Computer Inventoried

Superior Testers Enterprises, Inc.

COPY

R.R. 3, Box 295B, Great Bend, Kansas 67530
(316) 792-6902

Date 9 16 91 Location 9 18s 12 W Elevation 1801 KB County BARTON
Company TOMKAT LTD Number of Copies 5
Charts Mailed to PO Box 1471 Great Bend KANSAS 67530
Drilling Contractor DUKE Drilling
Length Drill Pipe 2378 I.D. Drill Pipe 3 80 Tool Joint Size 4½ FH
Length Weight Pipe 571 I.D. Weight Pipe 2 75 Tool Joint Size 4½ FH
Length Drill Collars 425 I.D. Drill Collars 2,25 Tool Joint Size 4½ FH
Top Packer Depth 3298 Bottom Packer Depth 3401 Number of Packers Three Packer Size 6¾
TESTED FROM 3298 TO 3407 ANCHOR LENGTH 103 TOTAL DEPTH 3420 Hole Size 7⅞
LEASE & WELL NO. Propst 2 FORMATION TESTED Arb TEST NO. 1
Mud Weight 9.2 Viscosity 55 Water Loss 10.4 Chlorides - Pits 7,000 D.S.T.
Maximum Temp. 112 °F Initial Hydrostatic Pressure (A) 1877 P.S.I. Final Hydrostatic Pressure (H) 1867 P.S.I.

Tool Open I.F.P. from 115 m to 145 m 30 min
Tool Closed I.C.I.P. from 145 m to 230 m 45 min
Tool Open F.F.P. from 230 m to 315 m 30 min
Tool Closed F.C.I.P. from 315 m to 415 m 60 min

from [B] 567 P.S.I. to [C] 708 P.S.I.
[D] 942 P.S.I.
from [E] 797 P.S.I. to [F] 831 P.S.I.
[G] 942 P.S.I.

Initial Blow STRONG BLOW OFF BOTTOM 1ST
Final Blow STRONG BLOW OFF BOTTOM 1ST
Total Feet Recovered 1420' MUDDY WATER SLIGHT SHOW OF OIL Gravity of Oil _____ Corrected

_____ 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 _____

Extra Equipment - Jars — Safety Joint — Extra Packer Yes Straddle Yes Hook Wall —
Top Recorder No. 13207 Clock No. 2317 Depth 3394 Cir. Sub — Sampler —
Bottom Recorder No. 13214 Clock No. 23519 Depth 3417 Insurance —
Price of Job _____
Tool Operator PAT STEVENS
Approved By _____

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, of 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.

No 10893

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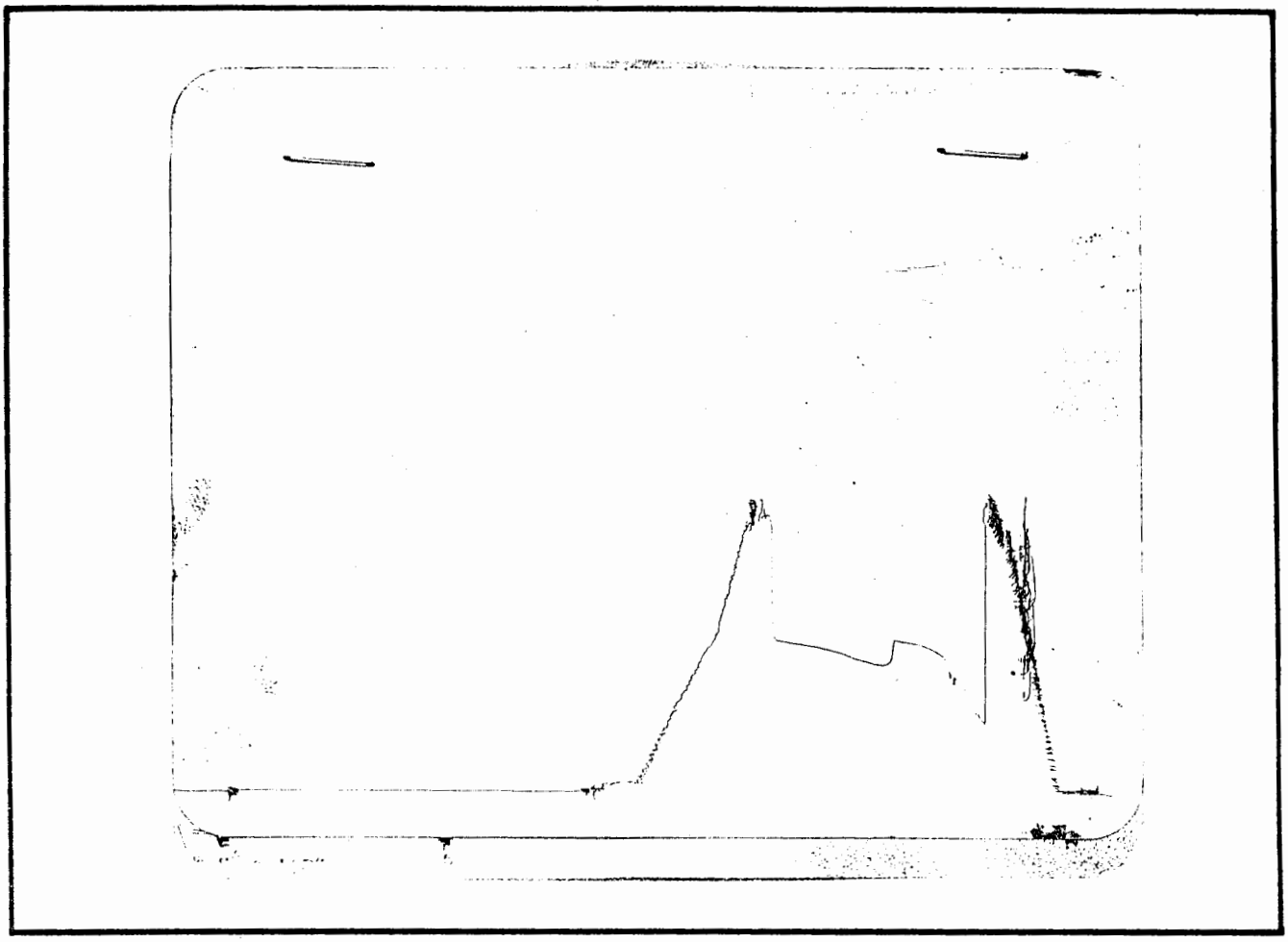
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CONSERVATION DIVISION
Wichita, Kansas

