

SUPERIOR TESTERS ENTERPRISES INC.

Great Bend, Kansas

CHART DATA

(316) 792-6302

ORIGINAL

State KANSAS

County BARBER

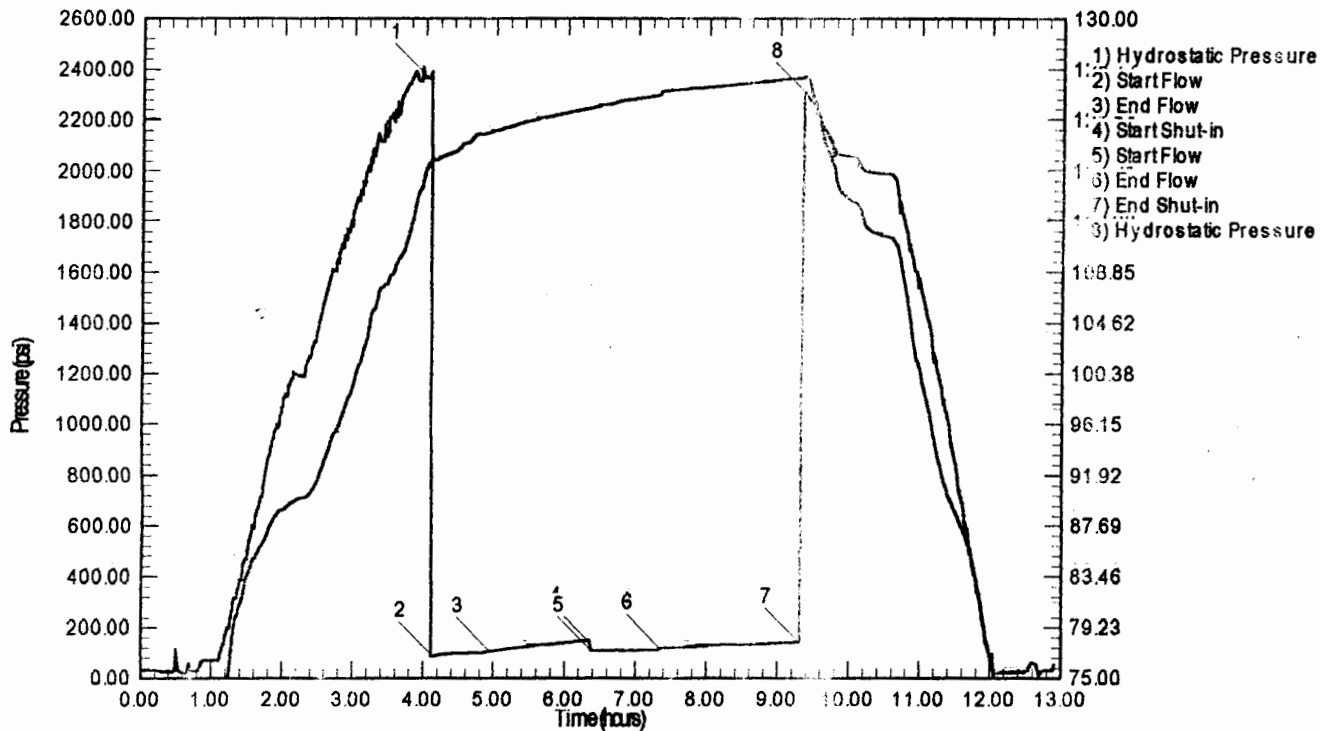
Field

CONFIDENTIAL

Test Date December 14, 2000

Sec Town Range 33-33S-33W

Report Number 13989



RELEASED

Field Reading

MAR 14 2002

(A)	Initial Hydrostatic Pressure	2364
(B)	Initial Flow Pressure	89
(C)	Final Initial Flow Pressure	106
(D)	Initial Shut-In Pressure	149
(E)	Initial Final Flow Pressure	109
(F)	Final Flow Pressure	118
(G)	Final Shut-In Pressure	143
(H)	Final Hydrostatic Pressure	2291

FROM CONFIDENTIAL
KCC

MAR 14 2002

CONFIDENTIAL

ELECTRONIC RECORDER DEPTH 4818 FT, RECORDER NUMBER 78225

Company: HUMMON CORPORATION Lease & Well No. Z-BAR #1 Test #: 1 Date: 12-14-2000 SEC. 33 TWP. 33S R6E.

SUPERIOR TESTERS ENTERPRISES INC.
CONFIDENTIAL DRILL STEM TEST REPORT
GREAT BEND, KANSAS 67530 (316) 792-6902

GENERAL INFORMATION

COMPANY NAME	HUMMON CORPORATION	LEASE AND WELL NUMBER	Z-BAR
TEST DATE	12/14/00 ⁶	FORMATION TESTED	MISSISSIPPI
SECTION-TOWN-RANGE	33-33S-33W	DRILL STEM TEST NUMBER	1
STATE	KANSAS	REPORT NUMBER	13989
COUNTY	BARBER	ELEVATION KELLY BUSHINGS	1724
ELEVATION GROUND LEVEL	1713	TESTING ENGINEER	GENE BUDIG
COMPANY REPRESENTATIVE	ARDEN RATZLAFF		

