

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

API #15-135-23,794-00-00

County Ness
100' NE of
C NE - SW - SW - Sec. 23 Twp. 16S Rge. 25 X E

Operator: License # 4959
Name: ZPC Petroleum, Inc.
Address 9319 East Harry, Suite #122

1065 Feet from (S)K (circle one) Line of Section
4215 Feet from (E)W (circle one) Line of Section

City/State/Zip Wichita, KS 67207

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

Purchaser: N/A
Operator Contact Person: Jon R. (Zeb) Stewart
Phone (316) -683-8838

Lease Name KSU Well # 1
Field Name Arnold

Contractor: Name: Emphasis Oil Operations
License: 8241
Wellsite Geologist: Zeb Stewart

Producing Formation None
Elevation: Ground 2569' KB 2574'
Total Depth 5130' PBTD _____

Designate Type of Completion
 New Well _____ Re-Entry _____ Workover _____
____ Oil _____ SWD _____ SIOW _____ Temp. Abd.
____ Gas _____ EMHR _____ SIGW _____
 Dry _____ Other (Core, WSW, Expl., Cathodic, etc)

Amount of Surface Pipe Set and Cemented at 255 Feet
Multiple Stage Cementing Collar Used? _____ Yes _____ No
If yes, show depth set _____ Feet

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. _____
12/2/93 12/16/93 12/17/93
Spud Date Date Reached TD Completion Date

If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ ex cmt.
Drilling Fluid Management Plan D&A JH 2-9-95
(Data must be collected from the Reserve Pit)

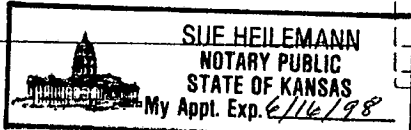
Chloride content 3500 ppm Fluid volume 744 bbls
Dewatering method used evaporation
Location of fluid disposal if hauled offsite: _____

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, 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 Jon R Stewart
Title PRESIDENT Date 9-1-94
Subscribed and sworn to before me this 1st day of September, 19 94.
Notary Public Sue Heilemann
Date Commission Expires 6/16/98



STATE RECEIVED
CORPORATION COMMISSION
K.C.C. OFFICE USE ONLY
F _____ Letter of Confidentiality Attached
C _____ Wireline Log Received
C _____ Geologist Report Received
SEP 12 1994
9-12-94
CONSERVATION DIVISION
WICHITA, KANSAS
Distribution _____
____ KCC _____ SWD/Rep _____
____ KGS _____ Plug _____
(Specify)

Operator Name ZPC Petroleum, Inc. Lease Name KSU Well # 1

Sec. 23 Twp. 16S Rge. 25 East West County Ness

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.)

List All E.Logs Run:

Name	Top	Datum
Anhydrite	1934	(+640)
Heebner	3889	(-1312)
Lansing	3924	(-1350)
B/KC	4234	(-1660)
Pawnee	4350	(-1776)
Mississippian	4529	(-1955)
Arbuckle		not penetrated
RTD	5130	(-2556)
LTD		no log run

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	10 1/4"	8 5/8"	20#	255'	40/60Poz	150	3%gel2%CaCl

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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		Amount and Kind of Material Used	Depth

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumed Production, SWD or In] D & A Producing Method Flowing Pumping Gas Lift Other (Explain)

