

KANSAS CORPORATION COMMISSION
OIL & GAS DIVISION

Form ACO-1

September 1999

Form Must Be Typed

CONFIDENTIAL WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 5050
Name: Hummon Corporation
Address: 950 N. Tyler
City/State/Zip: Wichita, KS 67212
Purchaser:
Operator Contact Person: Karen Houseberg
Phone: (316) (316) 773-2300
Contractor: Name: Duke Drilling
License: 15929
Wellsite Geologist: Arden Ratzlaff

API NO. 15 - 15-007-22,634-80-00
County: Barber
Apprx N2 SW NW - 32 Sec. 33 S. R. 15 East West
1700ftnl feet from S / (N) (circle one) Line of Section
1360fwl feet from E / (W) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE (NW) SW
Lease Name: Mike Well #: 1-32
Field Name: Wildcat
Producing Formation: Mississippi

Designate Type of Completion:
 New Well JB Re-Entry Workover
 Oil KCC SWD SLOW Temp. Above Amount of Surface Pipe Set and Cemented at 920' Feet
 Gas ENHR SIGW Multiple Stage Cementing Collar Used? Yes No
 Dry Other (Core, WSW, Expl., Cathodic, etc)

Elevation: Ground: 1638 Kelly Bushing: 1649
Annular Depth: 4900 Plug Back Total Depth:
If Alternate II completion, cement circulated from
feet depth to w/ sx cmt.

If Workover/Re-entry: Old Well Info as follows:

Operator:
Well Name:
Original Comp. Date: Original Total Depth:
Deepening Re-perf. Conv. to Enhr/SWD
Plug Back Plug Back Total Depth
Commingled Docket No.
Dual Completion Docket No.
Other (SWD or Enhr.?) Docket No.

Drilling Fluid Management Plan Alt 1 8/23/01 JB
(Data must be collected from the Reserve Pit)

12/5/00 12/17/00 2/5/01
Spud Date or Date Reached TD Completion Date or Recompletion Date

Chloride content ppm Fluid volume KCC bbls
Dewatering method used
Location of fluid disposal if hauled offsite: MAR 23 2002
Operator Name: **CONFIDENTIAL**
Lease Name: License No.:
Quarter Sec Twp S. R. East West
County: Docket No.:

RECEIVED
KANSAS CORPORATION COMMISSION
APR 19 2001
RELEASED
APR 25 2002

FROM CONFIDENTIAL

INSTRUCTIONS: An original and two copies of this form shall be filed with Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Sue Brady
Title: Sue Brady Date: 3/12/01

Subscribed and sworn to before me this 12 day of March, 2001

Notary Public: Karen E. Houseberg
Date Commission Expires: 9/5/02

KAREN E. HOUSEBERG
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. Sept 5 2002

KCC Office Use ONLY
 Letter of Confidentiality Attached
If Denied, Yes Date: 1
Wireline Log Received
UIC Distribution
KCC

Operator Name: Hummon Corporation Lease Name: Mike Well: 1-32
 Sec. 32 Twp. 33 S. R. 15 East West County: Barber

INSTRUCTIONS: Show important tops and bas of formations penetrated. Detail all cores. Report all final copies of drill stem tests giving interval test, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final charts(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken Yes No Yes No
 (Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No Yes No
 (Submit Copy)

List All E. Logs Run:)
 -Gama Ray, Dual Induction, Neutron & Density, Microlog, S.p., Sonic & Caliper
 DST1

DST 2

Log Formation (Top), Depth and Datum Sample Datum
 Name Top

Wabunsee 3054 -1405
 Elmont 3217 -1568
 Heebner 3958 -2309
 Lansing 4144 -2495
 Stark 4494 -2845
 Miss. 4762 -3113
 TD 4902 -3253

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ORIGINAL

CASING RECORD New Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (in O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Conductor	17-1/2"	13-3/8"	54#	282'	Lite Class A	150	3%cc
Surface	12-1/4"	8-5/8"	24#	920'	Class A	256	3% cc 2% gel
Production	7-7/8"	4-1/2"	10.5#	4892'	ASC	150	5#/sk kolseal 1/4#/sk floeal

