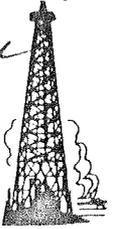


*To: Walt H.
2nd Well Site*

PAUL A. MONTOIA

Petroleum Geologist
(913) 628-1761

305 East 24th
Hays, Kansas 67601



WJ

Rincon Operating Company
808 Lincoln Tower Building
1860 Lincoln
Denver, Colorado

*Sec 10-34-32
#1 Higgin*

GEOLOGICAL REPORT

Higgin # 1
SE-SE of Section 10
Township 34S, Range 32W
Seward County, Kansas

August 1, 1980

Rincon Operating Company
 808 Lincoln Tower Building
 1860 Lincoln
 Denver, Colorado

Geologic Report: Higgin #1
 SE-SE of Section 10-34S-32W
 Seward County, Kansas

Contractor: Damac Drilling, Inc. Rig 5
 Great Bend, Kansas

Drilling Commenced: July 19, 1980
 Drilling Completed: July 31, 1980
 Casing Record: 8 5/8" surface casing set at 1510'
 with 800 sacks.

Samples: Saved and examined from 4500' to
 6150' R.T.D.

Drilling Time: Recorded and plotted from 4500' to
 6150' R.T.D. A copy of the plotted
 drilling time/lithology log is
 included with this report.

Drill Stem Tests: 2 done by Dean's Testing Co.,
 Liberal, Kansas

Electric Logs: 1 Induction-Electric Log
 1 Compensated Neutron-Formation Density

Well Status: Dry & Abandoned
 Elevations: Done by Laughlin-Simmons & Co.
 Wichita, Kansas

Kelly Bushing 2763'
 Ground Level 2754'
 Measurements From K.B.

Formations	Samples		Electric Log	
	Depths	Datums	Depths	Datums
Heebner Shale			4376	-1613
Toronto Lime			4426	-1663
Lansing/Kansas City Fm.	4537	-1774	4532	-1769
B. Kansas City Fm.	5166	-2403	5170	-2407
Marmaton Chert	5218	-2455	5220	-2457
Marrow Formation	5786	-3023	5782	-3019
Mississippian	5942	-3179	5942	-3179

Drill Stem Tests:

Test #1 5913-5940 15-30-60-120 Weak blow dying.
No blow on second opening.
Recovered 20' drilling mud;
No show of hydrocarbons.

I.F.P. 51/51 #
I.C.I.P. 68#
F.F.P. 51/51 #
F.C.I.P. 68#

Test #2 5370-5430 15-30-60-120 Strong blow on
Straddle test first opening; Weaker blow on
second opening. Recovered 360'
mud, 420' muddy salt water. No
show of hydrocarbons.

