

ORIGINAL

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

API NO. 15- 137-20,374 <sup>0000 KCC</sup> <sup>MAY 22 5-22-92</sup>

County Norton **CONFIDENTIAL**

C SW NW Sec. 35 Twp. 2 Rge. 24W  East  West

3300 Ft. North from Southeast Corner of Section

4620 Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

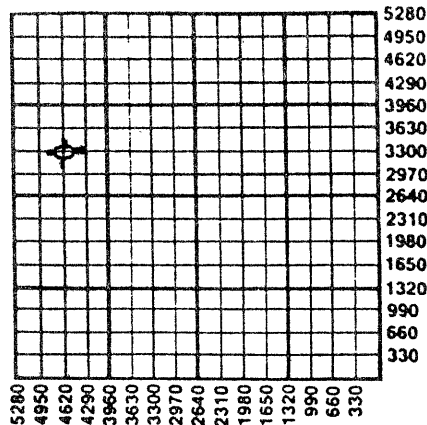
Lease Name Melroy Well # 1

Field Name Unknown

Producing Formation N/A

Elevation: Ground 2437 KB 2442

Total Depth 3760 PBSD N/A



A 15-D DKO

Amount of Surface Pipe Set and Cemented at 263 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.

Operator: License # 5140

Name: Frontier Oil Company

Address 125 N. Market, Ste. 1720

City/State/Zip Wichita, Kansas 67202

Purchaser: N/A

Operator Contact Person: Jean Angle

Phone (316) 263-1201

Contractor: Name: Red Tiger Drilling Company

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

3-14-91 3-23-91 3-23-91  
Spud Date Date Reached TD Completion Date

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STATE CORPORATION COMMISSION  
MAY 23 1991  
CONSERVATION DIVISION  
Wichita, Kansas  
5-23-91

**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 May 22, 1991

Subscribed and sworn to before me this 22nd day of May, 19 91.

Notary Public D'Ann Drennan

Date Commission Exp 2-10-94  
**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)

# CONFIDENTIAL

SIDE TWO

Operator Name Frontier Oil Company Lease Name Melroy Well # 1

Sec. 35 Twp. 2S Rge. 24W  East  West  
 County Norton

**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. (Log attached)

Drill Stem Tests Taken (Attach Additional Sheets.) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input 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 checked="" 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>1991</td> <td>+ 451</td> </tr> <tr> <td>Base Anhydrite</td> <td>2019</td> <td>+ 423</td> </tr> <tr> <td>Topeka</td> <td>3098</td> <td>- 656</td> </tr> <tr> <td>Heebner</td> <td>3406</td> <td>- 964</td> </tr> <tr> <td>Toronto</td> <td>3435</td> <td>- 993</td> </tr> <tr> <td>Lansing-Kansas City</td> <td>3450</td> <td>-1008</td> </tr> <tr> <td>Base of Kansas City</td> <td>3633</td> <td>-1191</td> </tr> <tr> <td>Gorham Lime</td> <td>3674</td> <td>-1232</td> </tr> <tr> <td>Reagan Sand</td> <td>3700</td> <td>-1258</td> </tr> <tr> <td>Granite</td> <td>3704</td> <td>-1262</td> </tr> </table>	Formation Description			<input type="checkbox"/> Log	<input checked="" type="checkbox"/> Sample		Name	Top	Bottom	Anhydrite	1991	+ 451	Base Anhydrite	2019	+ 423	Topeka	3098	- 656	Heebner	3406	- 964	Toronto	3435	- 993	Lansing-Kansas City	3450	-1008	Base of Kansas City	3633	-1191	Gorham Lime	3674	-1232	Reagan Sand	3700	-1258	Granite	3704	-1262
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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	12 1/4"	8 5/8" (new)	20#	263	60-40POZ	170	2% gel, 3% CC

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth
N/A		

**TUBING RECORD** Size N/A Set At \_\_\_\_\_ Packer At \_\_\_\_\_ Liner Run  Yes  No

Date of First Production	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:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)

**METHOD OF COMPLETION**

Open Hole  Perforation  Dually Completed  Commingled

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

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

# CONFIDENTIAL

OPERATOR Frontier Oil Company LEASE NAME Melroy #1 ~~CONFIDENTIAL~~ RGE. 24W

FILL IN WELL LOG AS REQUIRED:

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
DST #1 (3404-65) 15-30-15-30 Rec. 10' M IF 20-20 FF 30-40 ISIP 30 FSIP 40				
DST #2 (3458-90) 15-30-15-30 Rec. 10' M IF 30-30 FF 30-30 ISIP & FSIP 80				
DST #3 (3482-3510) 15-30-15-30 Rec. 5' M IF 20-20 FF 20-20 ISIP & FSIP 30				
DST #4 (3538-3625) 15-30-15-30 Rec. 10' M IF & FF 50-50 ISIP 1189 FSIP 1145				
DST #5 (3666-86) 60-45-60-45 Rec. 210' SW IF 22-88 FF 100-144 ISIP 958 ISIP 936				
DST #6 (3693-3703) 60-45-15-30 Rec. 5' M, 60' O IF 33-66 FF 88-88 ISIP 609 FSIP 500				
DST #7 (3693-3708) 60-45-15-45. Rec. 30' c.l. 0, 120' OCM IF 33-66 FF 88-88 ISIP 444 FSIP 388				

