





## **WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Operator: License #5135	API No. 15 - 167-23,584-00-00
JOHN O. FARMER, INC.	County: Russell
Address: P.O. Box 352	<u>SW_NW_NE_Sec35twp.12sR.15W</u> East \( \bigsize{\text{N}} \) West
City/State/Zip: Russell, KS 67665 SEP 15 2009	feet from ● /(N) (circle one) Line of Section
Purchaser:	= 2310 feet from (E) (circle one) Line of Section
Operator Contact Person: Marge Schulte KCC WICHITA	Footages Calculated from Nearest Outside Section Corner:
Phone: (785) 483-3144	(circle one) (NE) SE NW SW
Contractor: Name: Discovery Drilling Co., Inc.	Lease Name: SV Well #: 1
icense: 31548	Field Name: Wildcat
Wellsite Geologist: Brad Hutchison	Producing Formation: None
Designate Type of Completion:	Elevation: Ground: 1793' Kelly Bushing: 1801'
X New Well Re-Entry Workover	Total Depth: 3310' Plug Back Total Depth:
OilSWDSIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 429 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
X Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet ``
f Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	feet depth tosx cmt.
Well Name:	(30sks In Rat Hole)(15sks In Mouse Hole)
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)  P+A  AH  L  NCR  9-29-0
Deepening Re-perf Conv. to Enhr./SWD	Chloride content 14,000 ppm Fluid volume 240 bbls
Plug Back Total Depth	Dewatering method used Evaporation
Commingled Docket No	
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name:
7/20/09 7/25/09 7/26/09	Lease Name: License No.:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West
Recompletion Date Recompletion Date	County: Docket No.:
INSTRUCTIONS: An original and two copies of this form shall be filed with Kansas 67202, within 120 days of the spud date, recompletion, workove Information of side two of this form will be held confidential for a period of 12 107 for confidentiality in excess of 12 months). One copy of all wireline logs a TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells.	r or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply.  2 months if requested in writing and submitted with the form (see rule 82-3- and geologist well report shall be attached with this form. ALL CEMENTING
	te the oil and gas industry have been fully complied with and the statements
nerein are complete and correct to the best of my knowledge.	
Signature: John, James 10	KCC Office Use ONLY
itle: /Vice-President IV Date: 9-14-09	Letter of Confidentiality Received
$oldsymbol{V}$	/ If Denied, Yes Date:
Subscribed and sworn to before me this <u>14th</u> day of <u>September</u>	Wireline Log Received
0.09 M La $0.04$	Geologist Report Received
Notary Public: Margaret W. Jehntle	UiC Distribution
Date Commission Expires:	
MANSARET A SCHULL  1 MANSARET	

Operator Name: JO	HN O. FARM	ER, INC.		Lease N	lame:	S V		Well #:	_1	
Sec. 35 Twp. 12	_s. R. <u>15W</u>	☐ East 🛚	West	County:		Russell				
INSTRUCTIONS: Show tested, time tool open at temperature, fluid recove Electric Wireline Logs su	nd closed, flowing ery, and flow rates	and shut-in pairing gas to surfa	ressures, w ace test, alc	hether shu ong with fin	t-in pres	sure reached	static level, hydro	ostatic pressur	res, bottom	hole
Drill Stem Tests Taken (Attach Additional She	eets)	X Yes	□ No		∐Lo	g Formatio	on (Top), Depth a	and Datum	∐ Sa	mple
Samples Sent to Geolog		Name	ı		Тор	Da	itum ,			
Cores Taken Electric Log Run (Submit Copy)			TOPS ARE	LISTED O	N GEOLOG	ICAL RE	PORT			
List All E. Logs Run: Micro Resistiv Shallow Focuse Photo Density Resistivity Lo	ed Electric Compensate	Log, Co	mpact							
		Papart all s	CASING R		Nev	w Used rmediate, product	ion etc			
Purpose of String	Size Hole Drilled	Size Ca: Set (In C	sing	Weigh Lbs./f	nt	Setting Depth	Type of Cement	# Sacks Used		d Percent litives
Surface Pipe	12남"	8 5/		23#	‡	429 •	Common	225	2%Ge18	3%CC
Purpose:  ——Perforate  ——Protect Casing ——Plug Back TD ——Plug Off Zone	Depth Top Bottom	AD Type of Co		CEMENTING #Sacks U		EEZE RECORD		Percent Additive	s	
Shots Per Foot		ON RECORD - Footage of Each		• • •			cture, Shot, Cemer nount and Kind of M	ment Squeeze Record of Material Used) De		
			·	······································						·········
				<del></del>						
TUBING RECORD	Size	Set At		Packer At		Liner Run	Yes N	o		
Date of First, Resumerd P	roduction, SWD or E	nhr. Pro	oducing Meth		Flowing	Pumpi	ng [] Gas L	ift [] Ott	h ər (Explain)	
Estimated Production Per 24 Hours	Oil	Bbls.	Gas I	Mcf	Wate	r B	bls.	Gas-Oil Ratio		Gravity
Disposition of Gas	METHOD OF C	OMPLETION				Production Inter	val			
Vented Sold	Used on Lease		Open Hole	Perf.	D	ually Comp.	Commingled			



