

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

Operator: License # 5537
Name ..Kenny Brown Enterprises.....
Address ..401 North Washington.....
P. O. Box 340
City/State/Zip Plainville, Kansas

Purchaser.....Farmland Industries, Inc.
.....

Operator Contact Person ..Kenny Brown.....
Phone ..913-434-7236.....

Contractor: License # 5302
Name ..Red Tiger Drilling Company.....

Wellsite Geologist ..Ron Nelson.....
Phone.....913-628-3449.....

Designate Type of Completion

New Well Re-Entry Workover

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

If OWWO: old well info as follows:

Operator ..
Well Name ..
Comp. Date ..Old Total Depth.....

WELL HISTORY

Drilling Method:

Mud Rotary Air Rotary Cable

8/24/89 8/30/89 9-12-89
.....
Spud Date Date Reached TD Completion Date

3,515' 3176'
.....
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 211 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set.....feet
If alternate 2 completion, cement circulated
from 3513.....feet depth to surface w/ 500 SX cmt
Cement Company Name Halliburton Services
Invoice # 835881
9-16-89

API NO. 15-163-23,057-0000
County...Rooks
50' W
NE/4 SW/4 NE/4 Sec. 16 Twp. 10S Rge. 16W East West

3630 Ft North from Southeast Corner of Section
17.0 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

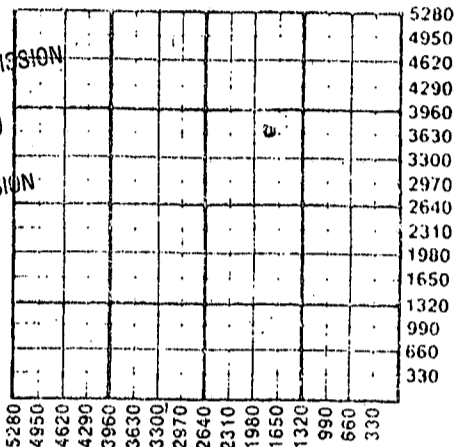
Lease Name.....Kenny Brown Well # 1

Field Name.....Natoma Northwest

Producing Formation.....Toronto & LKC

Elevation: Ground.....1933' 1938' KB

Section Plat



RECEIVED
CORPORATION COMMISSION
9-25-89
SEP 25 1989
CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Disposition of Produced Water: CD-12799 (C-19733) -X
Docket # Disposal Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717
Source of Water:
Division of Water Resources Permit #.....
 Groundwater.....Ft North from Southeast Corner (Well)Ft West from Southeast Corner of Sec Twp Rge East West
 Surface Water 1000 Ft North from Southeast Corner (Stream, pond etc.) 800 Ft West from Southeast Corner Sec 28 Twp 9S Rge 16 East West Alfred Becker Natoma, Ks.
 Other (explain).....
(purchased from city, R.W.D. #)

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. 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.

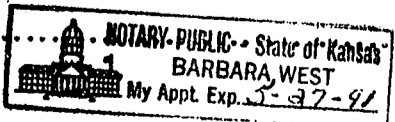
Signature ..*Jack E. Brown*.....

Title.....Office Manager..... Date 9-22-89

Subscribed and sworn to before me this 22nd day of September 1989.

Notary Public.....Barbara West.....

Date Commission Expires.....



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
 Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

X

SIDE TWO

Operator Name Kenny Brown Enterprises Lease Name..... Kenny Brown Well #..... 1

Sec..... 16 Twp..... 10S Rge..... 16W East West County..... Rooks

WELL LOG

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
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

	Name	Top	Bottom
Test # 1-DST @ 3048'-3145'-Recovery: 90' gassy oil cut mud 25% oil, 10% water, 10% gas, 55% mud ISP 434# FSP 326#	Anhydrite	1109'	+ 829
	Base	1146'	+ 792
Test # 2-Run DST @ 3165'-3200-Recovery: 480' water, no oil ISP 676# FSP 667#	Topeka	2817'	- 879'
	Heebnor	3049'	-1111'
	Toronto	3071'	-1133'
	LKC	3092'	-1154'
	Base	3341'	-1403'
Test # 3-Run DST @ 3264'-3328'-Recovery: 40' watery mud w/few specks of oil, OSP 891# FSP 835#	Conglomerate	3416'	-1478'
	Arbuckle	3468'	-1530'
	TD	3515'	

CASING RECORD <input checked="" 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"	20#	218'	60/40 Poz	140	3%CC, 2%Gel
Production	7 7/8"	5 1/2"		3,513'	Lite	300	
(Bolt Plug set @ 3176')						EA2	150
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)			Depth
1 hole ea.	3307'	3198'	3133, 3109', 3097'	Acid 15% reg. 2000 gal each zone			
	3075'			(.12000 gal total.)			
TUBING RECORD ₂ 3/8 size		Set At	Packer at	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
		3173					
Date of First Production		Producing Method					
9-12-89		<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	Gas	Water	Gas-Oil Ratio		Gravity	
	7.50 Bbls	MCF	20.0 Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed
 Conningled

