

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- 193-20,572-00-00
County Thomas

SW - SW Sec. 21 Twp. 9S Rge. 32 X W E

660' Feet from S (circle one) Line of Section
660' Feet from E (circle one) Line of Section

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

Lease Name Renner Well # 1

Field Name Ohl West

Producing Formation _____

Elevation: Ground 3092' KB 3097'

Total Depth 4730' PBDT 4800'

Amount of Surface Pipe Set and Cemented at 299 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 AIT II DVA
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal site: RECEIVED

WICHITA GAS CORPORATION COMMISSION

Operator Name _____

Lease Name NOV 7 1991 License No. _____

Quarter 11-7-1991 Sec. 21 Twp. 9S Rng. _____ E/W

County WICHITA Docket No. _____

Operator: License # 9121

Name: Kiwanda Energy, Inc.

Address 8101 E. Prentice Ave., Ste. 608

City/State/Zip Englewood, CO 80111

Purchaser: _____

Operator Contact Person: Earl Ochampaugh

Phone (303) 721-7047

Contractor: Name: Murfin Drilling Company, Inc.

License: 30606

Wellsite Geologist: _____

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/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back _____ PBDT
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Inj?) _____ Docket No. _____

10/5/91 10/13/91 10/13/91
Spud Date Date Reached TD Completion Date

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.

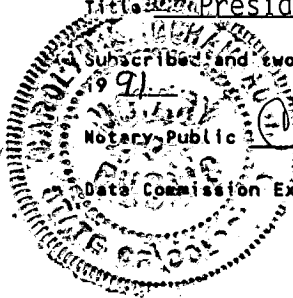
Signature Kiwanda Energy, Inc.
Earl Ochampaugh

Title President Date 11/5/91

Subscribed and sworn to before me this 5th day of November.

Notary Public Carolyn L. Ochampaugh

Date Commission Expires November 6, 1994



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)

Operator Name Kiwanda Energy, Inc. Lease Name Renner Well # 1

Sec. 21 Twp. 9S Rge. 32 East County Thomas

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.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Anhydrite	2648 (+449) ^{TP}	Datum G.L. 3092'
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No	Heebner	4046 (-949)	K.B. 3097'
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Lansing	4048 (-991)	
List All E.Logs Run:		Stark	4301 (-1204)	
		BKC	4364 (-1267)	
		Pawnee	4491 (-1394)	
		Fort Scott	4552 (-1455)	
		Cherokee	4582 (-1485)	
		Mississippian	4668 (-1571)	
		LTD/RTD	4730 (-1633)	

CASING RECORD <input 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#	299'	60/40	190	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				
<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

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

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

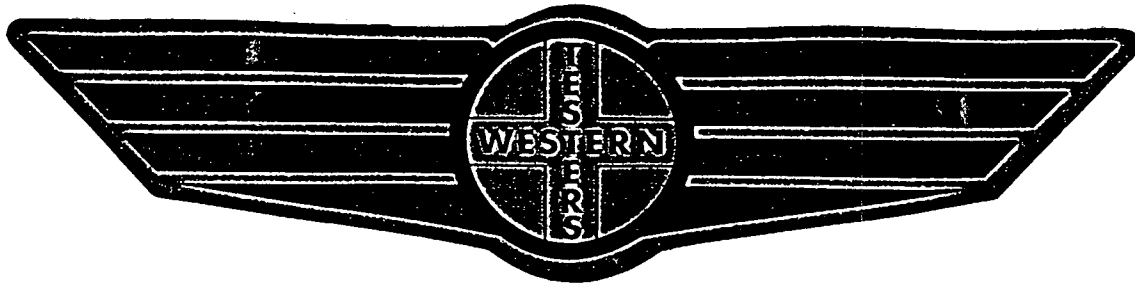
METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval: _____

ORIGINAL

15-193-20572-00-00

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 1 - 800-688-7021

COMPANY KIWANDA ENERGY, INC.

LEASE & WELL NO. RENNER #1

SEC. 21 TWP. 9S RGE. 21W TEST NO. 1 DATE 10/9/91

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE : 10-9-91 TICKET : 18049
CUSTOMER : KIWANDA ENERGY INC. LEASE : RENNER
WELL : 1 TEST: 1 GEOLOGIST : ALBERTS
ELEVATION : 3092 GR FORMATION : L KANSAS CITY E
SECTION : 21 TOWNSHIP : 9S
RANGE : 32W COUNTY : THOMAS STATE : KANSAS
GAUGE SN# : 6233 RANGE : 4000 CLOCK : 12

INTERVAL FROM : 4160 TO : 4176 TOTAL DEPTH : 4176
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 4155 SIZE : 6.75
PACKER DEPTH : 4160 SIZE : 6.75
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : MURFIN RIG 3
MUD TYPE : MONPAC VISCOSITY : 42
WEIGHT : 9.0 WATER LOSS (CC) : 9.6
CHLORIDES (PPM) : 1500
JARS-MAKE : SERIAL NUMBER :
DID WELL FLOW ? : NO REVERSED OUT ? : NO

DRILL COLLAR LENGTH : 236 FT I.D. inch : 2.20
WEIGHT PIPE LENGTH : 657 FT I.D. inch : 3.20
DRILL PIPE LENGTH : 3247 FT I.D. inch : 3.80
TEST TOOL LENGTH : 20 FT TOOL SIZE : 5.50
ANCHOR LENGTH : 16 FT ANCHOR SIZE : 5.50
SURFACE CHOKE SIZE : .75 IN BOTTOM CHOKE SIZE : .75
MAIN HOLE SIZE : 7.875 IN TOOL JOINT SIZE : 4.5XH

BLOW COMMENT #1 : INITIAL FLOW PERIOD WEAK SURFACE BLOW
BLOW COMMENT #2 : DIED IN 5 MINUTES.
BLOW COMMENT #3 : FINAL FLOW PERIOD NO BLOW.
BLOW COMMENT #4 :

ORIGINAL

15-193-20572-00-00

RECOVERED : 5 FT OF: MUD

Total Barrels Fluid = 0.02
Total Fluid Prod Rate = 0.56 BFPD
Indicated Wtr Rate = 0.06 BWPD

REMARK 1 :
REMARK 2 :
REMARK 3 :
REMARK 4 :

SET PACKER(S) : 5:35 P.M.