993 - 1141

COPY

COMPANY TomKat LTD LEASE - WELL NO Propst #2 SEC 9 TWP 18s RGE 12w TEST NO 1 DATE 9-10-1991



This is an actual photograph of recorder chart.

POINT		PRESSURE FIELD READING	PRESSURE OFFICE READING	
(A)	Initial Hydrostatic Mud	1897	1747	P.S.I.
(B)	First Initial Flow Pressure	567	426	P.S.I.
(C)	First Final Flow Pressure	708	681	P.S.I.
(D)	Initial Closed-in Pressure	942	920	P.S.I.
(E)	Second Initial Flow Pressure	797	769	P.S.I.
(F)	Second Final Flow Pressure	831	809	P.S.I.
(G)	Final Closed-in Pressure	942	917	P.S.I.
(H)	Final Hydrostatic Mud	1863	1680	P.S.I.

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SUPERIOR TESTERS ENTERPRISES INC.

WELL IDENTIFICATION DATA

COMPANY : TOMCAT LTD
ADDRESS : P.O.BOX 1471,GREAT BEND
STATE & COUNTY : KANSAS,BARTON
ELEV.(GR) : 1796 (KB) : 1301

WELL NAME : PROPST #2
LOCATION : 9-18S-12W
FIELD : Redwing, East
TEST DATE : 9-10-1991

EQUIPMENT AND HOLE DATA

FORMATION TEST ID : ARBUCKLE
TEST INT. KB : 3298 to 3401
ANCHOR LENGTH(ft) : 103
TYPE OF TEST : Conventional
TOTAL DEPTH(ft-kb) : 3420
MAIN HOLE SIZE(in) : 7 7/8
MUD WEIGHT : 9.2
MUD VISCOSITY : 55
MUD CHLORIDES : 7000
SURFACE CHOKE : 3/4
BOTTOM CHOKE(in) : 3/4
TOOL SIZE(O.D.) : 5 1/2
TOOL JOINT SIZE(F.H.) : 4 1/2
RESERVOIR TEMPERATURE(F) : 112

DRILL PIPE LENGTH(ft) : 2338
DRILL PIPE O.D.(in) : 3.82
WEIGHT PIPE LENGTH(ft) : 571
WEIGHT PIPE ID : 2.75
DRILL COLLAR LENGTH(ft) : 425
DRILL COLLAR I.D.(in) : 2.259
TOP PACKER DEPTH(kb) : 3293-3298
BOTTOM PACKER DEPTH(kb) : 3401
DUAL PACKERS :
PACKER SIZE(in) : 6 3/4
PACKER HOLD : Yes
TOOL PLUG : No
REVERSED OUT : No
TEST TICKET NUMBER : 10893

