

Mike 1-32 by Hummon Corp. 15-007-22634

32-33-15W

Superior Testers Enterprises, Inc.

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

(316) 792-6902

Date 12-15-2000 Location N/2-1/2-1/2-30-33-15W Elevation 1638.64 County SebegeCompany Hummon Corporation Number of Copies 5Charts Mailed to 950 North Tyler Wichita, Kansas 67212Drilling Contractor Duke Drilling Rig #5Length Drill Pipe 4381 I.D. Drill Pipe 380 Tool Joint Size 4 1/2" X.H.Length Weight Pipe NONE I.D. Weight Pipe NONE Tool Joint Size NONELength Drill Collars 120 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X.H.Top Packer Depth 4518 Bottom Packer Depth 4523 Number of Packers 2 Packer Size 6 3/4"TESTED FROM 4523 TO 4732 ANCHOR LENGTH 209 TOTAL DEPTH 4732 Hole Size 7 7/8"LEASE & WELL NO. MIKE #1-32 FORMATION TESTED _____ TEST NO. 1Mud Weight 9.4 Viscosity 49 Water Loss 8.9 Chlorides - Pits 4000 D.S.T. _____Maximum Temp. 121 °F Initial Hydrostatic Pressure (A) 2280 P.S.I. Final Hydrostatic Pressure (H) 2271 P.S.I.Tool Open I.F.P. from 3:30 A.M. to 4:00 A.M. 30 minTool Closed I.C.I.P. from 4:00 A.M. to 4:45 A.M. 45 minTool Open F.F.P. from 4:45 A.M. to 5:45 A.M. 60 minTool Closed F.C.I.P. from 5:45 A.M. to 7:15 A.M. 90 minInitial Blow WEAK blow built to 1 1/2 inches into the water and decreased to aFinal Blow WEAK blow for 22 minutes & Died Surface blowTotal Feet Recovered 200 Gravity of Oil _____ Correct200 Feet of Drilling Mud No Shows + oil or Gas % Gas _____ % Oil _____ % Mud _____ % Wat _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Wat _____

Feet of KCC % Gas _____ % Oil _____ % Mud _____ % Wat _____Feet of MAR 23 2002 ORIGINAL % Gas _____ % Oil _____ % Mud _____ % Wat _____Feet of CONFIDENTIAL % Gas _____ % Oil _____ % Mud _____ % Wat _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Wat _____

Feet of RELEASED % Gas _____ % Oil _____ % Mud _____ % Wat _____Feet of MAR 25 2002 CONFIDENTIAL % Gas _____ % Oil _____ % Mud _____ % Wat _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Wat _____

Remarks FROM CONFIDENTIALExtra Equipment - Jars NONE Safety Joint YES Extra Packer NONE Straddle NONE Hook Wall NONETop Recorder No. 78225 Clock No. Electric Depth 4724 Cir. Sub NONE Sampler NONEBottom Recorder No. 13189 Clock No. 47441 Depth 4729 Insurance NONE

Price of Job _____

Tool Operator Gene Ludwig

Approved By _____

No 13990

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 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.