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

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

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

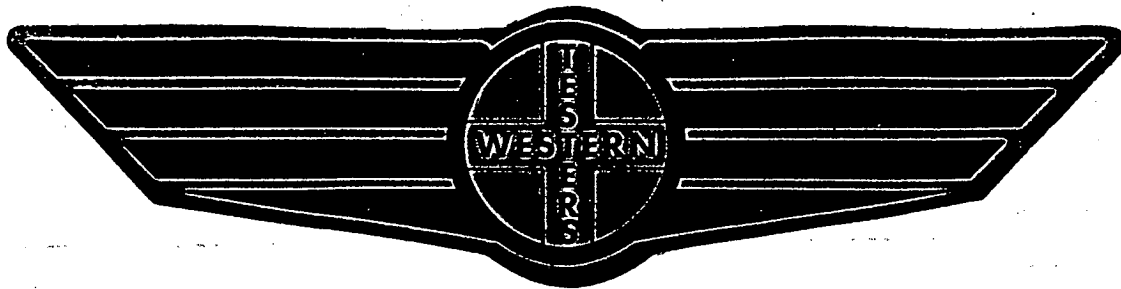
Production Interval _____

ORIGINAL

FORMATION

TEST

REPORT



Home Office: Wichita, Kansas 67201

P.O. Box 1599

Phone 1-800-688-7021

COMPANY ZPC PETROLEUM, INC.

LEASE & WELL NO. #1 KSU

SFC. 23 TWP. 16S RCF. 25W TEST NO. 1

DATE 12/8/93

DST REPORT

GENERAL INFORMATION

DATE : 12/08/93
CUSTOMER : ZPC PETROLEUM INC.
WELL : #1 TEST: 1
ELEVATION:
SECTION : 23
RANGE : 25W COUNTY: NESS
GAUGE SN#: 10979 RANGE : 4100
TICKET : 20205
LEASE : KSU
GEOLOGIST: JEB STEWART
FORMATION: MISSISSIPPI
TOWNSHIP : 16S
STATE : KS
CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 4478.00 ft TO: 4535.00 ft TVD: 4535.0 ft
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL
DEPTH OF RECORDERS: 4529.0 ft 4532.0 ft
TEMPERATURE: 119.0
DRILL COLLAR LENGTH: 30.0 ft I.D.: 2.250 in
WEIGHT PIPE LENGTH : 0.0 ft I.D.: 0.000 in
DRILL PIPE LENGTH : 4428.0 ft I.D.: 3.800 in
TEST TOOL LENGTH : 20.0 ft TOOL SIZE : 5.500 in
ANCHOR LENGTH : 57.0 ft ANCHOR SIZE: 5.500 in
SURFACE CHOKE SIZE : 0.750 in BOTTOM CHOKE SIZE: 0.750 in
MAIN HOLE SIZE : 7.875 in TOOL JOINT SIZE : 4.5XH
PACKER DEPTH: 4473.0 ft SIZE: 6.630 in
PACKER DEPTH: 4478.0 ft SIZE: 6.630 in
PACKER DEPTH: 0.0 ft SIZE: 0.000 in
PACKER DEPTH: 0.0 ft SIZE: 0.000 in

MUD INFORMATION

DRILLING CON. : EMPHASIS #7
MUD TYPE : CHEMICAL VISCOSITY : 48.00 cp
WEIGHT : 9.400 ppg WATER LOSS: 10.200 cc
CHLORIDES : 4000 ppm
JARS-MAKE :
DID WELL FLOW?: NO SERIAL NUMBER:
REVERSED OUT?: NO

COMMENTS

Comment

VERY WEAK BLOW ON TOP OF BUCKET ON INITIAL FLOW
PERIOD. VERY WEAK SURFACE BLOW ON FINAL FLOW
PERIOD.

ORIGINAL

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
10.0	20.0	0.0	0.0	80.0	OIL CUT MUD
6.0	100.0	0.0	0.0	0.0	FREE OIL
0.0	0.0	0.0	0.0	0.0	40 GRAVITY CORRECTED AT
0.0	0.0	0.0	0.0	0.0	60 DEGREES F.

RATE INFORMATION

OIL VOLUME:	0.0393 STB	TOTAL FLOW TIME:	60.0000 min.
GAS VOLUME:	0.0000 SCF	AVERAGE OIL RATE:	1.8883 STB/D
MUD VOLUME:	0.0393 STB	AVERAGE WATER RATE:	0.0000 STB/D
WATER VOLUME:	0.0000 STB		
TOTAL FLUID :	0.0787 STB		

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2255.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	85.00	85.00
INITIAL SHUT-IN	60.00		905.00
FINAL FLOW	30.00	105.00	95.00
FINAL SHUT-IN	60.00		825.00