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

#### **DISCOVERY DRILLING CO., INC.**

#### **DRILLER'S LOG**

Operator:	John C	. Farmei	r. Inc.	LIC# 5135
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PO Box 352

Russell, KS 67665

Lease: S V #1

Contractor: Discovery Drilling Co., Inc. LIC#31548

PO Box 763

Hays, KS 67601 5/2 of

Location: SW / NW / NE

Sec. 35 / 12S / 15W Russell Co., KS

Loggers Total Depth: 3310' Rotary Total Depth: 3310'

Commenced: 7/20/2009

Casing: 8 5/8" @ 429' w / 225 sks

API#15- 167-23, 584-00-00 Elevation: 1793' GL / 1801' KB

Completed: 7/26/2009 Status: D & A

#### **DEPTHS & FORMATIONS** (All from KB)

Surface, Sand & Shale		0'	Shale	907'
Dakota Sand		174'	Shale & Lime	1530'
Shale		320'	Shale	1937'
Cedar Hill Sand		350'	Shale & Lime	2332'
Red Bed Shale		512'	Lime & Shale	2930'
Anhydrite		868'	RTD	3310'
Base Anhydrite		907'		
STATE OF KANSAS	)			
COUNTY OF ELLIS	) ss )			

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 captions well.

Thomas H. Alm

Subscribed and sworn to before me on

**GLENNAS** My Appt. Exp.

My Commission expires:

(Place stamp or seal below)

**Notary Public** 

NOTARY PUBLIC - State of Kansas

RECEIVED
SEP 15 2009
KCC WICHITA

# ALLED CEMENTING COLLC. 038525

REMIT TO P.O. B RUSS		NSAS 676	65			SER'	VICE POINT:	c//
DATE 7-21-09	SEC.	TWP.	RANGE		ALLED OUT	ON LOCATION	JOB START	JOB FINISH
<u> </u>				0/		<b></b>	COUNTY	STATE
LEASE	WELL#		LOCATION	Crurha	on + Huy	40 /F	<u> </u>	185
OLD OR NEW Ci	rcle one)	,	6N	2/2 E	1/2 5	into	j	
CONTRACTOR			Miny Rist	2	OWNER	·		<del></del>
TYPE OF JOB SHOLE SIZE /2			. 430		CEMENT			
CASING SIZE			PTH 429.	7/		DERED 22	- 6	25/
TUBING SIZE			PTH			·/		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
DRILL PIPE			PTH				······································	
TOOL			PTH					
PRES. MAX		MII	NIMUM				@	
MEAS. LINE			DE JOINT		POZMIX.			
CEMENT LEFT IN	CSG. /	5" / -	•	•.	GEL:		@	
PERFS.			· · · · · · · · · · · · · · · · · · ·		CHLORIDE_		_@	
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To Allied Cementi	ng Co - I	ıc	//*		8 5/ W	road Alice		· · · · · · · · · · · · · · · · · · ·
You are hereby rec	nuested to	rent cem	entino equin	ment .			@	
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contractor to do we	ork as is	listed Th	e ahove worl	kwas		•	<del></del>	
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contractor. I have							· Oint	
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## ALLED CEMENTING COLLC. 037589

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665				SERVICE POINT: Russell KS					
·				<u> </u>		•			
DATE 7-26-09	SEC.	TWP.	RANGE 15	CALLED OUT	ON LOCATION	JOB START	JOB FINISH		
LEASE SV	WELL#	1	LOCATION Gorhan	VS North	Land Hambalan	COUNTY	STATE		
OLD OR NEW (Ci							1.755	· ·	
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CONTRACTOR	Discove	ru Da	lling #2	OWNER	•				
TYPE OF JOB R	tary P	lua		_					
HOLE SIZE 7	1/8	T.I	). 3310	CEMENT	,				
CASING SIZE			EPTH	AMOUNT OF	RDERED <u>195</u>	940 47. Ge	1. 1/4 # Flo	<u> </u>	
TUBING SIZE			PTH		· · · · · · · · · · · · · · · · · · ·			<u>.</u>	
DRILL PIPE 4	2 XH	DE	PTH 3200'	_ <u> </u>	·				
TOOL		DE	PTH	_				1 1	
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MEAS. LINE			OE JOINT	POZMIX		@			
CEMENT LEFT IN	VCSG.	. , .		_ GEL	. •	_@	·		
PERFS.				CHLORIDE		_@		<u> </u>	
DISPLACEMENT					·	@			
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	HELPER	Matt				@			
BULK TRUCK	DD1117D	Δ.	*			@			
	DRIVER	Glenn		_	•	@			
BULK TRUCK						@		<del></del>	
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To Allied Cement	-					_@ @			
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TERMS AND CO	ONDITIO	NS" liste	d on the reverse side.	SALES TAX (	(If Any)				
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PRINTED NAME_	Just	· Ta+1	-15/14				D IN 30 DA		
								1.0	



FINAL DISP. PRESS: .

