

SIDE ONE

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

API NO. 15- 163-23,159-00-00

County ROOKS
100 FT NORTH OF
C-W 1/2 SE NW Sec. 17 Twp. 9 Rge. 18 X East West

Operator: License # 5635

Name: THE GENE BROWN COMPANY

Address P.O. DRAWER #220

City/State/Zip PLAINVILLE, KS 67663

Purchaser: Farmland Industries

Operator Contact Person: TOM BROWN

Phone (913) 434-4811

Contractor: Name: RED TIGER DRILLING CO.

License: 5302

Wellsite Geologist: Micheal A. Davignon

3400 Ft. North from Southeast Corner of Section

3630 Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

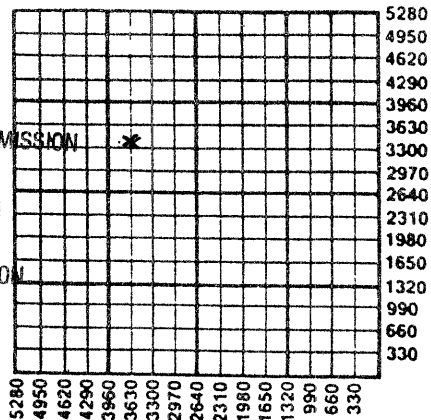
Lease Name STAHL Well # #7

Field Name MCHALE

Producing Formation Arbuckle

Elevation: Ground 2106 KB 21111

Total Depth 3582 PBTD 3564



RECEIVED

STATE CORPORATION COMMISSION

JUN 24 1991

6-24-91

CONSERVATION DIVISION

Wichita, Kansas

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD Temp. Abd.
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

If OWMO: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable

4-19-91 4-23-91 5-17-91
Spud Date Date Reached TD Completion Date

Amount of Surface Pipe Set and Cemented at 225.30 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 1498 Feet

If Alternate II completion, cement circulated from 1498
50 sks 60/40
feet depth to surface w/ 225 lite lx cmt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 6-19-91

Subscribed and sworn to before me this 19th day of June, 19 91.

Notary Public Kathy A. Wise

Date Commission Expires May 27, 1991

NOTARY PUBLIC - State of Kansas
KATHY A. WISE
My Appt. Exp. 5-27-94

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received

Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

SIDE TWO

Operator Name THE GENE BROWN COMPANY Lease Name STAHL Well # #7
 Sec. 17 Twp. 9 Rge. 18 East County ROOKS
 West

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.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<p style="text-align: center;">Formation Description</p> <p><input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample</p> <table border="1"> <thead> <tr> <th>Name</th> <th>Top</th> <th>Bottom</th> </tr> </thead> <tbody> <tr> <td>Anhydrite</td> <td>1498</td> <td></td> </tr> <tr> <td>Topeka</td> <td>3039</td> <td></td> </tr> <tr> <td>Heebner</td> <td>3249</td> <td></td> </tr> <tr> <td>Toronto</td> <td>3269</td> <td></td> </tr> <tr> <td>LKC</td> <td>3288</td> <td></td> </tr> <tr> <td>Base - KC</td> <td>3509</td> <td></td> </tr> <tr> <td>Arbuckle</td> <td>3532</td> <td></td> </tr> </tbody> </table>	Name	Top	Bottom	Anhydrite	1498		Topeka	3039		Heebner	3249		Toronto	3269		LKC	3288		Base - KC	3509		Arbuckle	3532	
Name	Top		Bottom																							
Anhydrite	1498																									
Topeka	3039																									
Heebner	3249																									
Toronto	3269																									
LKC	3288																									
Base - KC	3509																									
Arbuckle	3532																									
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																									
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																									
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																									

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"	20	225.30	60-40POZ	135	2%GEL, 3%CC
PRODUCTION	7 7/8"	5 1/2"	14	3578	60-40POZ	150	2%CC, 1/2 #f10-seal
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			Depth			
4 per	3540 - 43			250 g1 - 20% HCL			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing Method					
5-17-91		<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
24				480 Bbls.			22

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

METHOD OF COMPLETION

Open Hole Perforation Dually Completed Commingled

Other (Specify) _____

Production Interval 3540-43

WORK ORDER CONTRACT AND PRE-TREATMENT DATA

FORM 1903R-7

A Division of Halliburton Company

ATTACH TO INVOICE & TICKET NO. 103725

DISTRICT: HAYS Pk DATE: 5-17-94
TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE

