

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1
September 1999
Form Must Be Typed

5/28/11

Operator: License # 5135
Name: John O. Farmer, Inc.
Address: P.O. Box 352
City/State/Zip: Russell, KS 67665
Purchaser: NCRA
Operator Contact Person: Marge Schulte
Phone: (785) 483-3145, Ext. 214
Contractor: Name: Discovery Drilling Company, Inc.
License: 31548
Wellsite Geologist: Brad J. Hutchison

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. _____

2-5-09 2-11-09 2-26-09
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 167-23,561-00-00
County: Russell
SW SE NW NW Sec. 12 Twp. 13 S. R. 13 East West
1170 feet from S (circle one) Line of Section
890 feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Dauber "B" Well #: 1
Field Name: (wildcat)

Producing Formation: Lansing "F"
Elevation: Ground: 1601' Kelly Bushing: 1609'
Total Depth: 3100' Plug Back Total Depth: 3073'
Amount of Surface Pipe Set and Cemented at 558 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 AHINS 7/6/09
(Data must be collected from the Reserve Pit)
Chloride content 16,000 ppm Fluid volume 240 bbls
Dewatering method used hauled free fluids

Location of fluid disposal if hauled offsite:
Operator Name: Kal Oil Operations
Lease Name: Sellens SWD License No.: 9370
Quarter SW4 Sec. 29 Twp. 15 S. R. 13 East West
County: Russell Docket No.: K-02,201

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: John O. Farmer III
Title: President Date: 5-28-09

Subscribed and sworn to before me this 28th day of May,
20 09.

Notary Public: Margaret A. Schulte

Date Commission Expires: _____
NOTARY PUBLIC - State of Kansas
MARGARET A. SCHULTE
My Appt. Exp. 1-27-13

KCC Office Use ONLY
 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
RECEIVED
MAY 28 2009
KCC WICHITA

Operator Name: John O. Farmer, Inc. Lease Name: Dauber "B" Well #: 1
 Sec. 12 Twp. 13 S. R. 13 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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Microresistivity Log, Dual Induction Log, Dual Compensated Porosity Log, Dual Receiver Cement Bond Log	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td><input type="checkbox"/> Log</td> <td>Formation (Top), Depth and Datum</td> <td><input checked="" type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Anhydrite</td> <td>597'</td> <td>(+1012)</td> </tr> <tr> <td>Topeka</td> <td>2504'</td> <td>(-895)</td> </tr> <tr> <td>Heebner</td> <td>2734'</td> <td>(-1125)</td> </tr> <tr> <td>Toronto</td> <td>2754'</td> <td>(-1145)</td> </tr> <tr> <td>Lansing</td> <td>2798'</td> <td>(-1189)</td> </tr> <tr> <td>Base/Kansas City</td> <td>3077'</td> <td>(-1468)</td> </tr> <tr> <td>R.T.D.</td> <td>3100'</td> <td>(-1491)</td> </tr> </table>	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample	Name	Top	Datum	Anhydrite	597'	(+1012)	Topeka	2504'	(-895)	Heebner	2734'	(-1125)	Toronto	2754'	(-1145)	Lansing	2798'	(-1189)	Base/Kansas City	3077'	(-1468)	R.T.D.	3100'	(-1491)
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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	12-1/4"	8-5/8"	23#	558'	Common	250	3% C.C., 2% Gel
Production	7-7/8"	5-1/2"	14#	3097'	Common	80	10% salt

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
4 SPF	2894-97' (Lansing "F")	300 gals. 15% acid	

TUBING RECORD	Size <u>2-3/8"</u>	Set At <u>3069'</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumerd Production, SWD or Enhr. <u>March 19, 2009</u>	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls. <u>5.60</u>	Gas Mcf	Water Bbls. <u>8.40</u>	Gas-Oil Ratio	Gravity <u>38.1"</u>
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Disposition of Gas Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled 2894-97' (Lansing "F")
(If vented, Submit ACO-18.) Other (Specify) _____



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

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

Lease: Dauber "B" #1

Location: 180' S 100' W of SE / NW / NW
Sec. 12 / 13S / 13W
Russell Co., KS

Loggers Total Depth: 2984' @ 2980' RTD

Rotary Total Depth: 3100'

Commenced: 2/6/2009

Casing: 8 5/8" @ 557.61' w / 260 sks

5 1/2" @ 3097' w / 80 sks

*used
250*

API#15- 167-23, 561-00-00

Elevation: 1601' GL / 1609' KB

Completed: 2/11/2009

Status: Oil Well

DEPTHS & FORMATIONS

(All from KB)

Surface, Sand & Shale	0'	Shale	630'
Dakota Sand	195'	Shale & Lime	1265'
Shale	247'	Shale	1588'
Cedar Hill Sand	285'	Shale & Lime	1869'
Red Bed Shale	455'	Lime & Shale	2751'
Anhydrite	597'	RTD	3100'
Base Anhydrite	630'		

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

Thomas H. Alm

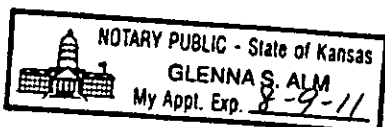
Subscribed and sworn to before me on 2-11-09

My Commission expires: 8-9-11

(Place stamp or seal below)

Glenna S. Alm

Notary Public



RECEIVED

MAY 2 2009

REGISTRATION UNIT

QUALITY OILWELL CEMENTING, INC.

