

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

Operator: License # 30521Name: R.D. EnergyAddress R#1 Box 215City/State/Zip Sedan, KS 67361Purchaser: Farmland Industries, Inc.Operator Contact Person: Rodney DickensPhone (316) 725-3065Contractor: Name: Darnall DrillingLicense: 6281Wellsite Geologist: Rodney Dickens

## Designate Type of Completion

 New Well  Re-Entry  Workover Oil  SWD  SISW  Temp. Abd. Gas  ENHR  SIGW Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Deepening \_\_\_\_\_ Re-perf. \_\_\_\_\_ Conv. to Inj/SWD \_\_\_\_\_

Plug Back \_\_\_\_\_ PBTG \_\_\_\_\_

Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_

Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_

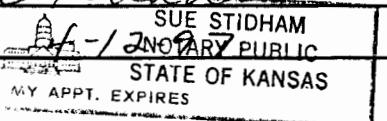
Other (SWD or Inj?) Docket No. \_\_\_\_\_

Spud Date 04-26-93 Date Reached TD 04-27-93 Completion Date 05-06-93

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 on 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 R.D. Energy  
Rodney Dickens

Title OperatorSubscribed and sworn to before me this 9 day of July, 1993.Notary Public Sue StidhamDate Commission Expires 6/1/2007API NO. 15- 019-26324

16-34s.12E

County ChautauquaNE - SE - SE - NE Sec. 16 Twp. 34S Rge. 12 E3190 Feet from SW (circle one) Line of Section165 Feet from E/W (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)Lease Name Carter Well # 2Field Name Peru-SedanProducing Formation Wayside (Peru)Elevation: Ground 780<sup>e</sup> KB \_\_\_\_\_Total Depth 959' PBTG 947'Amount of Surface Pipe Set and Cemented at 68 FeetMultiple Stage Cementing Collar Used? Yes  No 

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from 955'feet depth to surface w/ 120 sx cmt.

## Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

8-8-93

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls

Dewatering method used \_\_\_\_\_

Location of fluid disposal if hauled offsite:

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License No. \_\_\_\_\_

Quarter Sec. \_\_\_\_\_ Twp. 34S Rng. 12 E/W

County: \_\_\_\_\_ Docket No. \_\_\_\_\_

JUL 22 1993

K.C.C. OFFICE USE ONLY	
<input type="checkbox"/> F	Letter of Confidentiality Attached
<input type="checkbox"/> G	Wireline Log Received
<input type="checkbox"/> H	Geologist Report Received
Distribution	
<input checked="" type="checkbox"/> KCC	SWD/Rep
<input type="checkbox"/> KGS	Plug
<input checked="" type="checkbox"/> NGPA	
Other (Specify) <u>IS</u>	

R.D. Energy

Sec. 16 Twp. 34S Rge. 12  East  WestLease Name Carter Well # 2  
County Chautauqua

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken  
(Attach Additional Sheets.) Yes  No

Samples Sent to Geological Survey

 Yes  No

Cores Taken

 Yes  NoElectric Log Run  
(Submit Copy.) Yes  No

List All E.Logs Run: Gamma Ray/Neutron

Copies of electric log, driller's log &amp; cement ticket attached

 Log Formation (Top), Depth and Datums  Sample

Name Top Datum

Wayside(Peru) 906' G.L.

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	9 7/8"	7"	23	68'	Common	20	
Production	6 1/4"	4 1/2"	9.5	955'	50/50Poz Mix	120	2% gel

## ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
Perforate				
Protect Casing				
Plug Back TD				
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
1	906-26'	100 gals 15% HCL; 7500# 906-26'
		sd & 180 bbls gelled SW

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 3/8"	926'	--		

Date of First, Resumed Production, SWD or Inj.	Producing Method	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
05-09-93		

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	6	Trace	9	N/A	N/A

## Disposition of Gas:

METHOD OF COMPLETION				Production Interval
<input type="checkbox"/> Vented	<input type="checkbox"/> Sold	<input type="checkbox"/> Used on Lease (If vented, submit ACO-18.)	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled	906-26'
			<input type="checkbox"/> Other (Specify)	

# COPY

R.D. Energy  
Carter Lease  
Well #2

Walter Darnall Oil-Contractor  
April 1993

Formation	Depth
Topsoil	0-5
Clay	5-20
Sand Stone	20-24
Clay	24-34
Shale	34-43
River Gravel	43-53
Shale	53-69
Lime	69-75
Shale	75-160
Sand	160-165
Shale	165-174
Sand	174-205
Lime	205-244
Shale	244-250
Lime	250-266
Shale	266-274
Lime	274-324
Shale	324-340
Lime	340-355
Shale	355-364
Sandy Shale	364-532
Sand	532-536
Sandy Shale	536-605
Sand	605-610
Shale	610-615
Lime	615-629
Shale	629-685
Lime	685-691
Shale	691-767
Sandy Shale	767-887
Lime	887-889
Sandy Shale	889-895
Lime	895-909
nd (good odor)	909-925
Sandy Shale	925-956 T.D.

RECEIVED  
STATE CORPORATION COMMISSION  
JUL 22 1993  
CONSERVATION DIVISION  
Wichita, Kansas

Set 956 ft. of 4 1/2" pipe.  
Cemented to the top.