

15-097-21506

SUPERIOR TESTERS ENTERPRISES INC.

Great Bend, Kansas

CHART DATA

(316) 792-6902
ORIGINAL

State KANSAS

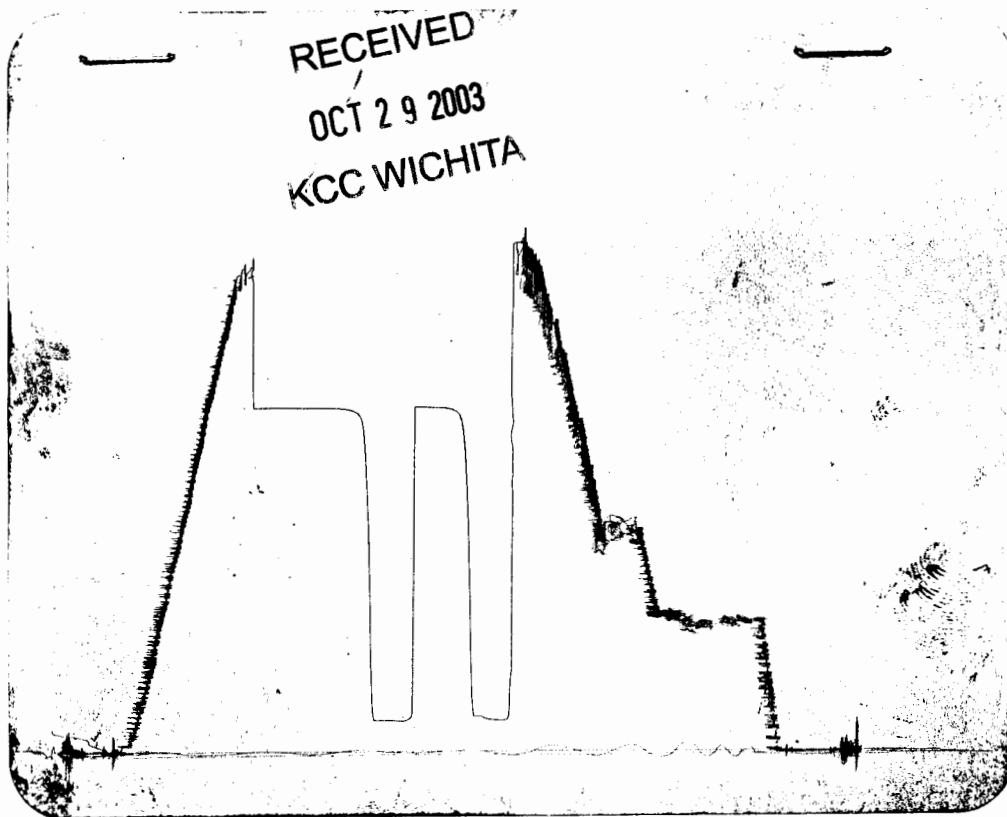
Test Date March 17, 2003

County KIOWA

Sec Town Range 32-30S-19W

Field

Report Number 12362



Field Reading

Office Readings

	Field Reading	Office Readings
(A)	Initial Hydrostatic Pressure	2556
(B)	Initial Flow Pressure	158
(C)	Final Initial Flow Pressure	177
(D)	Initial Shut-In Pressure	1765
(E)	Initial Final Flow Pressure	158
(F)	Final Flow Pressure	177
(G)	Final Shut-In Pressure	1755
(H)	Final Hydrostatic Pressure	2496

RECORDER DEPTH 5084 FT, RECORDER NUMBER 13208

Company: **OIL PRODUCERS INC OF KANSAS** Lease & Well No. **LIGGETT #1-32** Test #: **1** Date: **03-17-2003** SEC.
32 TWP. 30S RGE.19W

SUPERIOR TESTERS ENTERPRISES INC. DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (316)792-6902

GENERAL INFORMATION

COMPANY NAME	OIL PRODUCERS INC OF KANSAS	
TEST DATE	03/17/2003	LEASE AND WELL NUMBER
SECTION-TOWN-RANGE	32-30S-19W	FORMATION TESTED
STATE	KANSAS	DRILL STEM TEST NUMBER
COUNTY	KIOWA	REPORT NUMBER
ELEVATION GROUND LEVEL	2126	ELEVATION KELLY BUSHINGS
COMPANY REPRESENTATIVE	BILL SHEPARD	TESTING ENGINEER