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2spf	4764-94'	Acidized 2000g 7-1/2% followed by frac	
		20/40 sand frac, 65% N2 foam, rock salt	

TUBING RECORD Size 2-3/8" Set At 4978.9 Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SWD or Enhr. n/a Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil Bbls _____ Gas Mcf _____ Water Bbls _____ Gas-Oil Ratio _____ Gravity _____

Disposition of Gas: Vented Sold Used On Lease Open Hole Perf Dually Comp. Commingled
 (If vented, Sumit ACO-18.) Other Specify _____

ALLIED CEMENTING CO., INC. 4575

Federal Tax I.D.# 48-0727860

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Marine Lodge

DATE <i>12-5-00</i>	SEC. <i>32</i>	TWP. <i>33</i>	RANGE <i>15W</i>	CALLED OUT <i>1:00</i>	ON LOCATION <i>2:30</i>	JOB START <i>7:15</i>	JOB FINISH <i>8:30</i>
LEASE <i>MPKE</i>	WELL # <i>1-32</i>	LOCATION <i>Deerhead 9-5-34W-1/2</i>		COUNTY <i>Barber</i>	STATE <i>KS</i>		

OLD OR NEW (Circle one)

CONTRACTOR *Duke Delg #5*

TYPE OF JOB *Conductor*

HOLE SIZE _____ T.D. *285*

CASING SIZE *13 3/8* DEPTH *283*

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. *20ff*

PERFS. _____

DISPLACEMENT *39 bbls.*

EQUIPMENT _____

PUMP TRUCK CEMENTER *Larry Storm*

351-302 HELPER *Dave West*

BULK TRUCK _____

353- DRIVER *MPKE Rucker*

BULK TRUCK _____

_____ DRIVER _____

OWNER *Hummon Corp.*

CEMENT

AMOUNT ORDERED *150 sks 65/35:16+3% CACL2 + 416 Fl-Seal + 200 sks CLASS A + 3% CACL2 + 2% Gd*

COMMON A	<i>100</i>	@	<i>6.35</i>	<i>635.00</i>
POZMIX		@		
GEL	<i>2</i>	@	<i>9.50</i>	<i>19.00</i>
CHLORIDE	<i>9</i>	@	<i>28.00</i>	<i>252.00</i>
AW	<i>150</i>	@	<i>6.00</i>	<i>900.00</i>
Fl-SEAL	<i>38#</i>	@	<i>1.15</i>	<i>43.70</i>
		@		
		@		
		@		
HANDLING	<i>269</i>	@	<i>1.05</i>	<i>282.45</i>
MILEAGE	<i>33</i> x <i>269</i>		<i>.04</i>	<i>355.08</i>

TOTAL *2487.23*

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KCC
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REMARKS:
*Break Circulation with Rotary Mud
Mixed 150 sks 65/35:16+3+416 Fl-Seal
Seal - Talled with 100 sks CLASS A
3% CACL2 + 2% Gd. Displaced with
39 bbls Freshwater
Circulated Cement to Surface!*