FINAL HYDROSTATIC PRESSURE: 2245.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2286.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	59.00	59.00
INITIAL SHUT-IN	63.00		471.00
FINAL FLOW	30.00	65.00	59.00
FINAL SHUT-IN	60.00		305.00

FINAL HYDROSTATIC PRESSURE: 2258.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 12/08/93	TICKET : 20205
CUSTOMER : ZPC PETROLEUM INC.	LEASE : KSU
WELL : #1 TEST: 1	GEOLOGIST: JEB STEWART
ELEVATION:	FORMATION: MISSISSIPPI
SECTION : 23	TOWNSHIP : 16S
RANGE : 25W COUNTY: NESS	STATE : KS
GAUGE SN#: 10979 RANGE : 4100	CLOCK : 12

INITIAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	59.00	59.00
5.00	59.00	0.00
10.00	59.00	0.00
15.00	59.00	0.00
20.00	59.00	0.00
25.00	59.00	0.00
30.00	59.00	0.00

INITIAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	59.00	59.00	11.00
6.00	62.00	3.00	6.00
9.00	67.00	5.00	4.33
12.00	74.00	7.00	3.50
15.00	88.00	14.00	3.00
18.00	107.00	19.00	2.67
21.00	128.00	21.00	2.43
24.00	149.00	21.00	2.25
27.00	172.00	23.00	2.11
30.00	201.00	29.00	2.00
33.00	226.00	25.00	1.91
36.00	255.00	29.00	1.83
39.00	281.00	26.00	1.77
42.00	308.00	27.00	1.71
45.00	337.00	29.00	1.67
48.00	362.00	25.00	1.63
51.00	387.00	25.00	1.59
54.00	408.00	21.00	1.56
57.00	431.00	23.00	1.53

PRESSURE TRANSIENT REPORT (CONTINUED)

INITIAL SHUT IN (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
60.00	452.00	21.00	1.50
63.00	471.00	19.00	1.48

FINAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	65.00	65.00
5.00	65.00	0.00
10.00	61.00	-4.00
15.00	59.00	-2.00
20.00	59.00	0.00
25.00	59.00	0.00
30.00	59.00	0.00

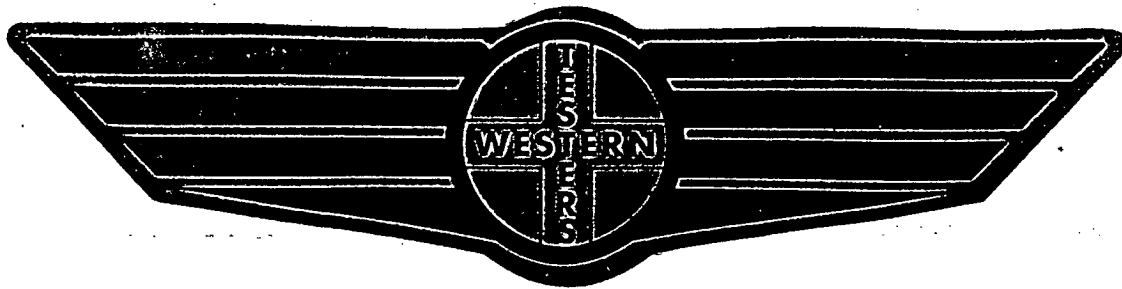
FINAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	60.00	60.00	11.00
6.00	63.00	3.00	6.00
9.00	68.00	5.00	4.33
12.00	74.00	6.00	3.50
15.00	84.00	10.00	3.00
18.00	95.00	11.00	2.67
21.00	106.00	11.00	2.43
24.00	118.00	12.00	2.25
27.00	132.00	14.00	2.11
30.00	146.00	14.00	2.00
33.00	157.00	11.00	1.91
36.00	176.00	19.00	1.83
39.00	188.00	12.00	1.77
42.00	201.00	13.00	1.71
45.00	212.00	11.00	1.67
48.00	236.00	24.00	1.63
51.00	254.00	18.00	1.59
54.00	268.00	14.00	1.56
57.00	285.00	17.00	1.53
60.00	305.00	20.00	1.50

