

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 # 5140

Name: Frontier Oil company
Address: 125 N. Market, Ste. 1720

City/State/Zip Wichita, KS 67202

Purchaser: N/A

Operator Contact Person: Jean Angle

Phone (316) 263-1201

Contractor: Name: Red Tiger Drilling Co.

License: 5302

Wellsite Geologist: Steve Parker

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

2-18-90 2-23-90 2-24-90

Spud Date Date Reached TD Completion Date

API NO. 15- 169-20,303-0000

County Saline

SW NW SE Sec. 8 Twp. 15 Rge. 1 East West

1650 Ft. North from Southeast Corner of Section

2310 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

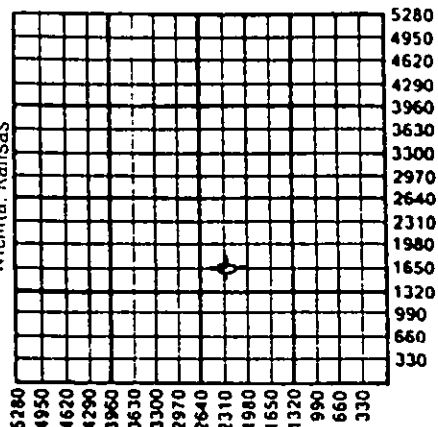
Lease Name Cline Well # 1

Field Name Unknown

Producing Formation N/A

Elevation: Ground 1249 KB 1254

Total Depth 2686 PBTD N/A



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STATE CORPORATION COMMISSION
MAR 08 1990
3-8-90
CONSERVATION DIVISION
Wichita, Kansas

ACT II
D&A

Amount of Surface Pipe Set and Cemented at 225 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.

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 Jean Angle
Title Agent Date March 7, 1990

Subscribed and sworn to before me this 7th day of March, 19 90.

Notary Public: D'Ann Drennan

Date Commission Expires D'ANN DRENNAN
NOTARY PUBLIC
STATE OF KANSAS
My Appl. Exp. _____

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)

SIDE TWO

Operator Name Frontier Oil Company

Lease Name Cline

Well # 1

Sec. 8 Twp. 15 Rge. 1

East
 West

County Saline

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.)

Formation Description

Log Sample

Name	Top	Bottom
Lansing	1990	-736
Mississippi	2656	-1402

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"	20#	225	60-40 POZ	145	2%gel, 3%cc

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

Shots Per Foot	Specify Footage of Each Interval Perforated		
N/A			

TUBING RECORD

Size Set At Packer At

Liner Run Yes No

Date of First Production N/A	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)						
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		

Disposition of Gas: N/A
 Vented Sold Used on Lease
(If vented, submit ACO-18.)

METHOD OF COMPLETION

Open Hole Perforation Dually Completed Comingled
 Other (Specify) _____

Production Interval

Phone 913-483-2627, Russell, Kansas
 Phone 316-793-5861, Great Bend, Kansas

Phone Plainville 913-434-2812
 Phone Ness City 913-798-3843

ORIGINAL ALLIED CEMENTING CO., INC. N^o 10161

Home Office P. O. Box 31

Russell, Kansas 67665

New

MIDNIGHT

Date	2-23-90	Sec.	8	Twp.	15s	Range	1W	Called Out	9:45PM	On Location	12:05AM	Job Start	1:45AM	Finish	3:30AM
Lease	Cline	Well No.	#1	I-70 Location		Sabina & I-35 9 1/2 S		County	Saline	State	Kansas				
Contractor	Red Tiger Drllg. Rig #8														
Type Job	Rotary Plug														
Hole Size	7 7/8	T.D.	2686'												
Csg.	8 5/8 Surface	Depth	225'												
Tbg. Size		Depth													
Drill Pipe	5 X-H	Depth	200'												
Tool		Depth													
Cement Left in Csg.		Shoe Joint													
Press Max.		Minimum	✓												
Meas Line		Displace													
Perf.															

