

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

2/19/12

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

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: Steven P. Murphy
 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. _____

10-26-09	11-2-09	11-24-09
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

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API No. 15 - 135-24,985-00-00
 County: Ness
SE SW SW SW Sec. 14 Twp. 17 S. R. 25 East West
120 feet from N (circle one) Line of Section
430 feet from E / W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Mishler-Potter "B" Well #: 1
 Field Name: (wildcat)
 Producing Formation: Mississippi
 Elevation: Ground: 2449' Kelly Bushing: 2457'
 Total Depth: 4500' Plug Back Total Depth: 4472'
 Amount of Surface Pipe Set and Cemented at 223 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set Port Collar @ 1776 Feet
 If Alternate II completion, cement circulated from 1776
 feet depth to surface w/ 175 sx cmt.
 Drilling Fluid Management Plan AN INO 2 25-10
 (Data must be collected from the Reserve Pit)
 Chloride content 16,000 ppm Fluid volume 240 bbls
 Dewatering method used evaporation
 Location of fluid disposal if hauled offsite: _____
 Operator Name: _____
 Lease Name: _____ License No.: _____
 Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
 County: _____ Docket No.: _____

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: 2-19-10
 Subscribed and sworn to before me this 19th day of February
 20 10.
 Notary Public: Margaret A. Schulte
 Date Commission Expires: _____

KCC Office Use ONLY
 Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
 RECEIVED
 FEB 22 2010

1-27-13

KCC WICHITA

Operator Name: John O. Farmer, Inc. Lease Name: Mishler-Potter "B" Well #: 1
 Sec. 14 Twp. 17 S. R. 25 East West County: Ness

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 Yes No
(Attach Additional Sheets)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
(Submit Copy)

List All E. Logs Run:

Micro Resistivity Log, Array Induction Shallow
 Focussed Log, Compact Photo Density Compensated
 Neutron Log, Dual Receiver Cement Bond Log

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum
Anhydrite	1760'	(+697)
Heebner	3784'	(-1327)
Lansing	3823'	(-1366)
Base/KC	4118'	(-1661)
Pawnee	4245'	(-1788)
Fort Scott	4322'	(-1865)
Cherokee	4348'	(-1891)
Mississippi	4424'	(-1967)

CASING RECORD <input type="checkbox"/> New <input checked="" 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#	223'	Common	150	3% C.C., 2% Gel
Production	7-7/8"	5-1/2"	15.5 & 14#	4498'	EA-2	150	
Port Collar				1776'	QMD	175	

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	4432-37' (Mississippi)	None - completed natural	
4 SPF	4421-27' (Mississippi - zone dry)	300 gals. 15% NE acid	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-7/8"	4468'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.		Producing Method			
1-28-10		<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	28.00		1.00		38.2°

Disposition of Gas Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled 4432-37' (Mississippi)
(If vented, Submit ACO-18.) Other (Specify) _____



**Discovery
Drilling**

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: Mishler-Potter "B" #1

Location: 230' X & 100' E of SW / SW / SW
Sec. 14 / 17S / 25W
Ness Co., KS

Loggers Total Depth: 4500'

API#15- 135-24, 985-00-00

Rotary Total Depth: 4500'

Elevation: 2447' GL / 2455' KB

Commenced: 10/26/2009

Completed: 11/3/2009

Casing: 8 5/8" @ 221.15' w / 150 sks

Status: Oil Well

5 1/2" @ 4498' w / 150 sks

(Port Collar @ ~~1778~~ 1776')

DEPTHS & FORMATIONS

(All from KB)

Surface, Sand & Shale	0'	Shale	1792'
Dakota Sand	997'	Shale & Lime	2126'
Shale	1086'	Shale	2471'
Cedar Hill Sand	1226'	Shale & Lime	3053'
Red Bed Shale	1436'	Lime & Shale	3948'
Anhydrite	1759'	RTD	4500'
Base Anhydrite	1792'		

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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.

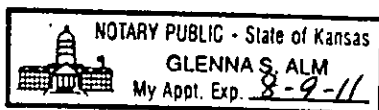
Thomas H. Alm

Subscribed and sworn to before me on 11-8-09

My Commission expires: 8-9-11

(Place stamp or seal below)

Notary Public



RECEIVED
FEB 22 2010
KCC WICHITA

QUALITY OILWELL CEMENTING, INC.

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

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

No. 3894

Date	11-17-09	Sec.	14	Twp.	17	Range	25	County	NESS	State	K	On Location		Finish	4:00 PM
Lease	Mishka-Potter			Well No.	B#1			Location	Arnold K. 1E 4S 2W 1S E 21to						
Contractor	JIM Well SERVICES							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	PL							Charge To	John D FARMER						
Hole Size	7 7/8			T.D.											
Csg.	5 1/2 H#			Depth											
Tbg. Size	2 7/8			Depth											
Tool	PL			Depth	1776'			City	State						
Cement Left in Csg.				Shoe Joint	The above was done to satisfaction and supervision of owner agent or contractor.										
Meas Line				Displace	CEMENT USED 175 SK										
EQUIPMENT								Amount Ordered	300 SK Q MDC						
Pumptrk	5	No.	Cement Helper	JOE				Common							
Bulktrk	4	No.	Driver	BETAN				Poz. Mix							
Bulktrk	PV	No.	Driver	1000 / ROKA				Gel.	KCC						
JOB SERVICES & REMARKS								Calcium	FEB 1 9 2010						
Remarks:								Hulls	CONFIDENTIAL						
PL @ 1776'								Salt							
PSI up 1000"								Flowseal	B & GEL ON SIDE						
OPEN tool								Handling							
Rung 8 x 62L CIRA								Mileage	OB 100 SK Per mile						
Max! Rung 175 SK QMDC								FLOAT EQUIPMENT							
12.5 gal								Guide Shoe							
CIRC CNT TO PIT								Centralizer							
PSP 9 Bbls								Baskets							
Close tool								AFU Inserts	RECEIVED						
PSI up 1000" Release New								FEB 22 2010							
Run 5 1/2" lbs								KCC WICHITA							
Rev at 20 Bbls								Pumptrk Charge	Pool Collar						
Quality Oilwell Cementing								Mileage	25						
Thank								Tax							
TODD								Discount							
JOE KOK & BETAN								Total Charge							
X Signature <i>Joe Kok</i>															

Please call again