

SIDE ONE

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

Operator: License # 5635
Name: THE GENE BROWN COMPANY
Address 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

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
4-12-91 4-16-91 4-22-91
Spud Date Date Reached TD Completion Date

API NO. 15- 15-163,23158-00-00

County ROOKS
100 FT WEST OF
SE NE NW Sec. 17 Twp. 9 Rge. 18 East West

4290 Ft. North from Southeast Corner of Section
3070 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Lease Name STAHL Well # #6

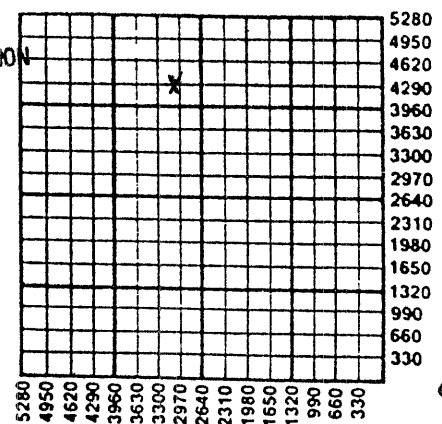
Field Name MCHALE

Producing Formation Arbuckle

Elevation: Ground 2085 KB 2090

Total Depth 3570 PBDT 3544

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JUN 24 1991
6-24-91
CONSERVATION DIVISION
Wichita, Kansas



6-26-91

Amount of Surface Pipe Set and Cemented at 224.15 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 1458 Feet

If Alternate II completion, cement circulated from 1458
feet depth to surface w/ 50 sks - 60/40
225 sks - lite sx 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 [Signature]
Title Development Supervisor Date 6-19-91

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

Notary Public [Signature]

Date Commission Expires May 27, 1991

NOTARY PUBLIC - State of Kansas
KATHY A. WISE
My Appt. Exp. 5-27-91

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 # #6
 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets.) 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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy.)	<p style="text-align: center;">Formation Description</p> <p style="text-align: center;"><input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample</p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Bottom</th> </tr> </thead> <tbody> <tr><td>Anhydrite</td><td>1454</td><td></td></tr> <tr><td>Topeka</td><td>3016</td><td></td></tr> <tr><td>Heebner</td><td>3224</td><td></td></tr> <tr><td>Toronto</td><td>3244</td><td></td></tr> <tr><td>LKC</td><td>3263</td><td></td></tr> <tr><td>Base KC</td><td>3486</td><td></td></tr> <tr><td>Arbuckle</td><td>3510</td><td></td></tr> </tbody> </table>	Name	Top	Bottom	Anhydrite	1454		Topeka	3016		Heebner	3224		Toronto	3244		LKC	3263		Base KC	3486		Arbuckle	3510	
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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 1/2"	8 5/8"	20	224.15	60-40POZ	135	2%GEL, 3%CC
PRODUCTION	7 7/8"	5 1/2"	14	3557	60-40POZ	160	2%GEL, 1/4# flo-seal
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)			Depth
4 per foot	3529-32			500g1 - 20% HCL			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size	Set At	Packer At					
2 7/8	3535	-					
Date of First Production	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)						
4-22-91							
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		
	40	-0-	100		19		

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 3529-32

ORIGINAL 23 158-00-00

FORM 1906 R-11

WELL NO. - FART OR LEASE NAME 6 stall	COUNTY Rooks	STATE Ks	CITY / OFFSHORE LOCATION	DATE 4-12-91
CHARGE TO Grane Brown Company	OWNER SAME	TICKET TYPE (CHECK ONE) SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
ADDRESS Plainville, Ks	CONTRACTOR Red Tiger	LOCATION 1 Hays, Ks	CODE 25525	
CITY, STATE, ZIP Plainville, Ks	SHIPPED VIA 51374 5252	LOCATION 2	CODE	
WELL TYPE 01	WELL CATEGORY 01	WELL PERMIT NO. B-909121	DELIVERED TO NW Plainville, Ks	LOCATION 3
TYPE AND PURPOSE OF JOB 010		ORDER NO.	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.	L O C.	ACCOUNT	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
					QTY	MEAS	QTY	MEAS			
000-117		1		MILEAGE	6	mi			2.60	15	60
001-016		1		Pump Service	228	fl.			475. ⁰⁰	475	00
030-503		1		Top Plug T-MO cap	1	EA	8 5/8	in.	90. ⁰⁰	90	00
<p>RECEIVED</p> <p>STATE CORPORATION COMMISSION</p> <p>JUN 24 1991</p> <p>CONSERVATION DIVISION</p> <p>Wichita, Kansas</p>											

SURFACE PIPE

NOTE

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO.

