

500, 14-34-32

SEC. 14

Kennedy & Mitchell, Inc. OPERATOR

Manhattan #44-708 WELL NAME & NO.

TEST # 1

4554' - 4564' TEST INTERVAL

Well Lansing Type Test Hook Straddle Date October 12, 1981

Height and Size 10' x 4 1/2" Total Depth 6500'

Depth 4554' & 4564' Below Straddle 4564' & 4569'

Well Run 4 Packers, Jars, Safety Joint, Circulating sub., Straddle Assembly.

Sidewall Hook Assembly

Tool 52' D.P. 4078' ID 3.8" Wt. P. 9.1 ID D.C. 467' ID 2.25"

Chemical. Vis 67 Wt. 9.1 Wtr. Loss 6 Cl 3,000 ppm

Orders: Depth 4544' Make Kuster Cap 6500 Ser. No. 10269 Inside

Depth 4560' Make H & T Cap 6000 Ser. No. 23 Outside

Depth 4580' Make Kuster Cap 6450 Ser. No. 10268 Below Straddle

AGE 32W

COUNTY Seward

SURES:

On Bottom @ 4:30 P.M. Initial Hydrostatic 2159 psi

Flow 30 Min. IFF 3 psi to 3 psi

Flow 60 Min. ISIP 603 psi

Flow 60 Min. FFP 39 psi to 52 psi

Flow 120 Min. FSP 806 psi

Flow 9:00 P.M. Final Hydrostatic 2133 psi Temp 112

Flow: Strong throughout test.

Flow: 180' Very slightly gas cut & oil cut mud

Flow:

Flow Data: Remarks: H & T recorder in anchor.

Flow PSI

Flow cu. ft.

Flow cc

Flow cc

Flow cc

Flow cc

Flow cc

Flow cc

R. L. Young

Witnessed by: R.F. Burke

STATE Kansas

TICKET NO. 1581

Test ticket no. 1581 Recorder no. 10269 Capacity 6500 Rec. Depth 4549'

