

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

ORIGINAL

API NO. 15- 163-23,198-000

Operator: License # 5140

Name: Frontier Oil Company

Address 125 N. Market, Ste. 1720

Wichita, KS 67202

City/State/Zip 67202

Purchaser: N/A

Operator Contact Person: Jean Angle

Phone (316) 263-1201

Contractor: Name: Red Tiger Drilling Company

License: 5302

Wellsite Geologist: Richard D. Parker

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SLOW Temp. Abd.

Gas ENHR SIGW

Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD

Plug Back _____ PBTD

Commingled _____ Docket No. _____

Dual Completion _____ Docket No. _____

Other (SWD or Inj?) _____ Docket No. _____

3-21-92 3-28-92 3-29-92

Spud Date Date Reached TD Completion Date

County Rooks
50 N & 100 E

SW - SW - SE - _____ Sec. 13 Twp. 10 Rge. 19W x W

380 Feet from ~~SXX~~ (circle one) Line of Section

2210 Feet from ~~EXX~~ (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name Stepp Well # 1

Field Name Vohs

Producing Formation N/A

Elevation: Ground 2087 KB 2092 KB

Total Depth 3624 PBTD N/A

Amount of Surface Pipe Set and Cemented at 211 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.

Drilling Fluid Management Plan Air Dr
(Data must be collected from the Reserve Pit)

Chloride content 14,000 ppm Fluid volume 980 bbls

Dewatering method used Evaporation of fluids

Location of fluid disposal if hauled offsite:

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 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 geologist well report 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.

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 April 17, 1992

Subscribed and sworn to before me this 17th day of April 19 92.

Notary Public D'Ann Drennan

D'ANN DRENNAN
NOTARY PUBLIC 2-10-94
STATE OF KANSAS
My Appl. Exp. _____

RECEIVED
KANSAS CORPORATION COMMISSION
4-20-92
APR 20 1992

K.C.C. OFFICE USE ONLY		
F	<input type="checkbox"/>	Letter of Confidentiality Attached
C	<input type="checkbox"/>	Wireline Log Received
C	<input checked="" type="checkbox"/>	Geologist Report Received
Distribution		
	<input type="checkbox"/>	SWD/Rep
	<input type="checkbox"/>	Plug
	<input type="checkbox"/>	NGPA
	<input type="checkbox"/>	Other
		(Specify)

Operator Name Frontier Oil Company Lease Name Stepp Well # 1
 East County Rooks
 Sec. 13 Twp. 10 Rge. 19W West

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. No log run.

Drill Stem Tests Taken (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydrite	1470	+622
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Topeka	3044	-952
List All E.Logs Run:		Heebner	3262	-1170
		Toronto	3284	-1192
		Lansing-Kansas City	3303	-1211
		Conglomerate	3544	-1452
		Arbuckle	3630	-1528
		RTD	3624	-1532

CASING RECORD <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 1/4"	8 5/8"	20#	211	60-40 Poz.	140	2% gel, 3% CC

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate	N/A			
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

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

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
N/A	N/A			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

Disposition of Gas: Vented Sold Used on Lease N/A

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval: _____

ORIGINAL

15-163-23198-0000

Frontier Oil Company
#1 Stepp

Drill Stem Tests

- DST #1 (3258-3396) 60-30-30-30. First opening - fair increasing to good blow in 35 minutes. Second Opening - weak blow. Rec. 320' MSW
IF 52-147 FF 177-187 ISIP & FSIP 229
- DST #2 (3608-3624) Mis-run - packer failure
- DST #3 (3532-3624) 60-30-60-30. First opening - fair blow to bottom of bucket in 12 minutes. Second opening - weak building to good blow 7 minutes in bucket. Recovered 713' fluid consisting of 155' HOCWM, 372' HOCMW, 186' OCM. IF 62-239 FF 270-343 ISIP 1029 FSIP 1018.

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KANSAS CORPORATION CONTROL

APR 20 1992

CONSERVATION DIVISION
WICHITA, KS

913-483-2077, Russell, Kansas
 316-793-5861, Great Bend, Kansas

ORIGINAL

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

New

15-163-23198-0000

ALLIED CEMENTING CO., INC.