I.F.P. 291/291 #
I.C.I.P. 1832#
F.F.P. 325/359 #
F.C.I.P. 1746#

Geologist's Note: Bottom packer failure

SUMMARY OF LITHOLOGY LOG

- 4500-4510 Limestone bone white to gray chalky; Shale gray micaceous with very scattered red.
- 4510-4520 Limestone white chalky with fair pinpoint porosity; no show; Shale black carbonaceous to gray micaceous, very scattered red.
- 4520-4530 Shale gray micaceous; Limestone white chalk to gray-bone white crystalline.
- 4530-4540 Limestone white chalky to gray fine crystalline; Shale gray micaceous with scattered red.
- 4540-4550 Shale gray micaceous; Limestone white chalky with gray fine crystalline.
- 4550-4560 Shale gray micaceous; Limestone bone white chalky.
- 4560-4570 Shale gray micaceous; Limestone gray crystalline with scattered to very minor trace brown fine crystalline.
- 4570-4580 Shale gray micaceous; Limestone gray chalky to fine crystalline.
- 4580-4590 Limestone white chalky; Shale gray micaceous.
- 4590-4600 Limestone white chalky; Shale gray micaceous.
- 4600-4610 Limestone bone white chalky; Shale gray micaceous.
- 4610-4620 Limestone white chalky; Shale gray micaceous.
- 4620-4630 Limestone white to buff chalky to fine crystalline; Shale gray micaceous.
- 4630-4640 Limestone bone white chalky; Shale gray micaceous.
- 4640-4650 Limestone bone white to brown chalky to fine crystalline; Shale gray micaceous.
- 4650-4660 Limestone white to gray chalky to fine crystalline; Shale gray.
- 4660-4670 Limestone white chalky; Shale gray micaceous.
- 4670-4680 Limestone white chalky; Shale gray micaceous.
- 4680-4690 Shale gray micaceous; Limestone white chalky.
- 4690-4700 Limestone white to gray chalky; Shale gray micaceous.
- 4700-4710 Limestone white chalky; Shale gray micaceous.
- 4710-4720 Limestone brown fine crystalline; Shale gray micaceous; Very minor trace black oil stain, barren to poor pinpoint porosity.
- 4720-4730 Limestone white to creme mostly chalky with scattered fine crystalline; Shale gray micaceous.
- 4730-4740 Limestone creme crystalline with good pinpoint porosity. No show. Shale gray micaceous.
- 4740-4750 Shale gray micaceous to scattered red; Limestone white to creme chalky and fine crystalline.
- 4750-4760 Limestone white chalky; Shale gray micaceous.
- 4760-4770 Limestone gray fine crystalline; Shale gray micaceous.
- 4770-4780 Shale gray to red; Limestone white chalky.
- 4780-4790 Shale gray to red; Limestone white chalky.
- 4790-4800 Shale gray to red; Limestone white to brown chalky to fine crystalline.
- 4800-4810 Shale gray to red; Limestone gray to white chalky to fine crystalline.
- 4810-4820 Shale gray micaceous to red; Limestone gray to brown fine crystalline.

4820-4830 Shale gray micaceous to red; Limestone brown fine crystalline and white chalky.

4830-4840 Shale gray micaceous to red; Limestone white chalky very scattered brown fine crystalline.

4840-4850 Shale gray micaceous to red; Limestone white chalky to gray fine crystalline.

4850-4860 Shale gray micaceous to red; Limestone white chalky to gray fine crystalline.

4860-4870 Shale gray micaceous to red; Limestone white chalky and gray fine crystalline.

4870-4880 Shale gray micaceous to red; Limestone buff fine crystalline.

4880-4890 Limestone white chalky; Shale gray micaceous to red.

4890-4900 Limestone white chalky; Shale gray and red.

4900-4910 Limestone white chalky; Shale gray micaceous and red.

4910-4920 Shale gray micaceous; Limestone white chalky.

4920-4930 Limestone white chalky; Shale gray micaceous with good show of red.

4930-4940 Shale gray micaceous with fair show of red; Limestone white chalky.

4940-4950 Shale gray micaceous and red; Limestone white to creme chalky.

4950-4960 Shale gray micaceous; Limestone white chalky.

4960-4970 Shale gray micaceous; Limestone white to creme chalky.

4970-4980 Shale gray micaceous; Limestone white to gray chalky.

4980-4990 Shale gray micaceous; Limestone white chalky.

4990-5000 Shale gray micaceous; Limestone gray crystalline. Very minor trace pinpoint porosity. No show.

5000-5010 Shale gray micaceous; Limestone white chalky.

5010-5020 Shale gray micaceous; Limestone white chalky.

5020-5030 Shale gray micaceous; Limestone white chalky.

5030-5040 Shale gray micaceous; Limestone white chalky with very minor trace pinpoint porosity.

5040-5050 Shale gray micaceous; Limestone creme fine crystalline.

5050-5060 Shale gray micaceous; Limestone white chalky with very scattered oolitic and oolitic.

5060-5070 Shale gray micaceous; Limestone white to gray chalky with scattered good vuggy porosity. No show.

5070-5080 Shale gray micaceous; Lime white to gray chalky with scattered good vuggy porosity. No show.

5080-5090 Shale gray micaceous; Limestone white chalky.

5090-5100 Shale gray micaceous; Limestone white chalky with good show brown oolitic.

5100-5110 Shale gray micaceous; Limestone bone white chalky.

5110-5120 Shale gray micaceous; Limestone white chalky and gray fine crystalline.

5120-5130 Shale gray micaceous; Limestone white chalky to gray fine crystalline.