TIME STARTED OFF BOTTOM : 7:35 P.M.

WELL TEMPERATURE : 119

INITIAL HYDROSTATIC PRESSURE

INITIAL FLOW PERIOD MIN: 30

INITIAL CLOSED IN PERIOD MIN: 30

FINAL FLOW PERIOD MIN: 30

FINAL CLOSED IN PERIOD MIN: 33

FINAL HYDROSTATIC PRESSURE

(A) 2055

(B) 37

(D) 968

(E) 39

(G) 986

(H) 2013

PSI TO (C) : 37

PSI TO (F) : 43

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : KIWANDA ENERGY INC.
RIG : THOMAS-KANSAS
FIELD : RENNER
WELL : 1
DATE : 10-9-91
GAUGE NO : 6233

OPERATIONAL COMMENTS

ORIGINAL

COMPANY : KIWANDA ENERGY INC.
 WELL : 1
 GAUGE # : 6233
 DATE : 9/10/91

FIELD : RENNER
 JOB # : 18049
 DEPTH : 4176
 TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
INITIAL FLOW PERIOD					
2	5:35: 0	0.000	37.000	119.00	0.000
3	5:39:59	0.083	37.000	119.00	0.000
4	5:45: 0	0.167	37.000	119.00	0.000
5	5:50: 0	0.250	37.000	119.00	0.000
6	5:54:59	0.333	37.000	119.00	0.000
7	6: 0: 0	0.417	37.000	119.00	0.000
8	6: 5: 0	0.500	37.000	119.00	0.000
INITIAL SHUT-IN PERIOD					
9	6: 8: 0	0.550	39.000	119.00	2.000
10	6:11: 0	0.600	43.000	119.00	4.000
11	6:14: 0	0.650	50.000	119.00	7.000
12	6:17: 0	0.700	172.000	119.00	122.000
13	6:20: 0	0.750	370.000	119.00	198.000
14	6:23: 0	0.800	558.000	119.00	188.000
15	6:26: 0	0.850	695.000	119.00	137.000
16	6:29: 0	0.900	802.000	119.00	107.000
17	6:32: 0	0.950	890.000	119.00	88.000
18	6:35: 0	1.000	968.000	119.00	78.000
FINAL FLOW PERIOD					
19	6:36: 0	1.017	39.000	119.00	-929.000
20	6:39:59	1.083	39.000	119.00	0.000
21	6:45: 0	1.167	39.000	119.00	0.000
22	6:50: 0	1.250	39.000	119.00	0.000
23	6:54:59	1.333	41.000	119.00	2.000
24	7: 0: 0	1.417	42.000	119.00	1.000
25	7: 5: 0	1.500	43.000	119.00	1.000
FINAL SHUT-IN PERIOD					
26	7: 8: 0	1.550	43.000	119.00	0.000
27	7:11: 0	1.600	57.000	119.00	14.000
28	7:14: 0	1.650	207.000	119.00	150.000
29	7:17: 0	1.700	387.000	119.00	180.000
30	7:20: 0	1.750	552.000	119.00	165.000
31	7:23: 0	1.800	677.000	119.00	125.000
32	7:26: 0	1.850	769.000	119.00	92.000
33	7:29: 0	1.900	855.000	119.00	86.000
34	7:32: 0	1.950	917.000	119.00	62.000
35	7:35: 0	2.000	961.000	119.00	44.000
36	7:38: 0	2.050	986.000	119.00	25.000

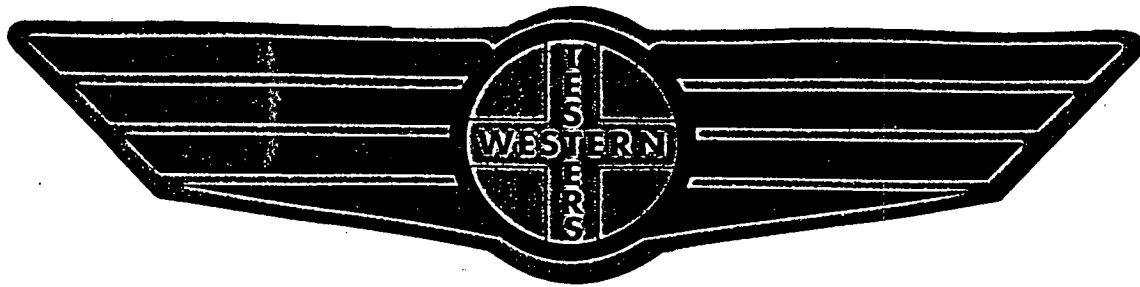
WESTERN TESTING CO. INC.