### **CEMENTING LOG**

STAGE NO.

THANK YOU

	Cementing &	Acidizing Services		nen in en		EMENT DATA	<b>A</b> :			
Date 7.26-	O 1 Distric	ct4/	Tic	cket No. <u>0375</u>	89s	Spacer Type: .				
Company Joh				Discovery		• • • • • • • • • • • • • • • • • • • •	Sks Yield-	ft <sup>3</sup> /	sk Density	PP(
Lease SV				eli No. <u>/</u>			(CYON	777		
County Russe	-11			ate KS						
Location Grant	nam KS N	lerth 6 on			+	EAD: Pump T	lime	hrs.	Type GEAGE	18 Get 44 70
	North 18		h East 10						_ Excess	
CASING DATA:	PT	A.⊠ Squ	ieeze 🗆		į.	Amt. 195	Sks Yield	1,42 ft		13.79 PPC
Surface	Intermediat		ction 🗆	Ļ	· • •		me			·
Size	Туре	Wei	ght	Collar	<u> </u>				Excess	
		ر يو مودو		1.5		Amt	Sks Yield	ft	3/sk Density	PPG
					<u> 1945 - 1</u>	NATER: Lead .	<i>Lo.90</i> gal	s/sk Tail	gals/sk Total	32-03 Bbls
Casing Depths: T	αο		_ Bottom		P	ump Trucks U	Jsed 417 - M	a# # 1		
		in the same of			В	Bulk Equip	410-61	cho		
i ka Majari.									1 \$ 20 m \$ 2 m 1 m 1 22	
Drill Pipe: Size	41/2 XH	Weight	16,60	Collars	_			<u> </u>		
Open Hole: Size	~ ~ ~	T.D. <u>3</u>	310 ft. P	B. to	ft. F	loat Equip: Ma	anufacturer			
CAPACITY FACT	ORS:				, 10 ° 10 ° 10 ° 10 ° 10 ° 10 ° 10 ° 10	Shoe: Type			Depth	
Casing:	Bbls/Lin. ft		Lin. ft./Bl			loat: Type		4,44	Depth	98 * 3 * * * * * * * * * * * * * * * * *
Open Holes:	Bbls/Lin. ft	·0602	Liń, ft./Bl	bl. 16.599	<u>3</u> c	Centralizers: Q	uantity	Plugs Top Dry	<i>Hc.le</i> Btm	<del>- Landing and the second and the se</del>
Drill Pipe:				ы. <u>70-22.</u>	s ﴿ } نَسِينَا	Stage Collars			<u> </u>	
Annulus:	Bbls/Lin. ft.	.0406	Lin. ft./Bl	ы <u>ач. 647</u>		pecial Equip.			· · · · · · · · · · · · · · · · · · ·	
	Bbls/Lin. ft		Lin. ft./Bl	ol.	^^^^^	Disp. Fluid Type	e Fre h Hz			
Perforations: F	rom	ft. to		ftAmt. 🚣	٨٠٠١٧	/lud Type	Dr. H. Drill	4 3 44 Br	<u> </u>	jht <u>42</u> PPC
					414000					
COMPANY REPR	ESENTATIVE	Tustin Par	lderson .		<u>. 1121</u> 0,	CEMENTER	John Rolls	16 //16	Rhote	
			* * * * * * * * * * * * * * * * * * * *		1.05.	12-		100	y de la companya de l	
TIME	PRESSU	Total rest to the second	and the second second second	id pumped t	A ALL ALL AND A			REMARKS		
AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per # Time Period	*RATE** Bbls Min.					
	· ·		A 3.35	Pissing	THE					
*	3 (1)	1477	6.320	6.32	4.5	157 Pi	@ 3200°	2526 16	1.10 FULL 4	Inc
		747	.50 7x	44			place w/ 4			
<del>and the plant of the party of </del>			1.	<b>本州京村</b>						
কৰি কুলে ক্ৰিয়ে হৈছিল। -	3.1.1.7	TO PERSONAL PROPERTY OF THE PERSONAL PROPERTY	56 64	6.32	19765	313 Pl	(@ 887°	2564 25/4	108W H	16
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