5130-5140 Shale gray; Limestone white chalky.

5140-5150 Limestone gray fine crystalline with good vuggy (oolitic) and pinpoint porosity. No show. Shale gray micaceous with scattered red.

5150-5160 Limestone gray fine crystalline with good vuggy (oolitic) and pinpoint porosity. No show. Shale gray micaceous with scattered red.

- 5160-5170 Limestone white chalky with fair fine crystalline with good vuggy and pinpoint porosity; Shale gray micaceous.
- 5170-5180 Shale gray micaceous and red; Limestone gray fine crystalline with vuggy porosity.
- 5180-5190 Shale gray micaceous; Limestone gray fine crystalline.
- 5190-5200 Shale gray micaceous with scattered red.
- 5200-5210 Shale gray micaceous with scattered red.
- 5210-5220 Shale gray micaceous; Limestone white chalky.
- 5220-5230 Shale gray micaceous; Limestone buff fine crystalline.
- 5230-5240 Shale gray micaceous with scattered red; Limestone buff fine crystalline fair showing of white chalky.
- 5240-5250 Shale gray micaceous with scattered red; Limestone brown fine crystalline and white chalk.
- 5250-5260 Shale gray micaceous with fair showing of red; Limestone gray fine crystalline fossiliferous.
- 5260-5270 Shale gray micaceous with poor showing of red; Limestone white chalky to brown fine crystalline.
- 5270-5280 Shale gray micaceous; Limestone buff fine crystalline scattered oolitic porosity. No show.
- 5280-5290 Shale gray micaceous; Limestone buff fine crystalline with scattered oolitic porosity. No show.
- 5290-5300 Shale gray micaceous; Limestone buff fine crystalline.
- 5300-5310 Shale gray micaceous; Limestone buff fine crystalline very scattered to trace of oolitic porosity; no show; scattered white chalky lime.
- 5310-5320 Limestone white chalky to brown-buff fine crystalline; Shale gray to red.
- 5320-5330 Shale gray micaceous; Limestone white chalky.
- 5330-5340 Shale gray micaceous; Limestone white to buff fine crystalline.
- 5340-5350 Limestone gray fine crystalline; Shale gray micaceous.
- 5350-5360 Shale gray micaceous; Limestone white chalky with very minor trace pinpoint porosity.
- 5360-5370 Limestone buff fine crystalline; Shale gray micaceous.
- 5370-5380 Limestone white chalky to gray fine crystalline; Shale gray micaceous.
- 5380-5390 Limestone white chalky to gray fine crystalline; Shale gray micaceous.
- 5390-5400 Limestone white chalky to creme fine crystalline; Shale gray micaceous.
- 5400-5410 Limestone white chalky; Shale gray micaceous; Fossiliferous.
- 5410-5420 Limestone white chalky; Very scattered buff fine crystalline limestone. Shale gray micaceous.
- 5420-5430 Limestone buff to white fine crystalline; Shale gray micaceous.
- 5430-5440 Shale gray micaceous; Limestone gray chalky.
- 5440-5450 Shale gray micaceous; Limestone buff to gray fine crystalline and bone white chalky.
- 5450-5460 Shale gray micaceous; Limestone brown oolitic, fossiliferous, gray fine crystalline; Very minor trace pinpoint porosity with very very minor trace black oil, poor to barren saturation.
- 5460-5470 Shale gray micaceous; Limestone gray chalky.

