KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

September 1999 Form Must Be Typed

ORIGINAL

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 5135	API No. 15 - 051-25,905-00-00
Name: John O. Farmer, Inc.	County: Ellis
Address: P.O. Box 352	SE _NE _SW _NW Sec. 14 Twp. 13 S. R. 18 East V West
City/State/Zip: Russell, KS 67665	1840 feet from S N (circle one) Line of Section
Purchaser:	1055 feet from E (W)(circle one) Line of Section
Operator Contact Person: Marge Schulte	Footages Calculated from Nearest Outside Section Corner:
Phone: (785) 483-3145, Ext. 214	(circle one) NE SE (NW) SW
Contractor: Name: Discovery Drilling Company Ind.	Lease Name: Staab "E" Well #: 1
31548	Field Name: (wildcat)
Wellsite Geologist: Randall Kilian	Producing Formation:
Designate Type of Completion:	Elevation: Ground: 2128' Kelly Bushing: 2136'
New Well Workover	Total Depth: 3800' Plug Back Total Depth:
OilSWDSIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at
Gas ENHR SIGW	
Dry Other (Core, WSW, Expl., Cathodic, etc)	
	If yes, show depth set Feet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	feet depth to sx cmt.
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) 40,000
Original Comp. Date: Original Total Depth:	(Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr/SWD	Chloride content 40,000 ppm Fluid volume 1,000 bbls
Plug BackPlug Back Total Depth	Dewatering method used evaporation
Commingled Docket No	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	Operator Name:
Other (SWD or Enhr.?) Docket No	Lease Name: License No.:
9-30-09 10-7-09	i
Spud Date or Date Reached TD Completion Date or Recompletion Date	Quarter Sec TwpS. R East West
, , , , , , , , , , , , , , , , , , ,	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workov Information of side two of this form will be held confidential for a period of 107 for confidentiality in excess of 12 months). One copy of all wireline logs TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells	n the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, er or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 12 months if requested in writing and submitted with the form (see rule 82-3-3 and geologist well report shall be attached with this form. ALL CEMENTING S. Submit CP-111 form with all temporarily abandoned wells.
Signature: Al D. Falms ##	KCC Office Use ONLY
President 12-1-09	/
Title: Date:	Letter of Confidentiality Received
Subscribed and sworn to before me this 15t day of	
20.09	Wireline Log Received Coologist Perceived PECEL VED
Notary Public: Margaret a, Schulte	Geologist Report Received RECEIVED
	DEC 0 2 2002
Date Commission Expires:	
1-27-13	KCC WICHIT

