

Superior Testers Enterprises, Inc.

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

(316) 792-6902

Computer Inventoried

Date 1-9-1992 Location C-SW-NE 5-31-41W Elevation _____ County Morton

Company MUSTANG OIL & GAS CORPORATION Number of Copies 5

Charts Mailed to P.O. Box 1609 GREAT BEND KANSAS 67530

Drilling Contractor NORSEMAN DRILLING RIG #1

Length Drill Pipe 4816 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 577 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X.H.

Top Packer Depth 5416 Bottom Packer Depth 5421 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 5421 TO 5502 ANCHOR LENGTH 81 TOTAL DEPTH 5502 Hole Size 7 1/8"

LEASE & WELL NO. BURSON-HUTCH #5-5 FORMATION TESTED KEYS SAND TEST NO. 1

Mud Weight 9.1 Viscosity 49 Water Loss 6.9 Chlorides - Pits 1000 D.S.T. _____

Maximum Temp. 135 °F Initial Hydrostatic Pressure (A) 2650 P.S.I. Final Hydrostatic Pressure (H) 2597 P.S.I.

Tool Open I.F.P. from 5:45 A.m. to 6:15 A.m. 30 min

Tool Closed I.C.I.P. from 6:15 A.m. to 6:45 A.m. 30 min

Tool Open F.F.P. from 6:45 A.m. to 7:15 A.m. 30 min

Tool Closed F.C.I.P. from 7:15 A.m. to 7:45 A.m. 30 min

Initial Blow WEAK SURFACE blow FOR 10 MINUTES & DIED

Final Blow NO blow

Total Feet Recovered 45 Gravity of Oil _____ Corrected _____

45 Feet of mud with a slight show of oil in the % Gas _____ % Oil _____ % Mud _____ % Water _____

Feet of SHUT-IN tool % 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 _____

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

Top Recorder No. 906 Clock No. 47441 Depth 5496 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 13561 Clock No. 47442 Depth 5499 Insurance NONE