- 5470-5480 Shale gray micaceous; Limestone gray to creme chalky to fine crystalline.
- 5480-5490 Shale gray micaceous with scattered red; Limestone buff to gray chalky.
- 5490-5500 Shale gray micaceous; Limestone buff to gray chalky with very scattered brown fine crystalline.
- 5500-5510 Shale gray micaceous; Limestone gray chalky to fine crystalline; Scattered brown chert. Fossiliferous.
- 5510-5520 Shale gray micaceous; Limestone brown to gray chalky to fine crystalline; Chert white.
- 5520-5530 Shale gray micaceous.
- 5530-5540 Shale gray micaceous; Limestone creme to brown fine crystalline; Fossiliferous.
- 5540-5550 Shale gray micaceous; Limestone brown fine crystalline.
- 5550-5560 Shale gray micaceous; Limestone brown to buff fine crystalline. Fossiliferous, white chalky lime present.
- 5560-5570 Shale gray micaceous; Limestone gray chalky to fine crystalline. Fossiliferous.
- 5570-5580 Shale gray micaceous; Limestone bone white chalky gray fine crystalline. Fossiliferous.
- 5580-5590 Shale gray micaceous; Limestone brown fine crystalline; Fossiliferous; bone white chalk present.
- 5590-5600 Limestone creme fine crystalline; Shale gray micaceous.
- 5600-5610 Shale gray micaceous; Limestone white and brown chalk to fine crystalline.
- 5610-5620 Shale gray micaceous; Limestone white and brown chalky and fine crystalline good scattered oolitic porosity. No show.
- 5620-5630 Limestone creme fine crystalline; Shale gray micaceous.
- 5630-5640 Shale gray micaceous; Limestone creme chalky to fine crystalline fair vuggy porosity. No show.
- 5640-5650 Limestone brown fine crystalline; Shale gray micaceous with scattered green.
- 5650-5660 Limestone brown fine crystalline; Shale gray micaceous and green.
- 5660-5670 Shale gray micaceous; Limestone buff, gray, chalky and fine crystalline, fossiliferous.
- 5670-5680 Shale gray micaceous; Limestone buff fine crystalline with scattered white chert. Scattered oolitic porosity.
- 5680-5690 Shale gray micaceous; Limestone gray fine crystalline, fossiliferous.
- 5690-5700 Shale gray micaceous; Limestone gray fine crystalline.
- 5700-5710 Shale gray micaceous; Limestone gray fine crystalline with very scattered oolitic porosity. No show.
- 5710-5720 Shale gray micaceous; Limestone brown fine crystalline with very scattered oolitic and very minor trace pinpoint porosity; chert brown. No show.
- 5720-5730 Shale gray micaceous; Limestone brown to buff chalky with very minor trace pinpoint porosity, No Show.
- 5730-5740 Limestone brown fine crystalline; Shale gray micaceous.
- 5740-5750 Limestone brown fine crystalline; Shale gray micaceous. Very scattered brown chert.
- 5750-5760 Shale gray micaceous; Limestone gray chalky; Gray scattered chert.

5760-5770 Shale gray micaceous; Limestone brown fine crystalline.
5770-5780 Limestone brown fine crystalline; Shale gray micaceous.
5780-5790 Shale gray micaceous; Limestone brown fine crystalline to gray chalky.
5790-5800 Limestone gray chalky; Shale gray micaceous.
5800-5810 Shale gray micaceous; Limestone white to gray mostly chalk.
5810-5820 Shale gray micaceous; Limestone creme crystalline.
5820-5830 Shale gray micaceous; Limestone gray to creme chalky with scattered fine crystalline.
5830-5840 Shale gray micaceous; Limestone bone white chalky and brown fine crystalline; Chert white; Fossiliferous.
5840-5850 Shale gray micaceous; Limestone creme chalky and gray fine crystalline.
5850-5860 Shale gray micaceous; Limestone creme chalky and gray fine crystalline.
5860-5870 Shale gray micaceous; Limestone buff chalky to fine crystalline.
5870-5880 Shale gray micaceous, green; Limestone gray to white chalky with very minor trace pinpoint porosity. Chert white; Fossiliferous; Fair showing of red shale.
5880-5890 Shale gray; Limestone gray to creme fine crystalline.
5890-5900 Shale gray to green; Limestone creme fine crystalline.
5900-5910 Shale gray micaceous; Limestone white to brown chalky.
5910-5920 Shale gray micaceous; Limestone creme fine crystalline.
5920-5930 Shale gray micaceous; Limestone buff fine crystalline; Scattered white chert.
5930-5940 Shale gray to green; Limestone white to gray chalky; Chert buff very scattered.
½ hour Shale gray micaceous; Limestone gray chalky; White chert; Rainbow present.
1 hour Shale gray micaceous; Limestone gray chalky to fine crystalline.
1½ hour Shale gray micaceous; Limestone gray chalky; Buff chert.