SERVICE

DEPTH OF JOB *283'*

PUMP TRUCK CHARGE *470.00*

EXTRA FOOTAGE @ _____

MILEAGE *33* @ *3.00* *99.00*

PLUG @ _____

TOTAL *569.00*

CHARGE TO: *Hummon Corp*

STREET *950 N. TYLER*

CITY *WICHITA* STATE *KANSAS* ZIP *67212*

FLOAT EQUIPMENT

1-13 3/8 Basket @ *250.00* *250.00*

TOTAL *250.00*

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE *[Signature]*

TAX _____

TOTAL CHARGE *3306.23*

DISCOUNT *330.63* IF PAID IN 30 DAYS
\$2975.60

POLE LIVINGSTON
PRINTED NAME

CONFIDENTIAL
ORIGINAL

13 3/8 conductor mile 1-32

ALLIED CEMENTING CO., INC. 4579

Federal Tax I.D.# 48-0727860

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: Med Lodge

DATE <u>12-6-00</u>	SEC. <u>32</u>	TWP. <u>33S</u>	RANGE <u>15W</u>	CALLED OUT <u>10:00 AM</u>	ON LOCATION <u>12:00 PM</u>	JOB START <u>8:00 PM</u>	JOB FINISH <u>9:00 PM</u>
LEASE <u>Mike</u>	WELL # <u>1-32</u>	LOCATION <u>Deerhead 9s 34w</u>			COUNTY <u>Barber</u>	STATE <u>Ks</u>	
OLD OR NEW (Circle one)		<u>N/into</u>					

CONTRACTOR <u>Dulje #5</u>	OWNER <u>Hummon Corp.</u>
TYPE OF JOB <u>Surface</u>	
HOLE SIZE <u>8 5/8</u>	T.D. <u>965</u>
CASING SIZE <u>8 5/8</u>	DEPTH <u>957</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX <u>200</u>	MINIMUM <u>50</u>
MEAS. LINE	SHOE JOINT <u>26</u>
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT <u>58 BBL Fresh #3</u>	
EQUIPMENT	
PUMP TRUCK CEMENTER <u>Justin Hart</u>	
# <u>261-265</u> HELPER <u>Mark Brungardt</u>	
BULK TRUCK	
# <u>259-252</u> DRIVER <u>Jason T</u>	
BULK TRUCK	
#	DRIVER

CEMENT	AMOUNT ORDERED	<u>250</u> sx	<u>Class A + 3%</u>
		<u>cc + 2% gel</u>	
COMMON A	<u>250</u>	@ <u>6.35</u>	<u>1587.50</u>
POZMIX		@	
GEL	<u>5</u>	@ <u>9.50</u>	<u>47.50</u>
CHLORIDE	<u>9</u>	@ <u>28.00</u>	<u>252.00</u>
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>264</u>	@ <u>1.05</u>	<u>277.20</u>
MILEAGE	<u>264</u> x <u>33</u>	<u>-04</u>	<u>348.48</u>
TOTAL			<u>2512.68</u>

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REMARKS:
Pipe on Bottom Break Circ
4 1/2 x 150 sx A 3/2 @ 15.2' on Bottom
Disp 58 BBLs after Releasing
plug 50' Diff Bump plug to
200' shut in + release pressure
Top off with 100 sx A 3/2

SERVICE	DEPTH OF JOB	<u>957'</u>	
	PUMP TRUCK CHARGE	<u>0-300'</u>	<u>470.00</u>
	EXTRA FOOTAGE	<u>657'</u> @ <u>.43</u>	<u>282.51</u>
	MILEAGE	<u>33</u> @ <u>3.00</u>	<u>99.00</u>
	PLUG	<u>8 5/8 TRP</u> @ <u>90.00</u>	<u>90.00</u>
		@	
		@	
TOTAL			<u>941.51</u>

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CHARGE TO: Hummon Corp.
STREET 950 N. TYLER ROAD
CITY WECHITA STATE KANSAS ZIP 67212

8 5/8	1 - Baffle plate	@ <u>45.00</u>	<u>45.00</u>
	2 - Baskets	@ <u>180.00</u>	<u>360.00</u>
		@	
		@	
		@	
TOTAL			<u>405.00</u>

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX	
TOTAL CHARGE	<u>3859.19</u>
DISCOUNT	<u>385.92</u> IF PAID IN 30 DAYS
	<u>3473.27</u>
SIGNATURE	<u>Frank Clark</u>
	PRINTED NAME

SIGNATURE [Signature]