Side Two

Operator Name: John O. Farmer, Inc.		Lease Name:		Staab *	Staab "E"		1			
Sec. 14 Twp. 13	S. R. <u>18</u>	East	✓ West	County	<i>/</i> :	Ellis				
INSTRUCTIONS: Show tested, time tool open a temperature, fluid recov Electric Wireline Logs s	ind closed, flowing ery, and flow rate	g and shut s if gas to	-in pressures, s surface test, a	whether st long with f	nut-in pre	ssure reached :	static level, hydro	static pressur	es, bottor	n hole
Drill Stem Tests Taken (Attach Additional Sh	eets)	∠ Y	es 🗌 No		⊘ L	og Formatio	on (Top), Depth a	ind Datum		Sample
Samples Sent to Geolo	gical Survey	⊘ Y	es 🗆 No		Nam	=		Top 1396') 240)
Cores Taken	` .				Anhydrite Base/Anhydrite			1434'	-	+702)
Electric Log Run (Submit Copy)					Topeka			•	1012)	
List All E. Logs Run:					Heebner Shale			3392'	•	1256)
					Toro	nto		3414'		1278)
Compact Photo	_	mpens	ated Neutr	on	Lans	•		3442'	,	1306)
Log, Array Indu	ction Log				Base			3662'	•	1526)
<u></u>						Arbuckle		3761'	(-	1625)
		Reno	CASING I		vdace inte	w Used ermediate, product	ion etc			
Purpose of String	Size Hole	Siz	e Casing	Wei	ght	Setting	Type of	# Sacks		and Percent
Surface	12-1/4"	8-5/8"	(In O.D.)	Lbs./Ft.		Depth 223'	Common	Used 150	 	dditives C., 2% gel
		!	ADDITIONAL	CEMENTI	NG / SOL	JEEZE RECORD		1,	I	-
Purpose:	Depth Top Bottom	Туре	of Cement	#Sacks		Type and Percent Additive				
Perforate Protect Casing Plug Back TD	Top Bottom				-, .					
Plug Off Zone										
	DEDECRAT	ON DECO	D Didea Diva	o Callina		Asid Face	Chai O			· · · · · · · · · · · · · · · · · · ·
Shots Per Foot PERFORATION RECORD - Bridge Plugs Set/I Specify Footage of Each Interval Perforated						Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth				Depth
TUBING RECORD	Size	Set At		Packer /	At	Liner Run	Yes No			
Date of First, Resumerd Production, SWD or Enhr. Producing Method				Flowin	g Dumpir	ng Gas Li	ft Dth	er (Explain,)	
Estimated Production Per 24 Hours	Oil	Bbis.	Gas	Mcf	Wat	er B	bls. (Gas-Oil Ratio		Gravity
Disposition of Gas	METHOD OF (COMPLETIC) DN			Production Inter	vai			
Vented Sold	Used on Lease		Open Hole	Peri	i. 🗌 f	Dually 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 O. Farmer, Inc. LIC# 5135

PO Box 352

Russell, KS 67665

Lease: Staab "E" #1

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

PO Box 763 Hays, KS 67601

Location: 140' S of NE / SW / NW

Sec. 14 / 13S / 18W

Ellis Co., KS

Loggers Total Depth: 3800'

Rotary Total Depth: 3800'

Commenced: 9/30/2009

Casing: 8 5/8" @ 222.97' w / 150 sks

API#15- 051-25, 905-00-00

Elevation: 2120' GL / 2128' KB Completed: 10/7/2009

Status: D & A

DEPTHS & FORMATIONS (All from KB)

Surface, Sand & Shale	0'	Shale	1434
Dakota Sand	681'	Shale & Lime	2046' Dec 0 1 270.
Shale	752'	Shale	2395'
Cedar Hill Sand	839'	Shale & Lime	2696'
Red Bed Shale	1058'	Lime & Shale	3496'
Anhydrite	1390'	RTD	3800'
Base Anhydrite	1434'		
STATE OF KANSAS)			
) ss COUNTY OF ELLIS)		$\overline{}$	

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

My Commission expires: 8-9-

(Place stamp or seal below)

Notary Public

]