DRILL STEM TEST #1

5913-5940 anchor 27' 15-30-60-120

Weak blow on initial opening. No blow on second opening.
Recovery: 20' drilling mud No show.

I Hyd. P.	2805 P.S.I.
I.F.P.	51/51 P.S.I.
I.C.I.P.	68 P.S.I.
F.F.P.	51/51 P.S.I.
F. Hyd. P.	2737 P.S.I.
Bottom Hole Temp.	130°
F.C.I.P.	68 P.S.I.

5940-5950 Shale gray micaceous and red; Limestone creme fine crystalline and gray chalky.
5950-5960 Shale gray micaceous; Limestone creme fine crystalline fossiliferous.
5960-5970 Shale gray micaceous, red with scattered green; Limestone creme fine crystalline.

- 5970-5980 Shale gray micaceous with scattered red; Limestone creme fine crystalline.
- 5980-5990 Shale gray micaceous; Limestone creme fine crystalline; Scattered buff chert; Very minor trace sandstone white well rounded medium grained.
- 5990-6000 Shale gray; Limestone buff fine crystalline. Good show buff to white chert, some oolitic; Sandstone white well rounded medium grained; fossiliferous, glauconitic.
- 6000-6010 Shale gray micaceous; Limestone white chalky to gray fine crystalline (good oolitic). NOTE: No wet sample.
- 6010-6020 Shale gray micaceous; Limestone creme fine crystalline to scattered white chalky, Fossiliferous. NOTE: No wet sam.
- 6020-6030 Limestone white to buff chalky to fine crystalline, Fossiliferous. NOTE: No wet sample.
- 6030-6040 Limestone white to buff chalky to fine crystalline; Fossiliferous; Shale gray micaceous.
- 6040-6050 Limestone white to buff chalky to fine crystalline; Shale gray micaceous; Very minor trace brown stain (1 piece) and very minor trace pinpoint porosity. No saturation.
- 6050-6060 Limestone white chalky with scattered to trace of buff or gray fine crystalline.
- 6060-6070 Shale gray micaceous; Limestone white to gray chalky to cherty.
- 6070-6080 Shale gray micaceous; Limestone white to gray chalky to cherty.
- 6080-6090 Shale gray micaceous; Limestone white to gray chalky to fine crystalline; Scattered chert; Sand brown fine grained.
- 6090-6100 Shale gray micaceous; Limestone white chalky to fine crystalline; Sand well rounded fine grained. No show.
- 6100-6110 Limestone gray fine crystalline; Shale gray, Fossiliferous; White chert very scattered.
- 6110-6120 Limestone gray to white chalky; Shale gray; Very scattered white chert.
- 6120-6130 Limestone gray to white chalky; Shale gray; Good show white chert; Sand gray fine crystalline well rounded.
- 6130-6140 Limestone gray to white chalky; Shale gray; Good show white chert; Sand gray fine crystalline well rounded.
- 6140-6150 Limestone gray to white chalky; Shale gray; Good show white chert; Sand gray fine crystalline well rounded.
- ½ hour Shale gray micaceous; Limestone gray chalky to brown fine crystalline.
- 1 hour Shale gray micaceous; Limestone buff fine crystalline; Scattered oolitic lime.
- 1½ hour Shale gray micaceous; Limestone buff fine crystalline; Scattered oolitic lime. Glauconitic present fossiliferous.

DRILL STEM TEST #2

5370-5430 anchor 60' 15-30-60-120 Straddle Test

Stong blow on intial opening. Weaker blow on second opening.

Recovery: 360' mud, 420' muddy salt water No show.

