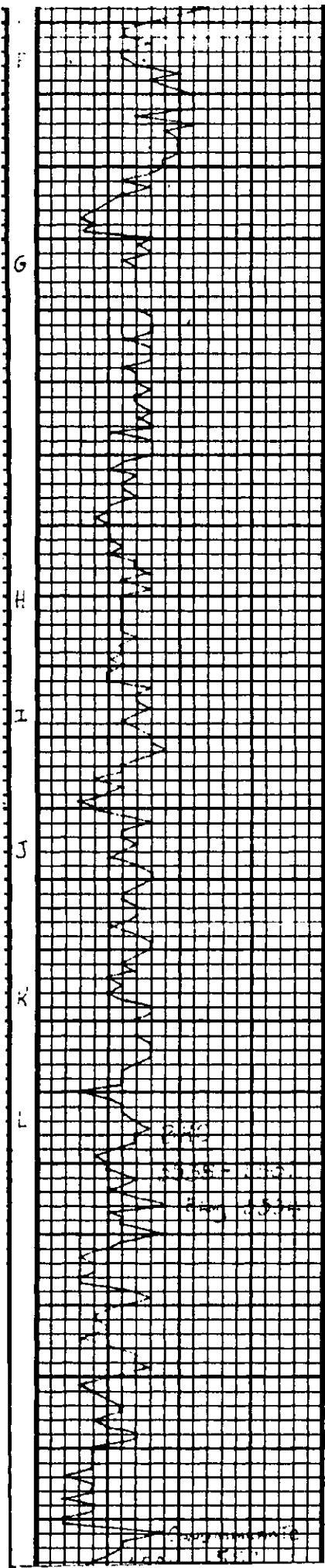
SCALE " = 100'

	Drilling time in minutes	DEPTH	Sample Description	Remarks, drill stem tests, etc.
		0		
		10		
		20		
		30		
		40		
		50		
		60		
		70		
		80		
		90		
		100		
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		300		
		310		
		320		
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		340		
		350		
		360		
		370		
		380		
		390		
		400		
		410		
		420		
		430		
		440		
		450		
		460		
		470		
		480		
		490		
		500		



100	1000	10000
101	1010	10100
102	1020	10200
103	1030	10300
104	1040	10400
105	1050	10500
106	1060	10600
107	1070	10700
108	1080	10800
109	1090	10900
110	1100	11000
111	1110	11100
112	1120	11200
113	1130	11300
114	1140	11400
115	1150	11500
116	1160	11600
117	1170	11700
118	1180	11800
119	1190	11900
120	1200	12000
121	1210	12100
122	1220	12200
123	1230	12300
124	1240	12400
125	1250	12500
126	1260	12600
127	1270	12700
128	1280	12800
129	1290	12900
130	1300	13000
131	1310	13100
132	1320	13200
133	1330	13300
134	1340	13400
135	1350	13500
136	1360	13600
137	1370	13700
138	1380	13800
139	1390	13900
140	1400	14000
141	1410	14100
142	1420	14200
143	1430	14300
144	1440	14400
145	1450	14500
146	1460	14600
147	1470	14700
148	1480	14800
149	1490	14900
150	1500	15000
151	1510	15100
152	1520	15200
153	1530	15300
154	1540	15400
155	1550	15500
156	1560	15600
157	1570	15700
158	1580	15800
159	1590	15900
160	1600	16000
161	1610	16100
162	1620	16200
163	1630	16300
164	1640	16400
165	1650	16500
166	1660	16600
167	1670	16700
168	1680	16800
169	1690	16900
170	1700	17000
171	1710	17100
172	1720	17200
173	1730	17300
174	1740	17400
175	1750	17500
176	1760	17600
177	1770	17700
178	1780	17800
179	1790	17900
180	1800	18000
181	1810	18100
182	1820	18200
183	1830	18300
184	1840	18400
185	1850	18500
186	1860	18600
187	1870	18700
188	1880	18800
189	1890	18900
190	1900	19000
191	1910	19100
192	1920	19200
193	1930	19300
194	1940	19400
195	1950	19500
196	1960	19600
197	1970	19700
198	1980	19800
199	1990	19900
200	2000	20000





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# QUALITY OILWELL CEMENTING, INC.

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

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

No. 4864

Date	Sec.	Twp.	Range	County	State	On Location	Finish
7.1.11	9	15	18	Ellis	KS		7:00 p.m.

Lease Munsch Well No. 4 Location Halsman LN Law State

Contractor Southwind #1 Owner \_\_\_\_\_

Type Job Surface To Quality Oilwell Cementing, Inc.