8 5/8 surface mike 1-32

ALLIED CEMENTING CO., INC. 4609

Federal Tax I.D.# 48-0727860

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Medicine Lodge

DATE <i>R-12-00</i>	SEC <i>22</i>	TWP <i>33</i>	RANGE <i>15</i>	CALLED OUT <i>8:00 pm</i>	ON LOCATION <i>9:00 pm</i>	JOB START <i>3:40 Am</i>	JOB FINISH <i>4:15 Am</i>	
LEASE <i>M.L.</i>	WELL # <i>1</i>	LOCATION <i>160 + Deerwood Aetna Rd.</i>			COUNTY <i>Barber</i>	STATE <i>KS</i>		
OLD OR NEW (Circle one) <input checked="" type="checkbox"/> NEW				LOCATION <i>S to Pantel Post Rd. w/into</i>				

CONTRACTOR <i>Duke S</i>	OWNER <i>Hummon Corp.</i>
TYPE OF JOB <i>Production</i>	
HOLE SIZE <i>7 7/8</i>	T.D. <i>4900</i>
CASING SIZE <i>4 1/2</i>	DEPTH <i>4892</i>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX <i>1400</i>	MINIMUM <i>-</i>
MEAS. LINE	SHOE JOINT <i>40</i>
CEMENT LEFT IN CSG	
PERFS:	
DISPLACEMENT <i>77 1/2 bbls 2 1/2 KCL</i>	
EQUIPMENT	
PUMP TRUCK CEMENTER <i>Pant Baldwin</i>	
# <i>386-302</i> HELPER <i>David West</i>	
BULK TRUCK	
# <i>240</i> DRIVER <i>Dave Felio</i>	
BULK TRUCK	
#	DRIVER
	TOTAL <i>2732.89</i>

CEMENT	AMOUNT ORDERED <i>25 sx 60:40:6</i>
	<i>150 sx Asc + 5" kol-seal + 1/4" flo-seal</i>
	<i>8 Gal Chpio 500 Gal mud-clean</i>
COMMON <i>15</i>	@ <i>6.35</i> <i>95.25</i>
POZMIX <i>10</i>	@ <i>3.25</i> <i>32.50</i>
GEL <i>1</i>	@ <i>9.50</i> <i>9.50</i>
CHLORIDE	
<i>Asc 150</i>	@ <i>8.20</i> <i>1230.00</i>
<i>Kol-seal 750</i>	@ <i>38</i> <i>285.00</i>
<i>Flo-seal 38</i>	@ <i>11.5</i> <i>437.00</i>
<i>CLAPRO 8 bars</i>	@ <i>27.0</i> <i>216.00</i>
<i>MUD CLEAN 500 bbls</i>	@ <i>75</i> <i>375.00</i>
HANDLING <i>202</i>	@ <i>1.05</i> <i>212.10</i>
MILEAGE <i>202 X 33</i>	@ <i>.04</i> <i>866.64</i>

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REMARKS:
*Pipe on bottom. Break circulation.
Pump 500 Gal mud-clean plug
1 1/2" hole w/ 10" sx 60:40:6. Switch valves
to casing 4 1/2" sx 60:40:6 + 150 sx Asc.
Washout pump + lines. Displace
with 77 1/2 bbls 2 1/2 KCL water.
Bump plug + Float Held.*

DEPTH OF JOB <i>4892</i>	
PUMP TRUCK CHARGE	<i>1214.80</i>
EXTRA FOOTAGE	
MILEAGE <i>33</i>	@ <i>3.00</i> <i>99.00</i>
PLUG <i>1</i>	@
	@
	@
	@
	TOTAL <i>1313.00</i>

COPY

CHARGE TO: *Hummon Corp.*
STREET *950 N. Tyler*
CITY *WICHITA* STATE *KANSAS* ZIP *67212*

FLOAT EQUIPMENT	
<i>1-AFU Float Shoe</i>	@ <i>200.00</i> <i>200.00</i>
<i>1-Latch Down plug</i>	@ <i>300.00</i> <i>300.00</i>
<i>6-Centralizers</i>	@ <i>45.00</i> <i>270.00</i>
	@
	@
	TOTAL <i>770.00</i>

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX CONFIDENTIAL	
TOTAL CHARGE <i>4815.89</i>	
DISCOUNT <i>481.89</i>	IF PAID IN 30 DAYS
<i>4334.30</i>	

SIGNATURE *[Signature]* PRINTED NAME *Frank Clark*

Superior Testers Enterprises, Inc.