15-193-20572-00-00

ORIGINAL

FORMATION TEST REPORT

COMPANY KIMANDA ENERGY, INC. LEASE & WELL NO. RENNER #1 SEC. 21 TWP. 9S RGE. 32W TEST NO. 2 DATE 10/10/91



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 1-800-688-7021

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE : 10-10-91 TICKET : 18050
CUSTOMER : KIWANDA ENERGY INC. LEASE : RENNER
WELL : 1 TEST: 2 GEOLOGIST : ALBERTS
ELEVATION : 3092 GR FORMATION : L KANS CITY IJK
SECTION : 21 TOWNSHIP : 9S
RANGE : 32W COUNTY : THOMAS STATE : KANSAS
GAUGE SN# : 6233 RANGE : 4000 CLOCK : 12

INTERVAL FROM : 4250 TO : 4345 TOTAL DEPTH : 4345
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 4245 SIZE : 6.75
PACKER DEPTH : 4250 SIZE : 6.75
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : MURFIN RIG 3
MUD TYPE : MONPAC VISCOSITY : 49
WEIGHT : 9.1 WATER LOSS (CC) : 10.2
CHLORIDES (PPM) : 1800
JARS-MAKE : SERIAL NUMBER :
DID WELL FLOW ? : NO REVERSED OUT ? : NO

DRILL COLLAR LENGTH : 236 FT I.D. inch : 2.20
WEIGHT PIPE LENGTH : 594 FT I.D. inch : 3.20
DRILL PIPE LENGTH : 3400 FT I.D. inch : 3.80
TEST TOOL LENGTH : 20 FT TOOL SIZE : 5.50
ANCHOR LENGTH : 95 FT ANCHOR SIZE : 5.50
SURFACE CHOKE SIZE : .75 IN BOTTOM CHOKE SIZE : .75
MAIN HOLE SIZE : 7.875 IN TOOL JOINT SIZE : 4.5XH

BLOW COMMENT #1 : INITIAL FLOW PERIOD WEAK BLOW-INCREASED TO
BLOW COMMENT #2 : A 4 INCH BLOW IN WATER.
BLOW COMMENT #3 : FINAL FLOW PERIOD WEAK STEADY BLOW-1/2 INCH IN WATER.
BLOW COMMENT #4 :

ORIGINAL

RECOVERED : 210 FT OF: MUD
 RECOVERED : 122 FT OF: WATERY MUD-50%WATER;50%MUD
 RECOVERED : 0 FT OF: CHLORIDES 18000 P.P.M.

Total Barrels Fluid = 2.06
 Total Fluid Prod Rate = 33.03 BFPD
 Indicated Wtr Rate = 8.16 BWPD

REMARK 1 :
 REMARK 2 :
 REMARK 3 :
 REMARK 4 :

SET PACKER(S) : 2:50 P.M.

TIME STARTED OFF BOTTOM : 6:20 P.M.

WELL TEMPERATURE : 124

INITIAL HYDROSTATIC PRESSURE

INITIAL FLOW PERIOD MIN: 45

INITIAL CLOSED IN PERIOD MIN: 60

FINAL FLOW PERIOD MIN: 45

FINAL CLOSED IN PERIOD MIN: 60

FINAL HYDROSTATIC PRESSURE

(A) 2163

(B) 57 PSI TO (C) : 131

(D) 1001

(E) 165 PSI TO (F) : 180

(G) 989

(H) 2089

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : KIWANDA ENERGY INC.
RIG : THOMAS-KANSAS
FIELD : RENNER
WELL : 1
DATE : 10-10-91
GAUGE NO : 6233

OPERATIONAL COMMENTS

ORIGINAL

COMPANY : KIWANDA ENERGY INC.
WELL : 1
GAUGE # : 6233
DATE : 10/10/91

FIELD : RENNER
JOB # : 18050
DEPTH : 4345
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
INITIAL FLOW PERIOD					
2	2:50:0	0.000	57.000	124.00	0.000
3	2:54:59	0.083	57.000	124.00	0.000
4	3:0:0	0.167	57.000	124.00	0.000
5	3:5:0	0.250	62.000	124.00	5.000
6	3:9:59	0.333	78.000	124.00	16.000
7	3:15:0	0.417	98.000	124.00	20.000
8	3:20:0	0.500	109.000	124.00	11.000
9	3:24:59	0.583	115.000	124.00	6.000
10	3:30:0	0.667	127.000	124.00	12.000
11	3:35:0	0.750	131.000	124.00	4.000
INITIAL SHUT-IN PERIOD					
12	3:38:0	0.800	560.000	124.00	429.000
13	3:41:0	0.850	776.000	124.00	216.000
14	3:44:0	0.900	852.000	124.00	76.000
15	3:47:0	0.950	886.000	124.00	34.000
16	3:50:0	1.000	907.000	124.00	21.000
17	3:53:0	1.050	926.000	124.00	19.000
18	3:56:0	1.100	941.000	124.00	15.000
19	3:59:0	1.150	951.000	124.00	10.000
20	4:2:0	1.200	963.000	124.00	12.000
21	4:5:0	1.250	968.000	124.00	5.000
22	4:8:0	1.300	975.000	124.00	7.000
23	4:11:0	1.350	978.000	124.00	3.000
24	4:14:0	1.400	981.000	124.00	3.000
25	4:17:0	1.450	983.000	124.00	2.000
26	4:20:0	1.500	988.000	124.00	5.000
27	4:23:0	1.550	991.000	124.00	3.000
28	4:26:0	1.600	993.000	124.00	2.000
29	4:29:0	1.650	996.000	124.00	3.000
30	4:32:0	1.700	999.000	124.00	3.000
31	4:35:0	1.750	1001.000	124.00	2.000
FINAL FLOW PERIOD					
32	4:36:0	1.767	165.000	124.00	-836.000
33	4:39:59	1.833	165.000	124.00	0.000
34	4:45:0	1.917	165.000	124.00	0.000
35	4:50:0	2.000	166.000	124.00	1.000
36	4:54:59	2.083	170.000	124.00	4.000
37	5:0:0	2.167	173.000	124.00	3.000
38	5:5:0	2.250	176.000	124.00	3.000
39	5:9:59	2.333	178.000	124.00	2.000
40	5:15:0	2.417	179.000	124.00	1.000
41	5:20:0	2.500	180.000	124.00	1.000
FINAL SHUT-IN PERIOD					
42	5:23:0	2.550	695.000	124.00	515.000
43	5:26:0	2.600	825.000	124.00	130.000
44	5:29:0	2.650	869.000	124.00	44.000
45	5:32:0	2.700	894.000	124.00	25.000
46	5:35:0	2.750	909.000	124.00	15.000
47	5:38:0	2.800	921.000	124.00	12.000
48	5:41:0	2.850	928.000	124.00	7.000