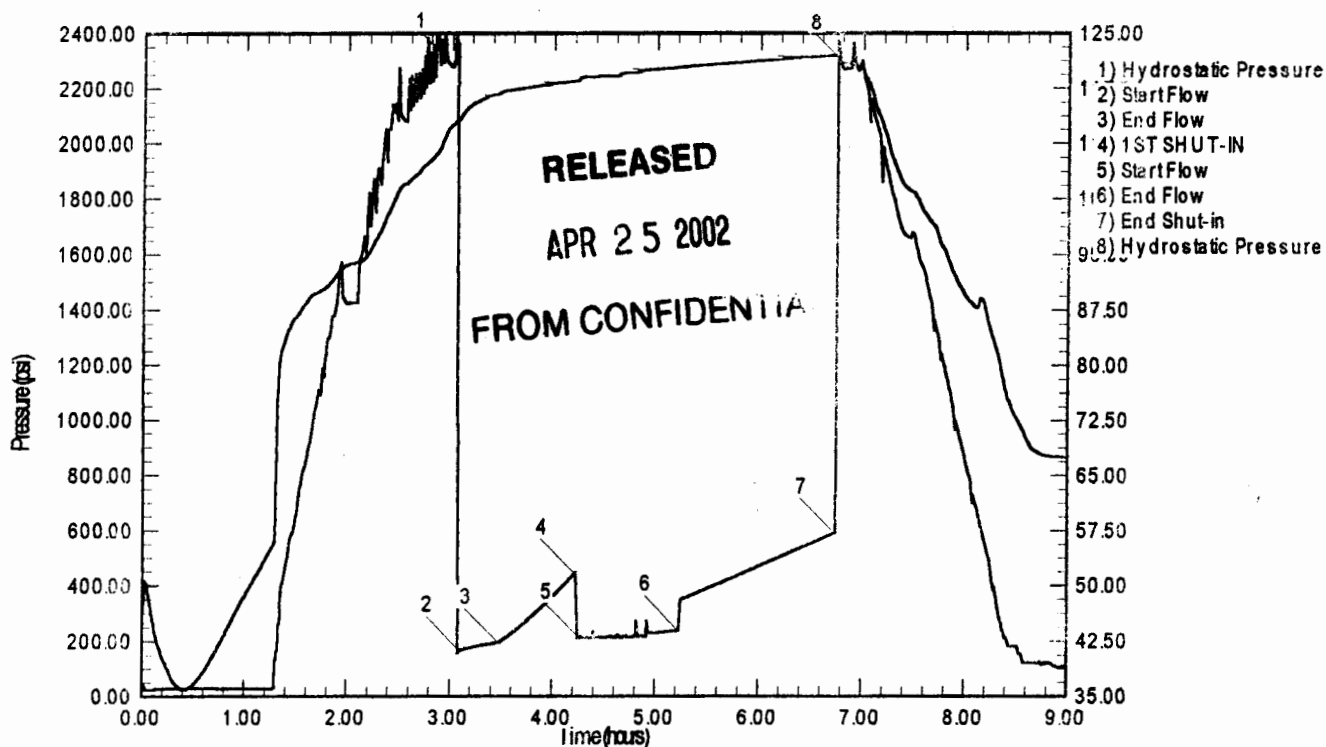
Great Bend, Kansas

CHART DATA

(316) 792-6902

State KANSAS
County BARBER
Field

Test Date December 15, 2000
Sec Town Range 32-33S-15W
Report Number 13990



KCC

MAR 25 2002

Field Reading

CONFIDENTIAL

(1)	Initial Hydrostatic Pressure	2280
(2)	Initial Flow Pressure	165
(3)	Final Initial Flow Pressure	193
(4)	Initial Shut-In Pressure	443
(5)	Initial Final Flow Pressure	210
(6)	Final Flow Pressure	238
(7)	Final Shut-In Pressure	592
(8)	Final Hydrostatic Pressure	2271

ORIGINAL

CONFIDENTIAL

ELECTRONIC RECORDER DEPTH 4724 FT, RECORDER NUMBER 78225

SUPERIOR TESTERS ENTERPRISES INC.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (316)792-6902

GENERAL INFORMATION

COMPANY NAME	HUMMON CORPORATION	LEASE AND WELL NUMBER	MIKE #1-32
TEST DATE	12/15/00	FORMATION TESTED	
SECTION-TOWN-RANGE	32-33S-15W	DRILL STEM TEST NUMBER	1
STATE	KANSAS	REPORT NUMBER	13990
COUNTY	BARBER	ELEVATION KELLY BUSHINGS	
ELEVATION GROUND LEVEL	1638	TESTING ENGINEER	GENE BUDIG
COMPANY REPRESENTATIVE	ARDEN RATZLAFF		

TOOL SETTING INFORMATION

TEST INTERVAL (From)	4523	TOP PACKER DEPTH	4518
TEST INTERVAL (to)	4732	BOTTOM PACKER DEPTH	4523
ANCHOR LENGTH	209	NUMBER OF PACKERS	2
TOTAL DEPTH (ft)	4732	PACKER SIZE	6 3/4
		HOLE SIZE	7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from)	3:30
TOOL OPEN (to)	4:00
DURATION (min.)	30

