

RJM Company  
Hoffman West 6

5-17s-13w

# Superior Testers Enterprises, Inc.

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

15-009-24790-00-00 (316) 792-6902

Date 04-04-04 Location 92-N-5/E 5-17-13W Elevation 1905 Kib, 1900 GL County Barstow

Company RJM Oil Company Inc. Number of Copies 5

Charts Mailed to P.O. Box 256 CLARKIN KANSAS 67525

Drilling Contractor Kanfeldt Drilling Rig #1

Length Drill Pipe 3346 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 NONE I.D. Drill Collars NONE Tool Joint Size NONE

Top Packer Depth 3360 Bottom Packer Depth 3365 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 3365 TO 3381 ANCHOR LENGTH 16 TOTAL DEPTH 3381 Hole Size 7 7/8

LEASE & WELL NO. Hoffman West #6 FORMATION TESTED Arbuckle TEST NO. 2

Mud Weight 9.48 Viscosity 46 Water Loss 7.4 Chlorides - Pits 6000 D.S.T. \_\_\_\_\_

Maximum Temp. 100 °F Initial Hydrostatic Pressure (A) 1734 P.S.I. Final Hydrostatic Pressure (H) 1526 P.S.I.

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

Tool Closed I.C.I.P. from 12:30 AM to 1:00 AM 30 min

Tool Open F.F.P. from 1:00 AM to 1:30 AM 30 min

Tool Closed F.C.I.P. from 1:30 AM to 2:00 AM 30 min

from [B] <u>37</u> P.S.I. to [C] <u>38</u> P.S.I.
[D] <u>238</u> P.S.I.
from [E] <u>38</u> P.S.I. to [F] <u>38</u> P.S.I.
[G] <u>149</u> P.S.I.

Initial Blow Weak blow built to 1 inch into the water & DECREASED & DIED IN 29 min

Final Blow No blow

Total Feet Recovered 15 Gravity of Oil \_\_\_\_\_ Corrected \_\_\_\_\_

15 Feet of Drilling mud with a very very %Gas \_\_\_\_\_ %Oil \_\_\_\_\_ %Mud \_\_\_\_\_ %Water \_\_\_\_\_

Feet of SLIGHT SHOW OF OIL BETWEEN THE TOOLS %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 \_\_\_\_\_

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. 91981 Clock No. Electronics Depth 3377 Cir. Sub NONE Sampler none

Bottom Recorder No. 13208 Clock No. 47041 Depth 3378 Insurance NONE

Price of Job \_\_\_\_\_

Tool Operator Jane Smith

Approved By \_\_\_\_\_

No. 12517

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, or 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.

