

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

API NO. 15- 129-216150000

County Morton
SE NE NE Sec. 27 Twp. 32S Rge. 41 X E
W

Operator: License # 32468

Name: Pioneer Oil Company

Address R.R. #4 Box 142B

City/State/Zip Lawrenceville, IL 62439

Purchaser: ANADARKO ENERGY SERVICES

Operator Contact Person: George A. Payne

Phone (812) 853-3813

Contractor: Name: Val Energy

License: 5822

Wellsite Geologist: Jon Christensen

Designate Type of Completion

- New Well Re-Entry Workover
- Oil SWD SIOW Temp. Abd.
- Gas ENHR SIGW
- 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 PBTB
- Commingled Docket No. _____
- Dual Completion Docket No. _____
- Other (SWD or Inj?) Docket No. _____

11/30/00 12/5/00 1/10/01
Spud Date Date Reached TD Completion Date

1200 Feet from S (circle one) Line of Section

330 Feet from E (circle one) Line of Section

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

Lease Name Lemon Well # 1-827

Field Name Richfield

Producing Formation Topeka, Wabaunsee

Elevation: Ground 3,397 KB 3,402

Total Depth 3,250 ft PBTB n/a

Amount of Surface Pipe Set and Cemented at 1,460 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cnt.

Drilling Fluid Management Plan ALT 1 2/11/2/01
(Data must be collected from the Reserve Pits)

Chloride content 5000 ppm Fluid volume 500 bbls

Dewatering method used Evaporation

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, 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 George A. Payne
Title Petroleum Engineer Date 1/26/01

Subscribed and sworn to before me this 26th day of January, 2001

Notary Public: Eric R. New
Date Commission Expires March 29, 2008

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

FEB 02 2001
CONSERVATION DIVISION
WICHITA, KS

X

SIDE TWO

Operator Name Pioneer Oil Company

Lease Name Lemon

Well # 1-827

Sec. 27 Twp. 32S Rge. 41

East
 West

County Morton

ORIGINAL

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.)

Log Sample

Formation (Top), Depth and Datum

Name	Top	Datum
Wabaunsee	2854'	+548'
Topeka	3105'	+297'

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CONSERVATION DIVISION
WICHITA, KS

CASING RECORD <input type="checkbox"/> New <input checked="" 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"	24#	1,460'	60/40 Poz & A	700	60/40 Poz 8% gel
Production	7 7/8"	4 1/2"	10.5#	3,242'	60/40 Poz & C	350	C 5# gilsonite

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	3,150-58' (Topeka)	1,500 gal 15% MCA-Fe acid	3,150-58'
2	2,859-62' (Wabaunsee)	750 gal 15% Fe acid	2,859-62'

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8"	3,161 ft	none	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.			Producing Method		
February, 2001			<input checked="" 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
	NONE	100			

Disposition of Gas: **METHOD OF COMPLETION** Production Interval 3150'-3158'
2859'-2862'

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
(If vented, submit ACO-18.) Other (Specify) _____

TRILOBITE TESTING L.L.C.

ORIGINAL

OPERATOR : Pioneer Oil Comp. Inc.
 WELL NAME: Lemon #1-827
 LOCATION : 27-32S-41W Morton co KS
 INTERVAL : 3128.00 To 3165.00 ft

DATE 12-4-00

KB 3402.00 ft TICKET NO: 12258 DST #1
 GR 3397.00 ft FORMATION: Topeka
 TD 3165.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 15 Rec.	10993	10993	2357			PF Fr. 1433 to 1448 hr
SI 45 Range(Psi)	4250.0	4250.0	4995.0	0.0	0.0	IS Fr. 1448 to 1533 hr
SF 75 Clock(hrs)	12HR	12HR.	Elet			SF Fr. 1533 to 1648 hr
FS 90 Depth(ft)	3163.0	3163.0	3133.0	0.0	0.0	FS Fr. 1648 to 1818 hr

	Field	1	2	3	4	
A. Init Hydro	1553.0	0.0	1543.0	0.0	0.0	T STARTED 1300 hr
B. First Flow	43.0	0.0	21.0	0.0	0.0	T ON BOTM 1431 hr
B1. Final Flow	43.0	0.0	28.0	0.0	0.0	T OPEN 1433 hr
C. In Shut-in	130.0	0.0	150.0	0.0	0.0	T PULLED 1818 hr
D. Init Flow	54.0	0.0	26.0	0.0	0.0	T OUT 2015 hr
E. Final Flow	65.0	0.0	41.0	0.0	0.0	
F. Fl Shut-in	163.0	0.0	150.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1532.0	0.0	1515.0	0.0	0.0	Tool Wt. 1800.00 lbs
Inside/Outside	O	O	I			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 75000.00 lbs
						Initial Str Wt 60000.00 lbs
						Unseated Str Wt 60000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.78 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 545.00 ft
						D.P. Length 2565.00 ft

RECOVERY

Tot Fluid 65.00 ft of 65.00 ft in DC and 0.00 ft in DP
 65.00 ft of Drilling mud
 0.00 ft of 100%
 0.00 ft of ft pay 10ft
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 SALINITY 0.00 P.P.M. A.P.I. Gravity 0.00

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 CONSERVATION DIVISION
 WICHITA, KS

BLOW DESCRIPTION

Initial Flow:
 Strong blow bottom of bucket in 11 minutes.
 Initial Shut-In:
 No blow back. Bled off 2"
 Final Flow:
 Strong blow bottom of bucket in 30 seconds. Gas to surface in 34 minutes
 MCF @ 12,100
 Final Shut-In:
 No blow back.