INITIAL SHUT-IN

TOOL CLOSED (from)	4:00
TOOL CLOSED (to)	4:45
DURATION (min.)	45

FINAL OPEN

TOOL OPEN (from)	4:45
TOOL OPEN (to)	5:45
DURATION (min.)	60

FINAL SHUT-IN

TOOL CLOSED (from)	5:45
TOOL CLOSED (to)	7:15
DURATION (min.)	90

PRESSURE READINGS

INITIAL HYDROSTATIC	2280
INITIAL FLOW	165
FINAL INITIAL FLOW	193
INITIAL SHUT-IN	443
INITIAL FINAL FLOW	210
FINAL FLOW	238
FINAL SHUT-IN	592
FINAL HYDROSTATIC	2271
MAXIMUM TEMPERATURE	121
TOP RECORDER DEPTH	4724
RECORDER NUMBER	78225
BOTTOM RECORDER DEPTH	4729
RECORDER NUMBER	13189

KCC
MAR 23 2002
CONFIDENTIAL

ORIGINAL

INITIAL BLOW

WEAK BLOW BUILT TO 1 1/2 INCHES AND DECREASED TO A WEAK SURFACE BLOW

FINAL BLOW

WEAK SURFACE BLOW FOR 23 MINUTES AND DIED

CONFIDENTIAL

EXTRA EQUIPMENT

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

SUPERIOR TESTERS ENTERPRISES INC.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (316)792-6902

WELL INFORMATION

DRILLING CONTRACTOR DUKE DRILLIN RIG#5

DRILL PIPE LENGTH 4381

DRILL PIPE I.D. 3.8

TOOL JOINT SIZE 4 1/2 X.H.

DRILL COLLAR LENGTH 120

DRILL COLLAR I.D. 2.25

TOOL JOINT SIZE 4 1/2 X.H.

WEIGHT PIPE LENGTH

WEIGHT PIPE I.D. 2.23

TOOL JOINT SIZE 4 1/2 X.H.

MUD WEIGHT #/GAL 9.2

VISCOSITY 49

WATER LOSS 80

CHLORIDES-PITS 4000

CHLORIDES-DST

FEET OF RECOVERY	RECOVERY DESCRIPTION	% GAS	% OIL	% MUD	% WATER
1) 200	DRILLING MUD WITH NO SHOWS OF OIL OR GAS				
2)					
3)					
4)					
5)					
6)					
7)					
8)					
9)					
10)					
11)					
12)					
13)					
14)					
15)					

TOTAL RECOVERY

COMMENTS

ORIGINAL

CONFIDENTIAL

Superior Testers Enterprises, Inc.

R.R. 3, Box 2568, Great Bend, Kansas 67530

(316) 792-6902

Date 12-16-2000 Location N 1/2 - S 1/2 - E 1/4 - 32-33-15W Elevation 1638 G.L. County Barber

Company Hummer Corporation Number of Copies 5

Charts Mailed to 950 North Tyler Wichita Kansas 67212

Drilling Contractor Duke Drilling Co #5

Length Drill Pipe 4582 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2" X 4 1/2"

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

Length Drill Collars 120 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X 4 1/2"

Top Packer Depth 4719 Bottom Packer Depth 4724 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 4724 TO 4816 ANCHOR LENGTH 92 TOTAL DEPTH 4816 Hole Size 7 1/8"

LEASE & WELL NO. Mike #1-32 FORMATION TESTED Mississippi TEST NO. 2

Mud Weight 8.9 Viscosity 69 Water Loss 8.9 Chlorides - Pits 6000 D.S.T.

Maximum Temp. 125 °F Initial Hydrostatic Pressure (A) 2343 P.S.I. Final Hydrostatic Pressure (H) 2301 P.S.

Tool Open I.F.P. from 6:00 AM to 6:30 AM 30 min

from [B] 191 P.S.I. to [C] 199 P.S.I.

Tool Closed I.C.I.P. from 6:30 AM to 7:30 AM 60 min

[D] 149 P.S.I.

Tool Open F.F.P. from 7:30 AM to 8:30 AM 60 min

from [E] 108 P.S.I. to [F] 116 P.S.I.