COMPANY : KIWANDA ENERGY INC.
WELL : 1
GAUGE # : 6233
DATE : 10/10/91

FIELD : RENNER
JOB # : 18050
DEPTH : 4345
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
49	5:44: 0	2.900	935.000	124.00	7.000
50	5:47: 0	2.950	942.000	124.00	7.000
51	5:50: 0	3.000	946.000	124.00	4.000
52	5:53: 0	3.050	950.000	124.00	4.000
53	5:56: 0	3.100	955.000	124.00	5.000
54	5:59: 0	3.150	959.000	124.00	4.000
55	6: 2: 0	3.200	962.000	124.00	3.000
56	6: 5: 0	3.250	964.000	124.00	2.000
57	6: 8: 0	3.300	966.000	124.00	2.000
58	6:11: 0	3.350	969.000	124.00	3.000
59	6:14: 0	3.400	974.000	124.00	5.000
60	6:17: 0	3.450	981.000	124.00	7.000
61	6:20: 0	3.500	989.000	124.00	8.000

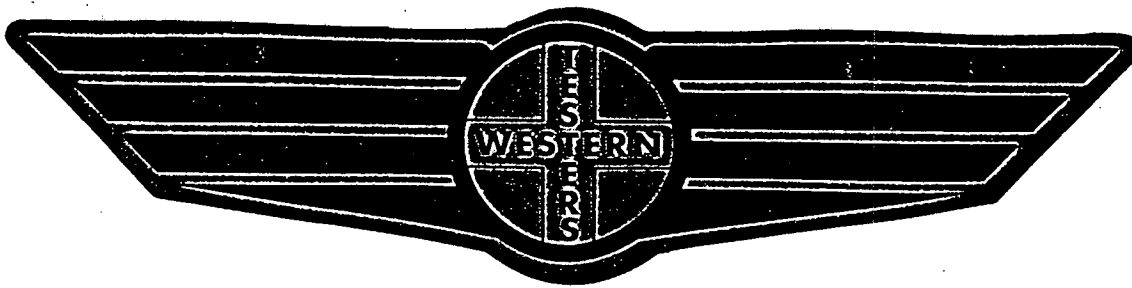
WESTERN TESTING CO. INC.

15-193-20572-00-00

ORIGINAL

FORMATION TEST REPORT

COMPANY KIWANDA ENERGY, INC. LEASE & WELL NO. RENNER #1 SEC. 21 TWP. 9S RGE. 32W TEST NO. 3 DATE 10/11/91



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 1 - 800 - 688 - 7021

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE : 10-11-91 TICKET : 17476
CUSTOMER : KIWANDA ENERGY INC. LEASE : RENNER
WELL : 1 TEST: 3 GEOLOGIST : ALBERTS
ELEVATION : 3092 GR FORMATION : L KANSAS CITY L
SECTION : 21 TOWNSHIP : 9S
RANGE : 32W COUNTY : THOMAS STATE : KANSAS
GAUGE SN# : 6233 RANGE : 4000 CLOCK : 12

INTERVAL FROM : 4340 TO : 4380 TOTAL DEPTH : 4380
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 4335 SIZE : 6.75
PACKER DEPTH : 4340 SIZE : 6.75
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : MURFIN RIG 3
MUD TYPE : MONPAC VISCOSITY : 55
WEIGHT : 9.1 WATER LOSS (CC) : 9.6
CHLORIDES (PPM) : 3400
JARS-MAKE : SERIAL NUMBER :
DID WELL FLOW ? : NO REVERSED OUT ? : NO

DRILL COLLAR LENGTH : 236 FT I.D. inch : 2.20
WEIGHT PIPE LENGTH : 657 FT I.D. inch : 3.20
DRILL PIPE LENGTH : 3427 FT I.D. inch : 3.80
TEST TOOL LENGTH : 20 FT TOOL SIZE : 5.50
ANCHOR LENGTH : 40 FT ANCHOR SIZE : 5.50
SURFACE CHOKE SIZE : .75 IN BOTTOM CHOKE SIZE : .75
MAIN HOLE SIZE : 7.875 IN TOOL JOINT SIZE : 4.5XH

BLOW COMMENT #1 : INITIAL FLOW PERIOD WEAK STEADY BLOW
BLOW COMMENT #2 : 1/2 INCH IN WATER.
BLOW COMMENT #3 : FINAL FLOW PERIOD NO BLOW.
BLOW COMMENT #4 :

RECOVERED : 5 FT OF: MUD-VERY FEW OIL SPOTS-LESS THAN 1%

Total Barrels Fluid = 0.02
 Total Fluid Prod Rate = 0.56 BFPD
 Indicated Wtr Rate = 0.06 BWPD

REMARK 1 :
 REMARK 2 :
 REMARK 3 :
 REMARK 4 :

SET PACKER(S) :	5:25 A.M.	TIME STARTED OFF BOTTOM :	7:55 A.M.
WELL TEMPERATURE :	129		
INITIAL HYDROSTATIC PRESSURE		(A)	2175
INITIAL FLOW PERIOD MIN:	30	(B)	37 PSI TO (C) : 37
INITIAL CLOSED IN PERIOD MIN:	45	(D)	41
FINAL FLOW PERIOD MIN:	30	(E)	41 PSI TO (F) : 41
FINAL CLOSED IN PERIOD MIN:	45	(G)	42
FINAL HYDROSTATIC PRESSURE		(H)	2102