**SUPERIOR TESTERS ENTERPRISES INC.**

Great Bend, Kansas

**CHART DATA**

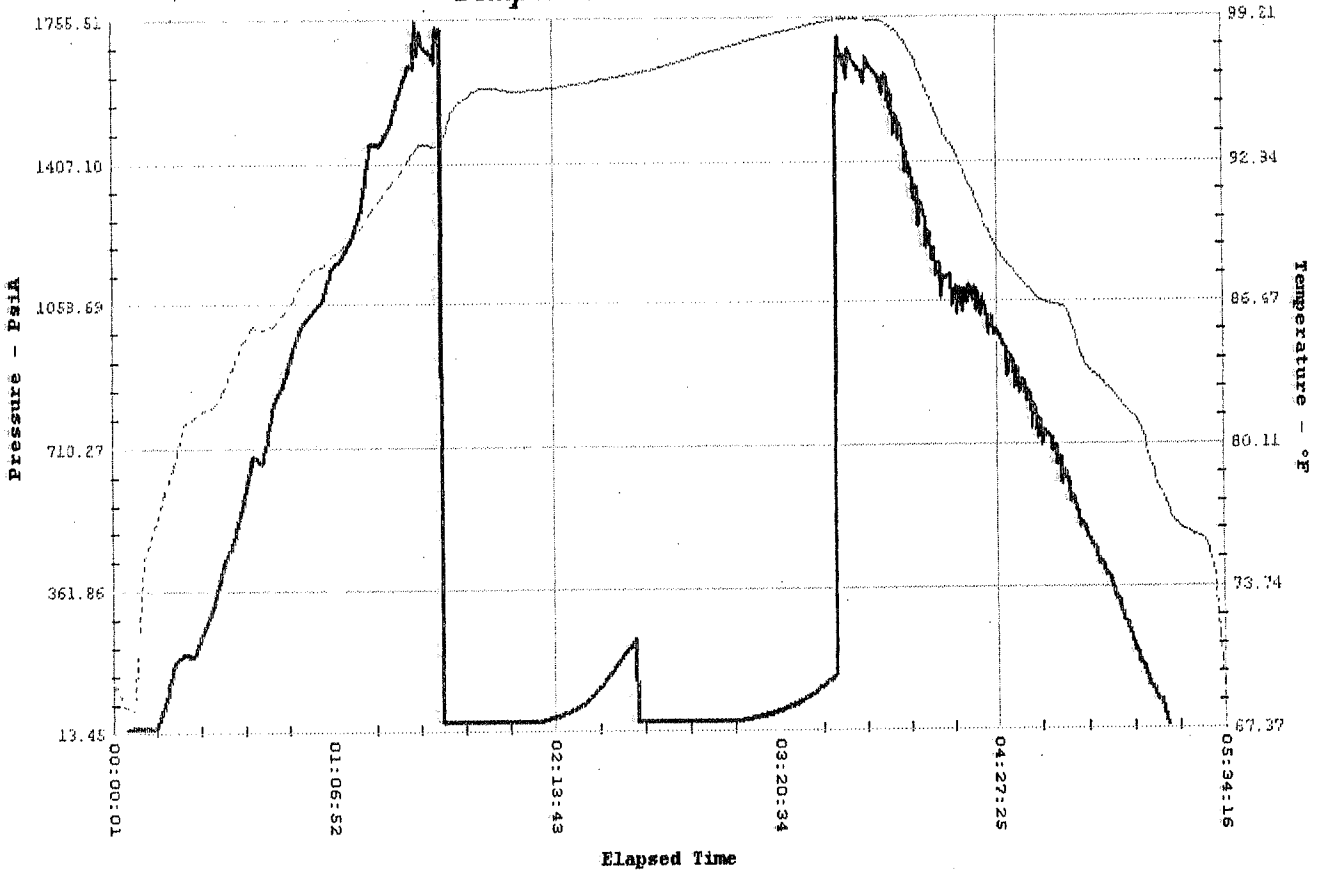
(316) 792-6902

State ..... KANSAS  
 County ..... BARTON  
 Field .....

Test Date ..... April 4, 2004  
 Sec Town Range ..... 5-17S-13W  
 Report Number ..... 12517

Company: RJM OIL COMPANY INC. Lease & Well No. HOFFMAN WEST #6 Test #: 2 Date: 04-04-04 SEC. 5 TWP.  
 17S RGE. 13W

*Temperature / Pressure Data*



**Field Reading**

(1)	Initial Hydrostatic Pressure	1734
(2)	Initial Flow Pressure	37
(3)	Final Initial Flow Pressure	38
(4)	Initial Shut-In Pressure	238
(5)	Initial Final Flow Pressure	38
(6)	Final Flow Pressure	38
(7)	Final Shut-In Pressure	149
(8)	Final Hydrostatic Pressure	1526

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ELECTRONIC RECORDER DEPTH 3374 FT, RECORDER NUMBER 80507

# SUPERIOR TESTERS ENTERPRISES INC. DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (316)792-6902

## GENERAL INFORMATION

COMPANY NAME .....	RJM OIL COMPANY INC.	LEASE AND WELL NUMBER .....	HOFFMAN WEST #6
TEST DATE .....	4/4/2004	FORMATION TESTED .....	ARBUCKLE
SECTION-TOWN-RANGE .....	5-17S-13W	DRILL STEM TEST NUMBER .....	2
STATE .....	KANSAS	REPORT NUMBER .....	12517
COUNTY .....	BARTON	ELEVATION KELLY BUSHINGS .....	1905
ELEVATION GROUND LEVEL .....	1900	TESTING ENGINEER .....	GENE BUDIG
COMPANY REPRESENTATIVE .....	TODD MORGENTERN		

## TOOL SETTING INFORMATION

TEST INTERVAL (From) .....	3365	TOP PACKER DEPTH .....	3360
TEST INTERVAL (to) .....	3381	BOTTOM PACKER DEPTH .....	3365
ANCHOR LENGTH .....	16	NUMBER OF PACKERS .....	2
TOTAL DEPTH (ft) .....	3381	PACKER SIZE .....	6 3/4
		HOLE SIZE .....	7 7/8