Tool Closed F.C.I.P. from 8:30 AM to 10:30 AM 120 min

[G] 156 P.S.I.

Initial Blow WEAK blow built to 12 in. wobs. Decreased to a very weak intermittent surface blow

Final Blow no blow

Total Feet Recovered 75 Gravity of Oil _____ Corrosion _____

75 Feet of 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 _____

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 FROM CONFIDENTIAL

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

Top Recorder No. 28225 Clock No. Electronic Depth 4809 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 13189 Clock No. 4744 Depth 4813 Insurance NONE

Price of Job _____

Tool Operator Steve Brady

Approved By _____

No 13991

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SUPERIOR TESTERS ENTERPRISES INC.

Great Bend, Kansas

CHART DATA

(316) 792-6902

State KANSAS

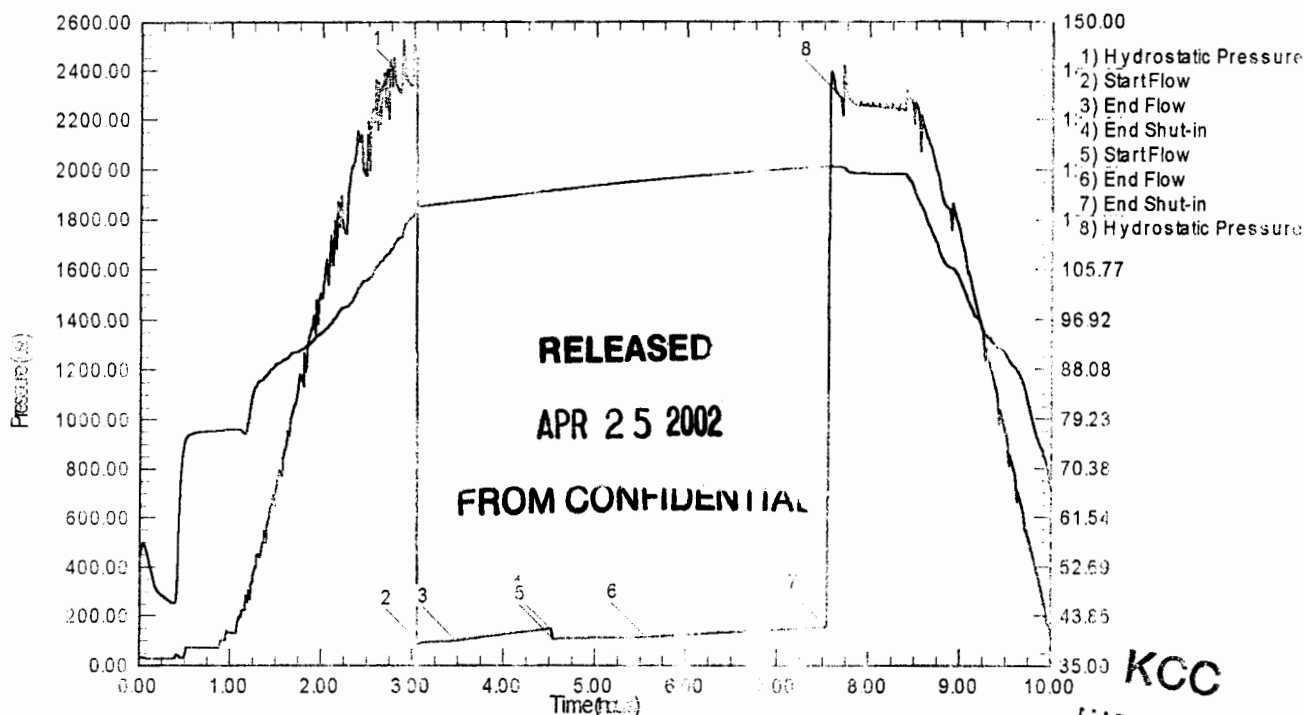
Test Date December 16, 2000

County BARBER

Sec Town Range 32-33S-15W

Field

Report Number 13991



Field Reading

(1)	Initial Hydrostatic Pressure	2348
(2)	Initial Flow Pressure	91
(3)	Final initial Flow Pressure	100
(4)	Initial Shut-In Pressure	149
(5)	Initial Final Flow Pressure	108
(6)	Final Flow Pressure	116
(7)	Final Shut-In Pressure	153
(8)	Final Hydrostatic Pressure	2301