(COPY No. 2071)

Phone 785-483-2025
Cell 785-324-1041

Date	2-16-09	Sec.	Twsp.	Range	Called Out	On Location	Job Start	Finish
Lease	Lumber B	Well No.	1	Location	Bunker Hill 60/56	County	R	State
Contractor	Discovery Drilling Rig	Owner			To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Type Job		Charge To			JO. Farmer			
Hole Size	12 1/4	T.D.	558	Street				
Csg.	8 1/2	Depth	557	City				
Tbg. Size		Depth		State				
Drill Pipe		Depth		The above was done to satisfaction and supervision of owner agent or contractor.				
Tool		Depth						
Cement Left in Csg.	10.1	Shoe Joint						
Press Max.		Minimum						
Meas Line		Displace	34 1/2 BBL	<p style="text-align: center;">(used 250) CEMENT</p>				
Perf.		Amount Ordered			260 (on 300) 2 1/2 bbl			
EQUIPMENT				Consisting of				
Pumptrk	4	No.	Cementer	Common				
			Helper	Poz. Mix				
Bulktrk	10	No.	Driver	Gel.				
			Driver	Chloride				
Bulktrk		No.	Driver	Hulls				
			Driver	Salt				
JOB SERVICES & REMARKS				Flowseal				
Pumptrk Charge		Total			RECEIVED			
Mileage					MAY 29 2009			
Footage					KSC WICHITA			
Remarks:	Cement did not set			Sales Tax				
				Handling				
				Mileage				
				Sub Total				
				Total				
				Floating Equipment & Plugs				
				Squeeze Manifold				
				Rotating Head				
				Tax				
				Discount				
				Total Charge				
Signature	[Signature]							

QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

COPY No. 2075

Date <i>2-11-12</i>	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish <i>6:15am</i>
Lease <i>Danbar B</i>	Well No. <i>1</i>			Location <i>Bunker Hill 62</i>		County <i>Rs</i>	State <i>ks</i>
Contractor <i>Discovery Drilling Rig 2</i>				Owner <i>562 Spido</i>			
Type Job <i>Logging</i>				To Quality Oilwell Cementing, Inc.			
Hole Size <i>7 7/8</i>				You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Csg. <i>5 1/2 14 1/8</i>		T.D. <i>3100</i>		Depth <i>3100</i>		Charge To <i>J.O Farmer, Inc</i>	
Tbg. Size		Depth		Street			
Drill Pipe		Depth		City		State	
Tool		Depth		The above was done to satisfaction and supervision of owner agent or contractor.			
Cement Left in Csg.		Shoe Joint <i>235'</i>					
Press Max.		Minimum					
Meas Line		Displace <i>75RBH</i>		<div style="border: 1px solid black; border-radius: 50%; padding: 5px; display: inline-block;">Used 80</div> CEMENT			
Perf.							
EQUIPMENT				Amount Ordered			
Pumptrk <i>1</i>	No.	Cementer <i>Steve</i>		<i>125 Com 10% Salt</i>			
		Helper <i>Steve</i>		Consisting of <i>500 Gal Mud Clean - 48</i>			
Bulktrk <i>3</i>	No.	Driver <i>Brundage</i>		Common			
		Driver <i>Deig</i>		Poz. Mix			
JOB SERVICES & REMARKS				Gel.			
Pumptrk Charge				Chloride			
Mileage				Hulls			
Footage				Salt	RECEIVED		
Total				Flowseal			
Remarks:				<div style="border: 1px solid black; padding: 2px;">MAY 29 2013</div>			
<i>Rat Hole</i>				<div style="border: 1px solid black; padding: 2px;">KCC WICHITA</div>			
<i>2 Mouse Hole</i>				Sales Tax			
<i>Land plug @ 900 psi</i>				Handling			
<i>Flood Hold</i>				Mileage			
				Sub Total			
				Total			
				Floating Equipment & Plugs <i>Wash Down Ass</i>			
				Squeeze Manifold <i>1 Flood Shoe</i>			
				Rotating Head <i>(Yes) P Baskets</i>			
				Control Valves			
				Tax			
				Discount			
Signature <i>Ann Wisemanley</i>				Total Charge			