I Hyd. P.	2617 P.S.I.
I.F.P.	291/291 P.S.I.
I.C.I.P.	1832 P.S.I.
F.F.P.	325/359 P.S.I.
F.C.I.P.	1746 P.S.I.
F Hyd. P.	2566 P.S.I.
Bottom Hole Temp.	130 ^o

REMARKS and RECOMMENDATIONS:

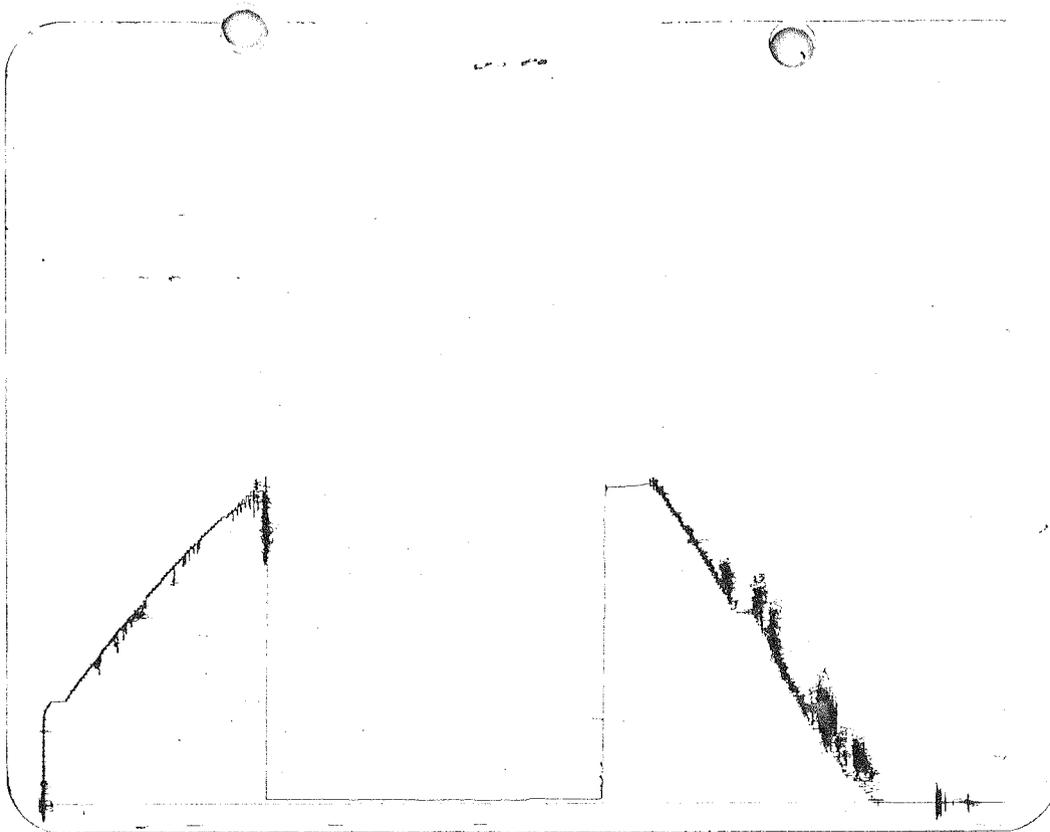
Structurally the Higgins #1 was considerably lower than the key wells in the area. The key wells being the #1 Reimer "C" (SE-NW Section 10-34-32W Seward County, Kansas) an abandoned dry hole and the #1 Franklin (E/2-E/2 SE Section 16-34-32W Seward County, Kansas) an abandoned producer.

The electric log, two drill stem tests and samples showed the commercial production of hydrocarbons not feasible, therefore, the #1 Higgins was plugged and abandoned as a dry hole July 31, 1980.

Respectfully submitted,

Paul Montoia

Paul A. Montoia



Actual ~~test chart~~ test chart.

	Pressure Reading		
	Field	Office	
Initial Flow pressure	51 - 51	37 - 37	PSI
Initial Closed in pressure	68	47	PSI
Final Flow pressure	51 - 51	30 - 30	PSI
Final Closed in pressure	68	41	PSI
Initial Hydrostatic pressure	2805	2798	PSI
Final Hydrostatic pressure	2737	2774	PSI

Recovery: 20' Drilling Mud.

HONE
16 / 624-7340

DEAN'S TESTERS INC.

P. O. BOX 1182
LIBERAL, Ks. 67901

SEC. 10
TWP. 34S
RGE. 32W
COUNTY Seward
STATE Kansas
TICKET NO. 1016

Rincon Operating Co.
OPERATOR
Higgins #1
WELL NAME & NO.
TEST # 1
TEST INTERVAL
5913' - 5940'

Formation Morrow Type Test Bottom Hole Date July 29, 1980

Anchor Length and Size 27' X 4 1/2" OD-Perf. Total Depth 5940'

Blocker Depths 5908' & 5913' Below Straddle _____

Equipment Run 2 Packers, Jars, Sfty.int., Circ.sub.

