

JUN 28

CONFIDENTIAL

CONFIDENTIAL

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

API NO. 15- 109-20,504-00-00

County Logan

SE NE NE Sec. 19 Twp. 12 Rge. 33W West

Operator: License # 5140

4290 Ft. North from Southeast Corner of Section

Name: Frontier Oil Company

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

Address 125 N. Market, Ste

Lease Name Beckman Well # 1

Wichita, KS 67202

Field Name Janice South

City/State/Zip

Producing Formation N/A

Purchaser: N/A

Elevation: Ground 3154 KB 3159

Operator Contact Person: Mrs. Jean Angle

Total Depth 4740 PBDT N/A

Phone (316) 263-1201

Contractor: Name: Red Tiger Drilling Co.

License: 5302

Wellsite Geologist: Joel Alberts

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:

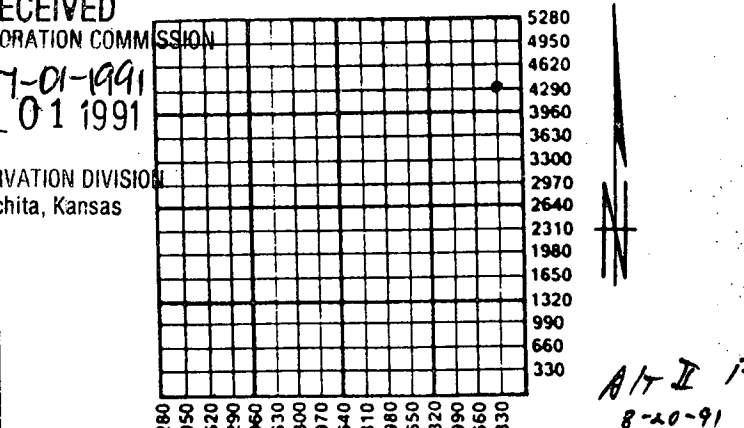
Well Name:

Comp. Date Old Total Depth

Drilling Method:

Mud Rotary Air Rotary Cable

Spud Date 4-1-91 Date Reached TD 4-9-91 Completion Date N/A



Amount of Surface Pipe Set and Cemented at 348 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.

AIT I PPA
8-20-91

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 6-28-91

Subscribed and sworn to before me this 28th day of June 19 91.

Notary Public D'Ann Drennan

Date Commission Expires 6-28-94



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)

91

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SIDE TWO

Operator Name Frontier Oil Company Lease Name Beckman Well # 1
County Logan
Sec. 19 Twp. 12 Rge. 33W
East 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.

Drill Stem Tests Taken (Attach Additional Sheets.)
Samples Sent to Geological Survey
Cores Taken
Electric Log Run (Submit Copy.)
Formation Description
Log Sample
Name Top Bottom
Anhydrite 2632 + 527
Topeka 3822 - 663
Heebner 4048 - 889
Toronto 4072 - 913
Lansing-Kansas City 4088 - 929
Base of Kansas City 4388 -1229
Marmaton 4426 -1267
Pawnee 4520 -1361
Fort Scott 4578 -1419
Cherokee 4605 -1490

CASING RECORD
Report all strings set-conductor, surface, intermediate, production, etc.

Table with 8 columns: 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. Rows for Surface and Production.

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

TUBING RECORD
Size Set At Packer At
Liner Run Yes No

Date of First Production Producing Method
Estimated Production Per 24 Hours
Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity

Disposition of Gas: Vented Sold Used on Lease
METHOD OF COMPLETION: Open Hole Perforation Dually Completed Commingled
Production Interval

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ORIGIN

SIDE TWO (Page Two)

ACO-1 WELL HISTORY

OPERATOR Frontier Oil Company

CONFIDENTIAL

15-109-20504-00-00

LEASE NAME Beckman

#1

SEC. 19 TWP. 12 RGE. 33W

FILL IN WELL LOG AS REQUIRED:

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

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.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Johnson 4649 -1490 Mississippian 4732 -1573 LTD 4699 -1540 RTD 4740 -1581			RELEASED	
			JUL 1 1992	
			FROM CONFIDENTIAL	

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STATE CORPORATION COMMISSION

JUL 01 1991

CONSERVATION DIVISION
Wichita, Kansas

15-109-20504-00-00

FORT SCOTT (TOP 4578)
4578 to 4582

Buff fine crystalline
subchalky slightly oolitic
lime. scattered tan chert.
No odor. No show of free
oil.

