

Superior Testers Enterprises, Inc.

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

(316) 792-6902

ORIGINAL

Date 10-9-1999 Location W-5/5-13-28-18 Elevation 2214 K.B. County Nowata

Company Oil Producers Inc of Kansas Number of Copies 5

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

Drilling Contractor Mallard Drilling RIG #2

Length Drill Pipe 4835 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2" X.H.

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

Length Drill Collars 42 248 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X.H.

Top Packer Depth 4805 Bottom Packer Depth 4810 Number of Packers 2 Packer Size 6 3/4

TESTED FROM 4810 TO 4837 ANCHOR LENGTH 27 TOTAL DEPTH 4837 Hole Size 7 7/8

LEASE & WELL NO. Loctb FORMATION TESTED Mississippi TEST NO. 1

Mud Weight 9' Viscosity 57 Water Loss 107 Chlorides - Pits _____ D.S.T. _____

Maximum Temp. 112 °F Initial Hydrostatic Pressure (A) 2482 P.S.I. Final Hydrostatic Pressure (H) 2463 P.S.I.

Tool Open I.F.P. from 11:30 P.m to 12:00 P.m 30 min

from [B] 95 P.S.I. to [C] 67 P.S.I.

Tool Closed I.C.I.P. from 12:00 P.m to 12:45 P.m 45 min

[D] 783 P.S.I.

Tool Open F.F.P. from 12:45 P.m to 1:30 P.m 45 min

from [E] 876 P.S.I. to [F] 57 P.S.I.

Tool Closed F.C.I.P. from 1:30 P.m to 2:30 P.m 60 min

[G] 783 P.S.I.

Initial Blow fair blow built to the bottom of a 5 gallon bucket in 6 minutes

Final Blow straw blow bottom of the bucket immediately DECREASED to a fair blow

Total Feet Recovered 60 Gravity of Oil _____ Correc _____

5200 Feet of Gas in the Pipe % Gas _____ % Oil _____ % Mud _____ % Wa _____

60 Feet of Gas Cut mud % Gas _____ % Oil _____ % Mud _____ % Wa _____

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Wa _____

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Wa _____

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Wa _____

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Wa _____

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Wa _____

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Wa _____

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Wa _____

Remarks _____

Extra Equipment - Jars YES Safety Joint YES Extra Packer None Straddle None Hook Wall None

Top Recorder No. 13189 Clock No. 47441 Depth 4831 Cir. Sub None Sampler None

Bottom Recorder No. 3875 Clock No. 47442 Depth 4834 Insurance None

Price of Job _____

Tool Operator Steve Budj

Approved By _____
N: 11807

Superior Testers Enterprises, Inc. shall not be liable for damage of any kind to property or personnel of the one for whom a test is made, or for any loss suffered sustained, directly or indirectly, through the use of its equipment, or its statements 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.

