

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

APR 15-15-163-23,221-00-00 ORIGINAL

Operator: License # 5635

Name: The Gene Brown Company

Address: Drawer 220

City/State/Zip Plainville, KS 67663

Purchaser: Farmland Industries

Operator Contact Person: Thomas M. Brown

Phone (913) - 434-4811

Contractor: Name: Emphasis Oil Operations

License: 8241

Wellsite Geologist: Thomas M. Brown

Designate Type of Completion

New Well Re-Entry Workover

Oil SVD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSV, 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/SVD
 Plug Back PBTB
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SVD or Inj?) Docket No. _____

Spud Date 4/1/93 ✓ Date Reached TD 4/6/93 ✓ Completion Date 5/8/93

County Rooks

SW- SE- SE- - ✓ Sec. 12 Twp. 9S Rge. 19 X W

330 ✓ Feet from S (circle one) Line of Section

990 ✓ Feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE NW or SW (circle one)

Lease Name Hilgers ✓ Well # 10

Field Name Barry SE

Producing Formation Arbuckle

Elevation: Ground 2059' ✓ KB 2064'

Total Depth 3545' PBTB 3486

Amount of Surface Pipe Set and Cemented at 216 ✓ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set perforate 1420 Feet

If Alternate II completion, cement circulated from 1420 ✓
feet depth to surface w/ 275 Lite to 500
250 60/40 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content 20,000 ppm Fluid volume 300 bbls

Dewatering method used Skim free water

Location of fluid disposal if hauled offsite:

Operator Name The Gene Brown Company

Lease Name Hilgers License No. 5635

SE Quarter Sec. 12 Twp. 9 S Rng. 19 K W

County Rooks Docket No. 25,739

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 Thomas M. Brown

Title Development Supervisor Date 6/4/93

Subscribed and sworn to before me this 8th day of June 19 93.

Notary Public Terry L. Chaneik

Date Commission _____
TERRY L. CHANEIK
State of Kansas
My Appt. Exp. Nov. 14, 1995

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached

C Wireline Log Received

C Geologist Report Received

7/1/93

Distribution

KCC SWD/Rep NGPA

KGS Plug Other

(Specify)

Operator Name The Gene Brown Company

Lease Name Hilgers

Well # 10

Sec. 12 Twp. 9S Rge. 19

East
 West

County Rooks

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 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: L-K Wireline
G/R Neutron cased
Sonic Bond log

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Anhydrite	1411	+653
Topeka	2980	-916
Toronto	3207	-1143
L.K.C.	3227	-1163
Base K.C.	3447	-1383
Arbuckle	3472	-1408

CASING RECORD

New 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	20	216	60/40 poz	130	3% gel 2%cc
production	7 7/8	5 1/2	14	3544	60/40 poz	175	2%cc

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate				
<input checked="" type="checkbox"/> Protect Casing	1420	Lite	250	1/4# Flow Cele
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone	surface	60/40 poz	250	2% c.c. 2% gel

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	3478-80	None	
	Baker cast iron plug 3486		

TUBING RECORD Size 2 1/2 Set At 3470 Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 5-17-93 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	35		None		22

Disposition of Gas: Vented Sold Used on Lease
(If vented, submit ACO-18.)

METHOD OF COMPLETION

Open Hole Perf. Dually Comp. Commingled Other (Specify)

Production Interval 3478-80

Phone 913-483-2627, Russell, Kansas

Phone Plainville 913-434-2812

Phone 316-793-5861, Great Bend, Kansas

Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC. 4215

Home Office P. O. Box 31 Russell, Kansas 67665

New

Date	4-6-93	Sec.	12	Twp.	9	Range	19	Called Out	9:30 AM	On Location	3:05 PM	Job Start	3:30 PM	Finish	
Lease	Hilgers	Well No.	10	Location	Plainville 3N 45 W	County	Rooks	State	Ks	Owner	N.S.				
Contractor	Emphasis Dily Rig 6														
Type Job	Production String														
Hole Size	7 7/8	T.D.	3545												
Csg.	5 1/2	Depth	3544												
Tbg. Size		Depth													
Drill Pipe		Depth													
Tool	Basket	Depth	1430												
Cement Left in Csg.		Shoe Joint	9.50												
Press Max.		Minimum													
Meas Line		Displace	86.75												
Perf.															

