

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 4787
Name: TDI, Inc
Address: 1310 Bison Road
City/State/Zip: Hays, Kansas 67601
Purchaser: none
Operator Contact Person: Tom Denning
Phone: (785) 628-2593
Contractor: Name: Discovery Drilling Co., Inc.
License: 31548
Wellsite Geologist: Herb Deines
Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, 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./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____
9/25/08 9/29/08 9/30/08
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 167-23537-00-00
County: Russell
NW NW SE NE Sec. 31 Twp. 14 S. R. 15 East West
1580 feet from S / (N) (circle one) Line of Section
1055 feet from (E) W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) (NE) SE NW SW
Lease Name: Wahl Well #: 1
Field Name: Wildcat
Producing Formation: none
Elevation: Ground: 1908' Kelly Bushing: 1916'
Total Depth: 3460' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 221' 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 P+A A1 I NR
(Data must be collected from the Reserve Pit) 1-5-09
Chloride content 16,000 ppm Fluid volume 240 bbls
Dewatering method used Evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

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.

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: President Date: _____
Subscribed and sworn to before me this _____ day of October
20 08
Notary Public: [Signature]

HOWARD R. SLOAN
Notary Public - State of Kansas
My Appt. Expires 8/29/12

KCC Office Use ONLY
 Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received **RECEIVED**
 Geologist Report Received **KANSAS CORPORATION COMMISSION**

UIC Distribution **NOV 03 2008**

CONSERVATION DIVISION
WICHITA, KS

Operator Name: TDI, Inc Lease Name: Wahl Well #: 1
 Sec. 31 Twp. 14 S. R. 15 East West County: Russell

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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input checked="" 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	Anhydrite Top	981'	+935'
Electric Log Run <i>(Submit Copy)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydrite Base	1023'	+893'
List All E. Logs Run:		Topeka	2877'	-961'
none		Heebner	3096'	-1180'
		Toronto	3119'	-1203'
		Lansing/ KC	3149'	-1233'
		Base KC	3374'	-1458'
		Arbuckle	3423'	-1507'

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 Pipe	12 1/4"	8 5/8"	23#	221'	common	150sx	2%gel & 3%cc

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 (Amount and Kind of Material Used)	Depth

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CONSERVATION DIVISION
WICHITA, KS

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.	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	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify)	



**Discovery
Drilling**

P.O. Box 763 • Hays, KS 67601 • OFFICE (785) 623-2920 • CELLULAR (785) 635-1511

DRILLER'S LOG

Operator: **TDI, Inc. LIC# 4787**
1310 Bison Road
Hays, KS 67601

Contractor: **Discovery Drilling Co., Inc. LIC#31548**
PO Box 763
Hays, KS 67601

Lease: **Wahl #1**

Location: **70°N & 65°W of NW / SE / NE**
Sec. 31 / 14S / 15W
Russell Co., KS

Loggers Total Depth: **No Log**
Rotary Total Depth: **3460'**
Commenced: **9/25/2008**
Casing: **8 5/8" @ 221.38' w / 150 sks**

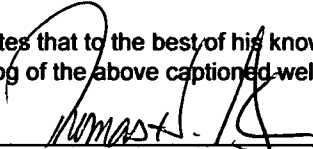
API#15- **167-23, 537-00-00**
Elevation: **1912' GL / 1920' KB**
Completed: **9/30/2008**
Status: **D & A**

DEPTHS & FORMATIONS
(All from KB)

Surface, Sand & Shale	0'	Shale	1023'
Dakota Sand	384'	Shale & Lime	1704'
Shale	427'	Shale	2113'
Cedar Hill Sand	487'	Shale & Lime	2487'
Red Bed Shale	612'	Lime & Shale	3244'
Anhydrite	981'	RTD	3460'
Base Anhydrite	1023'		

STATE OF KANSAS)
) ss
COUNTY OF ELLIS)

Thomas H. Alm of Discovery Drilling states that to the best of his knowledge the above and foregoing is a true and correct log of the above captioned well.

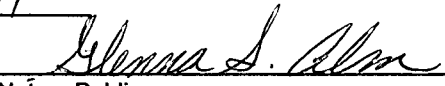


Thomas H. Alm

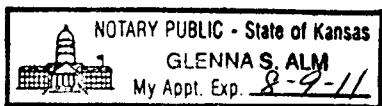
Subscribed and sworn to before me on 10-3-08

My Commission expires: 8-9-11

(Place stamp or seal below)



Notary Public



RECEIVED
KANSAS CORPORATION COMMISSION

NOV 03 2008

CONSERVATION DIVISION
WICHITA KS

ALLIED CEMENTING CO., LLC. 042854

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

SERVICE POINT:
Russell KS

DATE <u>9-30-08</u>	SEC. <u>31</u>	TWP. <u>14s</u>	RANGE <u>15w</u>	CALLED OUT	ON LOCATION	JOB START <u>5:30am</u>	JOB FINISH <u>6:15am</u>
LEASE #1	WELL #1	LOCATION <u>Gorham KS & I-70 S South</u>			COUNTY <u>Russell</u>	STATE <u>KS</u>	
<input checked="" type="radio"/> OLD <input type="radio"/> NEW (Circle one)			West into.				