## FLOW TIMES

*INITIAL OPEN*

TOOL OPEN (from) ..... 12:00

TOOL OPEN (to) ..... 12:30

DURATION (min.) ..... 30

*INITIAL SHUT-IN*

TOOL CLOSED (from) ..... 12:30

TOOL CLOSED (to) ..... 1:00

DURATION (min.) ..... 30

*FINAL OPEN*

TOOL OPEN (from) ..... 1:00

TOOL OPEN (to) ..... 1:30

DURATION (min.) ..... 30

*FINAL SHUT-IN*

TOOL CLOSED (from) ..... 1:30

TOOL CLOSED (to) ..... 2:00

DURATION (min.) ..... 30

## PRESSURE READINGS

INITIAL HYDROSTATIC ..... 1734

INITIAL FLOW ..... 37

FINAL INITIAL FLOW ..... 38

INITIAL SHUT-IN ..... 238

INITIAL FINAL FLOW ..... 38

FINAL FLOW ..... 38

FINAL SHUT-IN ..... 149

FINAL HYDROSTATIC ..... 1526

MAXIMUM TEMPERATURE ..... 100

TOP RECORDER DEPTH ..... 3374

RECORDER NUMBER ..... 80507

BOTTOM RECORDER DEPTH ..... 3378

RECORDER NUMBER ..... 13208

INITIAL BLOW                      **WEAK BLOW BUILT TO 1 INCH INTO THE WATER AND DECREASED AND DIED IN 29 MINUTES**

FINAL BLOW                        **NO BLOW**

## EXTRA EQUIPMENT

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

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# SUPERIOR TESTERS ENTERPRISES INC. DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (316)792-6902

## WELL INFORMATION

DRILLING CONTRACTOR ..... **VONFELDT DRILLING RIG #1**

DRILL PIPE LENGTH ..... **3346**

DRILL PIPE I.D. .... **3.8**

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

DRILL COLLAR LENGTH .....

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 ..... **9.4**

VISCOSITY ..... **46**

WATER LOSS ..... **7.2**

CHLORIDES-PITS ..... **6000**

CHLORIDES-DST .....

FEET OF RECOVERY		RECOVERY DESCRIPTION	% GAS	% OIL	% MUD	% WATER
1)	15	DRILLING MUD WITH A VERY VERY SLIGHTL SHOW OF OIL BETWEEN THE SHUT-IN AND HYDROLIC TOOLS				
2)						
3)						
4)						
5)						
6)						
7)						
8)						
9)						
10)						
11)						
12)						
13)						
14)						
15)						
		TOTAL RECOVERY				

## COMMENTS

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# Superior Testers Enterprises, Inc.

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

(316) 792-6902

Date 04-03-04 Location E/2-N/4-S/4-5-17-13<sup>W</sup> Elevation 1905<sup>KB</sup> 1900<sup>GL</sup> County Barton  
Company R.J.M. Oil Company Inc. Number of Copies 5

Parts Mailed to P.O. Box 256 CLAPIN, KANSAS 67525

Killing Contractor Jonfordt-Drilling Rig #1

Length Drill Pipe 3345 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 NONE I.D. Drill Collars NONE Tool Joint Size NONE

Top Packer Depth 3359 Bottom Packer Depth 3364 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 3364 TO 3375 ANCHOR LENGTH 11 TOTAL DEPTH 3375 Hole Size 7 7/8"

BASE & WELL NO. Hoffman West #6 FORMATION TESTED Arbuckle TEST NO. 1

Fluid Weight 9.4 Viscosity 46 Water Loss 7.4 Chlorides - Pits 6000 D.S.T. \_\_\_\_\_

Maximum Temp. 100 °F Initial Hydrostatic Pressure (A) 1711 P.S.I. Final Hydrostatic Pressure (H) 1689 P.S.I.