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : KIWANDA ENERGY INC.
RIG : THOMAS-KANSAS
FIELD : RENNER
WELL : 1
DATE : 10-11-91
GAUGE NO : 6233

OPERATIONAL COMMENTS

15-193-20572-00-00

COMPANY : KIWANDA ENERGY INC.
WELL : 1
GAUGE # : 6233
DATE : 11/10/91

FIELD : RENNER
JOB # : 17476
DEPTH : 4380
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
INITIAL FLOW PERIOD					
2	5:25: 0	0.000	37.000	129.00	0.000
3	5:29:59	0.083	37.000	129.00	0.000
4	5:35: 0	0.167	37.000	129.00	0.000
5	5:40: 0	0.250	37.000	129.00	0.000
6	5:44:59	0.333	37.000	129.00	0.000
7	5:50: 0	0.417	37.000	129.00	0.000
8	5:55: 0	0.500	37.000	129.00	0.000
INITIAL SHUT-IN PERIOD					
9	5:58: 0	0.550	37.000	129.00	0.000
10	6: 1: 0	0.600	37.000	129.00	0.000
11	6: 4: 0	0.650	38.000	129.00	1.000
12	6: 7: 0	0.700	39.000	129.00	1.000
13	6:10: 0	0.750	39.000	129.00	0.000
14	6:13: 0	0.800	39.000	129.00	0.000
15	6:16: 0	0.850	40.000	129.00	1.000
16	6:19: 0	0.900	40.000	129.00	0.000
17	6:22: 0	0.950	40.000	129.00	0.000
18	6:25: 0	1.000	40.000	129.00	0.000
19	6:28: 0	1.050	40.000	129.00	0.000
20	6:31: 0	1.100	41.000	129.00	1.000
21	6:34: 0	1.150	41.000	129.00	0.000
22	6:37: 0	1.200	41.000	129.00	0.000
23	6:40: 0	1.250	41.000	129.00	0.000
FINAL FLOW PERIOD					
24	6:41: 0	1.267	41.000	129.00	0.000
25	6:44:59	1.333	41.000	129.00	0.000
26	6:50: 0	1.417	41.000	129.00	0.000
27	6:55: 0	1.500	41.000	129.00	0.000
28	6:59:59	1.583	41.000	129.00	0.000
29	7: 5: 0	1.667	41.000	129.00	0.000
30	7:10: 0	1.750	41.000	129.00	0.000
FINAL SHUT-IN PERIOD					
31	7:13: 0	1.800	41.000	129.00	0.000
32	7:16: 0	1.850	41.000	129.00	0.000
33	7:19: 0	1.900	41.000	129.00	0.000
34	7:22: 0	1.950	41.000	129.00	0.000
35	7:25: 0	2.000	41.000	129.00	0.000
36	7:28: 0	2.050	41.000	129.00	0.000
37	7:31: 0	2.100	41.000	129.00	0.000
38	7:34: 0	2.150	41.000	129.00	0.000
39	7:37: 0	2.200	41.000	129.00	0.000
40	7:40: 0	2.250	41.000	129.00	0.000
41	7:43: 0	2.300	41.000	129.00	0.000
42	7:46: 0	2.350	42.000	129.00	1.000
43	7:49: 0	2.400	42.000	129.00	0.000
44	7:52: 0	2.450	42.000	129.00	0.000
45	7:55: 0	2.500	42.000	129.00	0.000

15-193-20572-00-00

ORIGINAL

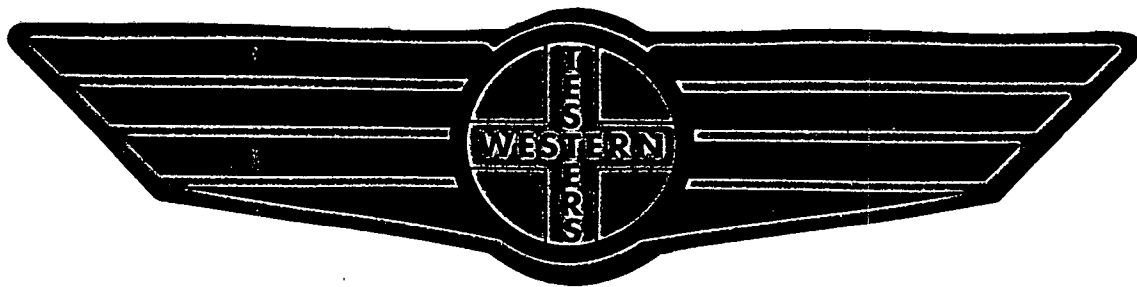
FORMATION TEST REPORT

COMPANY KIWANDA ENERGY, INC.

LEASE & WELL NO. RENNER #1

SEC. 21 TWP. 9S RGE. 32W TEST NO. 4

DATE 10/12/91



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 1 - 800 - 688 - 7021

ORIGINAL

15-193-20572-00-00

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE : 10-12-91 TICKET : 17477
CUSTOMER : KIWANDA ENERGY INC. LEASE : RENNER
WELL : 1 TEST: 4 GEOLOGIST : ALBERTS
ELEVATION : 3097 KB FORMATION : PAW-FT SC
SECTION : 21 TOWNSHIP : 9S
RANGE : 32W COUNTY : THOMAS STATE : KANSAS
GAUGE SN# : 6233 RANGE : 4000 CLOCK : 12

INTERVAL FROM : 4478 TO : 4575 TOTAL DEPTH : 4575
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 4473 SIZE : 6.75
PACKER DEPTH : 4478 SIZE : 6.75
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : MURFIN RIG 3
MUD TYPE : MONPAC VISCOSITY : 43
WEIGHT : 9.0 WATER LOSS (CC) : 12.0
CHLORIDES (PPM) : 1500
JARS-MAKE : SERIAL NUMBER :
DID WELL FLOW ? : NO REVERSED OUT ? : NO