Hole Size 12 1/4 T.D. 226 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Csg. 8 5/8 Depth 223 Charge To T.D.J.

Tbg. Size \_\_\_\_\_ Depth \_\_\_\_\_ Street \_\_\_\_\_

Tool \_\_\_\_\_ Depth \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_

Cement Left in Csg. 15' Shoe Joint \_\_\_\_\_ The above was done to satisfaction and supervision of owner agent or contractor.

Meas Line \_\_\_\_\_ Displace 13'4 3/4 Cement Amount Ordered 150 com 3rd 20/60

**EQUIPMENT**

Pumptrk	No.	Cement Helper	_____	Common	<u>150</u>
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Bulktrk	<u>5</u>	No.	Driver	_____	Poz. Mix
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Bulktrk	<u>14</u>	No.	Driver	_____	Gel.
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**JOB SERVICES & REMARKS**

Remarks: \_\_\_\_\_ Calcium 5

Rat Hole \_\_\_\_\_ Halls \_\_\_\_\_

Mouse Hole \_\_\_\_\_ Salt \_\_\_\_\_

Centralizers \_\_\_\_\_ Flowseal \_\_\_\_\_

Baskets \_\_\_\_\_ Kol-Seal \_\_\_\_\_

D/V or Port Collar \_\_\_\_\_ Mud CLR 48 \_\_\_\_\_

8 5/8 on bottom. Est. Circulation. Sand \_\_\_\_\_

M.V. 150 SK x 23/64. Handling 158

Cement Circulation: Mileage \_\_\_\_\_

**FLOAT EQUIPMENT**

Guide Shoe \_\_\_\_\_

Centralizer \_\_\_\_\_

Baskets \_\_\_\_\_

AFU Inserts \_\_\_\_\_

Float Shoe 8 5/8 Surface

Latch Down \_\_\_\_\_

Pumptrk Charge Surface

Mileage 9

Signature \_\_\_\_\_ Tax \_\_\_\_\_

Signature Frank Rene Discount \_\_\_\_\_

Signature \_\_\_\_\_ Total Charge \_\_\_\_\_

JOB LOG

SWIFT Services, Inc.

DATE 07-27-11 PAGE NO. 1

CUSTOMER T.O. I WELL NO. 4 LEASE MUNSE # JOB TYPE 2 STAGE TICKET NO. 20016

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL/GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1430							ORIENTATION CMT: Bottom 150 EA-2 Top 165 SMD RTD 3770, Setp. p. 3772, SS 43.50. TWD 3726 5 1/4" DIV. D. TO 61, 1208m CMT 2468.10, 11.4, 63.76 BASAT 4.15, 61.77
	1515							START CSH & FE
	1615							TAL 2072.0 - JAP 3000
	1655							BREAK CIRC - REVERSE PPE
	1725	5.0	12			200		MUD FLUSH 500 GAL
		5	20			5		MUD FLUSH
			365					150.50 EA-2
								DROPPED PLUG. WASHOUT PL
	1740	6.0	0			200		START DIV 7 HD
			6.61			300		" " 7 MUD
			76			500		" " 7 MUD FLUSH
			85			600		
	1755		90.9			700		LAND PLUG. REVERSE DRY
								DROP DIV. OPENING DRY
	1800		7.5					PLUG RH 30. MH 15
	1814					1000		OPEN DIV. GEN CIRC.
	1815	5.0	0			200		START SMD
		5	69			5		END
								DROP DIV CLOSING PLUG
	1825	6.0	0			200		START DIV
			10.0			5		
			23.0			350		CIRC. CMT TO PIT! 2050
	1830		27.6			1500		LAND & CLOSE DIV. 2050
								RELEASE DRY
	1915							JOB COMPLETE THANK YOU! DANE, JAMES B. JOE

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

July 26, 2011

TDI, Inc.  
1310 BISON RD  
HAYS, KS 67601-9696

Re: ACO1  
API 15-051-26136-00-00  
Munsch 4  
SE/4 Sec.09-15S-18W  
Ellis 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,  
Tom Denning

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

January 10, 2012

Tom Denning  
TDI, Inc.  
1310 BISON RD  
HAYS, KS 67601-9696

Re: ACO-1  
API 15-051-26136-00-00  
Munsch 4  
SE/4 Sec.09-15S-18W  
Ellis County, Kansas

Dear Tom Denning:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 7/1/2011 and the ACO-1 was received on January 10, 2012 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department