CONFIDENTIAL KANSAS CORPORATION COMMISSION OR GIVE September 1999 WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL A 1999 WELL HISTORY - DESCRIPTION OF WELL A 1999

Operator: License # 5135	API No. 15 - 135-24,664-00-00
Name: John O. Farmer, Inc.	County: Ness
Address: P.O. Box 352	NE _SW _ SE _ NE Sec. 12 Twp. 17 S. R. 25 ☐ East West
City/State/Zip: Russell, KS 67665	2150 feet from S (N) (circle one) Line of Section
Purchaser: NCRA	820 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, Inc.	Lease Name: Well #: 1
License: 31548	Field Name: (wildcat)
Wellsite Geologist: Randall Kilian	Producing Formation: Mississippi
Designate Type of Completion:	Elevation: Ground: 2434' Kelly Bushing: 2442'
New Well Re-Entry Workover	Total Depth: 4500' Plug Back Total Depth: 4455'
✓ Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 211 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
	If yes, show depth set Port Collar @ 1778 Feet
Dry Other (Core, WSW, Expl., Cathodic, etc)	If Alternate II completion, cement circulated from 1778
If Workover/Re-entry: Old Well Info as follows:	feet depth to surface w/ 145 sx cmt.
Operator:	sx cmt.
Well Name:Original Total Depth:	Drilling Fluid Management Plan ATT ATT OF OF (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content 16,000 ppm Fluid volume 300 bbls
Plug Back 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:
· · · · · · · · · · · · · · · · · · ·	Lease Name: License No.:
6-13-07 6-19-07 7-6-07 Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R
Recompletion Date Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, worked information of side two of this form will be held confidential for a period of	th the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, ver 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 82-3-13) and geologist well report shall be attached with this form. ALL CEMENTING ls. Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regulation are complete and correct to the best of my knowledge.	late the oil and gas industry have been fully complied with and the statements
signature Held, Forme IP	KCC Office Use ONLY
Title: President Date: 9-20-	D7 Letter of Confidentiality Received
- 11	
Subscribed and sworn to before me this 20th day ofSeptem	Wireline Log Received
20 07	Geologist Report Received RECEIVED
Notary Public: Margaret a. teh	UIC Distribution KANSAS CORPORATION COMMI
Date Commission Expires: A NOTABY PUBLIC - State of Mansas	SEP 2 1 2007
MANCAREI A SCHILLE 1 My Appl Exp. 1-27-69	
MANAGEMENT CAN WARE THE PARTY OF THE PARTY O	CONSERVATION DIVISION

Operator Name: Joh	nn O. Farmer, Inc	·-	Lease	Name:	Tillitson		Well #: 1	
Sec Twp	17 S. R. 25	☐ East		y: Ness				
tested, time tool ope temperature, fluid re	n and closed, flowing covery, and flow rate	and base of formations p g and shut-in pressures, s if gas to surface test, a final geological well site i	whether shalong with f	nut-in pro	essure reached	static level, hydr	ostatic pressu	res, bottom hole
Drill Stem Tests Take		✓ Yes □ No		⊘ L	og Formati	on (Top), Depth	and Datum	Sample
Samples Sent to Ge	ological Survey	✓ Yes □ No		Nam	_{ie} , , ydrite		Top 1773'	Datum (+669)
Cores Taken		Yes V No		1	bner		3793'	(-1351)
Electric Log Run		✓ Yes No		Lans			3832'	(-1390)
(Submit Copy)					e/KC		4127'	(-1685)
List All E. Logs Run:				Paw			4254'	(-1812)
Microresistivity	/ Log. Dual Ind	uction Log, Dual			Scott		4334'	(-1892)
		Dual Receiver Cer	nent		rokee		4359'	(-1917)
Bond Log					sissippi		4432'	(-1990)
		CASING Report all strings set-o	RECORD	✓ N	ew 🗸 Used	tion, etc.		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weig	ght	Setting	Type of	# Sacks	Type and Percent
Surface	12-1/4"	8-5/8"	23#	/ F1.	211'	Common	150	Additives 3% C.C., 2% Gel
Production	7-7/8"	5-1/2"	14#		4498'	EA-2	160	, , , , , , , , , , , , , , , , , , , ,
Port Collar					1778'	QMD	145	
		ADDITIONAL	CEMENTIN	NG / SQI	JEEZE RECORD)		
Purpose: —— Perforate —— Protect Casing —— Plug Back TD —— Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks	Used		Type and I	Percent Additives	3
Shots Per Foot		ON RECORD - Bridge Plug			Acid, Fra	cture, Shot, Cemer	nt Squeeze Reco	rd
	Specify	Footage of Each Interval Per	forated		(Amount and Kind of Material Used) Depth			
4 SPF 4432-38' (Mississippi)					1500 gals. 1	5% NE	-	
	Size 3/8" rd Production, SWD or E	Set At 4450' Enhr. Producing Met	Packer A	xt	Liner Run	Yes 📝 No)	
7-9-07				Flowin	g 📝 Pumpii	ng 🔲 Gas Li	ift 🔲 Oth	er (Explain)
Estimated Production Per 24 Hours	0il 8.00	Bbls. Gas	Mcf	Wate	er B	bls.	Gas-Oil Ratio	Gravity 39.0°
Disposition of Gas	METHOD OF (COMPLETION			Production Inter	val		-3.0
Vented Sold	Used on Lease	Open Hole	✓ Perf.	. 🔲 [Dually Comp.	Commingled _	4432-38' (M	ississippi)