Lengths: Tool 58' D.P. 5435' ID 3.8" Wt. P. _____ ID _____ D.C. 465' ID 2.25"

Fluid Type Chemical Vls. 40 Wt. 9.0 Wtr. Loss 9.6 Cl. 2500 ppm

Recorders:

Depth <u>5928'</u>	Make <u>Kuster</u>	Cap. <u>6800</u>	Ser. No. <u>10217</u>	Inside
Depth <u>5938'</u>	Make <u>Kuster</u>	Cap. <u>6450</u>	Ser. No. <u>6064</u>	Outside
Depth _____	Make _____	Cap. _____	Ser. No. _____	Below Straddle

Pressures:

Tool on Bottom @ <u>4:20 PM.</u>	Initial Hydrostatic <u>2798</u> psi
Initial Flow <u>15</u> Min.	IFP <u>37</u> psi to <u>37</u> psi
Initial Shut-in <u>30</u> Min.	ISIP <u>47</u> psi
Final Flow <u>60</u> Min.	FFP <u>30</u> psi to <u>30</u> psi
Final Shut-in <u>120</u> Min.	FSIP <u>41</u> psi
Tool off Bottom @ <u>8:05 PM.</u>	Final Hydrostatic <u>2774</u> psi Temp. <u>130</u>

Blow: Weak on preflow, No blow on final flow.

Recovery: 20' Drilling Mud.

Gas Flow:

Sampler Data:

Pressure _____ PSI

Gas _____ cu. ft.

