

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Fijled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5135	API No. 15 - 147-20,634-00-00
Name: John O. Farmer, Inc.	Spot Description:
Address 1: P.O. Box 352	SE_SW_NW_SW_Sec. 4 Twp. 5 S. R. 18 East West
Address 2:	1,430 Feet from North / South Line of Section
City: Russell State: KS Zip: 67665 + 0 3 5 2 Contact Person: Marge Schulte	\$\$20 \(\begin{aligned} \text{\$\lambda\$} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\
	Footages Calculated from Nearest Outside Section Corner:
04540	□ NE □ NW □ SE ☑ SW
CONTRACTOR: License # 31548 JAN 2 4 2011	County: Phillips
Name: Discovery Drilling Company, Inc.	Lease Name: Hoch Well #: 1
Wellsite Geologist: Randall Kilian CONFIDENTIAL	Field Name: (wildcat)
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: 1936' Kelly Bushing: 1944'
✓ New Well Re-Entry Workover	Total Depth: 3617' Plug Back Total Depth:
Oil Wsw Swd Slow	Amount of Surface Pipe Set and Cemented at: 217 Feet
Gas V D&A ENHR SIGW	Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
☐ OG ☐ GSW ☐ Temp. Abd.	If yes, show depth set: Feet
CM (Coal Bed Methane)	
Cathodic Other (Core, Expl., etc.):	If Alternate II completion, cement circulated from:
If Workover/Re-entry: Old Well Info as follows:	feet depth to: sx cmt
Operator:	**************************************
Well Name:	Drilling Fluid Management Plan
Original Comp. Date: Original Total Depth:	(Data must be collected from the Reserve Pit)
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Chloride content: 6,000 ppm Fluid volume: 3320 bbls
Conv. to GSW	Dewatering method used: evaporation
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	' '
Dual Completion Permit #:	Operator Name:
SWD Permit #:	Lease Name: License #:
ENHR Permit #:	Quarter Sec TwpS. R East West
GSW Permit #:	County: Permit #:
11-24-10 11-28-10	
Spud Date or Date Reached TD Completion Date or Recompletion Date	

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.

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.

Signature: John Falme	<u> </u>		
Title: John O. Farmer III, President	Date:	1-24-11	

KCC Office Use	ONLY RECEIVED
	KANSAS CORPORATION CO
Date: 184/11 - 184/	13 JAN 25 20
Wireline Log Received Geologist Report Received	CONSERVATIO
UIC Distribution ALT I III III Approved by:	(/1 Date: 196-1

Side Two

				Sid	e Two			*** ***		
		 mer Inc			ا .۔۔۔۔،	Hoch		Well #:1_		٠.
Operator Name: Sec. 4 Twp.5	John O. Far				Name: HOCH			vveii #:		, a
INSTRUCTIONS: Show time tool open and close recovery, and flow rates line Logs surveyed. Att	w important tops an ed, flowing and shu if gas to surface te	d base of formati t-in pressures, wh est, along with fina	ons pene	etrated. Doublet	etail all c	ores. Report a	I, hydrostatic pre	ssures, bottom l	hole tempe	erature, fluid
Drill Stem Tests Taken (Attach Additional Sh	eets)	☐ Yes 🗸	No No		VL	og Formati	on (Top), Depth a	and Datum	s	Sample
Samples Sent to Geolo	ŕ	✓ Yes	No		Nam			Тор)atum
Cores Taken	gical Sulvey] No		Anhyd			1490' 2939'	•	454) 1 95)
Electric Log Run		✓ Yes	No		Topek	a ner Shale		3141'	-	197)
Electric Log Submitted	Electronically	☐ Yes 🗸	′] No		Toron			3166'	,	1222)
(If no, Submit Copy)					Lansii			3183'	•	239)
List All E. Logs Run:	noity Noutron	Log Dualing	duction	Log	Base/	•		3403'	•	(459)
Compensated De Micro Resistivity					Arbuc			3538'	•	1594)
		•	CASING I		✓ Ne					
						ermediate, produ	ction, etc.			
Purpose of String	Size Hole Drilled	Size Casin Set (In O.D		Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used		and Percent dditives
Surface	12-1/4"	8-5/8"		23#		222'	Common	160	3% C.C	C., 2% gel
		ADD	ITIONAL	CEMENT	NG / SQL	JEEZE RECORI	D		<u> </u>	
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Cem	ent	# Sack	s Used		Type and	1 Percent Additive	s	
	PERFORATI	ON RECORD - Br	idae Pluas	Set/Tyne		Acid. Fi	acture, Shot, Ceme	ent Squeeze Reco	rd T	
Shots Per Foot		Footage of Each Int					Amount and Kind of			Depth
				~~~						
1										
TUBING RECORD: Size: Set At: Packer At: Liner Run:										
Date of First, Resumed P	Date of First, Resumed Production, SWD or ENHR. Producing Method:									
Estimated Production Per 24 Hours	Oil		owing Gas i	Pumpi	Wat	Gas Lift	Other (Explain) ——Bbls.	Gas-Oil Ratio	MILITARIA III III	Gravity
DISPOSITIO	N OF GAS		1./	METHOD O	E COMPL	ETION-		PRODUCT	ION INTERV	
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(If vented, Subn		Other (S			(Submit		ıbmit ACO-4)	<u> </u>		