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

(316) 792-6902

Date 12-15-2000 Location N/2-1/4-15-30-33-15 W Elevation 16386 County Osage

Company Huffman Cooperation Number of Copies 5

Charts Mailed to 950 North Tyler Wichita, Kansas 67212

Drilling Contractor Duke Drilling Ris #5

Length Drill Pipe 4381 I.D. Drill Pipe 380 Tool Joint Size 4 1/2" X 1 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 1 1/2"

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. 1

Mud 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.

Tool Open I.F.P. from 3:30 A.M. to 4:00 A.M. 30 min

Tool Closed I.C.I.P. from 4:00 A.M. to 4:45 A.M. 45 min

Tool Open F.F.P. from 4:45 A.M. to 5:45 A.M. 60 min

Tool Closed F.C.I.P. from 5:45 A.M. to 7:15 A.M. 90 min

Initial Blow WEAK blow built to 1 1/2 inches into the water and DECREASED to a w

Final Blow WEAK blow for 22 minutes & DIED SURFACE BLOW

Total Feet Recovered 200 Gravity of Oil _____ Correct

200 Feet of Drilling Mud NO SHOWS OF 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 _____ %Gas _____ %Oil _____ %Mud _____ %Wat _____

Feet of OR 25 2002 CONFIDENTIAL %Gas _____ %Oil _____ %Mud _____ %Wat _____

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

Remarks FROM CONFIDENTIAL

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

Top Recorder No. 78225 Clock No. ELECTRIC Depth 4724 Cir. Sub. NONE Sampler NONE

Bottom 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 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.

Company: HUMMON CORPORATION Lease & Well No. Mike #1-32 Test #: 1 Date: 12-15-2000 SEC. 32 TWP. 33S R. 3E
 15W

SUPERIOR TESTERS ENTERPRISES INC.