SAMPLES: Yes 1
 SENT TO: Caraway Lab Liberal

Test Successful: Y

MUD DATA-----

Mud Type	Chemical
Weight	9.40 lb/c
Vis.	46.00 S/L
W.L.	7.20 in3
F.C.	0.00 in
Mud Drop Y	50.0 ft
Amt. of fill	0.00 ft
Btm. H. Temp.	111.00 F
Hole Condition	Good
% Porosity	14.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out N	
Tool Chased N	
Tester	Mike Colantonio
Co. Rep.	George Payne
Contr.	Val Energy
Rig #	#1
Unit #	
Pump T.	

TRILOBITE TESTING L.L.C.

ORIGINAL

OPERATOR : Pioneer Oil Comp. Inc.
 WELL NAME: Lemon #1-827
 LOCATION : 27-32S-41W Morton co KS
 INTERVAL : 3158.00 To 3196.00 ft

DATE 12-5-00

KB 3402.00 ft TICKET NO: 12259 DST ##2
 GR 3397.00 ft FORMATION: 2nd. Topeka Zone
 TD 3196.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 15 Rec.	10993	10993	2357			PF Fr. 0620 to 0635 hr
SI 45 Range(Psi)	4250.0	4250.0	4995.0	0.0	0.0	IS Fr. 0635 to 0720 hr
SF 30 Clock(hrs)	12HR	12HR.	Elet			SF Fr. 0720 to 0750 hr
FS 30 Depth(ft)	3194.0	3194.0	3160.0	0.0	0.0	FS Fr. 0750 to 0820 hr

	Field	1	2	3	4	
A. Init Hydro	1725.0	0.0	1584.0	0.0	0.0	T STARTED 0435 hr
B. First Flow	65.0	0.0	16.0	0.0	0.0	T ON BOTM 0618 hr
Bl. Final Flow	76.0	0.0	20.0	0.0	0.0	T OPEN 0620 hr
C. In Shut-in	380.0	0.0	407.0	0.0	0.0	T PULLED 0820 hr
D. Init Flow	97.0	0.0	23.0	0.0	0.0	T OUT 1000 hr
E. Final Flow	54.0	0.0	27.0	0.0	0.0	
F. Fl Shut-in	163.0	0.0	176.0	0.0	0.0	
G. Final Hydro	1618.0	0.0	1524.0	0.0	0.0	TOOL DATA-----
Inside/Outside	O	O	I			Tool Wt. 1800.00 lbs
						Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 70000.00 lbs
						Initial Str Wt 60000.00 lbs
						Unseated Str Wt 60000.00 lbs
						Bot. Choke 0.75 in
						Hole Size 7.78 in
						D. Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 545.00 ft
						D.P. Length 2595.00 ft

RECOVERY

Tot Fluid 15.00 ft of 15.00 ft in DC and 0.00 ft in DP
 15.00 ft of Drilling mud
 0.00 ft of 100%
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of

SALINITY 0.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:
 Weak surface blow
 Initial Shut-In:
 No blow back
 Final flow:
 NO blow
 Final Shut-In:
 No blow back.

RECEIVED
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CONSERVATION DIVISION
 WICHITA, KS

SAMPLES:

SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	9.40 lb/cf
Vis.	46.00 S/L
W.L.	7.20 in3
F.C.	0.00 in
Mud Drop Y	50.0 ft
Amt. of fill	0.00 ft
Btm. H. Temp.	111.00 F
Hole Condition	Good
% Porosity	8.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out N	
Tool Chased N	
Tester	Mike Colantonio
Co. Rep.	George Payne
Contr.	Val Energy
Rig #	#1
Unit #	
Pump T.	

Test Successful: Y

ALLIED CEMENTING CO., INC.