EXTRA EQUIPMENT : -EXTRA PACKER
-STRADDLE

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ELEMENT SERIAL NO. : J3203
RANGE : F 4425 CLOCK RANGE : 12 HOURS
CAL. EQU. : (10.69 * Defl. - 6.52

SURFACE BLOW

1st Opening : STRONG BLOW BOTTOM OF THE BUCKET IN 1 MINUTE
2nd Opening : STRONG BLOW BOTTOM OF THE BUCKET IN 1 1/2 MINUTES

RECOVERY

Recovered 120 feet of MUDDY WATER WITH A SLIGHT SHOW OF OIL

9-18-12W

REMARKS :

WITNESSED BY : DAN DEBOER TOOL OPERATOR : PAT STEVENSON

INTERPRETATION BY : SUPERIOR TESTERS ENTERPRISES INC.

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SUPERIOR TESTERS ENTERPRISES INC.

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY : TOMKAT LTD
DATE OF TEST : 9-10-1991
DEPTH : 3394.0

WELL NAME : PROPST
LOCATION : 9-18S-12W
SERIAL NO. : 13203

COMMENTS	TIME min	DEFL in	PRESSURE PSIG CALC	CORR	CORRECTED
TEST NO.: 1					
Depth : 3394.0 ft-kb					
-1ST HYDROSTATIC	0.0	1.584	1752.81	-5.02	1747.79
-1:15 1ST FLOW	0.0	.387	423.31	2.90	426.21
- 1:20	5.0	.410	448.86	2.68	451.54
- 1:25	10.0	.446	488.84	2.35	491.19
- 1:30	15.0	.492	539.94	1.91	541.85
- 1:35	20.0	.594	653.23	.96	654.19
- 1:40	25.0	.618	679.88	.73	680.62
- 1:44	29.0	.619	680.99	.73	681.72
-1:44 END FLOW	0.0	.619	680.99	.73	681.72
- 1:49	5.0	.739	814.28	-.40	813.88
- 1:54	10.0	.766	844.26	-.65	843.61
- 1:59	15.0	.783	863.15	-.81	862.33
- 2:04	20.0	.799	880.92	-.96	879.96
- 2:09	25.0	.808	890.91	-1.04	889.87
- 2:14	30.0	.815	898.69	-1.11	897.58
- 2:19	35.0	.822	906.46	-1.18	905.29
- 2:24	40.0	.828	913.13	-1.23	911.89
- 2:29	45.0	.836	922.01	-1.31	920.70
- 1:44	0.0	.836	922.01	-1.31	920.70
-2:29 1ST SHUT-IN	0.0	.836	922.01	-1.31	920.70
-2:29 2ND FLOW	0.0	.699	769.85	-.02	769.82
- 2:34	5.0	.703	774.29	-.06	774.23
- 2:39	10.0	.701	772.07	-.04	772.03
- 2:44	15.0	.708	779.84	-.11	779.74
- 2:49	20.0	.718	790.95	-.20	790.75
- 2:54	25.0	.728	802.06	-.30	801.76
- 2:58	29.0	.735	809.83	-.36	809.47
-2:58 END FLOW	0.0	.735	809.83	-.36	809.47
- 3:03	5.0	.749	825.38	-.49	824.89
- 3:08	10.0	.763	840.93	-.62	840.31
- 3:13	15.0	.773	852.04	-.72	851.32
- 3:18	20.0	.782	862.03	-.80	861.23
- 3:23	25.0	.790	870.92	-.88	870.04
- 3:28	30.0	.798	879.81	-.95	878.85
- 3:33	35.0	.805	887.58	-1.02	886.56
- 3:38	40.0	.811	894.24	-1.07	893.17
- 3:43	45.0	.816	899.80	-1.12	898.68
- 3:48	50.0	.822	906.46	-1.18	905.29
- 3:53	55.0	.828	913.13	-1.23	911.89
- 3:58	60.0	.833	918.68	-1.28	917.40

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SUPERIOR TESTERS ENTERPRISES INC.

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY : TOMKAT LTD
DATE OF TEST : 9-10-1991
DEPTH : 3394.0

WELL NAME : PROPST
LOCATION : 9-18S-12W
SERIAL NO. : 13203

COMMENTS	TIME min	DEFL in	PRESSURE PSIG CALC	CORR	CORRECTED
TEST NO.: 1					
-3:?? 2ND SHUT-IN	0.0	.83?	918.68	-1.28	917.40
-2?? HYDROSTATIC	0.0	1.52	1685.05	-4.74	1680.31

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Static Res. pr. from FSI = 1000 psi.