B-909121

904 35

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 David M. D...
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.

G. Palmberg
HALLIBURTON OPERATOR

HALLIBURTON APPROVAL _____

CUSTOMER

SUB TOTAL

APPLICABLE TAXES WILL BE ADDED ON INVOICE.

FORM 1906 R-11

WELL NO. - FARM OR LEASE NAME #1 Stahl		COUNTY Rooks	STATE Ks	CITY / OFFSHORE LOCATION	DATE 4-16-91
CHARGE George Brown Co.		OWNER SAME	TICKET TYPE (CHECK ONE) SERVICE <input type="checkbox"/> SALES <input type="checkbox"/>		NITROGEN JOB YES <input type="checkbox"/> NO <input type="checkbox"/>
ADDRESS		CONTRACTOR Red Tiger 25525	LOCATION 1 Nays Ks		CODE 22225
CITY, STATE, ZIP		SHIPPED VIA 51374 Pt.	FREIGHT CHARGES PPD <input type="checkbox"/> COLLECT <input type="checkbox"/>	LOCATION 2	
WELL TYPE 01	WELL CATEGORY 01	WELL PERMIT NO.	DELIVERED TO N.W. Plainville Ks	LOCATION 3	
TYPE AND PURPOSE OF JOB 035		ORDER NO. B-904127	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.	L O C	ACCOUNT	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
					QTY	MEAS	QTY	MEAS			
000-117		1		MILEAGE 51374	6	mi			2.60	15	60
001-016		1		pump service	3357	ft			1240.00	1240	00
73	813.01504	1		F.O. multiple sty cables	1	EA			1610.00	1610	00
12A	435 725	1		Reg grade slite	1	EA			105.00	105	20
34A	812 14311	1		Logart flange valve	1	EA			83.00	83	00
27	813.11211	1		Fill up boat	1	EA			30.00	30	20
40	803.93022	1		concrete bucket 24	6	EA			41.00	246	00
220	803 445	1		concrete bucket	1	EA			90.00	90	00
030 018		1		Swager Plug	1	EA	5/12		60.00	60	00

NOT A HALLIBURTON ORIGINAL

RECEIVED
STATE CORPORATION COMMISSION
JUN 24 1991
CONSERVATION DIVISION
Wichita, Kansas

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. **B-904127** 1040.35

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.

A. F. Worth
HALLIBURTON OPERATOR

HALLIBURTON APPROVAL _____

CUSTOMER _____

SUB TOTAL
APPLICABLE TAXES WILL BE ADDED ON INVOICE.

DISTRICT HAYS, KANSAS DATE 4-19-91

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: The Gene Brown Company (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 6 LEASE STARK SEC. _____ TWP. _____ RANGE _____
FIELD _____ COUNTY ROCKS STATE KANSAS OWNED BY Same

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME _____ TYPE _____
FORMATION THICKNESS _____ FROM _____ TO _____
PACKER: TYPE F.O. @ 1458 SET AT _____
TOTAL DEPTH 3544 MUD WEIGHT _____
BORE HOLE TOCC 3533
INITIAL PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF _____
PRESENT PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING			<u>5 1/2</u>			
LINER						
TUBING			<u>2 7/8</u>		<u>1458</u>	
OPEN HOLE						SHOTS/FT.
PERFORATIONS				<u>3538</u>	<u>3541</u>	
PERFORATIONS				<u>3529-</u>	<u>3532</u>	
PERFORATIONS						

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED
Consent F.O. @ 1458 w/ 275 sls H₂O. 45 cmt w/ 1/4" floccula for and 50 sls 60/40 P. w/ 2% Gel and 3% CC" Sp Perfs w/ 25 sls com w/ 1% of 1% of Nalco 9 25 sls com.
cmt cip to P.t. ACIDIZE w/ 500 gal DSE

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
- 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.
 - 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:
 - 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.
 - Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
 - 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.
 - 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.
 - That 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 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.
 - 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.
 - To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law.
 - That this contract shall be governed by the law of the state where services are performed or materials are furnished.
 - 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.

JUN 24 1991

CONSERVATION DIVISION
Wichita, Kansas

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

SIGNED [Signature] CUSTOMER

DATE 4-19-91

TIME 8:15 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