2498

Home Office P. O. Box 31

Russell, Kansas 67665

Date	3-21-92	Sec.	13	Twp.	10 ^s	Range	19 ^w	Called Out	1:30 P.M.	On Location	3:30 P.M.	Job Start	8:45 P.M.	Finish	9:15 A.M.	
Lease	Stepp	Well No.	1	Location				Plainville SW 3 ³ / ₄ SE 3 ³ / ₄ E	County	Rooks	State	Ks				
Contractor	Red Tiger Dnly				Rig #4				Owner	Same						
Type Job	Set Surface Pipe															
Hole Size	12 ¹ / ₄ "			T.D.	222'											
Csg.	8 ⁷ / ₈ "			Depth	221'											
Tbg. Size				Depth												
Drill Pipe				Depth												
Tool				Depth												
Cement Left in Csg.	15'			Shoe Joint												
Press Max.				Minimum	-											
Meas Line	x			Displace	x											
Perf.																

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 Hayward

CEMENT

Amount Ordered 140 sks 60/40 per 2 bags, 36 c.c.
 Consisting of
 Common 84 sks @ \$5.25/sk 441.00
 Poz. Mix 56 sks @ \$2.25/sk 126.00
 Gel. 2 sks N/C
 Chloride 4 sks @ \$21.00/sk 84.00
 Quickset

Handling \$1.00/sk (140 sks) 140.00
 Mileage \$0.47/sk/mi (10 mi.) 56.00
 Sub Total \$847.00
 Total

Floating Equipment Thanks

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 KANSAS CORPORATION COMMISSION

APR 20 1992

CONSERVATION DIVISION
 WICHITA, KS

EQUIPMENT

No.	Cementer	
Pumptrk 191	Helper	<u>Gary H. Manly K.</u>
No.	Cementer	
Pumptrk	Helper	
	Driver	<u>Joe S.</u>
Bulktrk #212	Driver	

DEPTH of Job

Reference:	#1 Pumptruck-surface	# 380.00
	#13 mileage @ 1.00/mi.	10.00
	1-8 ⁷ / ₈ " wooden plug	42.00
	Sub Total	432.00
	Tax	
	Total	

Remarks: Cement Circulated

3-2627, Russell, Kansas

16-793-5861, Great Bend, Kansas

ORIGINAL

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

New

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

1946

Date	3-29-92	Sec.	17	Twp.	10	Range	19	Called Out	10:30 AM	On Location	1:00 PM	Job Start	1:30 PM	Finish	6:00 PM	
Lease	STEFF	Well No.	#1	Location				Plainville 5w 4 1/2 E	County	ROCKS	State	KANSAS				
Contractor	Red Tiger Drilling Rig 4													Owner	SAME	
Type Job	plug															
Hole Size	7 7/8"	T.D.	3625'													
Csg.	8 5/8"	Depth	221'													
Tbg. Size																
Drill Pipe																
Tool																
Cement Left in Csg.																
Press Max.																
Meas Line																
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 CO**
 Street: **1437 N. Franklin**
 City: **Russell** State: **Kansas 67665**
 The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. **WC Ogle**

Amount Ordered: **215 SKS 60/40 per 6 7/8"**

Consisting of			
Common	129	SKS @ 5.25	677.25
Poz. Mix	86	SKS @ 2.25	193.50
Gel.	7	SKS @ 6.75	47.25
Chloride			
Quickset			

Flo-Seal, 50# @ 1.00 **50.00**

Handling	1.00 per SK	215.00
Mileage	4¢ per SK/mile	77.40
9 miles		
Sub Total		
Total		1260.40

EQUIPMENT

#191	No.	Cementer	M Kaufman
Pumptrk		Helper	Wayne M.
#212	No.	Cementer	
Pumptrk		Helper	
Bulktrk		Driver	Joe S
Bulktrk		Driver	

DEPTH of Job		
Reference:	#	380.00
	PUMP TRK	
	1-8 5/8" plug	21.00
	1.00 per mile	9.00
Sub Total		
Tax		
Total		410.00

Remarks:
 25 SKS 10' above Arbuckle @ 3614'
 25 SKS @ 1490'
 100 SKS @ 820'
 30 SKS @ 275'
 15 SKS in Rat Hole

Thanked

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 KANSAS CORPORATION COMMISSION

APR 20 1992

CONSERVATION DIVISION
 WICHITA, KS