

ORIGINAL → *DA 10-17-90*

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 401 N. Washington, Drawer 340

City/State/Zip Plainville, KS 67663

Purchaser: \_\_\_\_\_

Operator Contact Person: Kenny Brown

Phone (913) -434-7236

Contractor: Name: Emphasis Oil Operations

License: 8241

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.)

If OWMO: old well info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Drilling Method:

Mud Rotary \_\_\_ Air Rotary \_\_\_ Cable

8/17/90 8/24/90 8-31-90

Spud Date Date Reached TD Completion Date

API NO. 15- 163-21,733-0001

County Rooks

100' S of NE SE NW ✓ East  
Sec 16 Twp. 10S Rge. 16 x West

3530 ✓ Ft. North from Southeast Corner of Section

2970 ✓ Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

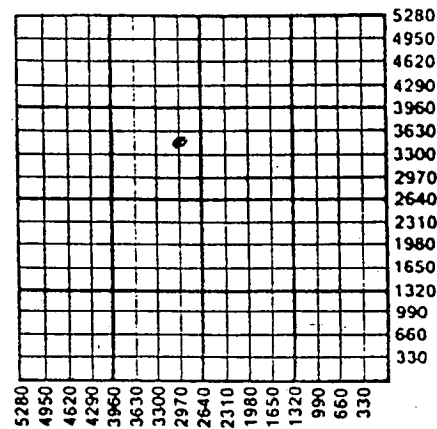
Lease Name K. Brown "OWWO" ✓ Well # 7

Field Name Netoma N/W

Producing Formation LKC

Elevation: Ground 2051' KB 2056'

Total Depth 3532' PBTD 3517'



*10-17-90*

Amount of Surface Pipe Set and Cemented at 290 prv. set Feet

Multiple Stage Cementing Collar Used? \_\_\_ Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from 3530'

feet depth to Surface w/ 500 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.

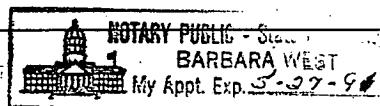
Signature Kenny E Brown

Title Office Manager Date 10-9-90

Subscribed and sworn to before me this 9th day of October, 19 90.

Notary Public Barbara West

Date Commission Expires \_\_\_\_\_



K.C.C. OFFICE USE ONLY  
F \_\_\_ Letter-of-Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Timelog Received  
10-11-90  
DCT 11 1990  
KCC \_\_\_ SWD/Rep \_\_\_ NGPA  
KGS \_\_\_ Plug \_\_\_ Other (Specify)

**SIDE TWO**

Operator Name Kenny Brown Enterprises Lease Name K. Brown "OWWO" Well # 7

Sec. 16 Twp. 10S 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 (Attach Additional Sheets.) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 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	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="3" style="text-align: center;">Formation Description</th> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/> Log</td> <td colspan="2" style="text-align: center;"><input type="checkbox"/> Sample</td> </tr> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Bottom</th> </tr> <tr> <td>Anhydrite</td> <td>1237'</td> <td>+ 824</td> </tr> <tr> <td>Base Anhydrite</td> <td>1275'</td> <td>+ 786</td> </tr> <tr> <td>Topeka</td> <td>2947'</td> <td>- 886'</td> </tr> <tr> <td>Heebnor</td> <td>3180'</td> <td>- 1119'</td> </tr> <tr> <td>Toronto</td> <td>3201'</td> <td>- 1140'</td> </tr> <tr> <td>LKC</td> <td>3222'</td> <td>- 1161'</td> </tr> <tr> <td>BKC</td> <td>3471'</td> <td>- 1410'</td> </tr> <tr> <td>T.D.</td> <td>3532'</td> <td>- 1471'</td> </tr> </table>	Formation Description			<input type="checkbox"/> Log	<input type="checkbox"/> Sample		Name	Top	Bottom	Anhydrite	1237'	+ 824	Base Anhydrite	1275'	+ 786	Topeka	2947'	- 886'	Heebnor	3180'	- 1119'	Toronto	3201'	- 1140'	LKC	3222'	- 1161'	BKC	3471'	- 1410'	T.D.	3532'	- 1471'
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**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		8 5/8"		290'	previously set		
Production		5 1/2"	15.5	3530'	Econo-lite	350	1/4 # per sk. flocc.
					EA-2	150	2 1/2# per sk.

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record Gilsoni (Amount and Kind of Material Used)		Depth
		Amount	Kind	
Limited	3461, 3434, 3409, 3385, 3258,	14000 gal	15% reg. acid	
Entry	3223, 3205	2000 gal	per zone	

<b>TUBING RECORD</b>	Size <u>2 3/8"</u>	Set At <u>3514'</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First Production 9-7-90 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil <u>4</u> Bbls.	Gas Mcf	Water <u>24</u> Bbls.	Gas-Oil Ratio	Gravity
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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 \_\_\_\_\_

EMPHASIS OIL OPERATIONS

P. O. BOX 506  
RUSSELL, KS 67665

DRILLERS LOG

OPERATOR: Kenny Brown Enterprises  
401 N. Washington, Drawer 340  
Plainville, Kansas 67663

CONTRACTOR: Emphasis Oil Operations  
Box 506  
Russell, KS 67665

LEASE: K. Brown "OWWO" WELL #7

LOCATION: 100' S of NE SE NW  
Section 16-10S-16W  
Rooks County, Kansas

ROTARY TOTAL DEPTH: 3532'

ELEVATION: 2056' K.B.

