FORM MUST BE TYPED

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- 22787 -065-22870000

COPY

County Graham

NW - NW - NE Sec. 14 Twp. 6 Rge. 22 E/W

330 Feet from S/N (circle one) Line of Section

2310 Feet from E/W (circle one) Line of Section

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

Lease Name Pakkebier Well # 1

Field Name W/C

Producing Formation Dry

Elevation: Ground 2276 KB 2281

Total Depth 3740 PBTD

Amount of Surface Pipe Set and Cemented at 262 Feet

Multiple Stage Cementing Collar Used? ____ Yes x No

If yes, show depth set ____ Feet

If Alternate II completion, cement circulated from 265

feet depth to surface w/ 160 sx cmt.

Drilling Fluid Management Plan D&A, 4-24-98 K.C.
(Data must be collected from the Reserve Pit)

Chloride content ____ ppm Fluid volume ____ bbls

Dewatering method used ____

Location of fluid disposal if hauled offsite:

Operator Name ____

Lease Name ____ License No. ____

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

County ____ Docket No. ____

Operator: License # 32016

Name: Pioneer Resources

Address RR 2, Box 47A

Phillipsburg, Kansas

City/State/Zip 67661

Purchaser: ____

Operator Contact Person: Rodger D. Wells

Phone (785) 543-5556

Contractor: Name: Shields Drilling Co.

License: 5184

Wellsite Geologist: Ron Nelson

Designate Type of Completion
x New Well ____ Re-Entry ____ Workover

____ Oil ____ SWD ____ SIOW ____ Temp. Abd.
____ Gas ____ ENHR ____ SIGW
x Dry ____ Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

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. ____

8-8-97 Spud Date | 8-15-97 Date Reached TD | ____ Completion Date

RECEIVED
STATE CORPORATION COMMISSION
DEC 08 1997
CONSERVATION DIVISION
Wichita, Kansas

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 Rodger D. Wells

Title Owner Date Dec 5-1997

Subscribed and sworn to before me this 5th day of December, 19 97.

Notary Public ____

Date Commission Expires 3/3/2000

DOUGLAS E. VAHLE
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 3/3/2000

K.C.C. OFFICE USE ONLY
F ____ Letter of Confidentiality Attached
C ____ Wireline Log Received
C ✓ Geologist Report Received

Distribution
✓ KCC ____ SWD/Rep ____ NGPA
____ KGS ____ Plug ✓ Other (Specify)

Form ACO-1 (7-91)

SIDE TWO

Operator Name Pioneer Resources Lease Name Pakkebier Well # 1

Sec. 14 Twp. 6 Rge. 22 ☐ East ☐ West County Graham

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.) ☐ Yes ☐ No

Samples Sent to Geological Survey ☐ Yes ☐ No

Cores Taken ☐ Yes ☐ No

Electric Log Run (Submit Copy.) ☐ Yes ☐ No

List All E.Logs Run:

☐ Log Formation (Top), Depth and Datums ☐ Sample

Name	Top	Datum
Top Anhydrite	1939	+342
Base Anhydrite	1973	+308
Topeka	3286	-1005
Heebner	3485	-1204
Toronto	3512	-1231
LKC	3579	-1248
BKC	3722	-1441

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	12¼"	8⅝"		262'		240	60/40 3%CC 2%gel

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose: ___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone	Depth Top	Depth Bottom	Type of Cement	#Sacks Used	Type and Percent Additives

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type 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, Resumed Production, SWD or Inj. P&A Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	N-A				

Disposition of Gas: METHOD OF COMPLETION Production Interval

☐ Vented ☐ Sold ☐ Used on Lease (If vented, submit ACO-18.)

☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled

☐ Other (Specify)