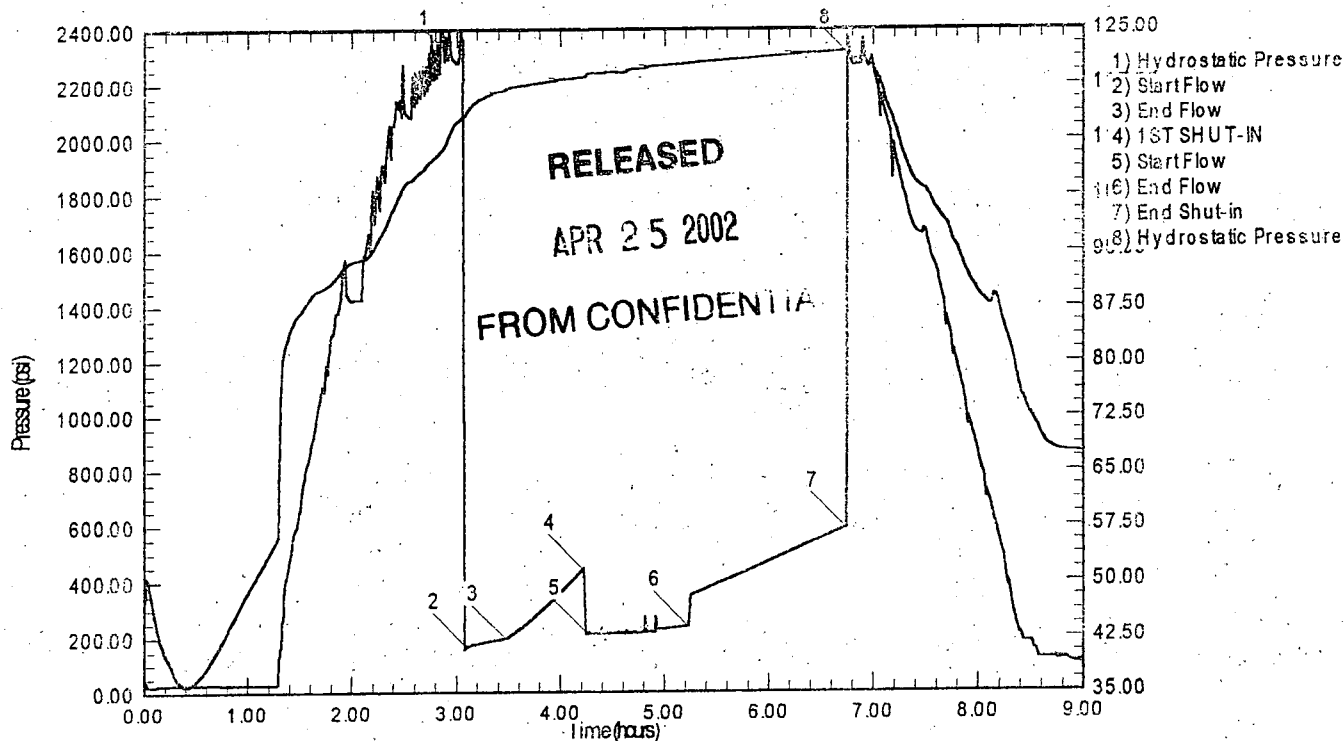
Great Bend, Kansas

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

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Field Reading

(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	1930	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

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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

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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 **4331**

DRILL PIPE I.D. **3.8**

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.**

DRILL COLLAR LENGTH **120**

DRILL COLLAR I.D. **2.25**

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)					

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TOTAL RECOVERY

COMMENTS

ORIGINAL

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Superior Testers Enterprises, Inc.

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

(316) 792-6902

Date 12-16-2000 Location N/2-S/2-4th - 32-33-15^W Elevation 1638 G.L. 1648 K.G. County Labette

Company Huffman Corporation Number of Copies 5

Charts Mailed to 950 North Tyler Wichita Kansas 67212

Drilling Contractor Duke Drilling Rig #5

Length Drill Pipe 4582 I.D. Drill Pipe 2.80 Tool Joint Size 4 1/2" X.H.

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

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

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 7/8

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) 2348 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] 1091 P.S.I. to [C] 109 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 16 inches DECREASED TO VERY WEAK INTERMITTENT SURFACE BLOW

Final Blow NO BLOW

Total Feet Recovered 75 Gravity of Oil _____ Correr _____

75 Feet of Drilling mud % Gas _____ % Oil _____ % Mud _____ % Wat _____

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

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

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

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

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

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

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

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

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

Remarks FROM CONFIDENTIAL

Extra Equipment - Jars NONE Safety Joint 483 Extra Packer NONE Straddle NONE Hook Wall NONE

Top Recorder No. 28025 Clock No. Electronic Depth 4809 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 13189 Clock No. 47441 Depth 4813 Insurance NONE

Price of Job _____

Tool Operator Steve Brady

Approved By _____

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 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.

No. 13991

SUPERIOR TESTERS ENTERPRISES INC.