ORIGINAL

FORMATION TEST REPORT

COMPANY ZPC PETROLEUM, INC. I.F.A.S.F. & W.F.I.L. NO. #1 KSU S.F.C. 23 T.M.P. 16S R.C.F. 25W T.T.E.S.T. NO. 2 DATE 12/9/93



Home Office: Wichita, Kansas 67201

P.O. Box 1599

Phone 1-800-688-7021

DST REPORT

GENERAL INFORMATION

DATE : 12/09/93 TICKET : 20206
CUSTOMER : ZPC PETROLEUM INC. LEASE : KSU
WELL : #1 TEST: 2 GEOLOGIST: JEB STEWART
ELEVATION: FORMATION: MISSISSIPPI
SECTION : 23 TOWNSHIP : 16S
RANGE : 25W COUNTY: NESS STATE : KS
GAUGE SN#: 10979 RANGE : 4100 CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 4478.00 ft TO: 4550.00 ft TVD: 4550.0 ft
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL
DEPTH OF RECORDERS: 4544.0 ft 4547.0 ft
TEMPERATURE: 0.0

DRILL COLLAR LENGTH:	30.0 ft	I.D.:	2.250 in
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:	0.000 in
DRILL PIPE LENGTH :	4428.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH :	20.0 ft	TOOL SIZE :	5.500 in
ANCHOR LENGTH :	72.0 ft	ANCHOR SIZE:	5.500 in
SURFACE CHOKE SIZE :	0.750 in	BOTTOM CHOKE SIZE:	0.750 in
MAIN HOLE SIZE :	7.875 in	TOOL JOINT SIZE :	4.5XH
PACKER DEPTH:	4473.0 ft	SIZE:	6.630 in
PACKER DEPTH:	4478.0 ft	SIZE:	6.630 in
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in

MUD INFORMATION

DRILLING CON. : EMPHASIS #7
MUD TYPE : CHEMICAL VISCOSITY : 43.00 cp
WEIGHT : 9.500 ppg WATER LOSS: 9.600 cc
CHLORIDES : 3500 ppm
JARS-MAKE :
DID WELL FLOW?: NO SERIAL NUMBER:
REVERSED OUT?: NO

COMMENTS

Comment

WEAK BLOW 4" IN BUCKET ON INITIAL FLOW PERIOD.
WEAK BLOW 2" IN BUCKET ON FINAL FLOW PERIOD.

ORIGINAL

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
75.0	50.0	0.0	0.0	50.0	OIL CUT MUD
5.0	100.0	0.0	0.0	0.0	FREE OIL
0.0	0.0	0.0	0.0	0.0	40 GRAVITY CORRECTED AT
0.0	0.0	0.0	0.0	0.0	60 DEGREES F.

RATE INFORMATION

OIL VOLUME:	0.4367 STB		TOTAL FLOW TIME:	60.0000 min.
GAS VOLUME:	0.0000 SCF		AVERAGE OIL RATE:	20.3722 STB/D
MUD VOLUME:	0.4121 STB		AVERAGE WATER RATE:	0.0000 STB/D
WATER VOLUME:	0.0000 STB			
TOTAL FLUID :	0.8488 STB			

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2255.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	85.00	85.00
INITIAL SHUT-IN	60.00		905.00
FINAL FLOW	30.00	105.00	95.00
FINAL SHUT-IN	60.00		825.00

FINAL HYDROSTATIC PRESSURE: 2245.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2286.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	84.00	84.00
INITIAL SHUT-IN	63.00		901.00
FINAL FLOW	30.00	93.00	93.00
FINAL SHUT-IN	72.00		842.00

FINAL HYDROSTATIC PRESSURE: 2258.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 12/09/93	TICKET : 20206
CUSTOMER : ZPC PETROLEUM INC.	LEASE : KSU
WELL : #1	TEST: 2
ELEVATION:	GEOLOGIST: JEB STEWART
SECTION : 23	FORMATION: MISSISSIPPI
RANGE : 25W	TOWNSHIP : 16S
COUNTY: NESS	STATE : KS
RANGE : 4100	CLOCK : 12
GAUGE SN#: 10979	

INITIAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	84.00	84.00
5.00	84.00	0.00
10.00	84.00	0.00
15.00	84.00	0.00
20.00	84.00	0.00
25.00	84.00	0.00
30.00	84.00	0.00

INITIAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	88.00	88.00	11.00
6.00	114.00	26.00	6.00
9.00	185.00	71.00	4.33
12.00	247.00	62.00	3.50
15.00	355.00	108.00	3.00
18.00	452.00	97.00	2.67
21.00	527.00	75.00	2.43
24.00	588.00	61.00	2.25
27.00	633.00	45.00	2.11
30.00	681.00	48.00	2.00
33.00	714.00	33.00	1.91
36.00	743.00	29.00	1.83
39.00	772.00	29.00	1.77
42.00	791.00	19.00	1.71
45.00	810.00	19.00	1.67
48.00	830.00	20.00	1.63
51.00	851.00	21.00	1.59
54.00	861.00	10.00	1.56
57.00	878.00	17.00	1.53

PRESSURE TRANSIENT REPORT (CONTINUED)

INITIAL SHUT IN (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
60.00	886.00	8.00	1.50
63.00	901.00	15.00	1.48

FINAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	93.00	93.00
5.00	93.00	0.00
10.00	93.00	0.00
15.00	93.00	0.00
20.00	93.00	0.00
25.00	93.00	0.00
30.00	93.00	0.00

FINAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	93.00	93.00	11.00
6.00	98.00	5.00	6.00
9.00	149.00	51.00	4.33
12.00	214.00	65.00	3.50
15.00	291.00	77.00	3.00
18.00	370.00	79.00	2.67
21.00	429.00	59.00	2.43
24.00	486.00	57.00	2.25
27.00	535.00	49.00	2.11
30.00	575.00	40.00	2.00
33.00	616.00	41.00	1.91
36.00	647.00	31.00	1.83
39.00	676.00	29.00	1.77
42.00	696.00	20.00	1.71
45.00	720.00	24.00	1.67
48.00	740.00	20.00	1.63
51.00	758.00	18.00	1.59
54.00	766.00	8.00	1.56
57.00	787.00	21.00	1.53
60.00	797.00	10.00	1.50
63.00	810.00	13.00	1.48

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL SHUT IN (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
66.00	823.00	13.00	1.45
69.00	835.00	12.00	1.43
72.00	842.00	7.00	1.42

API#15-135-23794

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

ORIGINAL

Drill-Stem Test Data

Well Name K-STATE #1-23 Test No. 3 Date 12/12/93
 Company ZPC PETROLEUM, INC. Zone MISS
 Address 9319 E HARRY SWT #122 WICHITA KS 67207 Elevation 2558 KB
 Co. Rep./Geo. ZEB STEWART Cont. EMPHASIS DRLG RIG #7 Est. Ft. of Pay _____
 Location: Sec. 23 Twp. 16S Rge. 25W Co. NESS State KS