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

DRILLER'S LOG

Operator: .	John	O. Farmer	, Inc.	LIC#	5135
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PO Box 352

Russell, KS 67665

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

PO Box 763

Hays, KS 67601

Lease: Tillitson #1

Location: 160' N & 170' E of SW / SE / NE

Sec. 12 / 17S / 25W

Ness Co., KS

Loggers Total Depth: 4500' Rotary Total Depth: 4500'

API#-15- 135-24, 664-0000

Elevation: 2434' GL / 2442' KB

Commenced: 6/13/2007

Casing: 8 5/8" @ 210.78' w / 150 sks

5 1/2" @ 4497.69' w / 160 sks

(Port Collar @ 1778')

Completed: 6/20/2007 Status: Oil Well

DEPTHS & FORMATIONS (All from KB)

Surface, Sand & Shale	0'	Shale	1805'
Dakota Sand	989'	Shale & Lime	2346'
Shale	1066'	Shale	2680'
Cedar Hill Sand	1239'	Shale & Lime	3126'
Red Bed Shale	1506'	Lime & Shale	4056'
Anhydrite	1774'	RTD	4500'
Base Anhydrite	1805'		

STATE OF KANSAS

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

My Commission expires:

(Place stamp or seal below)

RECEIVED KANSAS CORPORATION COMMISSION

SEP 2 1 2007

CONSERVATION DIVISION WICHITA, KS

NOTARY PUBLIC - State of Kansas My Appt. Exp.

QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025 Cell 785-324-1041 Home Office P.O. Box 32 Russell, KS 67665

No. 1538

Sec.	Twp.	Range	Ca	lled Out	On Location	Job Start	Finish
Date / - / = / /	/>		. Ua		2 /2	July Start	4/55
Lease	Vell No. 1		Locatio		77	County	State
Contractor /	- P. H. 18	fur.		Owner			
Type Job		•••			lwell Cementing, Inc	c. t cementing equipment	and furnish
Hole Size	T.D.	<u> </u>		cementer and	d helper to assist ov	vner or contractor to do	work as listed.
Csg.	Depth 1.	4		Charge — To	C. Finn		
Tbg. Size	Depth		·	Street			
Drill Pipe	Depth	·	·.	City	·	KCC	
Tool .	Depth		+	The above was	s done to satisfaction	and Bulberstellan of owner	agent or contractor.
Cement Left in Csg. //).	Shoe Joint					NFIDENTIAL	
Press Max.	Minimum				<u> </u>	44112-	
Meas Line	Displace	DER	. 1	*		CEMENT	
Perf.	* ⁷						
EQUIPM	MENT			Amount Ordered /	5/6	35/6 - 36/4	. /
	-i ap			Consisting of	F		
Bulktrk No. Driver Driver	i, seci			Common	150 =	1100	1650,00
Bulktrk No. Driver Driver	1, 11 3 14 ⁴			Poz. Mix			
JOB SERVICES	& REMARKS			Gel.	230 1	17.00	51.00
Pumptrk Charge Sin Sice		750		Chloride 5	- Q 4	7,00	235.00
Mileage 2 1 6 95	w-**	144.0	00	Hulls			-
Footage				Salt	De la companya di seri		
	Total	894	.00	Flowseal	pa (Signa)		
Remarks;	TX STR					Name of Street	
			ta Z				
						Sales Tax	
				Handling	58 - 1	20	300,20
		·		Mileage &	& past	PALLETE	30336
				Purt 1	THUC CHI	ARGE Sub Total	894.00
			. #7			Notal	
				Floating Equi	ipment & Plugs	Procu	
			7	Squeeze Mai		RECEI KANSAS CORPORATIO	ON COMMISSION
				Rotating Hea	ıd 🦂 🚿	000 .	_
). (¢ ²				2007
A Limit Manual	7			A-7		CONSERVATION	DIVISION
Service Control of the Control of th				r.		Tax	102.61
<u> </u>				: :		Discount	(343,00)
X Signature					·	Total Charge	3.193,17
				-		- · · · · · · · · · · · · · · · · · · ·	. ,