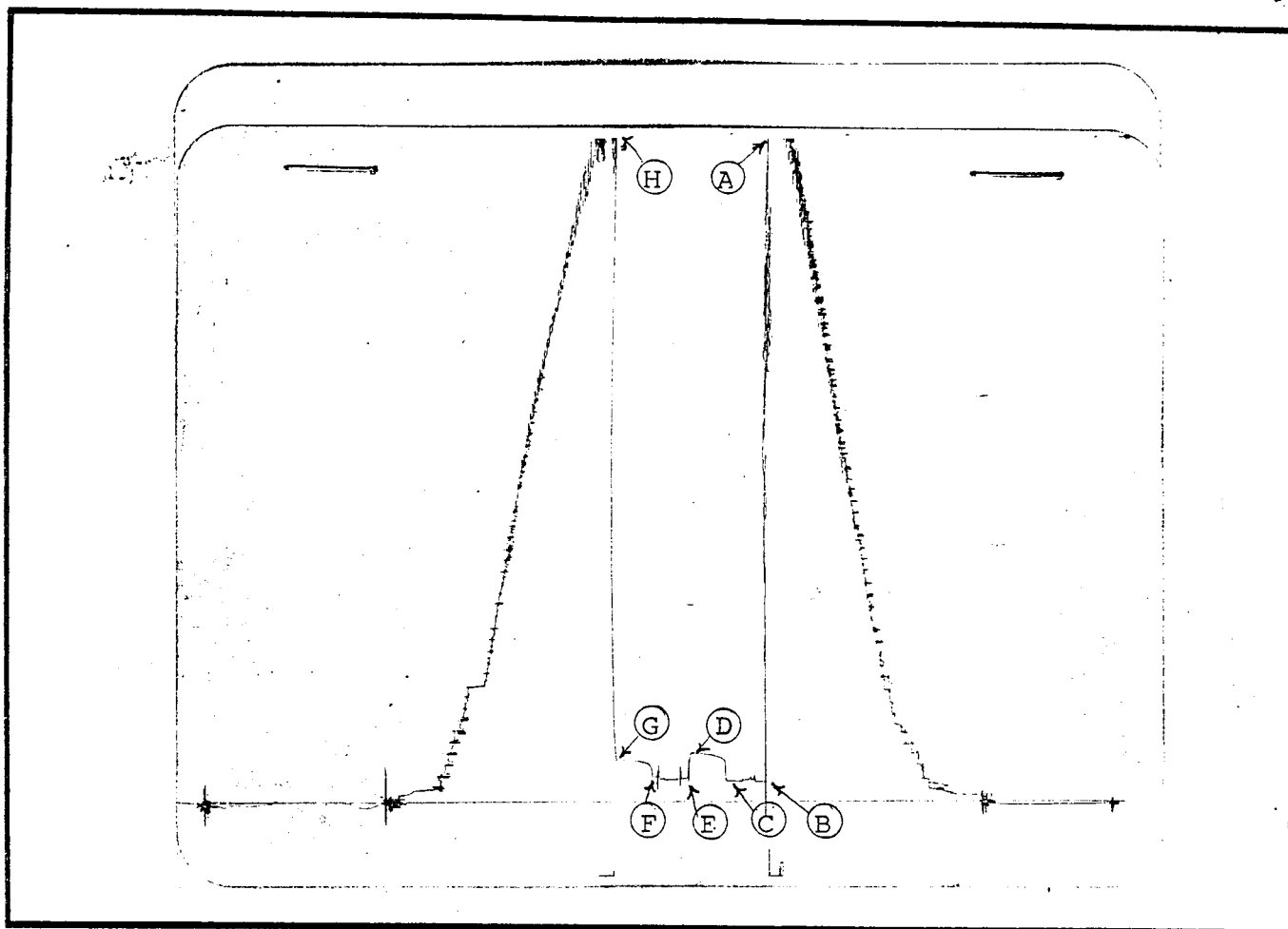
Price of Job _____

Tool Operator Gene Budig

Approved By _____

No 11492

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.



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	FIELD READING	OFFICE READING	
(A) Initial Hydrostatic Mud	2650	2585	P.S.I.
(B) First Initial Flow Pressure	79	70	P.S.I.
(C) First Final Flow Pressure	79	74	P.S.I.
(D) Initial Closed-in Pressure	195	182	P.S.I.
(E) Second Initial Flow Pressure	87	87	P.S.I.
(F) Second Final Flow Pressure	95	88	P.S.I.
(G) Final Closed-in Pressure	166	150	P.S.I.
(H) Final Hydrostatic Mud	2597	2589	P.S.I.

SUPERIOR TESTERS ENTERPRISES INC.

WELL IDENTIFICATION DATA

COMPANY : MUSTANG OIL & GAS CORP. WELL NAME : BURSON-HUTCH #5-5
ADDRESS : P.O.BOX 1609, GREAT BEND LOCATION : C-SW-NE 5-316-41W
STATE & COUNTY : KANSAS, MORTON FIELD :
ELEV. (GR) : N/A (KB) : N/A TEST DATE : 1-9-1992

EQUIPMENT AND HOLE DATA

FORMATION TESTED : KEYS SAND DRILL PIPE LENGTH(ft) : 4816
TEST INT. KB : 5421 to 5502 DRILL PIPE O.D.(in) : 3.82
ANCHOR LENGTH(ft) : 81 WEIGHT PIPE LENGTH(ft) :
TYPE OF TEST : Conventional WEIGHT PIPE ID : 2.75
TOTAL DEPTH(ft-kb) : 5502 DRILL COLLAR LENGTH(ft) : 577
MAIN HOLE SIZE(in) : 7 7/8 DRILL COLLAR I.D.(in) : 2.259
MUD WEIGHT : 9.1 TOP PACKER DEPTH(kb) : 5416
MUD VISCOSITY : 49 BOTTOM PACKER DEPTH(kb) : 5421
MUD CHLORIDES : 1000 DUAL PACKERS :
SURFACE CHOKE : 3/4 PACKER SIZE(in) : 6 3/4
BOTTOM CHOKE(in) : 3/4 PACKER HOLD : Yes
TOOL SIZE(O.D.) : 5 1/2 TOOL PLUG : No
TOOL JOINT SIZE(F.H.) : 4 1/2 REVERSED OUT : No
RESERVOIR TEMPERATURE(F) : 135 TEST TICKET NUMBER : 11492

EXTRA EQUIPMENT : -JARS -SAFETY JOINT

ELEMENT SERIAL NO. : 906
RANGE : 0 - 2875 CLOCK RANGE : 12 HOURS
CAL. EQU. : $720.06 * \text{Defl.} + 3.83$

SURFACE BLOW

1st Opening : WEAK SURFACE BLOW FOR 10 MINUTES AND DIED
2nd Opening : NO BLOW

RECOVERY

Recovered 45 feet of MUD WITH A SLIGHT SHOW OF OIL IN THE SHUT-IN TOOL

REMARKS :

WITNESSED BY : ARDEN RATZLAFF-JERRY PRITTOOL OPERATOR : GENE BUDIG

INTERPRETATION BY : SUPERIOR TESTERS ENTERPRISES INC.

SUPERIOR TESTERS ENTERPRISES INC.

