

ORIGINAL

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 # 5537

Name: Kenny Brown Enterprises

Address Drawer #340

City/State/Zip Plainville, Kansas 67663

Purchaser: _____

Operator Contact Person: Kenny Brown

phone (913) 434-7236

Contractor: Name: Western Kansas Drilling, Inc.

License: 4083

Wellsite Geologist: Ron Nelson

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp. Abd.

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

RECEIVED
STATE CORPORATION COMMISSION
5-2-91
MAY 02 1991
CONSERVATION DIVISION
Wichita, Kansas

API NO. 15- 163-23,166-6000

County Rooks

SE NW SE Sec. 16 Twp. 10 Rge. 16 XX East West

1370' Ft. North from Southeast Corner of Section

1730' Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

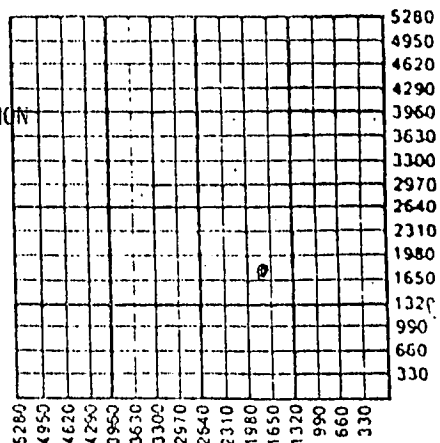
Lease Name K. Brown Well # 6

Field Name Conger

Producing Formation _____

Elevation: Ground 2061' KB 2066'

Total Depth 3218' PBTD 3500' NA



Amount of Surface Pipe Set and Cemented at 207' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

If **OWO**: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

4-13-91 4-17-91 4-17-91

Spud Date Date Reached TD Completion Date

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 Wanda E Brown

Title Office Manager Date 4-23-91

Subscribed and sworn to before me this 23rd day of April 19 91.

Notary Public Barbara Wist



Date Commission Expires _____

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

PI

SIDE TWO

Operator Name Kenny Brown Enterprises Lease Name K. Brown Well # 6
 Sec. 16 Twp. 10 Rge. 16 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.)

Name	Formation Description	
	Top	Bottom
Anhydrite	1249'	+ 817'
Base	1287'	+ 779'
Topeka	2958'	- 888
Heebner		

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	28#	207'	60/40 poz	145	3%cc 2%gel

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

TUBING RECORD Size _____ Set At _____ Packer At _____ Liner Run Yes No

Date of First Production _____ Producing Method Flowing Pumping Gas Lift Other (Explain) _____
 Estimated Production Per 24 Hours
 Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)
 METHOD OF COMPLETION: Open Hole Perforation Dually Completed Conningled
 Other (Specify) _____
 Production Interval _____

ORIGINAL

15-163-23166-0000

DRILLER'S LOG

Operator: Kenny Brown Enterprises

Contractor: Western Kansas Drilling, Inc.

Well & Well Description: K. Brown #6
SE-NW-SE 16-10-16 Rooks County, Kansas

Commenced: 4-13-91

Completed: 4-17-91

Character of Well: D & A

Elevation: 2061' GL 2066' KB

Casing: Ran 5 jts. of 8 5/8 set @ 207'

Figures Indicate Bottom of Formations

0' - 1249' Sand & Shale

1249' - 1287' Anhy.

1287' - 1915' Sand & Shale

1915' - 2644' Shale

2644' - 3218' Lime & Shale

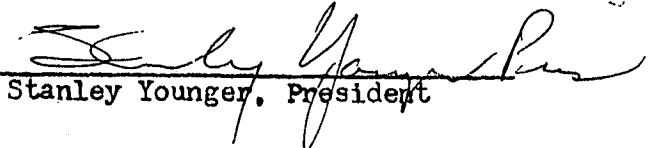
RECEIVED
STATE CORPORATION COMMISSION

MAY 02 1991

CONSERVATION DIVISION
Wichita, Kansas

State of Kansas)
County of Ellis) ss:

I Stanley Younger, President of Western Kansas Drilling, Inc.
upon oath state that the above and foregoing is a true and correct copy of
the log of the K. Brown #6


Stanley Younger, President

DISTRICT HAYS

DATE 4-17-91

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

WELL NO. 6 LEASE K. BROWN SEC. 16 TWP. 10 RANGE 16

FIELD _____ COUNTY ROCKS STATE KS OWNED BY SAME

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME	TYPE	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING				8 5/8	KB	207	
LINER							
TUBING							
OPEN HOLE				7 7/8	207	3218	SHOTS/FT.
PERFORATIONS							
PERFORATIONS							
PERFORATIONS							

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED
PLUG TO ABANDON w/ 190 SKS @ 1/40 POZ 6 1/2 GEL 3 1/2 SC
25 SKS @ 1260'
100 SKS @ 770' w/ 15K FLUCEL
40 SKS @ 250'
10 SKS @ 40'
15 SKS @ RATHOLE

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 higher of the 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 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.
- 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 NAME AS CUSTOMER'S AGENT.

SIGNED _____ CUSTOMER

DATE 4-17-91 RECEIVED STATE CORPORATION COMMISSION

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.