CONTRACTOR Discovery Drilling Rig #2

TYPE OF JOB Rotary Plug

HOLE SIZE 7 7/8 T.D. 3460'

CASING SIZE _____ DEPTH _____

TUBING SIZE 4 1/2 xH DEPTH 3400'

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

OWNER _____

CEMENT AMOUNT ORDERED 185
~~200~~ 6440 4% Gel 4 1/2 #Flt

EQUIPMENT

PUMP TRUCK CEMENTER John Roberts

409 HELPER Shane

BULK TRUCK DRIVER Mike

473

BULK TRUCK DRIVER _____

COMMON	<u>111</u>	@	<u>13.50</u>	<u>1498.50</u>
POZMIX	<u>24</u>	@	<u>2.55</u>	<u>558.70</u>
GEL	<u>6</u>	@	<u>20.25</u>	<u>121.50</u>
CHLORIDE		@		
ASC		@		
<u>Fl Seal</u>	<u>46</u>	@	<u>2.45</u>	<u>112.70</u>
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>191</u>	@	<u>2.25</u>	<u>429.75</u>
MILEAGE	<u>10/sk/mile</u>			<u>300.00</u>
TOTAL				<u>3,021.15</u>

REMARKS:

- 25sk @ 3400'
- 25sk @ 1000'
- 40sk @ 500'
- 40sk @ 250'
- 10sk @ 40'
- 30sk Rathole
- 15sk Mousehole

SERVICE

DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>990.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>15</u>	@	<u>7.50</u>	<u>112.50</u>
MANIFOLD		@		
		@		
		@		
TOTAL				<u>1,102.50</u>

CHARGE TO: TDI

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

	@		
	@		
<u>Dry Hole Plug</u>	@		<u>39.00</u>
	@		
	@		
TOTAL			<u>39.00</u>

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 Justin Patterson

SIGNATURE [Signature]

SALES TAX RECEIVED
KANSAS CORPORATION COMMISSION
TOTAL CHARGES _____
DISCOUNT NOV 03 2008 IF PAID IN 30 DAYS

CONSERVATION DIVISION
WICHITA, KS

ALLIED CEMENTING CO., LLC. 35009

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

SERVICE POINT:
Russell

DATE <u>9.28.08</u>	SEC. <u>31</u>	TWP. <u>14</u>	RANGE <u>15</u>	CALLED OUT	ON LOCATION	JOB START <u>9:30 a.m.</u>	JOB FINISH <u>10:00 AM</u>
LEASE <u>Wahl</u>		WELL # <u>1</u>		LOCATION <u>Coorham S across River</u>		COUNTY <u>Russell</u>	STATE <u>KS</u>
OLD OR NEW (Circle one) <u>W into</u>							

CONTRACTOR D. Scovery #2

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 220

CASING SIZE 8 9/8 23# DEPTH 220

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15'

PERFS. _____

DISPLACEMENT 13 BC

EQUIPMENT

PUMP TRUCK CEMENTER Craig

417 HELPER Matt

BULK TRUCK

345 DRIVER Male

BULK TRUCK

_____ DRIVER _____

OWNER _____

CEMENT AMOUNT ORDERED 150 Com 39% CC
290 GEL

COMMON <u>150</u>	@ <u>13.50</u>	<u>2025.00</u>
POZMIX _____	@ _____	_____
GEL <u>3</u>	@ <u>20.25</u>	<u>60.75</u>
CHLORIDE <u>5</u>	@ <u>51.50</u>	<u>257.50</u>
ASC _____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
HANDLING <u>150</u>	@ <u>2.00</u>	<u>300.00</u>
MILEAGE <u>5K/mi</u> <u>10</u> (mi)	@ _____	<u>300.00</u>
TOTAL		<u>2998.75</u>

REMARKS:
Cement Circulated!

THANKS!

CHARGE TO: T.D.I. INC

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE 997.00

EXTRA FOOTAGE @ _____

MILEAGE 15 @ 7.50 112.50

MANIFOLD @ _____

_____ @ _____

_____ @ _____

TOTAL 1103.50

PLUG & FLOAT EQUIPMENT

H82 wood @ 66.00

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL 66.00

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 Thomas ALM

SIGNATURE Thomas ALM

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT RECEIVED
KANSAS CORPORATION COMMISSION IF PAID IN 30 DAYS

NOV 03 2008

CONSERVATION DIVISION
TOPEKA, KS