

STATE OF KANSAS  
 STATE CORPORATION COMMISSION  
 200 Colorado Derby Building  
 Wichita, Kansas 67202

WELL PLUGGING RECORD  
 K.A.R.-82-3-117

API NUMBER 15-109-20508-0000

LEASE NAME Clark

WELL NUMBER A-3

         Ft. from S Section Line

         Ft. from E Section Line

SEC. 17 TWP. 12S RGE. 33W(E) or (W)

COUNTY Logan

Date Well Completed         

Plugging Commenced 8-21-91

Plugging Completed 8-23-91

TYPE OR PRINT  
 NOTICE: Fill out completely  
 and return to Cons. Div.  
 office within 30 days.

LEASE OPERATOR Frontier Oil Co.

ADDRESS 1437 N. Franklin Russell, Ks. 67665

PHONE#(913) 267-4464 OPERATORS LICENSE NO. 5140

Character of Well Oil

(Oil, Gas, D&A, SWD, Input, Water Supply Well)

The plugging proposal was approved on          (date)

by          (KCC District Agent's Name).

Is ACO-1 filed?          If not, is well log attached?         

Producing Formation          Depth to Top          Bottom          T.D. 4770'

Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS | CASING RECORD | RECEIVED STATE CORPORATION COMMISSION

Formation	Content	From	To	Size	Put in	Pulled out
				8 5/8"	351'	none
				4 1/2"	4769'	1397'

8-30-91  
 AUG 30 1991  
 STATE CORPORATION COMMISSION  
 WICHITA, KANSAS

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same and depth placed, from          feet to          feet each set.  
Sanded bottom to 4200', ran 4 sacks cement. Shot pipe @2600',  
1397'. Pumped 50 sacks, 8 gel, shot @1397', pulled 1 jt. pumped  
100 sacks cement, 8 gel, pulled up to 400' circulated to surface.

(If additional description is necessary, use BACK of this form.)

Name of Plugging Contractor KELSO CASING PULLING, INC. License No. 6050

Address P.O. Box 347 Chase, Kansas 67524

NAME OF PARTY RESPONSIBLE FOR PLUGGING FEES: Frontier Oil Co.

STATE OF Kansas COUNTY OF Rice, ss.

R. Darrell Kelso (Employee of Operator) or (Operator) of above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed that the same are true and correct, so help me God.

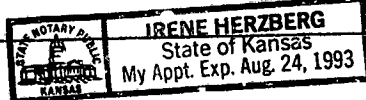
(Signature) R. Darrell Kelso

(Address) P.O. Box 347 Chase, KS. 67524

SUBSCRIBED AND SWORN TO before me this 29 day of August, 19 91

Irene Herzberg  
 Notary Public

My Commission Expires:         



15109-205080000



Correlation Log

FILING NO.		COMPANY <u>Frontier Oil Co.</u>						
		WELL <u>Clark "A" No. 3</u>						
		FIELD _____						
		COUNTY <u>Logan</u>			STATE <u>Kansas</u>			
		LOCATION: <u>Approx 100' SE of SW-SW-SW</u>				OTHER SERVICES		
		SEC. <u>17</u>		TWP. <u>12<sup>S</sup></u>		RGE. <u>33<sup>W</sup></u>		
Permanent Datum <u>Ground Level</u>		Elev. <u>3148</u>		Elev.: K.B. <u>3153</u>				
Log Measured From <u>Kelly Bushing 5</u>		Ft. Above Perm. Datum		D.F. <u>--</u>				
Drilling Measured From <u>Kelly Bushing</u>				G.L. <u>3148</u>				
Date	<u>5-29-91</u>							
Run No.	<u>One</u>			<u>One</u>				
Type Log	<u>Cramma Ray</u>			<u>CCL</u>				
Depth—Driller	<u>4743</u>			<u>4743</u>				
Depth—Logger	<u>4755</u>			<u>4755</u>				
Bottom Logged Interval	<u>4754</u>			<u>4750.5</u>		RECEIVED		
Top Logged Interval	<u>4000</u>			<u>4000</u>		STATE CORRELATION COMMISSION		
Type Fluid In Hole	<u>Water</u>					AUG 07 1991		
Salinity, PPM CL								
Density								
Level	<u>4200'</u>					MIN DIVISION		
Max Rec. Temp., Deg F.	<u>121°</u>					Winchita, Kansas		
Operating Rig Time	<u>1 hr.</u>							
Recorded By	<u>Danny Yunker</u>							
Witnessed By	<u>Dick Parker</u>							
	<u>P-59 Hays, Ka</u>							
Run	Bore-Hole Record				Casing Record			
No.	Bit	From	To	Size	Wgt.	From	To	
<u>One</u>	<u>12 1/4</u>	<u>00</u>	<u>351</u>	<u>8 5/8</u>	<u>24</u>	<u>00</u>	<u>351</u>	
<u>Two</u>	<u>7 1/8</u>	<u>351</u>	<u>4743</u>	<u>4 1/2</u>	<u>10.5</u>	<u>00</u>	<u>4769</u>	