To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Charge To *The Gene Brown Co.*
 Street *Drawer 220*
 City *Plainville* State *Ks 67663*
 The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. _____
 X *JPM R*

EQUIPMENT

Pumptrk	No. 153	Cementer	<i>Dave Mark</i>
		Helper	
Pumptrk	No.	Cementer	<i>Steve</i>
		Helper	
		Driver	
Bulktrk	213	Driver	
Bulktrk		Driver	

CEMENT

Amount Ordered	175 6% 2% CC 1/4 lb Fluoreal
Consisting of	
Common	
Poz. Mix	
Gel.	
Chloride	
Quickset	

DEPTH of Job

Reference:	Dump trk chg	
	225 per mile	
	52 Rubber plug	
	Sub Total	
	Tax	
	Total	

Remarks: Plug mouse hole up 105k
 Rat hole up 155k
 Basket on 52
 Cents on 1357, @ 51
 Flood held

Sales Tax	
Handling	
Mileage	
Sub Total	
Total	
Floating Equipment	52 Baker
	1 Guide Shoe
	1 API Insert
	1 Basket
	5 Centrifuges

RECEIVED
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 CONSERVATION DIVISION
 Wichita, Kansas

T. Rankin

Phone 913-483-2627, Russell, Kansas
 Phone 316-793-5861, Great Bend, Kansas

Phone Plainville 913-434-2812
 Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC. 4214

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	4-1-93	Sec	12	Twp.	9	Range	19	Called Out	8:00 PM	On Location	9:30 PM	Job Start		Finish	11:40 AM
Lease	Hilgers	Well No.	10	Location	Plainville 3N 4 1/2 W			County	Moores		State	KS			
Contractor	Emphasis Drily Rig 6							Owner	N/S						
Type Job	Surface							To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.							
Hole Size	12 1/4		T.D.	219											
Csg.	8 1/8		Depth	217											
Tbg. Size			Depth												
Drill Pipe			Depth												
Tool			Depth												
Cement Left in Csg.	10 1/5		Shoe Joint												
Press Max.			Minimum												
Meas Line			Displace	20 1/2											
Perf.															

Charge To *The Gene Brown Company*
 Street *Drawer 220*
 City *Plainville* State *KS 67663*
 The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.
X Larry Langford
CEMENT
 Amount Ordered *130 69 3/16 2% gel*

EQUIPMENT

Pumptrk	No.	Cementer	<i>Dave</i>
	153	Helper	
Pumptrk	No.	Cementer	<i>Mike</i>
		Helper	
Bulktrk		Driver	<i>Mike</i>
	218	Driver	

Consisting of	
Common	
Poz. Mix	
Gel.	
Chloride	
Quickset	
Handling	
Mileage	
Sales Tax	
Sub Total	
Total	
Floating Equipment	

DEPTH of Job

Reference:	<i>Dump truck chg</i>	
	<i>2 25 Per mile</i>	
	<i>8 1/8 wooden plug</i>	
	Sub/Total	
	Tax	
	Total	

Remarks:

Cement Cir

SURFACE PIPE
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 CONSERVATION COMMISSION
 JUL - 1 - 1993
 CONSERVATION DIVISION
 Wichita, Kansas

15-163-23221-00-00

EMPHASIS OIL OPERATIONS
A Division of N-B Company, Inc.
P. O. BOX 506
RUSSELL, KS 67665

DRILLERS LOG

OPERATOR: The Gene Brown Company
Drawer 220
Plainville, KS 67663

CONTRACTOR: Emphasis Oil Operations
Box 506
Russell, KS 67665

LEASE: Hilgers

WELL #10

LOCATION: SW SE SE
Section 12-9S-19W
Rocks County, Kansas

ROTARY TOTAL DEPTH: 3545'

ELEVATION: 2064' K.B.

COMMENCED: 4/1/93

COMPLETED: 4/6/93

CASING: 8-5/8" @ 216' w/130 sks cement
5-1/2" @ 3544' w/175 sks cement

STATUS: Oil Well

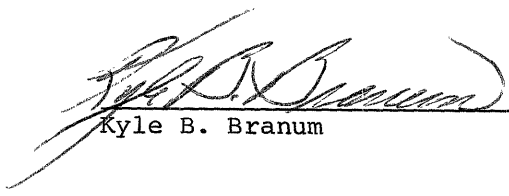
DEPTHS & FORMATIONS

(All measurements from K.B.)