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

GLENNA S. ALM My Appt. Exp. 8-9-11 KCC JAN 2 4 2011 CONFIDENTIAL

### **DRILLER'S LOG**

Operator: John O. Farmer, I	nc. Lic# {	5135 Contractor: Discov	ery Drilling Co., Inc	. LIC#31548
P.O. Box 352		PO Box	c 763	
Russell, KS 6766	5	Hays, F	KS 67601	
Lease: Hoch # 1		Location: SE/SW	/NW/SW	
		Sec. 4/	5S/18W	
		Phillips	Co., KS	
Loggers Total Depth: 3612'		API#15- <u>147-20</u>	,634-00-00	
Rotary Total Depth: 3617'		Elevation: 1936 G	L / 1944 KB	
Commenced: 11/24/	2010	Completed: 11/29/2	2010_	
Casing: <u>8 5/8"</u>	@ 222.29'W/160sks	Status: D & A	<del></del>	
	DEPTHS & F	ORMATIONS		
		om KB)		
Surface, Sand & Shale	<u>O'</u>	Shale	1527'	
Dakota Sand	773'	Shale & Lime	2105'	
Shale	827'	Shale	2459'	
Cedar Hill Sand	978'	Shale & Lime	2938'	
Red Bed Shale	1202'	Lime & Shale	3144'	
Anhydrite	1495'	RTD	3617'	
Base Anhydrite	1527'			
STATE OF KANSAS) )				
COUNTY OF ELLIS )	1		ı	
Thomas H. Alm of Dis the above and foregoing is a	covery Drilling states that to true and correct log of the at			RECEIVED CANSAS CORPORATION COMP.
	Thoma	as H. Alm		JAN 25 2011
Subscribed and sworn to befo	ore me on	7-10		CONSERVATION D.
My Commission expires:	8-9-11	4	11	WICHITA, KE
(Place stamp or seal below)	Notary	SIMMO. M	m_	
△ NOTARY PUBLIC	- State of Kansas	· viaell@		

# QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025 Cell 785-324-1041	Home Office RO	Box 32 Ru	ssell, KS 67665	No.	4394 2
Sec.	Twp. Range	County	State	On Location	Finish
Date 11-24-10. 4	5 18 1	111/18	1 KS 1		7,300 m
Lease HOCH	Well No. / Loc	cation Gale	3W25 1/2E	3/45 WINT	o
Contractor 1500en/#		Owner		ही माँ हिंदी कि कि कार्र करता है।	a plate (a)
Type Job Surface	Bar Charles Market		oilwell Cementing, Inc. by requested to rent o	ementina equipm <b>k</b> fil	<b>Califo</b> furnish
Hole Size 1214	T.D. 222	cementer ar	id helper to assist own	er or contractor to do	work as listed.
Csg. 85/8	Depth 222	Charge 5	1 farmer	JAN (	<b>7 4 2011</b>
Tbg. Size	Depth	Street	· · · · · · · · · · · · · · · · · · ·	CONFI	DENTIAL
Tool	Depth 34 10 100	City	2008-1-10-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	State 1100	
Cement Left in Csg. 15	Shoe Joint	The above wa	as done to satisfaction an	d supervision of owner	agent or contractor.
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# QUALITY OILWELL CEMENTING, INC.

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Phone 785-483-2025 Cell 785-324-1041	Home Office P.O. B	ox 32 Russell, KS 67665 No. 4482
Sec	Two. Range	County State On Location Ox Finish
Date 11-29-10 9	5 18 Ph	11.05 KS 6130/M
Lease Hock	Veil No. #/ Locati	on Glabe K, 3W, 25, 126, 3/45, 4/5
the sing summer of the training was	CONTRACTOR OF THE PROPERTY OF	Owner,
	A Com Shidight of the mercer state	To Quality Oilwell Cementing, Inc.
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Hole Size	<b>Repths</b>	Charge Nolan Conformation
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Signature /		JAN 25 2011 Total Charge

CONSERVATION DIVISION WICHITA, KS