TOOL SETTING INFORMATION

	KCC		
TEST INTERVAL (From)	4737	TOP PACKER DEPTH	4732
TEST INTERVAL (to)	4825	BOTTOM PACKER DEPTH	4737
ANCHOR LENGTH	88	NUMBER OF PACKERS	2
TOTAL DEPTH (ft)	4825	PACKER SIZE	6 3/4
	CONFIDENTIAL	HOLE SIZE	7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from) 8:45
TOOL OPEN (to) 9:30
DURATION (min.) 45

INITIAL SHUT-IN

TOOL CLOSED (from) 9:30
TOOL CLOSED (to) 11:00
DURATION (min.) 90

FINAL OPEN

TOOL OPEN (from) 11:00
TOOL OPEN (to) 12:00
DURATION (min.) 60

FINAL SHUT-IN

TOOL CLOSED (from) 12:00
TOOL CLOSED (to) 2:00
DURATION (min.) 120

PRESSURE READINGS

INITIAL HYDROSTATIC 2364
INITIAL FLOW 89
FINAL INITIAL FLOW 106
INITIAL SHUT-IN 149
INITIAL FINAL FLOW 109
FINAL FLOW 118
FINAL SHUT-IN 143
FINAL HYDROSTATIC 2291

MAXIMUM TEMPERATURE 125

TOP RECORDER DEPTH 4818
RECORDER NUMBER 78225
BOTTOM RECORDER DEPTH 4822
RECORDER NUMBER 13189

INITIAL BLOW

WEAK BLOW BUILT TO 1 1/2 INCHES INTO THE WATER AND DECREASED TO A VERY WEAK SURFACE FLOW

FINAL BLOW

WEAK BLOW FOR 13 MINUTES AND DIED

EXTRA EQUIPMENT

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

SUPERIOR TESTERS ENTERPRISES INC.

CONFIDENTIAL DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (316)792-6902

WELL INFORMATION

DRILLING CONTRACTOR DUKE DRILLING RIG #1

DRILL PIPE LENGTH 4709

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 9.2

VISCOSITY 43

WATER LOSS 8.8

CHLORIDES-PITS 5000

CHLORIDES-DST

FEET OF RECOVERY	RECOVERY DESCRIPTION	% GAS	% OIL	% MUD	% WATER
1) 75	DRILLING MUD				
2)					
3)					
4)					
5)					
6)					
7)					
8)					
9)					
10)					
11)					
12)					
13)					
14)					
15)					
TOTAL RECOVERY					

KCC

MAR 14 2001

CONFIDENTIAL

COMMENTS

Superior Testers Enterprises, Inc. ORIGINAL
CONFIDENTIAL R.R. 3, Box 295B, Great Bend, Kansas 67530
(316) 792-6902 171362

Date 12-14-2000 Location N 1/4 - 1/4 - 33-33-15" Elevation 2734' County Barber

Company Hummer Corporation Number of Copies 5

Charts Mailed to 950 North Tyler Wichita Kansas 67212

Drilling Contractor Duke Drilling Rig #1

Length Drill Pipe 4709 I.D. Drill Pipe Tool Joint Size

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 4732 Bottom Packer Depth 4737 Number of Packers 2 Packer Size 6 3/4

TESTED FROM 4737 TO 4825 ANCHOR LENGTH 88 TOTAL DEPTH 4825 Hole Size 7 7/8

LEASE & WELL NO. Z-BAR FORMATION TESTED Mississippian TEST NO. 1

Mud Weight 9.4 Viscosity 43 Water Loss 8% Chlorides - Pits 5000 D.S.T.

Maximum Temp. 125 °F Initial Hydrostatic Pressure (A) 2364 P.S.I. Final Hydrostatic Pressure (H) 2291 P.S.

Tool Open I.F.P. from 8:45 a.m. to 9:30 a.m. 45 min

Tool Closed I.C.I.P. from 9:30 a.m. to 11:00 a.m. 90 min

Tool Open F.F.P. from 11:00 a.m. to 12:00 a.m. 60 min

Tool Closed F.C.I.P. from 12:00 a.m. to 2:00 a.m. 120 min

Initial Blow weak blow built to 1 1/2 inches into the water. Decreased to a very wet surface blow

Final Blow weak blow for 13 min & died

Total Feet Recovered 75 Gravity of Oil Correct

75 Feet of Drilling mud % Gas % Oil % Mud % Water

Feet of % Gas % Oil % Mud % Water

Feet of KCC % Gas % Oil % Mud % Water

Feet of MAR 14 2001 % Gas % Oil % Mud % Water

Feet of CONFIDENTIAL % Gas % Oil % Mud % Water

Feet of RELEASED % Gas % Oil % Mud % Water

Feet of MAR 14 2002 % Gas % Oil % Mud % Water

Feet of % Gas % Oil % Mud % Water

Feet of FROM CONFIDENTIAL % Gas % Oil % Mud % Water

Remarks

Extra Equipment - Jars 400 Safety Joint 450 Extra Packer NONE Straddle NONE Hook Wall NONE

Top Recorder No. 78225 Clock No. Electronic Depth 4818 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 13189 Clock No. 47441 Depth 4823 Insurance NONE

Price of Job

Tool Operator Steve Budy

Approved By

NO 13989

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.