SUPERIOR TESTERS ENTERPRISES INC. ORIGINAL

Great Bend, Kansas

CHART DATA

(316) 792-6902

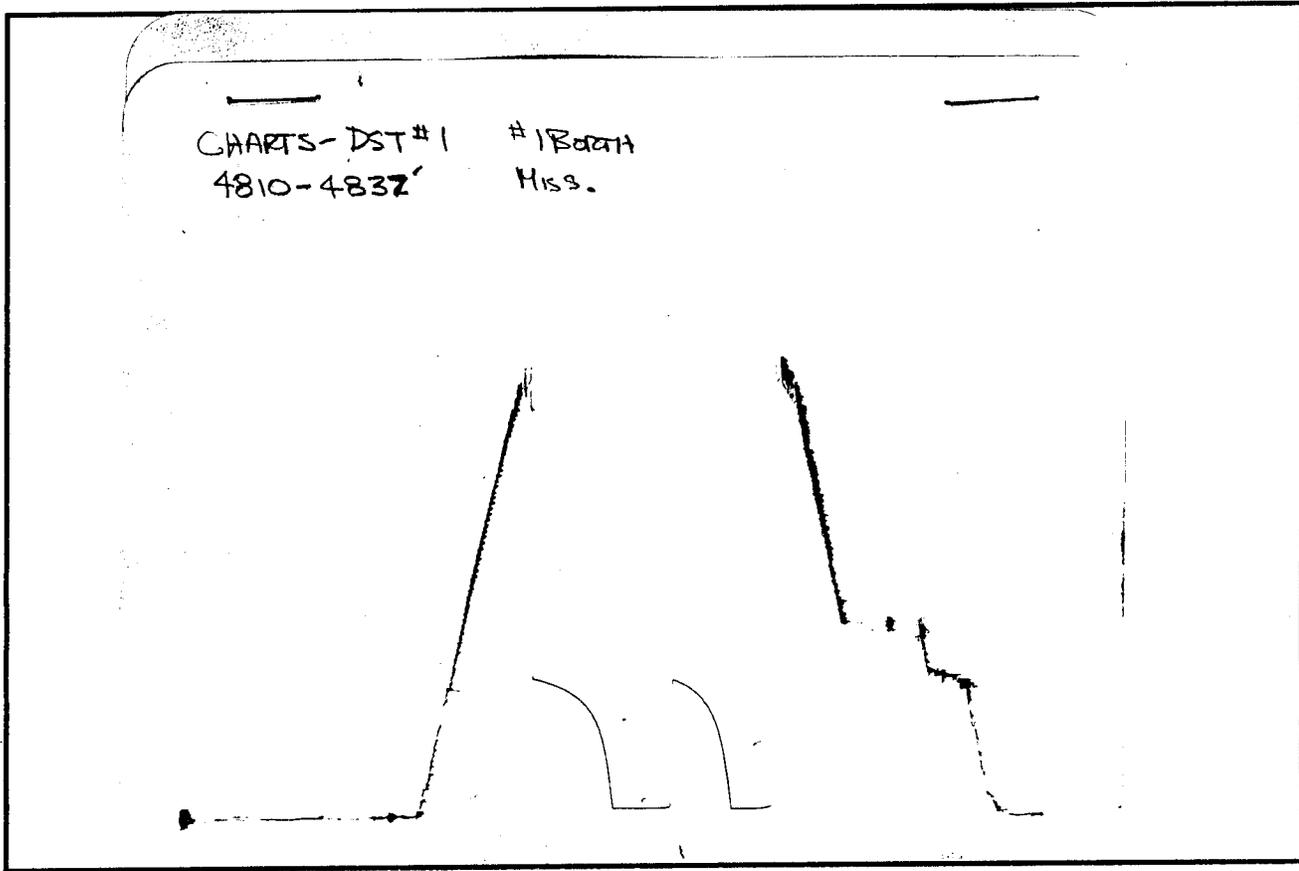
State KANSAS
County KIOWA
Field

Test Date October 9, 1999
Sec Town Range 13-28S-18W
Report Number 11807

Company: OIL PRODUCERS INC. OF KANSAS
SEC. 13 TWP. 28S RGE. 18W
Lease & Well No. BORTH
Test # 1 Date: 10-9-1999

15-097-21446

CHARTS - DST #1 #1 BORTH
4810-4837' Miss.



Field Reading

(A)	Initial Hydrostatic Pressure	2482
(B)	Initial Flow Pressure	95
(C)	Final Initial Flow Pressure	67
(D)	Initial Shut-In Pressure	783
(E)	Initial Final Flow Pressure	76
(F)	Final Flow Pressure	57
(G)	Final Shut-In Pressure	783
(H)	Final Hydrostatic Pressure	2463

ELECTRONIC RECORDER DEPTH 4831 FT, RECORDER NUMBER 13189

SUPERIOR TESTERS ENTERPRISES INC.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (316)792-6902

GENERAL INFORMATION

COMPANY NAME	OIL PRODUCERS INC OF KANSAS	LEASE AND WELL NUMBER	BORTH
TEST DATE	10/9/99	FORMATION TESTED	MISSISSIPPI
SECTION-TOWN-RANGE	13-28S-18W	DRILL STEM TEST NUMBER	1
STATE	KANSAS	REPORT NUMBER	11807
COUNTY	KIOWA	ELEVATION KELLY BUSHINGS	2214
ELEVATION GROUND LEVEL	2209	TESTING ENGINEER	GENE BUDIG
COMPANY REPRESENTATIVE			

TOOL SETTING INFORMATION

TEST INTERVAL (From)	4810	TOP PACKER DEPTH	4805
TEST INTERVAL (to)	4837	BOTTOM PACKER DEPTH	4810
ANCHOR LENGTH	27	NUMBER OF PACKERS	2
TOTAL DEPTH (ft)	4837	PACKER SIZE	6 3/4
		HOLE SIZE	7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from)	11:30
TOOL OPEN (to)	12:00
DURATION (min.)	30

INITIAL SHUT-IN

TOOL CLOSED (from)	12:00
TOOL CLOSED (to)	12:45
DURATION (min.)	45

FINAL OPEN

TOOL OPEN (from)	12:45
TOOL OPEN (to)	1:30
DURATION (min.)	45

FINAL SHUT-IN

TOOL CLOSED (from)	1:30
TOOL CLOSED (to)	2:30
DURATION (min.)	60

PRESSURE READINGS

INITIAL HYDROSTATIC	2482
INITIAL FLOW	95
FINAL INITIAL FLOW	67
INITIAL SHUT-IN	783
INITIAL FINAL FLOW	76
FINAL FLOW	57
FINAL SHUT-IN	783
FINAL HYDROSTATIC	2463
MAXIMUM TEMPERATURE	112
TOP RECORDER DEPTH	4831
RECORDER NUMBER	13189
BOTTOM RECORDER DEPTH	4834
RECORDER NUMBER	3875

INITIAL BLOW FAIR BLOW BUILT TO THE BOTTOM OF A 5 GALLON BUCKET IN 6 MINUTES

FINAL BLOW STRONG BLOW BUILT TO THE BOTTOM OF A 5 GALLON BUCKET IN 15 SECONDS THEN DECREASED TO A FAIR BLOW

EXTRA EQUIPMENT

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

SUPERIOR TESTERS ENTERPRISES INC.

DRILL STEM TEST REPORT

GREAT BLIND, KANSAS 67530 (316)792-6902

WELL INFORMATION

DRILLING CONTRACTOR **MALARD DRILLING RIG #2**

DRILL PIPE LENGTH **4335**

DRILL PIPE I.D. **3.8**

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

DRILL COLLAR LENGTH **248**

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 **9.1**

VISCOSITY **57**

WATER LOSS **10.2**

CHLORIDES-PITS

CHLORIDES-DST

	FEET OF RECOVERY	RECOVERY DESCRIPTION	%	%	%	%
			GAS	OIL	MUD	WATER
1)	3200	GAS IN THE PIPE				
2)	60	GAS CUT MUD				
3)						
4)						
5)						
6)						
7)						
8)						
9)						
10)						
11)						
12)						
13)						
14)						
15)						

TOTAL RECOVERY

COMMENTS