DRILL COLLAR LENGTH : 236 FT I.D. inch : 2.20
WEIGHT PIPE LENGTH : 594 FT I.D. inch : 3.20
DRILL PIPE LENGTH : 3628 FT I.D. inch : 3.80
TEST TOOL LENGTH : 20 FT TOOL SIZE : 5.50
ANCHOR LENGTH : 97 FT ANCHOR SIZE : 5.50
SURFACE CHOKE SIZE : .75 IN BOTTOM CHOKE SIZE : .75
MAIN HOLE SIZE : 7.875 IN TOOL JOINT SIZE : 4.5XH

BLOW COMMENT #1 : INITIAL FLOW PERIOD WEAK BLOW-DIED IN 20 MINUTES.
BLOW COMMENT #2 : FINAL FLOW PERIOD NO BLOW.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

ORIGINAL

RECOVERED : 20 FT OF: MUD

Total Barrels Fluid = 0.09
 Total Fluid Prod Rate = 2.26 BFPD
 Indicated Wtr Rate = 0.23 BWPD

REMARK 1 :
 REMARK 2 :
 REMARK 3 :
 REMARK 4 :

SET PACKER(S) : 2:25 A.M. TIME STARTED OFF BOTTOM : 4:25 A.M.

WELL TEMPERATURE	:	129			
INITIAL HYDROSTATIC PRESSURE			(A)	2257	
INITIAL FLOW PERIOD	MIN:	30	(B)	46	PSI TO (C) : 46
INITIAL CLOSED IN PERIOD	MIN:	33	(D)	757	
FINAL FLOW PERIOD	MIN:	30	(E)	51	PSI TO (F) : 51
FINAL CLOSED IN PERIOD	MIN:	33	(G)	561	
FINAL HYDROSTATIC PRESSURE			(H)	2223	

ORIGINAL

15-193-20572-00-00

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : KIWANDA ENERGY INC.
RIG : THOMAS-KANSAS
FIELD : RENNER
WELL : 1
DATE : 10-12-91
GAUGE NO : 6233

OPERATIONAL COMMENTS

ORIGINAL 15-193-20572-00-00

COMPANY : KIWANDA ENERGY INC.
 WELL : 1
 GAUGE # : 6233
 DATE : 12/10/91

FIELD : RENNER
 JOB # : 17477
 DEPTH : 4575
 TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
INITIAL FLOW PERIOD					
2	2:25:0	0.000	46.000	129.00	0.000
3	2:29:59	0.083	46.000	129.00	0.000
4	2:35:0	0.167	46.000	129.00	0.000
5	2:40:0	0.250	46.000	129.00	0.000
6	2:44:59	0.333	46.000	129.00	0.000
7	2:50:0	0.417	46.000	129.00	0.000
8	2:55:0	0.500	46.000	129.00	0.000
INITIAL SHUT-IN PERIOD					
9	2:58:0	0.550	51.000	129.00	5.000
10	3:1:0	0.600	100.000	129.00	49.000
11	3:4:0	0.650	195.000	129.00	95.000
12	3:7:0	0.700	296.000	129.00	101.000
13	3:10:0	0.750	399.000	129.00	103.000
14	3:13:0	0.800	480.000	129.00	81.000
15	3:16:0	0.850	566.000	129.00	86.000
16	3:19:0	0.900	626.000	129.00	60.000
17	3:22:0	0.950	690.000	129.00	64.000
18	3:25:0	1.000	735.000	129.00	45.000
19	3:28:0	1.050	757.000	129.00	22.000
FINAL FLOW PERIOD					
20	3:29:0	1.067	51.000	129.00	-706.000
21	3:32:59	1.133	51.000	129.00	0.000
22	3:38:0	1.217	51.000	129.00	0.000
23	3:43:0	1.300	51.000	129.00	0.000
24	3:47:59	1.383	51.000	129.00	0.000
25	3:53:0	1.467	51.000	129.00	0.000
26	3:58:0	1.550	51.000	129.00	0.000
FINAL SHUT-IN PERIOD					
27	4:0:59	1.600	53.000	129.00	2.000
28	4:4:0	1.650	55.000	129.00	2.000
29	4:6:59	1.700	83.000	129.00	28.000
30	4:10:0	1.750	146.000	129.00	63.000
31	4:13:0	1.800	222.000	129.00	76.000
32	4:16:0	1.850	290.000	129.00	68.000
33	4:19:0	1.900	351.000	129.00	61.000
34	4:22:0	1.950	412.000	129.00	61.000
35	4:25:0	2.000	465.000	129.00	53.000
36	4:28:0	2.050	522.000	129.00	57.000
37	4:31:0	2.100	561.000	129.00	39.000

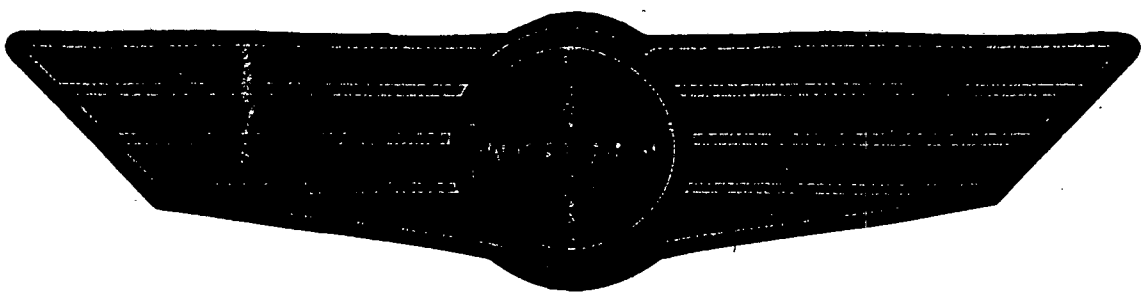
WESTERN TESTING CO. INC.