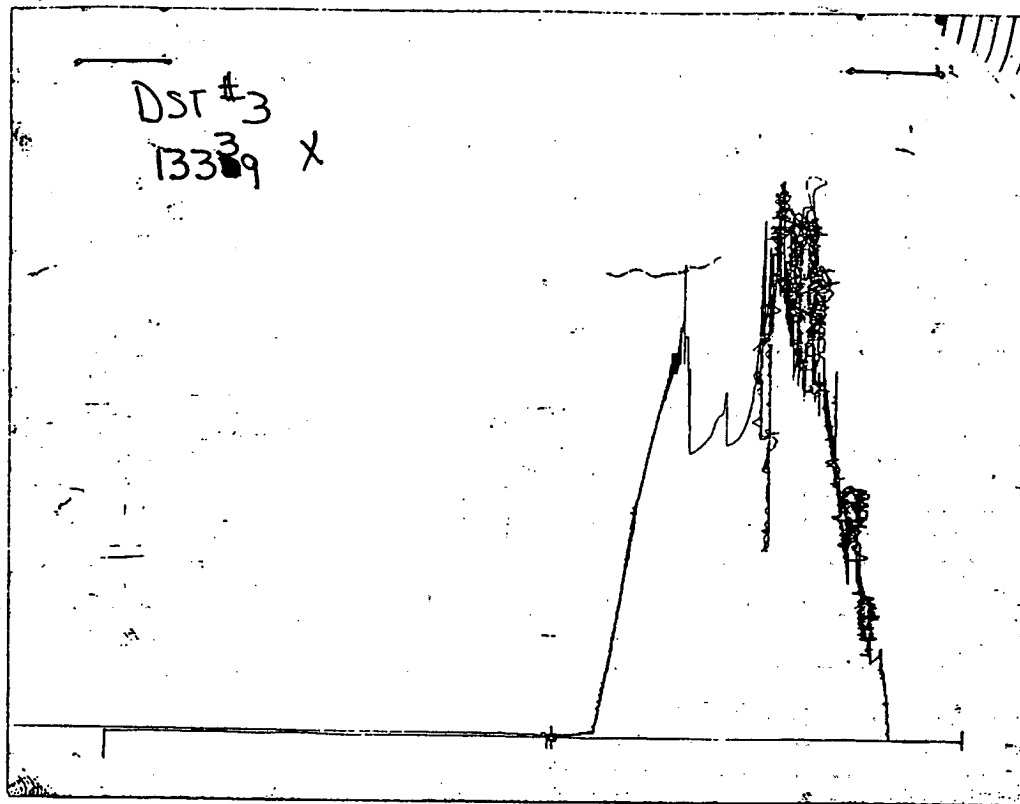
Interval Tested 4576-4710 Drill Pipe Size 4.5" XH
 Anchor Length 134 Wt. Pipe I.D. - 2.7 Ft. Run _____
 Top Packer Depth 4571 Drill Collar - 2.25 Ft. Run 30
 Bottom Packer Depth 4576 Mud Wt. _____ lb/Gal.
 Total Depth 4710 Viscosity _____ Filtrate _____

Tool Open @ 8:10 AM Initial Blow TOOL OPENED AND SLID 55' TO BOTTOM-CEMENT PLUG
FELL 25' TO 4735' - PACKER SET @4601/ HAD WEAK 1/4" INTERMITTEN BLOW
 Final Blow LOSING 30' PLUS OF MUD IN 5 MINUTES THROUGH
INITIAL OPEN & SHUT IN-TRIPPED OUT OF HOLE @ COMPANY ORDERS

Recovery - Total Feet 150 Flush Tool? NO
 Rec. 150 Feet of HEAVY DRILLING MUD
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____

BHT 120 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides _____ ppm System

(A) Initial Hydrostatic Mud 2377.2 PSI AK1 Recorder No. 13309 Range 4700
 (B) First Initial Flow Pressure _____ PSI @ (depth) 4602 w / Clock No. 22992
 (C) First Final Flow Pressure _____ PSI AK1 Recorder No. 13339 Range 4025
 (D) Initial Shut-in Pressure _____ PSI @ (depth) 4607 w / Clock No. 19960
 (E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____
 (F) Second Final Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____
 (G) Final Shut-in Pressure _____ PSI Initial Opening 25 Final Flow _____
 (H) Final Hydrostatic Mud 2114.9 PSI Initial Shut-in 30 Final Shut-in _____



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2373	2377.2
(B) FIRST INITIAL FLOW PRESSURE		
(C) FIRST FINAL FLOW PRESSURE		
(D) INITIAL CLOSED-IN PRESSURE		
(E) SECOND INITIAL FLOW PRESSURE		
(F) SECOND FINAL FLOW PRESSURE		
(G) FINAL CLOSED-IN PRESSURE		
(H) FINAL HYDROSTATIC MUD	2103	2114.9

