

**AMENDED**

**ORIGINAL COPY**

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 # 04680  
Name: American Exploration Co.  
Address 2100 NCNB Center  
Houston, Texas 77002  
City/State/Zip Houston, Texas 77002  
Purchaser: KN Energy

Operator Contact Person: Marty B. McClanahan  
Phone (713) 220-8251

Contractor: Name: Unknown  
License: \_\_\_\_\_

Wellsite Geologist: Unknown

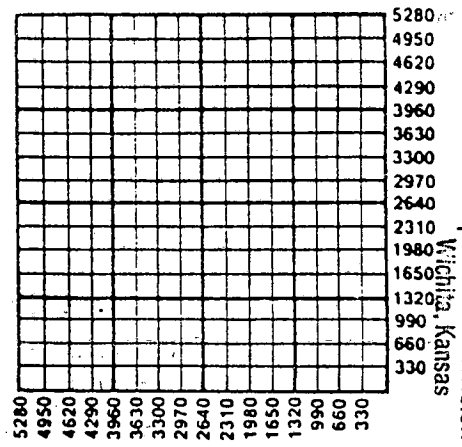
Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  Temp. Abd.  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply, etc.)

If **OWMO**: old well info as follows:  
Operator: Livingston Oil Co.  
Well Name: HCU 3030-D  
Comp. Date 9/17/60 Old Total Depth 2463

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
Livingston Oil Co.

Spud Date 9/3/60 Date Reached TD 9/7/60 Completion Date 9/17/60

API NO. 15- 075-00027-0001  
County Hamilton  
C SW/4 Sec. 30 Twp. 23 Rge. 40  East  West  
1250 Ft. North from Southeast Corner of Section  
4030 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)  
Lease Name HCU Well # 3030-D  
Field Name Bradshaw  
Producing Formation Clearfork  
Elevation: Ground 3363.6 KB  
Total Depth 2463 PBD 2440



Amount of Surface Pipe Set and Cemented at 94' Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 94  
feet depth to Surface w/ 125 sx cmt.

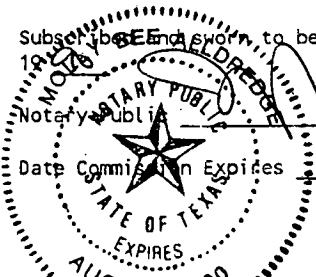
RECEIVED  
STATE CORPORATION COMMISSION  
DEC 7 2000

**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 Marty B. McClanahan  
Title Sr. Production Analyst Date 7/30/90

Subscribed and sworn to before me this 30th day of July.  
Notary Public John B. Bullard  
Date Commission Expires \_\_\_\_\_



**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)

ORIGINAL

SIDE TWO

Operator Name American Exploration Co. Lease Name HCU Well # 3030-D  
 Sec. 30 Twp. 23 Rge. 40  East  West  
 County Hamilton

**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.

<p>Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets.)</p> <p>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Submit Copy.)</p>	<p style="text-align: center;"><b>Formation Description</b></p> <p><input type="checkbox"/> Log <input type="checkbox"/> Sample</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;">Name</th> <th style="width: 20%;">Top</th> <th style="width: 20%;">Bottom</th> </tr> </thead> <tbody> <tr> <td>Herrington</td> <td style="text-align: center;">2200</td> <td></td> </tr> <tr> <td>Clearfork</td> <td style="text-align: center;">2106</td> <td style="text-align: center;">2200</td> </tr> </tbody> </table>	Name	Top	Bottom	Herrington	2200		Clearfork	2106	2200
Name	Top	Bottom								
Herrington	2200									
Clearfork	2106	2200								

<b>CASING RECORD</b> <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	94	Class C	125	2% CaCl
Prod.	8-3/4	4-1/2	9.5	2463	Howco Lt.	500+	2% CaCl
						200	
<b>PERFORATION RECORD</b>				<b>Acid, Fracture, Shot, Cement Squeeze Record</b>			
Shots Per Foot	Specify Footage of Each Interval Perforated			Amount and Kind of Material Used			Depth
2	2106-2126			8,000 gal 3% Acid			
<b>TUBING RECORD</b>				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size	Set At	Packer At					
2-3/8	2092	2089					
Date of First Production	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) Injection						
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  Commingled

Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_