CHEROKEE SHALE (TOP 4605)
4615 to 4618

Buff fine crystalline
lime, chalky in part with
scattered tan chert. No
odor. No show of oil.

JOHNSON ZONE (TOP 4649)
4652 to 4654

Buff to grey fine crystalline
dense lime. Trace of poor
pin point porosity. No odor.
Slight show of free oil.
Scattered brown saturated
staining.

4664 to 4666

White to buff chalky lime.
No odor. No show of oil.

4671 to 4674
4678 to 4682

White to buff fine crystalline
to chalky limestone.
Scattered brown fine
crystalline dense lime.
No odor. No show of free
oil. Trace of spotted
staining.

DRILL STEM TEST NO. 1 (WESTERN)
4591 to 4700

30-30-30-30
First opening weak blow
5 minutes. Second opening
no blow flushed tool-no
help. Recovered: 62' oil cut
watery mud (10% oil, 10%
water, 80% mud) initial flow
42 to 43#, final flow 63
to 77#. Initial shut-in
788# Final shut-in 633#
(shut-in pressures still
building)

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31 Russell, Kansas 67665

RELEASED 7592

JUL 01 1992

New

CONFIDENTIAL

Job Start Finish
 FROM CONFIDENTIAL

date	4-1-91	Sec.	19	Wp.	12 s	Range	33 w	Called Out	11:30am	On Location	4:00pm	Job Start	6:15pm	Finish	6:45pm
Lease	Reckman	Well No.	# 1	Location	MONUMENT 7 S 1/4 W			County	LOGAN	State	KANSAS				

Contractor	RED TIGER DRG. Rig #9		
Type Job	SURFACE		
Hole Size	12 1/4	T.D.	352'
Csg.	8 5/8 19#	Depth	348'
Tbg. Size		Depth	
Drill Pipe		Depth	
Tool		Depth	
Cement Left in Csg.	15'	Shoe Joint	
Press Max.		Minimum	
Meas Line		Displace	2 1/4 gbl
Perf.			

Owner
 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 Jimmy Hamell

CEMENT

Amount Ordered 185 sk 69/40 2% gel 3% cc

Consisting of			
Common	111	6.10	677.10
Poz. Mix	74	2.40	177.60
Gel.	3	675	N/C
Chloride	5	21.00	105.00
Quickset			

EQUIPMENT

Pumptrk #177	No.	Cementer	Blow
		Helper	Will
Pumptrk #213	No.	Cementer	
		Helper	
Bulktrk #213		Driver	Paul
Bulktrk		Driver	

Handling	1.00	185.00
Mileage 16m	0.4	118.40
Sub Total		1263.10
Total		

DEPTH of Job

Reference:	Pump TRUCK chrg.	380.00
	2.00 PER mile	32.00
	1-8 5/8 WOODEN Plug	42.00
	Sub Total	454.00
	Tax	
	Total	

Floating Equipment
 RECEIVED
 STATE CORPORATION COMMISSION

Remarks:
 Cement Circulated
 [Signature]

JUL 01 1991

CONSERVATION DIVISION
 Wichita, Kansas

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

RELEASED
 No 1599
 JUL 01 1992

CONFIDENTIAL

FROM CONFIDENTIAL

Date	4-9-91	Sec.	19	Twp.	12s	Range	33w	Called Out	11:30 AM	On Location	3:00 PM	Job Start	5:45 PM	Finish	6:15 PM	
Lease	BECKMAN	Well No.	#1	Location				MONUMENT 7 1/4 S 1/4 W	County	HOGAN	State	KANSAS				
Contractor	Red Tiger Drilling Rig #9															
Type Job	PRODUCTION STRING															
Hole Size	7 7/8	T.D.	4758'-4740'													
Csg.	4 1/2 10.5" csg	Depth	4737'													
Tbg. Size		Depth														
Drill Pipe		Depth														
Tool	AFU INSERT	Depth	4712'													
Cement Left in Csg.	25.53	Shoe Joint	25.53													
Press Max.	800#	Minimum														
Meas Line	✓	Displace	✓ 75 3/4 68L													
Perf.																