TIME 6:15 AM/PM

CUSTOMER

MAY 02 1991

CONSERVATION DIVISION Wichita, Kansas

ORIGINAL

HALLIRURTON SERVICES
JOB LOG

WELL NO. 6 LEASE K. BROWN TICKET NO. 080223
CUSTOMER K. B. E. PAGE NO. 1
JOB TYPE P.T.A. DATE 4-17-91

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1730							ON LOC w/ EQUIP SET UP & PLAN JOB TO P.T.A. w/ 190 SKS 60/40 PIZ 6% GEL 3% CC RIG LAYING DOWN D.C.'s RIG @ 1260' w D.P. RIG SHOOK-UP & CIRC HOOK UP TO A.P. @ 1260' PUMP H ₂ O SPACER MIX & PUMP 25 SKS CMT PUMP H ₂ O SPACER PUMP MWD TO BALANCE FLAKE PLUG KNOCK LOOSE RIG LAY DOWN D.P. HOOK UP TO D.P. @ 770' PUMP H ₂ O SPACER MIX & PUMP 10 SKS CMT BLEND IN 1SK FLUCELE PUMP H ₂ O SPACER KNOCK LOOSE RIG LAY DOWN D.P. HOOK UP TO D.P. SET @ 250' MIX & PUMP 40 SKS CMT PUMP 1/2 BISE H ₂ O SPACER KNOCK LOOSE RIG LAY DOWN D.P. MIX & PUMP 10 SKS @ 40' MIX & PUMP 15 SKS @ 2470'
			5 W					
			6 CMT					
			2 W					
			16 MWD					
			3 W					
			27 CMT					
			2 1/2 W					
	1915							
			11 CMT					
	1935							
			2 1/2 CMT					
			4 CMT					
	2015							JOB COMPLETE

Alan Gabel

RECEIVED
STATE CORPORATION COMMISSION

MAY 02 1991

CONSERVATION DIVISION
Wichita, Kansas

MEL CHLOERS
ALAN GABEL

CUSTOMER



HALLIBURTON SERVICES

JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

Wichita, Kansas
11015

BILLED ON TICKET NO. 040228

FIELD _____ SEC. 16 TWP. 10 RING. 16 COUNTY Rooks STATE Ks

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ FROM _____ TO _____

INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD _____

PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD _____

COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____

PACKER TYPE _____ SET AT _____

BOTTOM HOLE TEMP. _____ PRESSURE _____

MISC. DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING			8 1/2 x	100	207	
LINER						
TUBING			7 7/8	207	3218	SHOTS/FT.
OPEN HOLE						
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>4-17-91</u>	DATE <u>4-17-91</u>	DATE <u>4-17-91</u>	DATE <u>4-17-91</u>
TIME <u>1530</u>	TIME <u>1730</u>	TIME <u>1820</u>	TIME <u>2015</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>M. C. ...</u>	<u>3472</u>	<u>...</u>
<u>A. G. ...</u>	<u>1530 BT</u>	<u>JAYS</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER		

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB./GAL. API

DISPL. FLUID _____ DENSITY _____ LB./GAL. API

PROP. TYPE _____ SIZE _____ LB.

PROP. TYPE _____ SIZE _____ LB.

ACID TYPE _____ GAL. _____ %

ACID TYPE _____ GAL. _____ %

ACID TYPE _____ GAL. _____ %

SURFACTANT TYPE _____ GAL. _____ IN

NE AGENT TYPE _____ GAL. _____ IN

FLUID LOSS ADD. TYPE _____ GAL.-LB. _____ IN

GELLING AGENT TYPE _____ GAL.-LB. _____ IN

FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN

BREAKER TYPE _____ GAL.-LB. _____ IN

BLOCKING AGENT TYPE _____ GAL.-LB. _____ IN

PERFPAC BALLS TYPE _____ QTY. _____

OTHER _____

OTHER _____

DEPARTMENT CEMENT

DESCRIPTION OF JOB PLUG TO ABANDON

JOB DONE THRU: TUBING CASING ANNULUS TBC./ANN.

CUSTOMER REPRESENTATIVE X

HALLIBURTON OPERATOR M. ... COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	TYPE	API CLASS	BRAND	BULK SACKED	ADDITIVES	YIELD CU. FT./SK.	MIXED LBS./GAL.
	<u>190</u>	<u>60/100</u>	<u>A</u>	<u>Poz</u>	<u>R</u>	<u>6% GEC 3% CC</u>	<u>1.53</u>	<u>13.1</u>

PRESSURES IN PSI	SUMMARY	VOLUMES
CIRCULATING _____ DISPLACEMENT _____	PRESLUSH: BBL.-GAL. _____ TYPE _____	
BREAKDOWN _____ MAXIMUM _____	LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____	
AVERAGE _____ FRACTURE GRADIENT _____	TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. _____	
SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____	CEMENT SLURRY: BBL.-GAL. _____	
HYDRAULIC HORSEPOWER _____	TOTAL VOLUME: BBL.-GAL. _____	
ORDERED _____ AVAILABLE _____ USED _____	REMARKS _____	
AVERAGE RATES IN BPM _____		
TREATING _____ DISPL. _____ OVERALL _____		
CEMENT LEFT IN PIPE _____		
FEET _____ REASON _____		

RECEIVED STATE CORPORATION COMMISSION

MAY 02 1991

CUSTOMER: K. B. E.
LEASE: K. B. E.
WELL NO.: 6
JOB TYPE: 27A
DATE: 4-17-91