ORIGINAL

CONFIDENTIAL

ELECTRONIC RECORDER DEPTH 4809 FT, RECORDER NUMBER 78225

SUPERIOR TESTERS ENTERPRISES INC.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (316)792-6902

GENERAL INFORMATION

COMPANY NAME	 HUMMON CORPORATION	LEASE AND WELL NUMBER	 MIKE #1-32
TEST DATE	 12/16/00	FORMATION TESTED	 MISSISSIPPI
SECTION-TOWN-RANGE	 32-33S-15W	DRILL STEM TEST NUMBER	 2
STATE	 KANSAS	REPORT NUMBER	 13951
COUNTY	 BARGER	ELEVATION KELLY BUSHINGS	 1648
ELEVATION GROUND LEVEL	 1638	TESTING ENGINEER	 GENE BUDIG
COMPANY REPRESENTATIVE	 ARDEN RATZLAFF		

TOOL SETTING INFORMATION

TEST INTERVAL (From)	 4724	TOP PACKER DEPTH	 4719
TEST INTERVAL (to)	 4816	BOTTOM PACKER DEPTH	 4724
ANCHOR LENGTH	 92	NUMBER OF PACKERS	 2
TOTAL DEPTH (ft)	 4816	PACKER SIZE	 6 3/4
		HOLE SIZE	 7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from)	 6:00
TOOL OPEN (to)	 6:30
DURATION (min.)	 30

INITIAL SHUT-IN

TOOL CLOSED (from)	 6:30
TOOL CLOSED (to)	 7:30
DURATION (min.)	 90

FINAL OPEN

TOOL OPEN (from)	 7:30
TOOL OPEN (to)	 8:30
DURATION (min.)	 60

FINAL SHUT-IN

TOOL CLOSED (from)	 8:30
TOOL CLOSED (to)	 10:30
DURATION (min.)	 120

PRESSURE READINGS

INITIAL HYDROSTATIC	 2348
INITIAL FLOW	 91
FINAL INITIAL FLOW	 100
INITIAL SHUT-IN	 149
INITIAL FINAL FLOW	 108
FINAL FLOW	 116
FINAL SHUT-IN	 156
FINAL HYDROSTATIC	 2301

MAXIMUM TEMPERATURE 125

TOP RECORDER DEPTH	 4809
RECORDER NUMBER	 78225
BOTTOM RECORDER DEPTH	 4813
RECORDER NUMBER	 13189

KCC
MAR 23 2002
CONFIDENTIAL

ORIGINAL

CONFIDENTIAL

INITIAL BLOW

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

FINAL BLOW

NO BLOW

EXTRA EQUIPMENT

JARS	 NO
SAFETY JOINT	 YES
ELECTRONIC RECORDER	 YES
CIRCULATING SUB	 NO

EXTRA PACKER (3RD)	 NO
EXTRA PACKER (4TH)	 NO
STRADDLE	 NO
HOOK WALL	 NO
SAMPLER	 NO

SUPERIOR TESTERS ENTERPRISES INC.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (316)792-6902

WELL INFORMATION

DRILLING CONTRACTOR DUKE DRILLING RIG #5

DRILL PIPE LENGTH 4582

DRILL PIPE I.D. 3.8

TOOL JOINT SIZE 4 1/2 X.H.

DRILL COLLAR LENGTH 120

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 8.8

VISCOSITY 69

WATER LOSS 8.8

CHLORIDES-PITS 6000

CHLORIDES-DST

FEET OF RECOVERY		RECOVERY DESCRIPTION	% GAS	% OIL	% MUD	% WATER
1)	75	DRILLING MUD				
2)		KCC MAR 25 2002 CONFIDENTIAL ORIGINAL				
3)						
4)						
5)						
6)						
7)						
8)						
9)						
10)						
11)						
12)						
13)						
14)						
15)						
TOTAL RECOVERY						

COMMENTS

CONFIDENTIAL