Sand	640'	Shale	1463'
Shale	670'	Shale & Lime	1858'
Sand	919'	Lime & Shale	2615'
Shale	1149'	Lime	3523'
Anhydrite	1416'	R.T.D.	3545'

STATE OF KANSAS)
) ss
COUNTY OF RUSSELL)

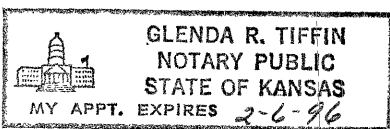
Kyle B. Branum, of Emphasis Oil Operations, states that the above and foregoing is a true and correct log of the above captioned well, to the best of his knowledge.

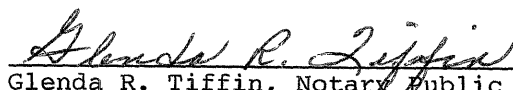


Kyle B. Branum

Subscribed and sworn to before me on April 7, 1993.

My commission expires: February 6, 1996.





Glenda R. Tiffin, Notary Public

Phone 913-483-2627, Russell, Kansas

Phone 316-793-5861, Great Bend, Kansas

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC. 4194

Home Office P. O. Box 31

Russell, Kansas 67665

Date	5-4-93	Sec.	12	Twp.	9	Range	19	Called Out	6:00 AM	On Location	8:30 AM	Job Start	9:30 AM	Finish	4:00 PM
Lease	Hilgers	Well No.	# 10	Location	Plainville 3N4E1/4N	County	ROOTS	State	KANSAS						
Contractor	Bills Well Service														
Type Job	Circulate Cement														
Hole Size	T.D.														
Csg.	5 1/2"	Depth													
Tbg. Size	2 1/2"	Depth	1323'												
Bridge Plug	5 1/2"	Depth	2800'												
Tool	5 1/2"	Depth	1323'												
Cement Left in Csg.	Shoe Joint														
Press Max.	Minimum														
Meas Line	Displace														
Perf.	@ 1420'														

Owner SAME

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Charge To The Gene Brown Company

Street

City State

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.

X

CEMENT 2 SKS SAND 8% gel

Amount Ordered 2.75 SKS Lightweight Cement

Consisting of 50 SKS 60/100 per 2% CC

Common

Poz. Mix

Gel.

Chloride

Quickset

Sales Tax

Handling

Mileage

Sub Total

Total

Floating Equipment

EQUIPMENT

#153 No.	Cementer	M KAUFMAN
Pumptrk	Helper	Mark D.
No.	Cementer	
Pumptrk	Helper	
#285	Driver	Wayne M
Bulktrk	Driver	Steve W
#282	Driver	

DEPTH of Job

Reference:	# PUMP TRK
Sub Total	
Tax	
Total	

Remarks: Tested Bridge plug & packer to @ 1500' Held ok Spotted 2 SKS sand came out of casing with tubing perforated casing @ 1420' Ran tubing & packer to 1323' Mixed 2.25 SKS cement Staged & Squeezed to 1000' washed casing clean

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CONSERVATION DIVISION
Wichita, Kansas

Phone 913-483-2627, Russell, Kansas

Phone Plainville 913-434-2812

Phone 316-793-5861, Great Bend, Kansas

Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

4283

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	5-5-93	Sec.	12	Twp.	9	Range	19	Called Out		On Location	9:00 AM	Job Start	10:00 AM	Finish	2:30 PM
Lease	Hilgers	Well No.	10	Location	Plainville 3 N 12 W N 1 S	County	Rooks	State	Ks	Contractor	Bill's Well Service	Owner	To Allied Cementing Co., 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	Backside Squeez														
Hole Size	5 1/2														
Csg.	2														
Tbg. Size	2														
Drill Pipe															
Tool															
Cement Left in Csg.															
Press Max.															
Meas Line															
Perf.															

EQUIPMENT

Pumptrk	No.	Cementor	Dave
	153	Helper	
Pumptrk	No.	Cementor	Mike
		Helper	
Bulktrk		Driver	
	218	Driver	

CEMENT

Amount Ordered: *200 60 2% gel 1/16 flow seal*

Consisting of:

Common	
Poz. Mix	
Gel	
Chloride	
Quickset	
Sales Tax	
Handling	
Mileage	
Sub Total	
Total	

Floating Equipment

DEPTH of Job

Reference:	<i>pump hic chg</i>
Sub Total	
Tax	
Total	

Remarks: *tested squeez @ 500psi & held took injection pole returned backside @ 3 1/2 BBI @ 300psi pumped cement. Shut in @ 50psi. Ran catcher & wash sand off plugs. Swab hole down.*

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CORPORATION
1993
CONSERVATION DIVISION
Wichita, Kansas