Owner **BE IN VAE VAN into**
 To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Charge To **FRONTIER OIL COMPANY**
 Street **1437 N Franklin**
 City **Russell** State **Kan 67665**
 The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.
x Morris Leach J.
CEMENT

Amount Ordered **100 SK 6% 6% gel 3% CC**

Consisting of			
Common	60	5.00	300.00
Poz. Mix	40	2.25	90.00
Gel.	5	6.75	33.75
Chloride	3	20.00	60.00
Quickset			

Sales Tax		
Handling	.90 PER SK	90.00
Mileage	.03 PER TON MILE 78	234.00
Sub Total		807.75
Total		

EQUIPMENT

Pumptrk #177	No.	Cementer	<i>Ed</i>
		Helper	<i>Will</i>
Pumptrk #146	No.	Cementer	
		Helper	
Bulktrk #146		Driver	<i>Ed</i>
		Driver	

DEPTH of Job		Reference:	
		Pump TRUCK Chg	360.00
		10% per mile	50.00
		1-878 WIPER Plug	20.00
		Sub Total	430.00
		Tax	
		Total	

Remarks:
 35 SK @ 700'
 35 SK @ 275'
 20 SK @ 60'
 10 SK @ Rat Hole w/ Plug

RECEIVED
 OCCUPATION COMMISSION
 STATE OF KANSAS
 MAR 08 1990
 CONSERVATION DIVISION
 Topeka, Kansas
Shank

Ralph Tittle
 State Plugger

Phone 913-483-2627, Russell, Kansas
 Phone 316-793-5861, Great Bend, Kansas

ORIGINAL

Phone Plainville 913-434-2812
 Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC. No 10152

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	2-18-90	Sec.	8	Twp.	15s	Range	LW	Called Out	2:30PM	On Location	5:00PM	Job Start	9:45AM	Finish	10:15PM
Lease	Cline	Well No.	#1	Location		I-70 #1-35		Salina-Exit 9 1/2 S BE		County	Saline	State	Kansas		
Contractor	Red Tiger Drbg. Rig # 8							Owner	IN 1/2 E 1/2 N into						
Type Job	Surface							To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.							
Hole Size	12 1/4		T.D.	229'											
Csg.	8 5/8		Depth	225'											
Tbg. Size			Depth												
Drill Pipe			Depth												
Tool			Depth												
Cement Left in Csg.	15'		Shoe Joint												
Press Max.			Minimum												
Meas Line	✓		Displace	13 1/2 BBL											
Perf.															
EQUIPMENT															
Pumptrk	No.	Cementer	Steve												
	# 17	Helper	Steve												
Pumptrk	No.	Cementer													
	# 22	Helper													
Bulktrk		Driver	Steve												
Bulktrk		Driver													
DEPTH of Job															
Reference:	Pump TRUCK Chag.		360.00												
	1.09 per mile		50.00												
	1-848 Wiper Plug		40.00												
			Sub Total	450.00											
			Tax												
			Total												
Remarks:	Cement Circulated <i>[Signature]</i>														

Charge To	FRONTIER OIL COMPANY		
Street	1437 N Franklin		
City	Russell	State	Kan 67665
The above was done to satisfaction and supervision of owner agent or contractor.			
Purchase Order No.	X Done <i>[Signature]</i>		
CEMENT			
Amount Ordered	145 SK @ 9.40 270 gal 370cc		
Consisting of			
Common	87	5.00	435.00
Poz. Mix	58	2.25	130.50
Gel.	2	6.75	13.50
Chloride	4	20.00	80.00
Quickset			
Sales Tax			
Handling	.90 PER SK		130.50
Mileage	.03 PER MI mile 78		339.30
			Sub Total
			1128.80
Total			
Flowing Equipment			

MAR 08 1990

CONSE...
 Wichita, Kansas