

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 # 6408  
Name W.K. BLACK, INC.  
Address P.O. BOX 801  
City/State/Zip PRATT, KANSAS 67124

Operator Contact Person DARLENE BUTTS  
Phone 316-672-5712

Contractor: License # 5829  
Name ALDEBARAN DRILG. CO., INC.

Wellsite Geologist JIM DILTS  
Phone 316-263-7092

PURCHASER: INLAND PURCHASING & TRANS.  
104 S. BROADWAY, WICHITA, KS. 67202

Designate Type of Completion

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

If OWNED: old well info as follows:

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

WELL HISTORY

Drilling Method:

- Mud Rotary  Air Rotary  Cable

2-11-86 2-22-86 3-8-86  
Spud Date Date Reached TD Completion Date  
..... 4404 .. 4365 ..  
Total Depth PBD

Amount of Surface Pipe Set and Cemented at.. 249 feet

Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set..... feet

If alternate 2 completion, cement circulated  
from..... feet depth to..... w/..... SX cmt

API NO. 15-151,21,766-00-00  
County PRATT  
100W of  
NE SW NW ..... Sec. 9 Twp. 27 Rge. 12  East  West

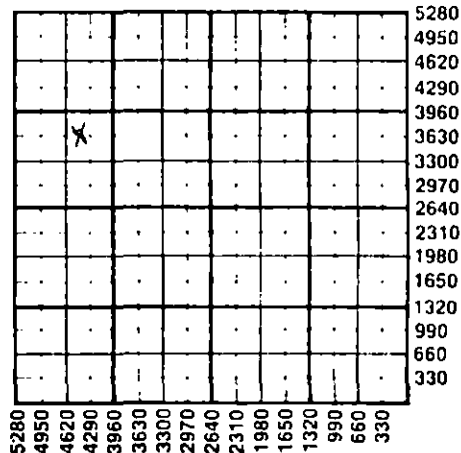
3630 Ft North from Southeast Corner of Section  
4390 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name STUDER, "A" Well # 4  
Miss. Common Sources of Supply in  
Field Name Grimes Field

Producing Formation Mississippi

Elevation: Ground 1837 KB 1846

Section Plat



WATER SUPPLY INFORMATION

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..... Ft North from Southeast Corner  
(Stream, pond etc)..... Ft West from Southeast Corner  
Sec Twp Rge  East  West

Other (explain) Landowner's well  
(purchased from city, R.W.D.#)

Disposition of Produced Water:  Disposal  Repressuring

Docket #

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 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 William K. Black  
Title President Date 3-22-86

Subscribed and sworn to before me this 22nd day of March 1986.

Notary Public Darlene Butts  
Notary Commission Expires April 23, 1987

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

My April Exp. 4-23-88

STATE CORPORATION COMMISSION ACO-1 (7-84)

MAR 25 1986

SIDE TWO

Operator Name ...W.K. BLACK, INC Lease Name ...STUDER "A" Well # ...4... SEC...9...TWP...27...RGE...12  East  West

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
Anhydrite	670	+1176
Indian Cave	2667	- 816
Brown Lime	3662	-1816
Lansing	3677	-1831
Miss. Chert	4130	-2284
Simpson Sand	4356	-2510
LTD	4404	

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	14 1/4	10 3/4	40.5	249	Common	250	3%cc 2% gel.
Production	7 7/8	4 1/2	10.5	4395KB	50/50poz	125	salt saturated

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	4135-4160	1250 gal. acid, 15% FE surfactant 40,000 gal. gel, 2% KCl 20,000# 20/40 sand, 20,000# 10/20 sand	4135-4160

TUBING RECORD Size 2 3/8 Set At 4204 Packer at Liner Run  Yes  No

Date of First Production 3-11-86 Producing Method  Flowing  Pumping  Gas Lift  Other (explain).....

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	80 Bbls	Approx. 40 MCF	30 Bbls		CFPB

METHOD OF COMPLETION Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) ..... 4135-4160  
 Used on Lease  Dually Completed .....  
 Commingled .....