Initial Flow pressure 3 to 3 Time Given 30 Computed 30

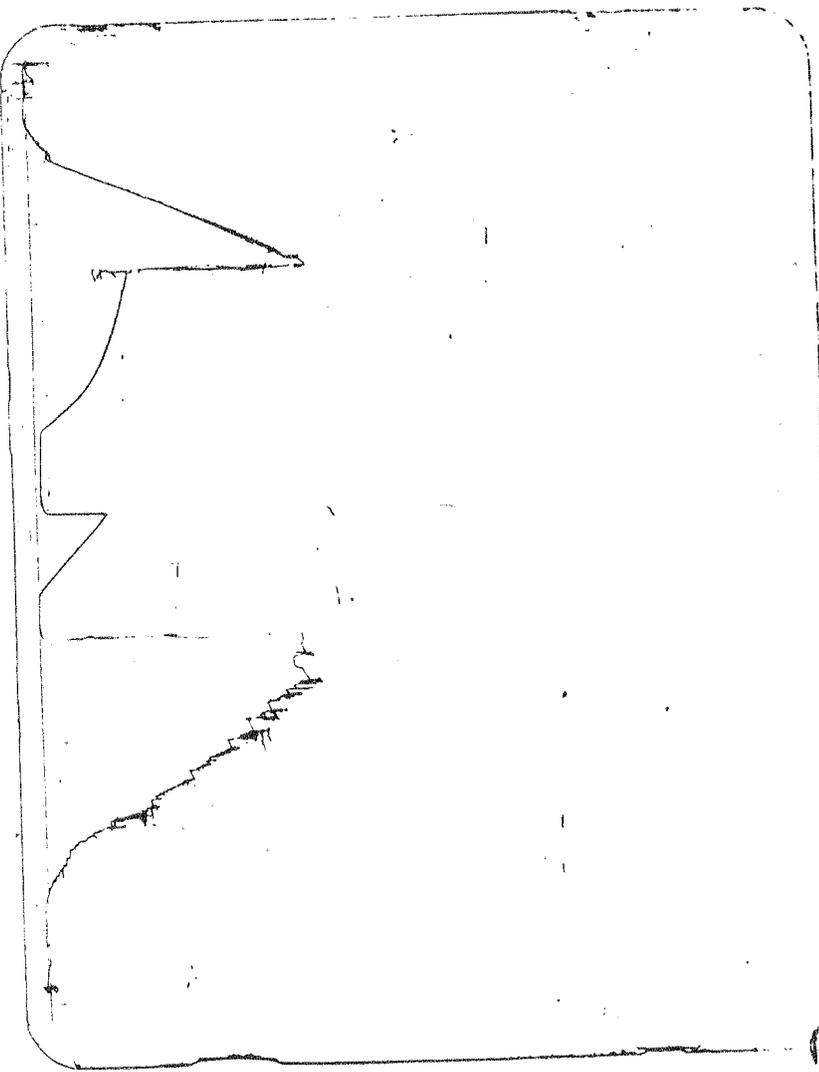
Initial Closed in pressure 603 60 60

Final Flow pressure 39 to 52 60 60

Final Closed-in pressure 806 120 120

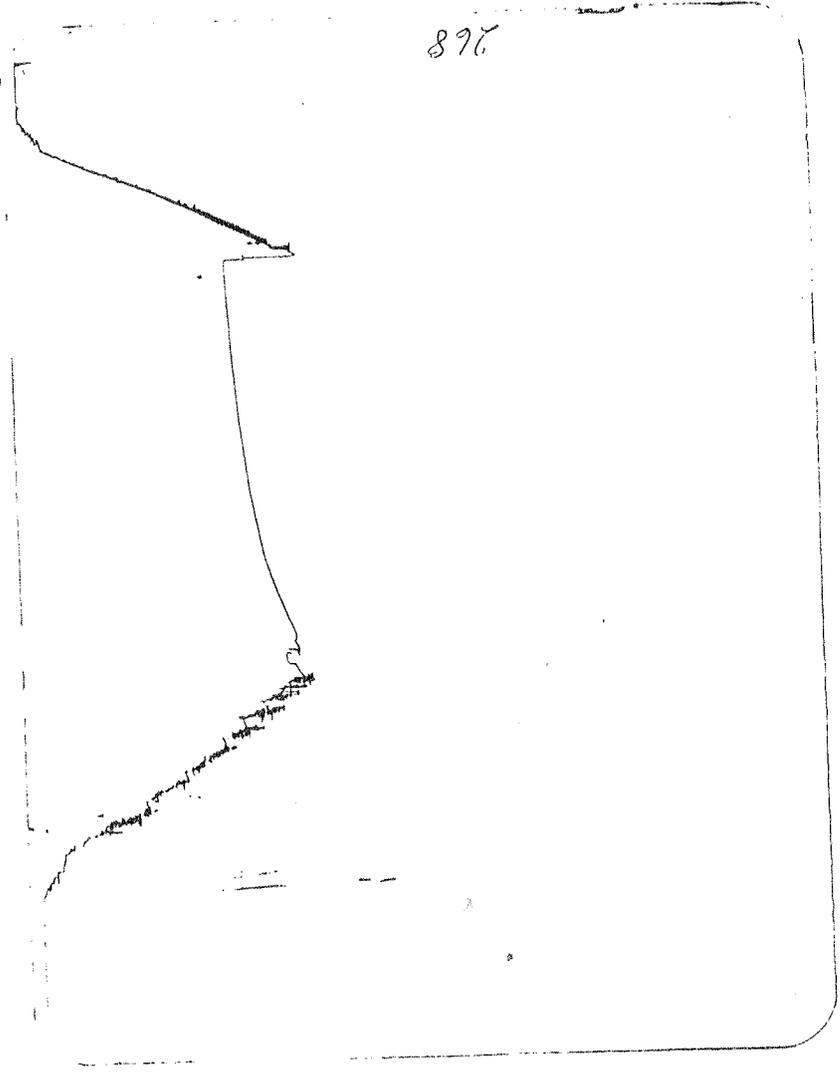
Initial Hydrostatic pressure 2159 Final Hydrostatic press. 2133 Temp 112

Initial Flow Press.		Initial Closed in Press.		Final Flow Press		Final Closed in Press.	
Minutes	Press	Minutes	Press	Minutes	Press	Minutes	Press
0	3	0	3	0	39	0	52
5	3	3	26	5	39	3	75
10	3	6	49	10	39	6	114
15	3	9	81	15	39	9	157
20	3	12	104	20	39	12	196
25	3	15	140	25	39	15	239
30	3	18	173	30	39	18	278
35		21	200	35	42	21	311
40		24	239	40	42	24	347
45		27	275	45	45	27	383
50		30	295	50	49	30	419
55		33	321	55	52	33	439
60		36	354	60	52	36	465
65		39	377			39	491
70		42	419			42	511
75		45	452			45	534
80		48	488			48	550
85		51	518			51	567
90		54	544			54	580
95		57	570			57	593
100		60	603			60	609
105		63				63	622
110		66				66	636
115		69				69	649
120		72				72	662
		75				75	675
		78				78	688
		81				81	695
		84				84	704
		87				87	718
		90				90	727
		93				93	737
		96				96	744
		99				99	754
		102				102	760
		105				105	770
		108				108	777
		111				111	790
		114				114	796
		117				117	803
		120				120	806



Initial Hydrostatic _____ psi
 2159
 IFP _____ 3 _____ psi to _____ 3 _____ psi
 ISIP _____ 603 _____ psi
 FFP _____ 39 _____ psi to _____ 52 _____ psi
 FSIP _____ 806 _____ psi
 Final Hydrostatic _____ 2133 _____ psi

896



Handwritten. Stubble test after logging
DST# 4554-64

30-60-60-120 Soc. 44-34-32

1 Hyd 2159

1 F 3-3 #

151 603 #

FP 39.52 #

F 51 806 #

F Hyd 2123 #

Tamp 113°

180' strong throughout

180' VS 6±10CM