NOTARY PUBLIC - State of Kansas
GLENNAS, ALM
My Appt. Exp. 8-9-1

RECEIVED

CEC 0 2 2009

KOO WICHITA

ALLED CEMENTING COLLC. 037649

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665				SERVICE POINT: Kassevi						
DATE 9.30-09	SEC.	TWP.	RANGE 18	C.	ALLED OUT	ON LOCATION	11.040·m	JOB EINISH		
LEASE Stack	WELL#	FØI	LOCATION =	7.70	IE IN	Einto	COUNTY E//·S	STATE		
OLD OR NEW (C		<i>-</i>				/				
33337(3)			<u> </u>				$\theta \sim r^{2}$,		
CONTRACTOR	ىمى≥ن∆	cv/#2	<u></u>		OWNER		<u> </u>	الراء الساء		
TYPE OF JOB <	4.5 6900							о . П		
HOLE SIZE 12			0. 224		CEMENT					
CASING SIZE	<i>318</i>		PTH 222		AMOUNT ORDERED 60 Con 3% 44					
TUBING SIZE			PTH				2%66	٠ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ		
DRILL PIPE			EPTH			.				
TOOL			PTH		201114011		_			
PRES. MAX MEAS. LINE			NIMUM							
CEMENT LEFT II	V CSC		IOE JOINT		POZMIX					
PERFS.	1 030.	/->								
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DISPLACEMENT					A3C					
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	HELPER	Shane	·		C 4 3 2000	1	@	- 		
BULK TRUCK		-4		UL	C 3 1 300 3	J	<u>-</u>			
	DRIVER	Chr. S			******					
BULK TRUCK					- ((()))			- 		
#	DRIVER				HANDLING]				
					MILEAGE		_ `	- 		
	RE	MARKS:				,	ፐርኒፕል	 L		
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Micro 180 516.	_		PSICHUM	<u>un</u>		041454				
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			ار مسا		MILEAGE	OTAGE	_ _@	-		
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<i></i>										
To Allied Cementing Co., LLC.										
You are hereby requested to rent cementing equipment										
and furnish ceme					· · · · · · · · · · · · · · · · · · ·	<u> </u>	<u> </u>			
contractor to do v										
done to satisfaction							ТОТА	L		
contractor. I have										
TERMS AND CO	DNDITIC	NS" liste	d on the reverse	e side.	SALES TAX	(lf Any)				

SIGNATURE / HMG

RECEIVED
DEC 0 2 2009
KCC WICHITA

DISCOUNT ______ IF PAID IN 30 DAYS

ALLIED CEMENTING CO., LLC. 33630

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665		RUSSO11
SEC. TWP. RANGE	ALLED OUT) ON LOCATION	N JOB START JOB FINISH
DATE 10 - 7-07 14 13 18		COUNTY STATE
LEASE STARL WELL # & LOCATION HAY	INIE	COUNTY STATE
OLD OR (Circle one)		
	OU DED	
TYPE OF JOB Plug	OWNER	
HOLE SIZE TD.	CEMENT	
CASING SIZE DEPTH	AMOUNT ORDERED	
TUBING SIZE DEPTH	24502 6940	49.60 to F10
DRILL PIPE UT DEPTH		
TOOL DEPTH	COMMON 147	@ 13.50 /984,50
PRES. MAX MINIMUM MEAS. LINE SHOE JOINT	POZMIX 95	<u> </u>
CEMENT LEFT IN CSG.	GEL P	@ 20.25- /62.00
PERFS.	CHLORIDE	@
DISPLACEMENT	ASC	
EQUIPMENT	F1. Seal 61.	<u>@ 2.45 /49,45</u>
PUMP TRUCK CEMENTER	Carrie State the trans	
# 398 HELPER Chane	DEC 0 1 2009	@
BULK TRUCK	DEC 0 1 CONS	@
# 378 DRIVER Glew		
BULK TRUCK # DRIVER .		
# DRIVER .	HANDLING /23	
DOMA DIZC	MILEAGE	TOTAL 33>4/
REMARKS:		101AL
lot Pluge 3742 W 25Abr	CED	VICE
and Plus C 1403 wy 25 about	SER	VICE
3rd plus (721 W 100 Km	DEPTH OF JOB	
4th pluc C 273 W 40 Mbr	PUMP TRUCK CHARGE	758. w
the plug C, 40' of 10 Man	EXTRA FOOTAGE	@
K. H. 30Ng	MILEAGE 5	
	MANIFOLD	
		@
CHARGE TO: John O Farmen		
·		TOTAL 785,00
STREET		
CITYSTATEZIP	DV TIC A DE O	· TO ENGLISTS ATTAIN
	PLUG & FLO	AT 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		
done to satisfaction and supervision of owner agent or		TOTAL
contractor. I have read and understand the "GENERAL		
TERMS AND CONDITIONS" listed on the reverse side.	SALES TAX (If Any)	
	TOTAL CHARGES	
DDINVERD MANAC		E DATE IN 20 E 120
PRINTED NAME	DISCOUNT	IF PAID IN 30 DAYS

RECEIVE DEC 02 2009