15-193-20572-00-00

ORIGINAL

FORMATION TEST REPORT

COMPANY KIWANDA ENERGY, INC. LEASE & WELL NO. RENNER # 1 SEC. 21 TWP. 9S RGE. 32W TEST NO. 5 DATE 10/12/91



Home Office:
P.O. Box 1599

Wichita, Kansas 67201
Phone 1 - 800-688-7021

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	: 10-12-91	TICKET	: 17478
CUSTOMER	: KIWANDA ENERGY INC.	LEASE	: RENNER
WELL	: 1 TEST: 5	GEOLOGIST	: ALBERTS
ELEVATION	: 3097 KB	FORMATION	: JOHNSON
SECTION	: 21	TOWNSHIP	: 9S
RANGE	: 32W COUNTY : THOMAS	STATE	: KANSAS
GAUGE SN#	: 6233 RANGE : 4000	CLOCK	: 12

INTERVAL FROM	: 4570	TO	: 4659	TOTAL DEPTH	: 4659
DEPTH OF SELECTIVE ZONE	:				
PACKER DEPTH	: 4565	SIZE	: 6.75		
PACKER DEPTH	: 4570	SIZE	: 6.75		
PACKER DEPTH	:	SIZE	:		
PACKER DEPTH	:	SIZE	:		

DRILLING CON.	: MURFIN RIG 3		
MUD TYPE	: MONPAC	VISCOSITY	: 48
WEIGHT	: 9.2	WATER LOSS (CC)	: 10.4
CHLORIDES (PPM)	: 2000		
JARS-MAKE	:	SERIAL NUMBER	:
DID WELL FLOW ?	: NO	REVERSED OUT ?	: NO

DRILL COLLAR LENGTH	: 236 FT	I.D. inch	: 2.20
WEIGHT PIPE LENGTH	: 594 FT	I.D. inch	: 3.20
DRILL PIPE LENGTH	: 3720 FT	I.D. inch	: 3.80
TEST TOOL LENGTH	: 20 FT	TOOL SIZE	: 5.50
ANCHOR LENGTH	: 89 FT	ANCHOR SIZE	: 5.50
SURFACE CHOKE SIZE	: .75 IN	BOTTOM CHOKE SIZE	: .75
MAIN HOLE SIZE	: 7.875 IN	TOOL JOINT SIZE	: 4.5XH

BLOW COMMENT #1	: INITIAL FLOW PERIOD WEAK BLOW-1/4 INCH-DIED
BLOW COMMENT #2	: IN 20 MINUTES.
BLOW COMMENT #3	: FINAL FLOW PERIOD NO BLOW.
BLOW COMMENT #4	:

ORIGINAL

RECOVERED : 20 FT OF: MUD-FEW OIL SPOTS IN TOP OF TOOL

Total Barrels Fluid = 0.09
 Total Fluid Prod Rate = 2.26 BFPD
 Indicated Wtr Rate = 0.23 BWPD

REMARK 1 :
 REMARK 2 :
 REMARK 3 :
 REMARK 4 :

SET PACKER(S) : 6:35 P.M.

TIME STARTED OFF BOTTOM : 8:35 P.M.

WELL TEMPERATURE : 131

INITIAL HYDROSTATIC PRESSURE

INITIAL FLOW PERIOD MIN: 30

INITIAL CLOSED IN PERIOD MIN: 33

FINAL FLOW PERIOD MIN: 30

FINAL CLOSED IN PERIOD MIN: 27

FINAL HYDROSTATIC PRESSURE

(A) 2370
 (B) 49 PSI TO (C) : 49
 (D) 263
 (E) 51 PSI TO (F) : 51
 (G) 71
 (H) 2296

ORIGINAL 15-193-20572-00-00

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : KIWANDA ENERGY INC.
RIG : THOMAS-KANSAS
FIELD : RENNER
WELL : 1
DATE : 10-12-91
GAUGE NO : 6233

OPERATIONAL COMMENTS

ORIGINAL

COMPANY : KIWANDA ENERGY INC.
 WELL : 1
 GAUGE # : 6233
 DATE : 12/10/91

FIELD : RENNER
 JOB # : 17478
 DEPTH : 4659
 TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
INITIAL FLOW PERIOD					
2	6:35: 0	0.000	49.000	131.00	0.000
3	6:39:59	0.083	49.000	131.00	0.000
4	6:45: 0	0.167	49.000	131.00	0.000
5	6:50: 0	0.250	49.000	131.00	0.000
6	6:54:59	0.333	49.000	131.00	0.000
7	7: 0: 0	0.417	49.000	131.00	0.000
8	7: 5: 0	0.500	49.000	131.00	0.000
INITIAL SHUT-IN PERIOD					
9	7: 8: 0	0.550	50.000	131.00	1.000
10	7:11: 0	0.600	53.000	131.00	3.000
11	7:14: 0	0.650	55.000	131.00	2.000
12	7:17: 0	0.700	62.000	131.00	7.000
13	7:20: 0	0.750	72.000	131.00	10.000
14	7:23: 0	0.800	86.000	131.00	14.000
15	7:26: 0	0.850	112.000	131.00	26.000
16	7:29: 0	0.900	143.000	131.00	31.000
17	7:32: 0	0.950	181.000	131.00	38.000
18	7:35: 0	1.000	220.000	131.00	39.000
19	7:38: 0	1.050	263.000	131.00	43.000
FINAL FLOW PERIOD					
20	7:39: 0	1.067	51.000	131.00	-212.000
21	7:42:59	1.133	51.000	131.00	0.000
22	7:48: 0	1.217	51.000	131.00	0.000
23	7:53: 0	1.300	51.000	131.00	0.000
24	7:57:59	1.383	51.000	131.00	0.000
25	8: 3: 0	1.467	51.000	131.00	0.000
26	8: 8: 0	1.550	51.000	131.00	0.000
FINAL SHUT-IN PERIOD					
27	8:11: 0	1.600	51.000	131.00	0.000
28	8:14: 0	1.650	51.000	131.00	0.000
29	8:17: 0	1.700	51.000	131.00	0.000
30	8:20: 0	1.750	52.000	131.00	1.000
31	8:23: 0	1.800	56.000	131.00	4.000
32	8:26: 0	1.850	59.000	131.00	3.000
33	8:29: 0	1.900	63.000	131.00	4.000
34	8:32: 0	1.950	66.000	131.00	3.000
35	8:35: 0	2.000	71.000	131.00	5.000