THE SAME AS AN INDEPENDENT CONTRACTOR TO: Gene Blankenship (CUSTOMER)
AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. A7 LEASE Start SEC. TWP. RANGE

FIELD COUNTY Rooks STATE KS OWNED BY Sam

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME	TYPE	FROM	TO	CASING	NEW USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW. PSI
FORMATION THICKNESS										
PACKER TYPE <u>ABO</u>			SET AT <u>1599</u>				<u>5 1/2</u>			
TOTAL DEPTH							<u>2 3/4</u>			
BORE HOLE				OPEN HOLE						SHOTS/FT.
INITIAL PROD. OIL BPD, H ₂ O BPD, GAS MCF				PERFORATIONS						
PRESENT PROD. OIL BPD, H ₂ O BPD, GAS MCF				PERFORATIONS						
TREAT. FLUID				PERFORATIONS						

PREVIOUS TREATMENT: DATE TYPE MATERIALS

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED

OPEN FO @ 1500 GPM w/ 275 sks ALC w/ 1/4" flow
50 sks 60-406 @ 275 gpm 27% CC

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

As consideration, the above-named Customer agrees: THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

(a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price list. Invoices are payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event it becomes necessary to employ attorneys to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account.

(b) To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorneys fees, and costs of defense to the extent permitted by law for:

(1) Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including but not limited to, surface and subsurface damage. The term "well owner" shall include working and royalty interest owners.

(2) Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.

(3) Personal injury or death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material.

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section (b) and Section (c) below shall apply to claims or liability even if caused or contributed to by Halliburton's negligence, strict liability, or the unseaworthiness of any vessel owned, operated, or furnished by Halliburton or any defect in the data, products, supplies, materials, or equipment of Halliburton whether in the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of Halliburton. The term "Halliburton" as used in said Sections (b) and (c) shall mean Halliburton, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.

(c) That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, Halliburton is unable to guarantee the effectiveness of the products, supplies or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by Halliburton. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be liable for and Customer shall indemnify Halliburton against any damages arising from the use of such information.

(d) That Halliburton warrants title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.

(e) That Customer shall, at its risk and expense attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for marine operations, Customer shall in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.

(f) To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law.

(g) That this contract shall be governed by the law of the state where services are performed or materials are furnished.

(h) That Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

SIGNED: _____ CUSTOMER

DATE: 5-17-94

TIME: 0915 A.M. P.M.

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished under this contract.

CUSTOMER

CUSTOMER



WORK ORDER CONTACT
HALLIBURTON SERVICES
 511 Duncan, Oklahoma 73536
 A Division of Halliburton Company

15-163-23159-00-10
ORIGINAL
TICKET
NO. 103793 8

FORM 1906 R-11

WELL NO. - FARM OR LEASE NAME 7 Stahl	COUNTY Rooks	STATE KS	CITY / OFFSHORE LOCATION	DATE 4-24-91
CHARGE TO Gene Brown Co.	OWNER Same	TICKET TYPE (CHECK ONE) SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/>		NITROGEN JOB YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
ADDRESS DWR 220	CONTRACTOR Red Tiger	LOCATION 1 Hays, KS		CODE 25525
CITY, STATE, ZIP Plainville, KS 67663	SHIPPED VIA ED 71K	FREIGHT CHARGES <input type="checkbox"/> FPD <input type="checkbox"/> COLLECT	LOCATION 2	CODE
WELL TYPE 01	WELL CATEGORY 01	WELL PERMIT NO.	DELIVERED TO 3	LOCATION 3
TYPE AND PURPOSE OF JOB 038	ORDER NO. B- 904136	REFERRAL LOCATION		

As consideration, the above-named Customer agrees to pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists. Invoices payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the first day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable, but never to exceed 38% per annum. In the event it becomes necessary to employ an attorney to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account. These terms and conditions shall be governed by the law of the state where services are performed or equipment or materials are furnished.

Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and customer's exclusive remedy in any cause of action (whether in contract, tort, product liability, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.

