



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 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 #: _____
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: Deanna Gerrits 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 (Attach Additional Sheets)	<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 (If no, Submit Copy)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Heebner	3262	-1225
List All E. Logs Run:		Lansing/KC	3309	-1272
Microresistivity		Base KC	3534	-1497
Dual Compensated Porosity		Arbuckle	3606	-1569'
Dual Induction				

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	0-1206	SMD	120	(DV tool)
<input type="checkbox"/> Plug Back TD				
<input checked="" type="checkbox"/> Plug Off Zone	3638-3642	STD	75	(Squeeze lower Arbuckle)

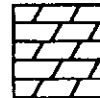
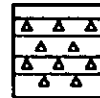
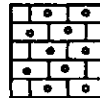
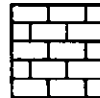
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	3638-3842	75 sxs cement	3638-42
4	3610-3613	none	

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
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 (Explain) _____			
Estimated Production Per 24 Hours	Oil Bbls. <u>10</u>	Gas Mcf	Water Bbls. <u>40</u>	Gas-Oil Ratio <u>30</u>

DISPOSITION OF GAS: <input checked="" type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. (Submit ACO-5) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>Arbuckle</u>
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* Structural Position to:

LEGEND



Anhydrite

Salt

Sandstone

Shale

Carb sh

Limestone

Ool. Lime

Chert

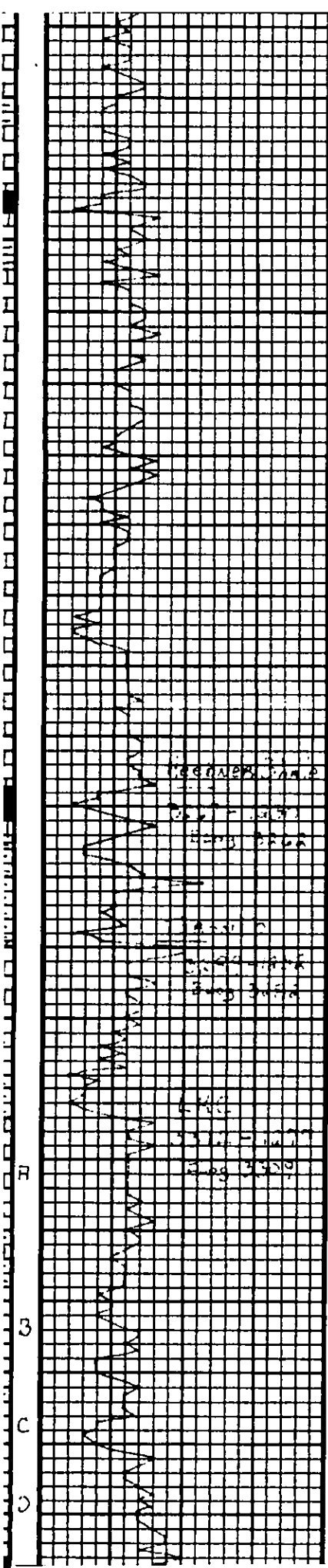
Dolomite

SCALE " = 100'

Drilling time in minutes	DEPTH	Sample Description	Remarks, drill stem tests, etc.
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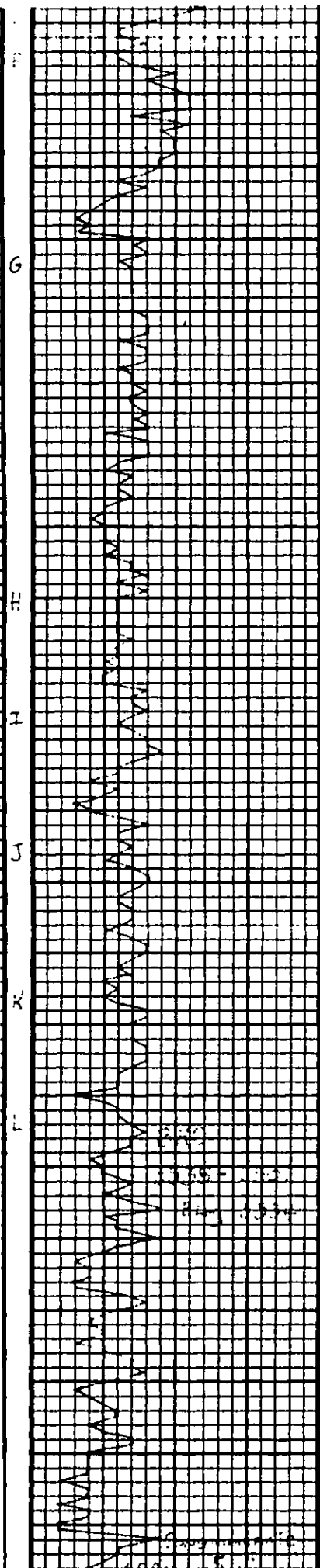
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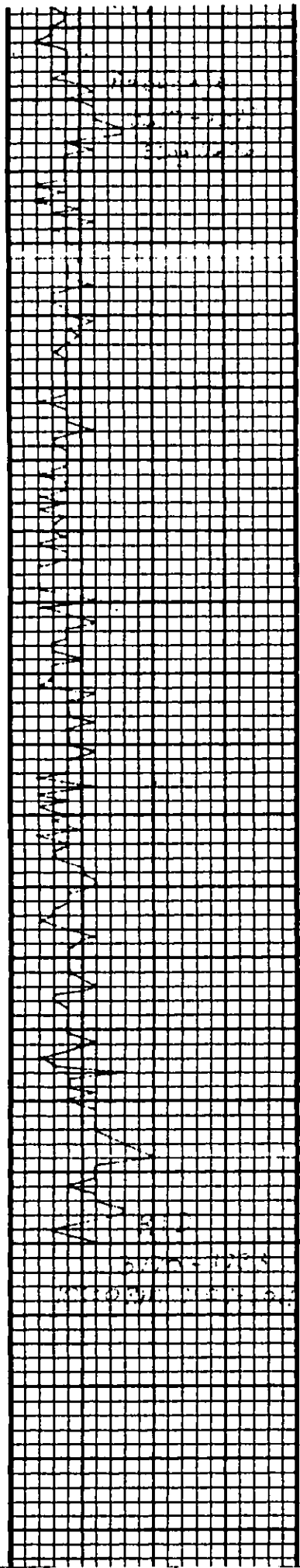