SWIFT Services, Inc. DATE 6-20-67 **JOB LOG** WELL NO. CUSTOMER TICKET NO. JOHN O FOOMER TILLITSON LONGSTELL 12218 VOLUME (BBL)(GAL) PUMPS PRESSURE (PSI) CHART **DESCRIPTION OF OPERATION AND MATERIALS** TUBING CASING C ON LOCATION 1120 START S'L" CASONE IN WELL 1130 70-4500 SETE 4498 TP- 4500 5/2 # 14 55-20,78' CELTRALDERS-1,3,5,7,9 10,17 67 CMTBSKE-218,68 89 4 TV 40L PORT CILLIAR = 1778 1310 DROP BALL - LIREWINE ROTAGE 500 PUMP SOO GAL MUSICUSH 1338 12 SOO PUMP 20 BRES KUL FLUSH b なっ 1340 PLUG RH - MH 4/2 1346 350 MX CEMENT 175 SKS EA-2 W/ADDITULES 4/2 42 1349 1359 WASH OUT AIMP. LEVES 1400 DUG LUDG HARA 32A333 DISALVEE PLUG u 1402 O 99 850 SHOT OFF ROTATIONS 1500 PLUC DOWN - PSE UP LYTHA IN PLUS RECEIVED
KANSAS CORPORATION COMMISSION 66 1418 109,3 SEP 2 1 2007 1470 RELEASE PST- HELD CONSERVATION DIVISION WICHITA KS WASH TRUCK 1500 JOB COMPLETE THULKEY WAVE DISTY SEED JEFF

QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025 Cell 785-324-1041 Home Office P.O. Box 32 Russell, KS 67665

No. 1549

			
Sec.	Twp. Range Ca	alled Out On Location Job S	
Date 6-28-07		Ia	· · · · · · · · · · · · · · · · · · ·
Lease Tillits V	Vell No. / Locati	on Handal IE 35 5 Wascoun	nty K State
Contractor 270 Well	Service	Owner	
Type Jo		To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing	equipment and furnish
Hole Size	T.D.	cementer and helper to assist owner or contr	actor to do work as listed.
Csg. 5 ½	Depth	Charge O Farmer	
Tbg. Size $2^{\frac{3}{2}}$	Depth	Street	
Drill Pipe	Depth	City State	
Tool Fort Collar.	Depth /778	The above was done to satisfaction and supervision	on of owner agent or contractor.
Cement Left in Csg.	Shoe Joint	,	~CC
≁Press Max.	Minimum		2001
Meas Line	Displace (Bb)	CEMENT	SEP 20 2001
Perf.		du l'en	COMFRE
EQUIP	MENT	Amount Ordered 225 MI)	
Pumptrk / No. Cementer / Helper	ine .	Consisting of	
Bulktrk 7 Driver	<i>v</i> •,	Common 145 > 1825	2646
	Men	Poz. Mix	
JOB SERVICES	& REMARKS	Gel.	
Pumptrk Charge Dort Coll	75000	Chloride	
Mileage 24 1/3 60	14400	Hulls	·
Footage		Salt	
	Total 894 00	Flowseal	
Remarks: Prosecution for	Sine to 1000 Des		
Osa kal	BitHE CITILITY		
11/1/ 32			Sales Tax 1/27 50
Mose tool Fres	sur Casin tellimos	Handling 225	4/75-00
Run 5 125 7 W	in class	Mileage F. J. Dev ck Dev Alle	4/37 50
		PUNT FRUC KHARGE	Sub Total 894. 00
			FOTO:
		Floating Equipment & Plugs	AS CORPORATION COMMISSION
		Squeeze Manifold	CED O
		I Borne Carlotte and Carlotte a	· ·
			CONSERVATION DIVISION WICHITA, KS
XIV		7 3 8. 6. 4 3 3 32	`
New 1ct		*****	
			Tax 140,25
	<i>*</i>		Discount 440,00
Signature /c/4/		Tat	al Charge 4, 100.00
		106	a onaige 17/00