Hays, Ks

DATE 8-30-89

HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE

SAME AS AN INDEPENDENT CONTRACTOR TO Kenny Brown Enterprises (CUSTOMER)
DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 1 LEASE K. Brown SEC. 16 TWP. 10 S RANGE 16 W

FIELD Abilene NW COUNTY Rooks STATE Kansas OWNED BY KBE

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME: _____ TYPE _____
FORMATION THICKNESS: _____ FROM _____ TO _____
CHECKER TYPE: _____ SET AT _____
TOTAL DEPTH: 3515 MUD WEIGHT: 7.5
CORE HOLE: 7 7/8
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		155	5 1/2		3511	
LINER	RECEIVED					
TUBING	STATE CORPORATION COMMISSION					
OPEN HOLE	SEP 25 1989		7 7/8	3511	3515	SHOTS/FT.
PERFORATIONS	PERFORATION DIVISION					
PERFORATIONS	Hitchita, Kansas					
PERFORATIONS						

PREVIOUS TREATMENT: DATE: _____ TYPE: _____ MATERIALS: _____

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED _____
Cement Production 05 g/gal
350 sls Ecocrete at 14" Fluorite 1 sk &
150 sls EA-2 at 12 1/4" Silbark 1 sk

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

In 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 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 unreasonableness 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 personnel who 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 all 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 held liable for any damages or modifications in the services except where such damages or modifications are in writing and are duly authorized in writing by an 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 Kenny Brown CUSTOMER

DATE 8-30-89

TIME 2:30 A.M. P.M.

I 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

JOB LOG

WELL NO. 1 LEASE K. Brown TICKET NO. 835881
 CUSTOMER Kenny Brown Enterprises PAGE NO. 1
 JOB TYPE Production Casing DATE 8-30-89

TIME	RATE (BPM)	VOLUME (BBL GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
			T	C	TUBING	CASING	
1530							Cracked out
2030							On location Logging
1100							Set up Equipment Start 5/2 Csg in hole Centralizers - 1, 4, 7, 10, 13 & 76 JTS Baskets - 1, 9, 15 & 76 JTS Csg on bottom, PROF BALL Rig up to csg. Start Circulating
0210					700		Ball through Inset Float Circulating
0215							Hook up To pump truck Start mixing cement 350 sks Evonulite 1/4" Floccle 150 sks EA-2 w/ 12/6" Gilsomite Cement mixed
330							Wash out pump & line Start displacement
335							Cement circulated to surface
340		53 84.5			1200		Plug down Release Pressure - Float Head Close w/c well head
							Wash up & Break up Job completed
							Thank you, Steve Jimmy Alan & Ron
							Cure Approx 50 sks top of

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 STATE CORPORATION COMMISSION
 SEP 25 1989
 CONSERVATION DIVISION
 Wichita, Kansas

8 Haliburton 71469 K. Dunkel B 2150
 2 WORTH 26141 D. R. ...

BULK MATERIALS DELIVERY AND TICKET CONTINUATION

FOR INVOICE AND TICKET NO. 835887



DATE 8-29-89	CUSTOMER ORDER NO.	WELL NO. AND FARM K. Brown #1	COUNTY Rooks	STATE Kansas
BUYER K. Brown Enterprises		OWNER Same	CONTRACTOR Red Tiger	
ADDRESS Plainville, Ks		DELIVERED FROM Hays, Ks	LOCATION CODE 50325	PREPARED BY Kuhn
CITY & STATE Plainville, Ks		DELIVERED TO S/E Plainville, Ks	TRUCK NO. 3703 51252	RECEIVED BY Palmberg

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE L D	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
				QTY.	MEAS.	QTY.	MEAS.			
504-308	516.00261	1 B	Standard Cement	150				5.45	817	50
			350 Cu. Ft. Pozmix Cement 10% Gel							
504-308	516.00261	1 B	Standard Cement	228				5.45	1,242	60
506-105	516.00286	1 B	Pozmix 'A'	122				2.88	351	36
506-121	516.00259	1 B	6sk Halliburton Gel @2%							n/e
507-277	516.00259	1 B	Halliburton Gel @8%	24				13.00	312	00
507-285	70.15250	1 B	Econelite Blended	600	lb			.80	480	00
509-968	516.00315	1 B	Salt Blended	1170	lb			.073	85	41
508-291	70.155273	1 B	Gilsonite Blended	1900	lb			.35	665	00
508-127	890.50131	1 B	Cal Seal Blended					14.60	102	20
507-210	890.50071	1 B	Flocele Blended	88	lb			1.21	106	48
THIS IS NOT AN INVOICE										
			Returned Mileage Charge	TOTAL WEIGHT	LOADED MILES	TON MILES				
			SERVICE CHARGE ON MATERIALS RETURNED				CU. FEET			
500-207		1 B	SERVICE CHARGE				564	.95	535	80
500-306		1 B	Mileage Charge	52,008	10		260.040	.70	182	03
			TOTAL WEIGHT		LOADED MILES	TON MILES				
B	718444				CARRY FORWARD TO INVOICE		SUB-TOTAL		4,880	38