Federal Tax I.D.# 48-0727860

5394 ORIGINAL

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Oakley

DATE 12/6/60	SEC. 27	TWP. 32s	RANGE 41W	CALLED OUT	ON LOCATION 11:00 AM	JOB START 7:05 AM	JOB FINISH 5:07 AM
LEASE LEMON	WELL# 1-827	LOCATION Richfield 1 1/2 E 1 1/2 S W/4			COUNTY Morton	STATE KS	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Val Energy #1
TYPE OF JOB Cnt 4 1/2 Prod. Csg
HOLE SIZE 7 1/2 T.D. 3250
CASING SIZE 4 1/2 10.5" DEPTH 3250
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX 1300 MINIMUM 100
MEAS. LINE SHOE JOINT 20
CEMENT LEFT IN CSG. 20
PERFS.
DISPLACEMENT 51.36

OWNER Sam
CEMENT
AMOUNT ORDERED Seagal WFA #
260 sks Lite weight 4 1/2" Flo-seal
100 sks class C + 5" Gilsonite
COMMON class C 1000' @ 9.35 935.00
POZMIX @
GEL @
CHLORIDE @
Lite weight 260 sks @ 6.65 1729.00
Gilsonite 500 # @ .41 205.00
Flo-seal 65 # @ 1.15 74.75
WFA # 500 gal @ 1.00 500.00
HANDLING 390 sks @ 1.05 409.50
MILEAGE 44 1/2 mi 546.00
TOTAL 4399.25

EQUIPMENT

PUMP TRUCK CEMENTER Max
191 HELPER Dean
BULK TRUCK
250 DRIVER Terry
BULK TRUCK
218 DRIVER Wayne

REMARKS:

Plug float hole with 15 sks Lite Pump
Seagal Mod Flo-seal Cnt Csg with 245 sks
Lite + 100 sks class C Prop Plug
Working Pump + Lines Displace 51.5 MM
Land Plug Float Hold

SERVICE

DEPTH OF JOB 3250
PUMP TRUCK CHARGE 1080.00
EXTRA FOOTAGE @
MILEAGE 35 mi @ 3.00 105.00
PLUG @
Rotating Head @ 75.00
TOTAL 1260.00

CHARGE TO: Pioneer Oil Co.
STREET
CITY STATE ZIP

FLOAT EQUIPMENT

1-4 1/2 AFU Float Shoe @ 200.00
6-4 1/2 Centralizers @ 45.00 360.00
1-4 1/2 Cement Masker @ 116.00
4 1/2 Catch Down Plug @ 300.00
TOTAL 976.00

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 is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX
TOTAL CHARGE 6635.25
DISCOUNT 663.53 IF PAID IN 30 DAYS
5971.72

SIGNATURE 

G.A. Payne
PRINTED NAME

ALLIED CEMENTING CO., INC. 4754

Federal Tax I.D.# 48-0727860

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: ORIGINAL
OAKLEY

DATE <u>12-1-00</u>	SEC. <u>27</u>	TWP. <u>32S</u>	RANGE <u>H1W</u>	CALLED OUT	ON LOCATION <u>6:00 AM</u>	JOB START <u>8:15 PM</u>	JOB FINISH <u>9:15 PM</u>
LEASE <u>LEMON</u>	WELL # <u>1-827</u>	LOCATION <u>RICHFIELD 1/2 E-135</u>	COUNTY <u>MORTON</u>	STATE <u>KS</u>			

OLD OR NEW (Circle one)

CONTRACTOR <u>UAL OALG RIG # 1</u>	OWNER <u>SAME</u>
TYPE OF JOB <u>SURFACE</u>	
HOLE SIZE <u>12 1/4"</u> T.D. <u>1475'</u>	CEMENT
CASING SIZE <u>8 7/8"</u> DEPTH <u>1469'</u>	AMOUNT ORDERED <u>150SKS COM 3%CC</u>
TUBING SIZE DEPTH	<u>550 SK, LITE 3%CC 1/4" FLO-SEAL</u>
DRILL PIPE DEPTH	
TOOL DEPTH	
PRES. MAX MINIMUM	COMMON _____ @ _____
MEAS. LINE SHOE JOINT	POZMIX _____ @ _____
CEMENT LEFT IN CSG.	GEL _____ @ _____
PERFS.	CHLORIDE _____ @ _____
DISPLACEMENT <u>91 BBL</u>	_____ @ _____
EQUIPMENT	_____ @ _____
PUMP TRUCK CEMENTER <u>TERRY</u>	_____ @ _____
# <u>300</u> HELPER <u>WAYNE MAX</u>	_____ @ _____
BULK TRUCK	HANDLING _____ @ _____
# DRIVER <u>DEAN</u>	MILEAGE _____ @ _____
BULK TRUCK	
# <u>222</u> DRIVER <u>JIM TROY</u>	TOTAL _____
<u>260</u>	

REMARKS:

SERVICE

<u>CEMENT DIO CIRC.</u>	DEPTH OF JOB <u>1469'</u>
<u>PLUG LANDED</u>	PUMP TRUCK CHARGE _____
<u>FLOAT HELD</u>	EXTRA FOOTAGE _____ @ _____
	MILEAGE _____ @ _____
	PLUG <u>8 7/8" RUBBER</u> @ _____
	_____ @ _____
<u>THANK YOU</u>	_____ @ _____
	TOTAL _____

CHARGE TO: PIONEER OIL CO.

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

8 7/8"

<u>1- GUIDE SHOE</u>	@	_____
<u>1- AFU INSERT</u>	@	_____
<u>3- CENTRALIZERS</u>	@	_____
<u>1- BASKET</u>	@	_____
	@	_____

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 is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TOTAL _____

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE [Signature]

G. A. Payne
PRINTED NAME