INITIAL PRICE REFERENCE	SECONDARY REF OR PART NO.	L.D.C.	ACCOUNT	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT
					QTY	MEAS	QTY	MEAS		
000-117		1		MILEAGE 251193	6	mi			2.60	15.60
001-016		1		Pump chg	3578	ft	5	in		1240.00
030-019		1		5 in Plug	1	ea	5	in		60.00
73	813-0151	1		F.O. Multi-stage emf.	1	ea	5	in		1600.00
12A	825-205	1		Regular Guide Shoe	1	ea	11	in		115.00
21A	815-19251	1		Insert Flat Valve	1	ea	11	in		83.00
27	815-17311	1		Fill up unit	1	ea				30.00
40	807-93122	1		Central 112 4 1/2 in	6	ea			44.00	264.00
320	800-8883	1		Cement Basket	1	ea			90.00	90.00

DO NOT PRINT THIS INVOICE

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. **B- 904136**

1040.35

WAS JOB SATISFACTORILY COMPLETED?
 WAS OPERATION OF EQUIPMENT SATISFACTORY?
 WAS PERFORMANCE OF PERSONNEL SATISFACTORY?

X *Thomas M. Blain*
 CUSTOMER OR HIS AGENT (PLEASE PRINT)

WE CERTIFY THAT THE FAIR LABOR STANDARDS ACT OF 1938, AS AMENDED HAS BEEN COMPLIED WITH IN THE PRODUCTION OF GOODS AND OR WITH RESPECT TO SERVICES FURNISHED UNDER THIS CONTRACT.

Kenneth J. Robinson
 HALLIBURTON OPERATOR

HALLIBURTON APPROVAL

SUB TOTAL
 APPLICABLE TAXES WILL BE ADDED ON INVOICE.



HALLIBURTON SERVICES

Duncan, Oklahoma 73538

A Division of Halliburton Company

15-103 23159-00-00

TICKET

NO. 103752-0

FORM 1906 R-11

WELL NO. - FARM OR LEASE NAME H-7 Stahl		COUNTY Rooks	STATE Ks	CITY / OFFSHORE LOCATION	DATE 4-19-90
CHARGE TO Gene Brown Co		OWNER same	TICKET TYPE (CHECK ONE) SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/>		NITROGEN JOB YES <input type="checkbox"/> NO <input type="checkbox"/>
ADDRESS		CONTRACTOR Red Tiger	LOCATION 1 Haysks		CODE 25125
CITY-STATE-ZIP		SHIPPED VIA 3072 Pt	LOCATION 2		CODE
WELL TYPE 01	WELL CATEGORY 01	WELL PERMIT NO.	DELIVERED TO N.W. Pville	LOCATION 3	CODE
TYPE AND PURPOSE OF JOB 010		ORDER NO. B-904131	REFERRAL LOCATION		

As consideration, the above-named Customer agrees to pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists. Invoices payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event it becomes necessary to employ an attorney to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account. These terms and conditions shall be governed by the law of the state where services are performed or equipment or materials are furnished.

Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and customer's exclusive remedy in any cause of action (whether in contract, tort, product liability, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.

PRICE REFERENCE	SECONDARY REF OR PART NO.	A.O.C.	ACCOUNT	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
					QTY	MEAS	QTY	MEAS			
000-117		1		MILEAGE 3472 Pt	6	mi.			2.65	13	60
010-016		1		Pump Service	218	FT			475.00	475	00
030-503		1		LA-10 Plug	1	EA	8 3/8 IN		90.00	90	00
				TOTAL WEIGHT							

THIS IS NOT A BULK INVOICE

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. **B-904131**

WAS JOB SATISFACTORILY COMPLETED?

WAS OPERATION OF EQUIPMENT SATISFACTORY?

WAS PERFORMANCE OF PERSONNEL SATISFACTORY?

X **Thomas M. Brown**
CUSTOMER OR HIS AGENT (PLEASE PRINT)

X **[Signature]**
CUSTOMER OR HIS AGENT (SIGNATURE)

WE CERTIFY THAT THE FAIR LABOR STANDARDS ACT OF 1938, AS AMENDED HAS BEEN COMPLIED WITH IN THE PRODUCTION OF GOODS AND OR WITH RESPECT TO SERVICES FURNISHED UNDER THIS CONTRACT.

HALLIBURTON OPERATOR
A. J. W. A. H.

HALLIBURTON APPROVAL

CUSTOMER

SUB TOTAL

904 35

APPLICABLE TAXES - WILL BE ADDED ON INVOICE.