Great Bend, Kansas

CHART DATA

(316) 792-6902

State KANSAS

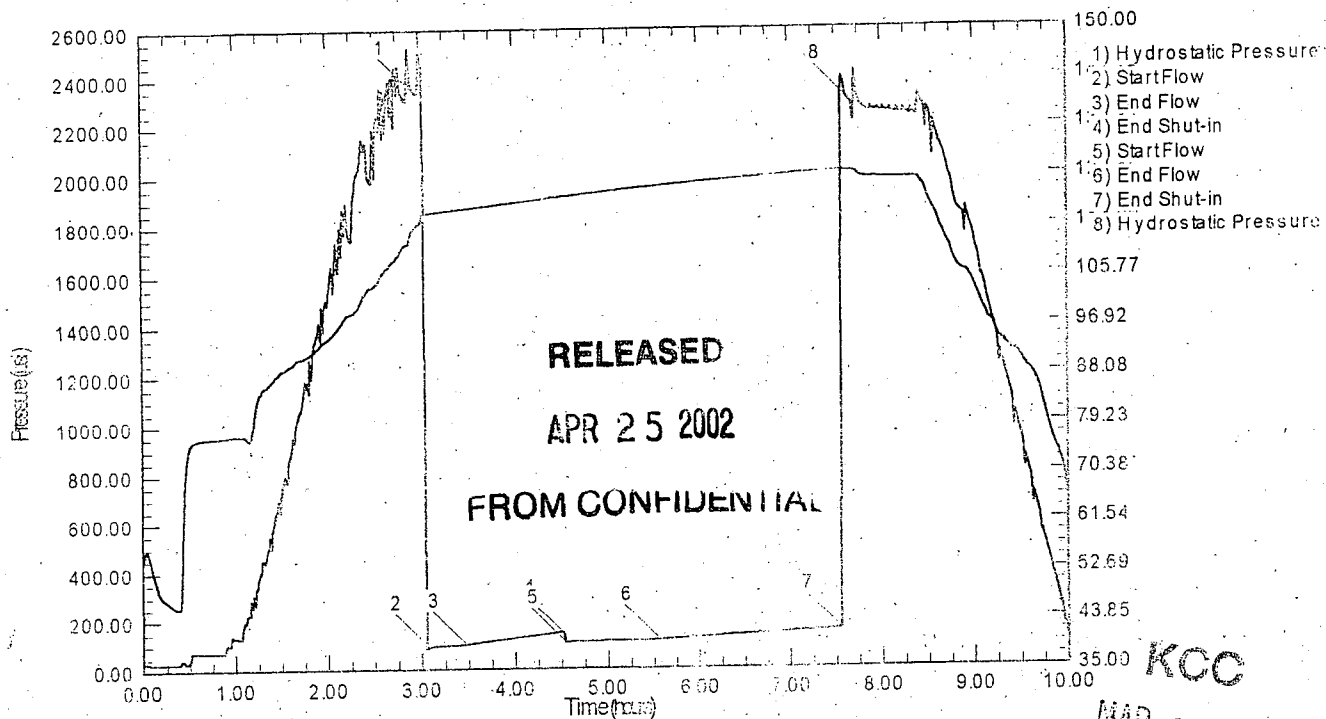
County BARBER

Field

Test Date December 16, 2000

Sec Town Range 32-33S-15W

Report Number 13991



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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	156
(8)	Final Hydrostatic Pressure	2301

ORIGINAL

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ELECTRONIC RECORDER DEPTH 4809 FT, RECORDER NUMBER 78225

15W
Company: HUMMON CORPORATION Lease 2 Well No. MIKE #1-32 Test #: 2 Date: 12-16-2000 SEC. 32 TWP 33S RGE

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	..... 13991
COUNTY	..... BARBER	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

<i>INITIAL OPEN</i>	
TOOL OPEN (from)	..... 6:00
TOOL OPEN (to)	..... 6:30
DURATION (min.)	..... 30
<i>INITIAL SHUT-IN</i>	
TOOL CLOSED (from)	..... 6:30
TOOL CLOSED (to)	..... 7:30
DURATION (min.)	..... 60
<i>FINAL OPEN</i>	
TOOL OPEN (from)	..... 7:30
TOOL OPEN (to)	..... 8:30
DURATION (min.)	..... 60
<i>FINAL SHUT-IN</i>	
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

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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	EXTRA PACKER (3RD)	..... NO
SAFETY JOINT	..... YES	EXTRA PACKER (4TH)	..... NO
ELECTRONIC RECORDER	..... YES	STRADDLE	..... NO
CIRCULATING SUB	..... NO	HOOB 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.

WEIGHT PIPE LENGTH

WEIGHT PIPE I.D. 2.25

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.

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)					
3)					
4)					
5)					
6)					
7)					
8)					
9)					
10)					
11)					
12)					
13)					
14)					
15)					
TOTAL RECOVERY					

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MAR 23 2002

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ORIGINAL

COMMENTS

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