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY : MUSTANG OIL & GAS CORP. WELL NAME : BURSON-HUTCH #5-5
 DATE OF TEST : 1-9-1992 LOCATION : C-SW-NE 3-31S-41W
 DEPTH : 5496.0 SERIAL NO. : 906

COMMENTS	TIME min	DEFL in	----- CALC	PRESSURE PSIG CORR	----- CORRECTED
TEST NO.:1					
Depth : 5496.0 ft-kb					
-1ST HYDROSTATIC	0.0	3.587	2586.67	-1.23	2585.45
-5:45 1ST FLOW	0.0	.097	73.68	-3.29	70.39
- 5:50	5.0	.097	73.68	-3.29	70.39
- 5:53	8.0	.098	74.40	-3.28	71.12
- 5:54	9.0	.123	92.40	-3.14	89.26
- 5:55	10.0	.116	87.36	-3.18	84.18
- 5:57	12.0	.111	83.76	-3.21	80.55
- 5:57	12.0	.122	91.68	-3.15	88.53
- 5:57	12.0	.118	88.80	-3.17	85.63
- 6:00	15.0	.112	84.48	-3.20	81.28
- 6:03	18.0	.111	83.76	-3.21	80.55
- 6:03	18.0	.112	84.48	-3.20	81.28
- 6:04	19.0	.102	77.28	-3.26	74.02
- 6:10	25.0	.103	78.00	-3.25	74.75
- 6:16	31.0	.103	78.00	-3.25	74.75
-6:16 END FLOW	0.0	.103	78.00	-3.25	74.75
- 6:17	1.0	.208	153.60	-2.66	150.94
- 6:18	2.0	.214	157.92	-2.63	155.30
- 6:19	3.0	.220	162.25	-2.59	159.65
- 6:22	6.0	.229	168.73	-2.54	166.18
- 6:25	9.0	.234	172.33	-2.51	169.81
- 6:28	12.0	.238	175.21	-2.49	172.71
- 6:31	15.0	.241	177.37	-2.48	174.89
- 6:34	18.0	.245	180.25	-2.45	177.79
- 6:37	21.0	.248	182.41	-2.44	179.97
- 6:40	24.0	.250	183.85	-2.42	181.42
- 6:43	27.0	.250	183.85	-2.42	181.42
- 6:46	30.0	.252	185.29	-2.41	182.87
-6:46 1ST SHUT-IN	0.0	.252	185.29	-2.41	182.87
-6:46 2ND FLOW	0.0	.120	90.24	-3.16	87.08
- 6:51	5.0	.115	86.64	-3.18	83.45
- 6:52	6.0	.148	110.40	-3.00	107.40
- 6:53	7.0	.076	58.56	-3.40	55.15
- 6:53	7.0	.170	126.24	-2.88	123.37
- 6:53	7.0	.119	89.52	-3.16	86.36
- 6:57	11.0	.114	85.92	-3.19	82.73
- 7:01	15.0	.114	85.92	-3.19	82.73
- 7:05	19.0	.114	85.92	-3.19	82.73
- 7:05	19.0	.115	86.64	-3.18	83.45
- 7:09	23.0	.113	85.20	-3.20	82.00

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 DEPTH : 5496.0 SERIAL NO. : 906

COMMENTS	TIME min	DEFL in	PRESSURE PSIG		
			CALC	CORR	CORRECTED
TEST NO.: 1					
- 7:09	23.0	.180	133.44	-2.62	130.62
- 7:10	24.0	.056	44.16	-3.52	40.64
- 7:10	24.0	.137	102.48	-3.06	99.42
- 7:10	24.0	.121	90.96	-3.15	87.81
- 7:12	26.0	.120	90.24	-3.16	87.08
- 7:12	26.0	.122	91.68	-3.15	88.53
- 7:12	26.0	.122	91.68	-3.15	88.53
- 7:13	27.0	.121	90.96	-3.15	87.81
- 7:14	28.0	.121	90.96	-3.15	87.81
-7:14 END FLOW	0.0	.121	90.96	-3.15	87.81
- 7:15	1.0	.176	130.56	-2.64	127.72
- 7:16	2.0	.185	137.04	-2.79	134.25
- 7:17	3.0	.188	139.20	-2.77	136.43
- 7:20	6.0	.196	144.96	-2.73	142.24
- 7:23	9.0	.201	148.56	-2.70	145.86
- 7:26	12.0	.203	150.00	-2.69	147.31
- 7:29	15.0	.204	150.72	-2.68	148.04
- 7:32	18.0	.205	151.44	-2.68	148.77
- 7:35	21.0	.206	152.16	-2.67	149.49
- 7:38	24.0	.207	152.88	-2.67	150.22
- 7:41	27.0	.207	152.88	-2.67	150.22
- 7:44	30.0	.208	153.60	-2.66	150.94
-7:44 2ND SHUT-IN	0.0	.208	153.60	-2.66	150.94
- 7:44	0.0	3.592	2590.27	-1.24	2589.04
-2ND HYDROSTATIC	0.0	3.592	2590.27	-1.24	2589.04