TOOL SETTING INFORMATION

TEST INTERVAL (From)	5030	TOP PACKER DEPTH	5025
TEST INTERVAL (to)	5090	BOTTOM PACKER DEPTH	5030
ANCHOR LENGTH	60	NUMBER OF PACKERS	2
TOTAL DEPTH (ft)	5090	PACKER SIZE	6 3/4
		HOLE SIZE	7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from) 11:00
 TOOL OPEN (to) 11:30
 DURATION (min.) 30

INITIAL SHUT-IN

TOOL CLOSED (from) 11:30
 TOOL CLOSED (to) 12:15
 DURATION (min.) 0:00

FINAL OPEN

TOOL OPEN (from) 12:15
 TOOL OPEN (to) 12:45
 DURATION (min.) 30

FINAL SHUT-IN

TOOL CLOSED (from) 12:45
 TOOL CLOSED (to) 2:15
 DURATION (min.) 90

PRESSURE READINGS

INITIAL HYDROSTATIC 2556
 INITIAL FLOW 158
 FINAL INITIAL FLOW 177
 INITIAL SHUT-IN 1765
 INITIAL FINAL FLOW 158
 FINAL FLOW 177
 FINAL SHUT-IN 1755
 FINAL HYDROSTATIC 2496

MAXIMUM TEMPERATURE

TOP RECORDER DEPTH 5084
 RECORDER NUMBER 13208
 BOTTOM RECORDER DEPTH 5087
 RECORDER NUMBER 5463

INITIAL BLOW **STRONG BLOW WITH GAS TO SURFACE IN 6 MINUTES**

FINAL BLOW **STRONG BLOW SEE GAS FLOW REPORT**

EXTRA EQUIPMENT

JARS	NO	ELECTRONIC RECORDER	NO
SAFETY JOINT	NO	STRADDLE	NO
EXTRA PACKER (3RD)	NO	HOOK WALL	NO
EXTRA PACKER (4TH)	NO	SAMPLER	NO
		CIRCULATING SUB	NO

SUPERIOR TESTERS ENTERPRISES INC.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (316)792-6902

WELL INFORMATION

DRILLING CONTRACTOR **PICKRELL DRILLING**

DRILL PIPE LENGTH **4823**

DRILL PIPE I.D. **3.8**

TOOL JOINT SIZE **4 1/2 X.H.**

DRILL COLLAR LENGTH **186**

DRILL COLLAR I.D. **2.25**

TOOL JOINT SIZE **4 1/2 X.H.**

WEIGHT PIPE LENGTH

WEIGHT PIPE I.D. **2.25**

TOOL JOINT SIZE **4 1/2 X.H.**

MUD WEIGHT #/GAL **9**

VISCOSITY **47**

WATER LOSS **9.8**

CHLORIDES-PITS

CHLORIDES-DST

FEET OF RECOVERY		RECOVERY DESCRIPTION	% GAS	% OIL	% MUD	% WATER
1)	200	VERY GASSY DRILLING MUD				
2)						
3)						
4)						
5)						
6)						
7)						
8)						
9)						
10)						
11)						
12)						
13)						
14)						
15)						

TOTAL RECOVERY

COMMENTS

SUPERIOR TESTERS ENTERPRISES INC. .

GREAT BEND, KANSAS

GAS FLOW RATE

(316) 792-6902

#

STATE..... KANSAS

Test Date #####

COUNTY..... IOWA

Sec Town Range 32-30S-19W

FIELD.....

Report Number 12362

Initial Flow

Comments	Time (hh:mm:ss)	Period dt (min)	Inches H2O Orifice Tester	PSI on Orifice Tester	PSI on Pitot Tube	Choke Size (in)	Gas Rate (MCF/Day)
TOOL OPENED AT	11:10	10	40			1 1/4	278.000
11:00 WITH GAS	11:20	20	60			1 1/4	340.000
TO SURFACE IN	11:30	30	100			1 1/4	439.000
6 MINUTES AT 11:06							

Final Flow

Comments	Time (hh:mm:ss)	Period dt (min)	Inches H2O Orifice Tester	PSI on Orifice Tester	PSI on Pitot Tube	Choke Size (in)	Gas Rate (MCF/Day)
TOOL OPENED AT	12:25	10		3.50		1 1/4	445.000
12:15	12:35	20		3.50		1 1/4	445.000
	12:45	30		3.50		1 1/4	445.000
THERE WAS A GAS SAMPLE TAKEN							

Superior Testers Enterprises, Inc.