Time Open I.F.P. from 12:00 pm to 12:30 pm 30 min

Time Closed I.C.I.P. from 12:30 pm to 1:00 pm 30 min

Time Open F.F.P. from 1:00 pm to 1:30 pm 30 min

Time Closed F.C.I.P. from 1:30 pm to 2:00 pm 30 min

Initial Blow Very weak surface blow for 9 minutes EDIEN

Final Blow No blow

Total Feet Recovered 5 Gravity of Oil \_\_\_\_\_ Corrected \_\_\_\_\_

5 Feet of Very sugary oil cut mud with % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_

\_\_\_\_\_ Feet of Good show of oil on top % 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 \_\_\_\_\_

Remarks \_\_\_\_\_

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

Top Recorder No. Electronic Clock No. 91981 Depth 3369 Cir. Sub NONE Sampler NONE

Bottom Recorder No. #1301 Clock No. #2441 Depth 3372 Insurance NONE

Price of Job \_\_\_\_\_  
Tool Operator Gene Budig  
Approved By \_\_\_\_\_

from [B]	<u>30</u>	P.S.I. to [C]	<u>30</u>	P.S.I.
[D]	<u>172</u>			P.S.I.
from [E]	<u>31</u>	P.S.I. to [F]	<u>31</u>	P.S.I.
[G]	<u>65</u>			P.S.I.

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**SUPERIOR TESTERS ENTERPRISES INC.**