WESTERN TESTING CO. INC.



Surface casing cementing
15-193-20672-00
Surface casing

ORIGINAL

INVOICE DATE

10/05/91

DIRECT BILLING/INQUIRIES TO:

TERMS

REMIT TO:

713-895-5821

NET AMOUNT DUE
30 DAYS FROM
DATE OF INVOICE

B.J. SERVICES
P.O. BOX 297476
HOUSTON, TX 77297

PAGE INVOICE NO.

1 609959

AUTHORIZED BY

609959

PURCH ORDER REF NO.

N/A

KIWANDA RESOURCES, INC.

BOX 1320
WICHITA KS 37201

WELL NUMBER : 1

CUSTOMER NUMBER : 7250 - 0

LEASE NAME AND NUMBER	STATE	COUNTY/PARISH	CITY	DISTRICT NAME	DISTR. NO.
RENNER	14	14AB		Oakley	585
JOB LOCATION/FIELD	MTA DISTRICT	DATE OF JOB	TYPE OF SERVICE		
MURFIN 3		10/05/91	LAND-CONDUCTOR/SURFACE		

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
10100302	1.00	CEMENT CASING 0 TO 300 FEET	463.00		463.00
10109005	12.00	MILEAGE CHRG, FROM NEAREST BASE OF	2.47		29.64
10409600	1.00	8-5/8 CENTRALIZER	60.00	GAL	60.00
10410504	114.00	CLASS "A" CEMENT	7.11	CF	810.54
10415018	76.00	FLY ASH	3.81	CFT	289.56
10415049	480.00	A-7-P CALCIUM CHLORIDE PELLETS	0.48	LB	230.40
10420145	300.00	BJ-TITAN GEL, BENTONITE, BULK SALE	0.15	LB	45.00
10431036	1.00	8-5/8" TOP WOOD PLUG	63.25	EA	63.25
10880001	190.00	MIXING SEVICE CHRG DRY MATERIALS,	1.16		220.40
10902520	1.00	STANDARD CNT HEAD, PER JOB	58.00		58.00
10940101	103.00	DRAYAGE, PER TON MILE	0.79		81.37
RECEIVED KANSAS CORPORATION COMMISSION NOV 7 1991					
SUBTOTAL					2,351.16
DISCOUNT					432.21

ACCOUNT	CONSERVATION DIVISION		
1.0000Z LOGAN	WICHITA KS	1,223.24	12.24
4.2500Z KS-NEW WELL		1,223.24	51.98

TAX EXEMPTION STATUS:

PAY THIS AMOUNT

1,983.17



15-193-20572488

INVOICE DATE: 10/13/91

DIRECT BILLING INQUIRIES TO: 713-895-5821	TERMS: NET AMOUNT DUE 30 DAYS FROM DATE OF INVOICE	REMIT TO: B.J. SERVICES P.O. BOX 297476 HOUSTON, TX 77297
--	---	--

PAGE: 1	INVOICE NO.: 609944
AUTHORIZED BY: 609944	
PURCH ORDER REF NO:	

KIWANDA RESOURCES, INC.
BOX 1320
WICHITA KS 37201

CUSTOMER NUMBER : 7250 - 0

LEASE NAME AND NUMBER RENNER	STATE 14	COUNTY/PARISH 14AB	CITY OAKLEY	DISTRICT NAME 585
JOB LOCATION/FIELD NA	MTA DISTRICT	DATE OF JOB 10/13/91	TYPE OF SERVICE LAND-PLUG AND ABANDON	

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
10102114	1.00	CEMENTING THRU TUBING 2,501 TO 3,0	1095.00		1,095.00
10109005	12.00	MILEAGE CHRG, FROM NEAREST BASE OF	2.47		29.64
10410504	114.00	CLASS 'A' CEMENT	7.11	CF	810.54
10415018	76.00	FLY ASH	3.81	CFT	289.56
10420145	1000.00	BJ-TITAN GEL, BENTONITE, BULK SALE	0.15	LB	150.00
10422008	50.00	CELLO FLAKE	1.35	LB	67.50
10430538	1.00	8-5/8 DRY HOLE PLUG	12.00	EA	12.00
10880001	190.00	MIXING SEVICE CHRG DRY MATERIALS,	1.16		220.40
10940101	104.40	DRAYAGE, PER TON MILE	0.79		82.48

RECEIVED
KANSAS CORPORATION COMMISSION
NOV 7 1991
CONSERVATION DIVISION
WICHITA, KS

SUBTOTAL 2,757.12
DISCOUNT 496.29

ACCOUNT:	1.0000% LOGAN	1,090.27	10.90
	4.2500% KS-NEW WELL	1,090.27	46.34

TAX EXEMPTION STATUS: PAY THIS AMOUNT: 2,318.07