COMMENCED: 8/17/90

COMPLETED: 8/24/90

CASING: 8-5/8" @ 290' Previously Set  
5-1/2 @ 3530' w/350 sks of Echno-Lite plus  
150 sks EA-2

STATUS: Oil Well

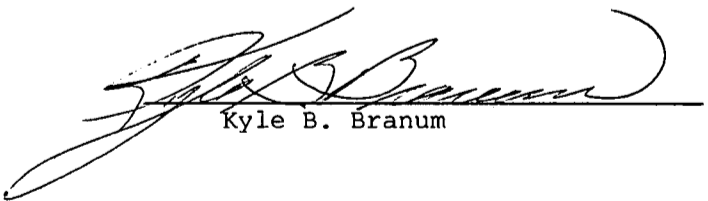
DEPTHS & FORMATIONS

(All measurements from K.B.)

Open Hole & Cement Plug	884'	Toronto	3201'
Anhydrite	1237'	Lansing-Kansas City	3222'
Topeka	2947'	Base Kansas City	3471'
Heebner	3180'	R.T.D.	3532'

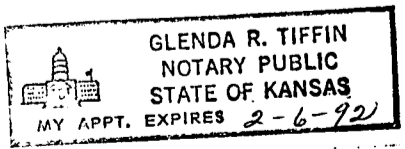
STATE OF KANSAS )  
                                  ) ss  
COUNTY OF RUSSELL)

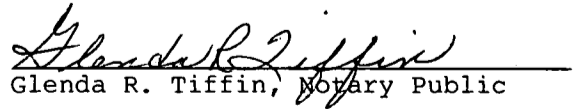
Kyle B. Branum, of Emphasis Oil Operations, states that the above and foregoing is a true and correct log of the above captioned well, to the best of his knowledge.

  
Kyle B. Branum

Subscribed and sworn to before me on August 27, 1990.

My commission expires: February 6, 1992.



  
Glenda R. Tiffin, Notary Public

15-463-21733-0001

ORIGINAL



WORK ORDER CONTRACT AND PRE-TREATMENT DATA

ATTACH TO INVOICE & TICKET NO. 006937

DISTRICT Hwy 105

DATE 8-24-90

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. 7 LEASE K. Brown SEC. 16 TWP. 103 RANGE 16W

FIELD \_\_\_\_\_ COUNTY Rooks STATE KS OWNED BY SOME

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME \_\_\_\_\_ TYPE \_\_\_\_\_  
FORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_  
PACKER: TYPE \_\_\_\_\_ SET AT \_\_\_\_\_  
TOTAL DEPTH 3532 MUD WEIGHT \_\_\_\_\_  
BORE HOLE \_\_\_\_\_  
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>	<u>KE</u>	<u>3-10</u>	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE \_\_\_\_\_ TYPE \_\_\_\_\_ MATERIALS \_\_\_\_\_  
TREATMENT INSTRUCTIONS: TREAT THRU TUBING  ANNULUS  CASING  TUBING/ANNULUS  HYDRAULIC HORSEPOWER ORDERED \_\_\_\_\_

WANT 5 1/2 production string w/ 350 SK Econalite w/ 1/4# Floclde/sk  
30 SK EA-2 w/ 1242# Gilsontite/sk

AS Directed

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

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 not 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 surface formation or well or any subsurface or surface growth) out of or in any way connected with or resulting from the well or subsurface pressure, casing control, of the well and/or a well blowout or the use of any service material.

The release, indemnity, release and hold harmless obligations of Customer provided for in the Section (a) and Section (b) and Section (c) below shall apply to claims of liability even if caused or contributed to by Halliburton's negligence or 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.

Not 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 product, services or materials nor the results of any treatment or service, nor the accuracy of any chart, interpretation, reservoir analysis, job recommendation or other data furnished by Halliburton or Halliburton personnel. It is the 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.

Halliburton warrants only the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES EXPRESS OR IMPLIED, MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and Customer's exclusive remedy in any event of action, whether in contract, tort, breach of warranty or otherwise arising out of or in a 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.

The 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 the 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 to machine operations, Customer shall, in addition to the foregoing be fully responsible for loss or damage to any of Halliburton's equipment, tools or instruments which occur at any time after delivery to Customer at the landing unit returned to the company, unless such loss or damage is caused by the sole negligence of Halliburton.

The Halliburton provisions of the Defective Trade Products - Consumer Protection Act to the extent permitted by law.  
The Halliburton provisions shall be governed by the laws of the state where services are performed or rendered.  
This contract 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 [Signature] CUSTOMER

DATE 8-24-90

TIME \_\_\_\_\_ A.M. P.M.

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

CUSTOMER

**JOB LOG**

WELL NO. 7 LEASE K Brown TICKET NO. 006057  
 CUSTOMER Kenny Brown Enterprises PAGE NO. **ORIGINAL**  
 JOB TYPE Concrete 5 1/2 casing DATE 8-24-90

FORM BR-2

TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
			T	C	TUBING	CASING	
14:13							Call out on location
14:15							Big cement circulating hole
14:50							Start Lining DP down Set up equipment - Discuss Job Direct Contractor on 1-4-7-10-11-72 JT Direct Contractor on 5-9-11-72 JT
20:15							Hook up to Circulate Hook up to mix cement
20:15	7				400		START mixing cement
21:20	7	2.07					Finish mixing cement Wash Pump & Lines - Drop plug
21:33	6						Start Displacement
		30					Finish Displacement
21:40							plug down float held Circulate cement 2500
22:15							Job Complete

DL Mitchell 41235  
 H. W. Smith 26101  
 M. Childers B7383  
 W. E. Smith 51261  
 G. P. Boring 41239

OCT 11 1990