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Area under curve
= 1/2 * (2.5 + 7.5) * 100
= 1/2 * 10 * 100
= 500

Area under curve = 500

QUALITY OILWELL CEMENTING, INC.

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

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

No. 4864

Date <u>7.1.11</u>	Sec. <u>9</u>	Twp. <u>15</u>	Range <u>18</u>	County <u>Ellis</u>	State <u>KS</u>	On Location	Finish <u>7:00 p.m.</u>
Lease <u>Munsch</u>		Well No. <u>4</u>		Location <u>Horseshoe Ln Law Office</u>			
Contractor <u>Southwind #1</u>				Owner			
Type Job <u>Surface</u>				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.			
Hole Size <u>12 1/4</u>		T.D. <u>226</u>		Charge To <u>T.D.J.</u>			
Csg. <u>8 5/8</u>		Depth <u>223</u>		Street			
Tbg. Size		Depth		City			
Tool		Depth		State			
Cement Left in Csg. <u>15'</u>		Shoe Joint		The above was done to satisfaction and supervision of owner agent or contractor.			
Meas Line		Displace <u>13'4.6L</u>		Cement Amount Ordered <u>150 com 3 1/2 x 2 1/2 x 1</u>			

EQUIPMENT

Pumptrk	No.	Cementer <u>Chris</u>	Helper	Common <u>150</u>
Bulktrk	No.	Driver <u>Corey</u>	Driver	Poz. Mix
Bulktrk	No.	Driver <u>Mark</u>	Driver	Gel. <u>3</u>

JOB SERVICES & REMARKS

Remarks:	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
<u>8 5/8 on bottom. Est. Circulation.</u>	Sand
<u>Mix 150 com x 12 1/2 lbs.</u>	Handling <u>158</u>
<u>Cement Circulation:</u>	Mileage

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe <u>8 5/8 Sump</u>	
Latch Down	

Thanks

X Signature Frank Rene

Pumptrk Charge Surface
Mileage 9

Tax	
Discount	
Total Charge	

JOB LOG

SWIFT Services, Inc.

DATE 07-27-11 PAGE NO. 7

CUSTOMER T.O. I WELL NO. 4 LEASE MUNKIA JOB TYPE 2 START TICKET NO. 20216

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL/GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1430							DIAGNOSTIC CMT; Bottom 150 EA-2 Top 165 SMD RTD 3770, SET P.P. 3772, 55 43.50 TUBING 3716 5 1/4" DIV. 2.17 61, 120 RT CMT 246.8, 10, 11.4, 63, 76 BASOT 4.15, 61, 77
	1515							START C.S. B.P.E.
	1615							TALKING - JUDY BARK
	1655							BREAK CIRC - ROYAL PIPE
	1725	5.0	12	-		100		MUD FLUSH SOURCE
		5	20	-		5		MUD FLUSH
			365	-				150.50 EA-2
								DROPPED PLUG, WASHOUT PL
	1740	6.0	0	-		200		START DIV 7/11
			61	-		300		" " 7/11
			76	-		500		" " 7/11
			85	-		600		
	1755		90.9	-		700		LAND PLUG, RELEASE DRY
								DROP DIV. OPENING START
	1800		7.5					PLUG RH 30, MH 15
	1814			✓		1000		OPEN DIV., GOOD 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! 2056
	1830		25.6	-		1500		LAND & CLOSE DIV. 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. 207B
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