ORIGINAL

Phone 316-793-5861, Great Bend, Kansas

Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

No 3204

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date <i>12-2-93</i>	Sec. <i>23</i>	Twp. <i>16</i>	Range <i>25</i>	Called Out <i>1:30 pm</i>	On Location <i>3:15 pm</i>	Job Start <i>4:00 pm</i>	Finish <i>4:15 pm</i>
Lease <i>K-state</i>	Well No. <i>1</i>	Location <i>Arnold 1W 1/4 N E into</i>			County <i>Ness</i>	State <i>KS</i>	
Contractor <i>Emphasis Oil Operations</i>				Owner <i>ZPC</i>			
Type Job <i>Surface</i>				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.			
Hole Size <i>12 1/4</i>	T.D. <i>257'</i>						
Csg. <i>8 5/8</i>	Depth <i>255'</i>						
Tbg. Size	Depth						
Drill Pipe	Depth						
Tool	Depth						
Cement Left in Csg. <i>15'</i>	Shoe Joint						
Press Max.	Minimum						
Meas Line	Displace <i>15.3 bbl</i>						
Perf.							

Next Mt. Bend

EQUIPMENT		
No.	Cementer	
Pumptrk # <i>120</i>	Helper	
No.	Cementer	<i>J.D.</i>
Pumptrk	Helper	<i>Bud</i>
<i>Ness</i>	Driver	<i>Rick</i>
Bulktrk # <i>69</i>	Driver	

DEPTH of Job	
Reference:	<i>Pump trk charge</i>
	<i>Milage</i>
<i>1 8 5/8 TWP</i>	
	Sub Total
	Tax
	Total

Remarks: *Cement did circulate*

Thank you.

CEMENT

Amount Ordered *1500x 60/40 27% gel 3% cc*

Consisting of

Common	
Poz. Mix	
Gel.	
Chloride	
Quickset	
Sales Tax	
Handling	
Milage	
Sub Total	
Total	
Floating Equipment	

RECEIVED
STATE CORPORATION COMMISSION
SEP 12 1994
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.

Home Office P. O. Box 31

Russell, Kansas 67665

3775

New

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
12-11-93	23	16	25	3:45 AM	7:00 AM	7:45 AM	5:00 PM
Lease	Well No.	Location			County	State	
KSD	1-23	Arnold, 1W, 1/4N, E into			Ness	KS	

Contractor **Emphasis #7**

Type Job

Hole Size	T.D.
7 7/8"	4790'
Csg.	Depth
Tbg. Size	Depth
Drill Pipe	Depth
4 1/2"	4765'
Tool	Depth
Cement Left in Csg.	Shoe Joint
Press Max.	Minimum
Meas Line	Displace
Perf.	

Owner **Same**

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 **ZPC Petroleum, Inc**

Street **9319 E. Harry Suite 122**

City **Wichita** State **KS 67207**

The above was done to satisfaction and supervision of owner agent or contractor. **683-9838**

Purchase Order No.

X **Sam Fritz**

CEMENT

EQUIPMENT

#	No.	Cementer	Helper
Pumptrk	181	Tim	Bud
Pumptrk			
Bulktrk	101	Rick	
Bulktrk			

Amount Ordered **100SKS COMMON, 1 1/2 cc, 1/4 flossal/sk**

Consisting of

Common	
Poz. Mix	
Gel.	
Chloride	
Quickset	

Sales Tax

DEPTH of Job

Reference:	Pumptrk Charge	
	Pumptrk Mileage	
		Sub Total
		Tax
		Total

Handling

Mileage

Sub Total

Total

Remarks: **Spotted 50SKS COMMON, 1 1/2 cc, 1/4 flossal Per SK at 4765'. Waited 2 1/2 hrs. Hole would not fill. Spotted another 50SKS COMMON 1 1/2 cc, 1/4 flossal/sk at 4765'. Waited 3 hrs. Filled Hole & Circulated.**

Floating Equipment

STATE CORPORATION COMMISSION

RECEIVED

SEP 12 1994

CONSERVATION DIVISION

WICHITA, KANSAS