Great Bend, Kansas

**CHART DATA**

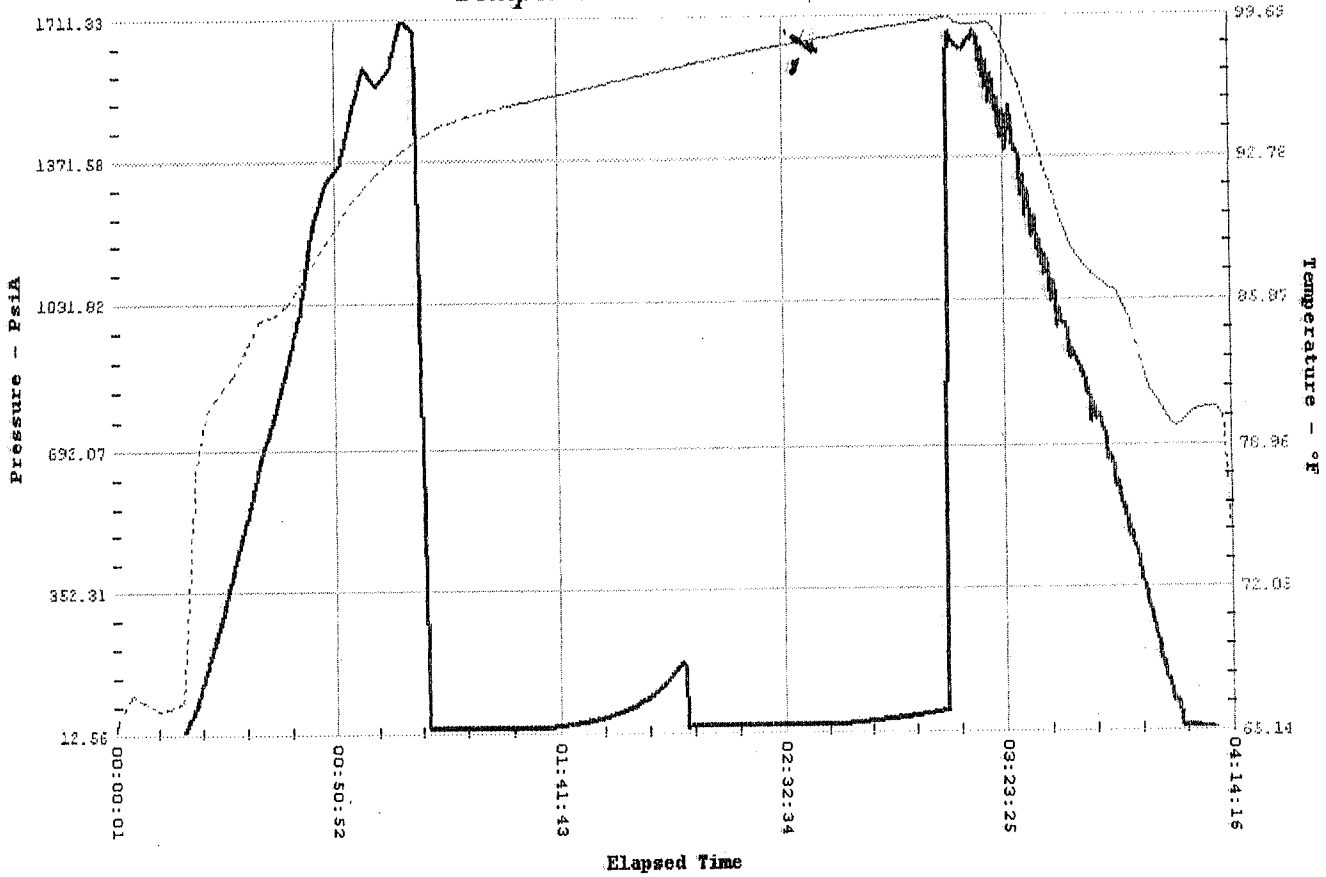
(316) 792-6902

State ..... KANSAS  
 County ..... BARTON  
 Field .....

Test Date ..... April 3, 2004  
 Sec Town Range ..... 5-17S-13W  
 Report Number ..... 12516

Company: RJM OIL COMPANY INC. Lease & Well No. HOFFMAN WEST #6 Test #: 1 Date: 04-03-004 SEC. 5 TWP. 17S  
 RGE. 13W

*Temperature / Pressure Data*



**Field Reading**

(1)	Initial Hydrostatic Pressure	1711
(2)	Initial Flow Pressure	30
(3)	Final Initial Flow Pressure	30
(4)	Initial Shut-In Pressure	172
(5)	Initial Final Flow Pressure	31
(6)	Final Flow Pressure	31
(7)	Final Shut-In Pressure	65
(8)	Final Hydrostatic Pressure	1689

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ELECTRONIC RECORDER DEPTH 3368 FT, RECORDER NUMBER 80507

# SUPERIOR TESTERS ENTERPRISES INC.

## DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (316)792-6902

### GENERAL INFORMATION

COMPANY NAME .....	RJM OIL COMPANY INC.	LEASE AND WELL NUMBER .....	HOFFMAN WEST #6
TEST DATE .....	4/3/2004	FORMATION TESTED .....	ARBUCKLE
SECTION-TOWN-RANGE .....	5-17S-13W	DRILL STEM TEST NUMBER .....	1
STATE .....	KANSAS	REPORT NUMBER .....	12516
COUNTY .....	BARTON	ELEVATION KELLY BUSHINGS .....	1905
ELEVATION GROUND LEVEL .....	1900	TESTING ENGINEER .....	GENE BUDIG
COMPANY REPRESENTATIVE .....	TODD MORGENSTERN		

### TOOL SETTING INFORMATION

TEST INTERVAL (From) .....	3364	TOP PACKER DEPTH .....	3359
TEST INTERVAL (to) .....	3375	BOTTOM PACKER DEPTH .....	3364
ANCHOR LENGTH .....	11	NUMBER OF PACKERS .....	2
TOTAL DEPTH (ft) .....	3375	PACKER SIZE .....	6 3/4
		HOLE SIZE .....	7 7/8

### FLOW TIMES

*INITIAL OPEN*

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

*INITIAL SHUT-IN*

TOOL CLOSED (from) ..... 12:30  
TOOL CLOSED (to) ..... 1:00  
DURATION (min.) ..... 30

*FINAL OPEN*

TOOL OPEN (from) ..... 1:00  
TOOL OPEN (to) ..... 1:30  
DURATION (min.) ..... 30

*FINAL SHUT-IN*

TOOL CLOSED (from) ..... 1:30  
TOOL CLOSED (to) ..... 2:00  
DURATION (min.) ..... 30

### PRESSURE READINGS

INITIAL HYDROSTATIC ..... 1711  
INITIAL FLOW ..... 30  
FINAL INITIAL FLOW ..... 30  
INITIAL SHUT-IN ..... 172  
INITIAL FINAL FLOW ..... 31  
FINAL FLOW ..... 31  
FINAL SHUT-IN ..... 65  
FINAL HYDROSTATIC ..... 1689

MAXIMUM TEMPERATURE ..... 100

TOP RECORDER DEPTH ..... 3368  
RECORDER NUMBER ..... 80507  
BOTTOM RECORDER DEPTH ..... 3372  
RECORDER NUMBER ..... 13208

### INITIAL BLOW

VERY WEAK SURFACE BLOW FOR 9 MINUTES

### FINAL BLOW

NO BLOW

### EXTRA EQUIPMENT

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

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