Owner
 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 *J. A. Albert*

500 GAL. WFR-2 CEMENT
 Amount Ordered 175 SK ASC.

EQUIPMENT

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

Consisting of

Cement	175 SKS ASC @ 8:10	1,417 ⁵⁰	
Poz. Mix			
Gel.			
Chloride			
Quickset			
	JFR-2 - 500 gal @ 50¢	250 ⁰⁰	
		Sales Tax	
Handling	1.00 per SK	175 ⁰⁰	
Mileage	4¢ per SK/mile 18 mile	126 ⁰⁰	
		Sub Total	
		Total	1,968 ⁵⁰

DEPTH of Job

Reference:	Pump Truck Chrg.	880 ⁰⁰
	2 ⁰⁰ per Mile	36 ⁰⁰
1-4 1/2	RUBBER Plug	33 ⁰⁰
	Sub Total	
	Tax	
	Total	949 ⁰⁰

Floating Equipment

	4 1/2 csg.	
	1 - Guide Shoe	- 109 ⁰⁰
	1 - AFU INSERT	- 169 ⁰⁰
	1 - BASKET	- 113 ⁰⁰
	Total =	391 ⁰⁰

Remarks:
 FLOAT HELD!
 15 SK IN RATHOLE

RECEIVED
 STATE CORPORATION COMMISSION
 JUL 01 1991

CONSERVATION DIVISION
 Wichita, Kansas

[Handwritten Signature]

15-109-20504-00-00

KCOO

Phone 913-483-2627, Russell, Kansas

Phone Plainville 913-434-2812

Phone 316-793-5861, Great Bend, Kansas

JUN 28

ORIGINAL

Phone Ness City 913-798-3843

RELEASED No. 3287

JUL 01 1992

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

OID

Date	8-20-91	Sec.	19	fwp.	12 ^S	Range	33 ^U	Called Out		On Location	9:00 AM	Job Start		Finish	3:15 P
Lease	Beckman	Well No.	1	Location	Monument	65-U.S.	Logan	County		State	Kan	FROM CONFIDENTIAL			
Contractor	Kelso Casings Pulling														
Type Job	OID Hole Plug														
Hole Size	7 $\frac{1}{8}$	T.D.													
Csg.	4 $\frac{1}{2}$ - 8 $\frac{1}{2}$	Depth	4937 34 $\frac{1}{2}$												
Tbg. Size	Depth														
Drill Pipe	Depth														
Tool	Depth														
Cement Left in Csg.	Shoe Joint														
Press Max.	Minimum														
Meas Line	Displace														
Perf.															

Owner
 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** Kan 67665
 The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.
 X *Gerald J. Jannett*
 250 6 $\frac{1}{4}$ 10% Cel CEMENT 16 Cel
 Amount ^{used} Ordered 230 SKs 6 $\frac{1}{4}$ 10% Cel

EQUIPMENT

No.	Cementer	Walt
177	Helper	Glenn
No.	Cementer	
	Helper	
	Driver	Jason
218	Driver	

Consisting of

Common	138	6.10	841.80
Poz. Mix	92	2.40	220.80
Gel.	32	6.75	216.00
Chloride			
Quickset			

Handling	1.00 per SK	230.00
Mileage	4¢ per SK/mile 15m	138.00
Sub Total		1646.60
Total		

DEPTH of Job

Reference:	Pumptruck	360.00
	2.00 per mile	30.00
Sub Total		390.00
Tax		
Total		

Remarks:
 Mixed 50 SKs 6 $\frac{1}{4}$ -10% Cel
 w/ 8 SKs Gel behind it, @ 2200'
 mixed 75 SKs cement w/
 5 SKs Gel @ 1450'

Floating Equipment
 Pulled up to 400', Circ Cement
 to Surface

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COMMISSION

AUG 27 1991

WICHITA DIVISION
Wichita, Kansas