RECEIVED  
STATE CORPORATION COMMISSION

MAY 23 1991

CONSERVATION DIVISION  
Wichita, Kansas

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. 9738

Home Office P. O. Box 31

Russell, Kansas 67665

NEW MAY 22

Date	3-14-91	Sec.	35	Twp.	25	Range	24W	Called Out	11:00 A.M.	On Location	3:00 P.M.	Job Start	5:30 P.M.	Finish	6:00 P.M.
Lease	Melroy	Well No.	1	Location	Norton 6W 1/2 N 1/8 E			County	Norton	State	Ks.				
Contractor	Red Tiger Drilling Co.			Rig #	9										
Type Job	Set Surface Pipe														
Hole Size	12 1/4"	T.D.	2660'												
Csg.	8 5/8"	Depth	263'												
Tbg. Size		Depth													
Drill Pipe		Depth													
Tool		Depth													
Cement Left in Csg.	15'	Shoe Joint													
Press Max.		Minimum	-												
Meas Line	X	Displace	X												
Perf.															

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 Ks. 67665

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.

X *[Signature]*

CEMENT

Amount Ordered: 170 sks @ 40 per 2 bag, 320 C.C.

Consisting of		
Common	102 sks @ 6.10/sk	\$ 622.20
Poz. Mix	68 sks @ 2.40/sk	163.20
Gel.	3 sks	N/C
Chloride	5 sks @ 21.00/sk	105.00
Quickset		

Sales Tax

Handling @ 1.00/sk (170 sks) 170.00

Mileage @ 0.44/sk/mi (29 mi.) 197.20

(From Oberlin)

Sub Total \$ 1257.60

Total

Floating Equipment

Thanks

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STATE CORPORATION COMMISSION

MAY 23 1991

CONSERVATION DIVISION  
 Wichita, Kansas

**EQUIPMENT**

No.	Cementor	Gary H. Marbyak
Pumptrk 191	Helper	
No.	Cementor	Wayne Ma.
Pumptrk	Helper	
Bulktrk #212	Driver	
Bulktrk	Driver	

**DEPTH of Job**

Reference: #1	Pumptruck-surface	\$ 380.00
#13	mileage @ 2.00/mi	58.00
	1- 8 5/8" wooden plug	42.00
	Sub Total	\$ 480.00
	Tax	
	Total	

Remarks: Cement Circulated.

483-2627, Russell, Kansas  
 616-793-5861, Great Bend, Kansas

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

ORIGINAL *New* KCC  
**ALLIED CEMENTING CO. INC.** No. 9745  
 Home Office P. O. Box 31  
 Russell, Kansas 67665

Date	3-23-91	Sec.	35	Twp.	25	Range	24 W	Called Out	1:00 P.M.	On Location	5:00 P.M.	Job Start	8:00 P.M.	Finish	11:45 P.M.	
Lease	Melroy	Well No.	1	Location				Norton 6W 1/2 N 1/8 E	County		Norton	State		Ks.		
Contractor	Red Tiger Drilling Co.				Rig #9				Owner				Same			
Type Job	Plug															
Hole Size	7 7/8"			T.D.			3760'			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 Ks. 67665 The above was done to satisfaction and supervision of owner agent or contractor.  Purchase Order No. _____ X <i>Lyle Brown</i> <b>CEMENT</b>						
Csg.	8 7/8"			Depth			263'									
Tbg. Size				Depth												
Drill Pipe				Depth												
Tool				Depth												
Cement Left in Csg.				Shoe Joint												
Press Max.				Minimum			-									
Meas Line				Displace												
Perf.																

**EQUIPMENT**

No.	Cementer	Gary H. Wayne Mc.
Pumptrk 61	Helper	
No.	Cementer	Paul D.
Pumptrk	Helper	
	Driver	
Bulktrk #160	Driver	

**DEPTH of Job**

Reference:	# 8 Pumptruck - plug	# 380.00
	# 13 mileage @ 2.00/mi.	58.00
	1-8 7/8 dry hole plug	21.00
	Sub Total	459.00
	Tax	
	Total	

Remarks:  
 1<sup>st</sup> plug @ 2000' w/25 sks.  
 2<sup>nd</sup> plug @ 1240' w/100 sks.  
 3<sup>rd</sup> plug @ 305' w/40 sks.  
 8 7/8" plug @ 40' w/10 sks to surface.  
 Plugged rat hole w/15 sks.

Amount Ordered	190 sks @ 60/40 per bagged with	
Consisting of	1/4 # of Floseal/sk. #	
Common	114 sks @ 1.10/sk.	695.40
Poz. Mix.	76 sks @ 2.40/sk.	182.40
Gel.	7 sks @ 6.75/sk (Used 10 sks)	47.25
Chloride		
Quickset		
	Floseal - 48 # @ 1.00/16.	48.00
	Sales Tax	
	Handling @ 1.00/sk (190 sks)	190.00
	Mileage @ 2.04 \$/sk/mi (29 mi.)	220.40
	Sub Total	1383.45
	Total	

Floating Equipment  
*Thanks*  
 RECEIVED  
 STATE CORPORATION COMMISSION  
 MAY 23 1991  
 CONSERVATION DIVISION  
 Wichita, Kansas