R.R. 3, Box 295B, Great Bend, Kansas 67530

(316) 792-6902

ORIGINAL

Date 3-17-2003 Location R/2 9/4 32-30-19 W Elevation 2131GL County Howa

Company Oil Producers Inc of Kansas Number of Copies 5

Charts Mailed to P.O. Box 8647 Wichita, Kansas 67208

Drilling Contractor Pickwell Drilling Company Inc

Length Drill Pipe 4823 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2" X 11

Length Weight Pipe NONE I.D. Weight Pipe NONE Tool Joint Size NONE

Length Drill Collars 186 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X 11

Top Packer Depth 5025 Bottom Packer Depth 5030 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 5030 TO 5090 ANCHOR LENGTH 60 TOTAL DEPTH 5090 Hole Size 7 7/8"

LEASE & WELL NO. Liggett #1-32 FORMATION TESTED Mississippi TEST NO. 1

Mud Weight 9.0 Viscosity 47 Water Loss 98 Chlorides - Pits _____ D.S.T. _____

Maximum Temp. _____ °F Initial Hydrostatic Pressure (A) 2556 P.S.I. Final Hydrostatic Pressure (H) 2496 P.S.I.

Tool Open I.F.P. from 11:00 m to 11:30 m 30 min

Tool Closed I.C.I.P. from 11:30 m to 12:15 m 45 min

Tool Open F.F.P. from 12:15 m to 12:45 m 60 min

Tool Closed F.C.I.P. from 12:45 m to 2:15 m 90 min

Initial Blow Strong blow with Gas to surface in 6 minutes

Final Blow Strong blow - SEE Gas Flow Report

Total Feet Recovered 200 Gravity of Oil _____ Corrector _____

200 Feet of Very Gassy Drilling Mud %Gas _____ %Oil _____ %Mud _____ %Water _____

_____ Feet of _____ %Gas _____ %Oil _____ %Mud _____ %Water _____

_____ Feet of _____ %Gas _____ %Oil _____ %Mud _____ %Water _____

_____ Feet of _____ %Gas _____ %Oil _____ %Mud _____ %Water _____

_____ Feet of _____ %Gas _____ %Oil _____ %Mud _____ %Water _____

_____ Feet of _____ %Gas _____ %Oil _____ %Mud _____ %Water _____

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_____ Feet of _____ %Gas _____ %Oil _____ %Mud _____ %Water _____

_____ Feet of _____ %Gas _____ %Oil _____ %Mud _____ %Water _____

_____ Feet of _____ %Gas _____ %Oil _____ %Mud _____ %Water _____

Remarks _____

Extra Equipment - Jars NONE Safety Joint NONE Extra Packer NONE Straddle NONE Hook Wall NONE

Top Recorder No. 13208 Clock No. 47441 Depth 5084 Cir. Sub. NONE Sampler NONE

Bottom Recorder No. 5463 Clock No. 47442 Depth 5087 Insurance NONE

Price of Job _____

Tool Operator Steve Budig

Approved By _____

Superior Testers Enterprises, Inc. shall not be liable for damage of any kind to the property or personnel of the one for whom a test is made, of for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

N2 12362

Superior Testers Enterprises, Inc.

R.R. 3, Box 295B, Great Bend, Kansas 67530

(316) 792-6902

GAS FLOW REPORT

Date 3-17-2003 Ticket # 12362 Company Oil Producers Inc of Kansas
 Well Name and No LIGGETT # 132 DST No. 1 Interval Tested 5030-5090
 County Nowa State Kansas Sec. 32 Twp. 30S Rg. 19W

Time Gauge Pre-Flow	Time Gauge in Min.	Inches of Water on Orifice Well Tester	Inches of Mercury on Orifice Well Tester	P.S.I. on Orifice Well Tester	P.S.I. on Pitot Tester	Choke Size	Gas Rate MCF
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PRE FLOW

Tool OPENED at 11:00 with Gas to Surface in 6 minutes							
11:10	10	40				1 1/4	278
11:20	20	60				1 1/4	340
11:30	30	100				1 1/4	439

SECOND FLOW

Tool OPENED at 12:15							
12:25	10					3 1/2	445
12:35	20					3 1/2	445
12:45	30					3 1/2	445

GAS BOTTLE

Serial No. _____ Date Bottle Filled _____ Date to be Invoiced _____ Test Ticket # _____

Requisition and Provisions for high pressure steel gas bottles. Superior Testers Enterprises, Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Superior Testers Enterprises, Inc. within thirty (30) days free of charge or be invoiced in the amount of \$125.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

All charges subject to 1 1/2% per month, equal to 18% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME _____

Authorized by _____