Total Fluid _____ cc

Oil _____ cc

Water _____ cc

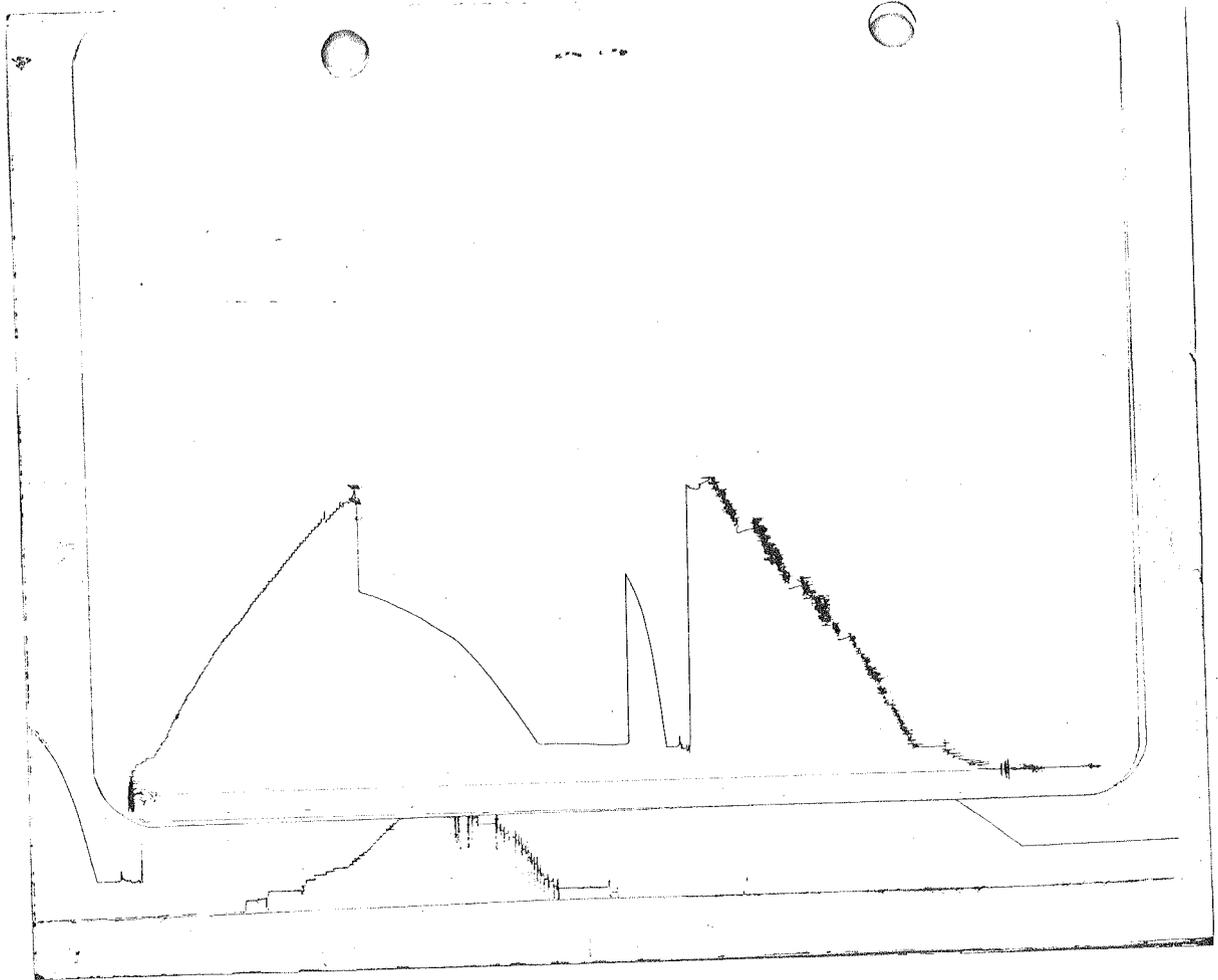
Mud _____ cc

Oil Gravity _____ @ _____ °F.

Gas/Oil Ratio _____

Remarks:

Tester Max Hughes Witnessed by: Paul A. Montoia



Actual ~~test~~ test chart

	Pressure Reading		
	Field	Office	
Initial Flow pressure	291 - 291	236 - 287	PSI
Initial Closed in pressure	1832	1825	PSI
Final Flow pressure	325 - 359	315 - 342	PSI
Final Closed in pressure	1746	1736	PSI
Initial Hydrostatic pressure	2617	2593	PSI
Final Hydrostatic pressure	2566	2556	PSI

Recovery: 360' Mud, 420' Muddy Salt Water.

SEC. 10 TWP. 34S RGE. 32W COUNTY Seward STATE Kansas TICKET NO. 1017

P. O. BOX 1182
LIBERAL, Ks. 67901

DEAN'S TESTERS INC.

ONE
/ 624-7340

Location Cherokee Type Test Hook Straddle Misrun Date July 31, 1980

Horizontal Length and Size 60' 30' X 6" OD-D.C. + 30' X 4 1/2" OD-Perf. Total Depth 6151'

Vertical Depth 5365' & 5370' Below Straddle 5430'

Equipment Run 3 Packers, Jars, Sfty. jnt., Circ.sub., Hook Assembly, Straddle Assembly

Weights: Tool 88' D.P. 4920' ID 3.8" Wt. P. ID D.C. 435' ID 2.25"

Fluid Type Chemical Vls. 53 Wt. 8.8 Wtr. Loss 4.6 Cl. 6,200 ppm

Records: Depth 5380' Make Kuster Cap. 6800 Ser. No. 10217 Inside
Depth 5390' Make Kuster Cap. 6450 Ser. No. 6064 Outside
Depth 5440' Make H&T Cap. 6500 Ser. No. 61 Below Straddle

Pressures: Tool on Bottom @ 2:50 P.M. Initial Hydrostatic 2593 psi
Initial Flow 15 Min. IFP 236 psi to 287 psi
Initial Shut-in 30 Min. ISIP 1825 psi
Final Flow 60 Min. FFP 315 psi to 342 psi
Final Shut-in 120 Min. FSIP 1736 psi
Tool off Bottom @ 6:35 P.M. Final Hydrostatic 2556 psi Temp. 130

Flow: Strong on preflow, Fair on final flow.

Recovery: 360' Mud,
420' Muddy Salt Water.

Flow:

Sampler Data:
Pressure _____ PSI
_____ cu. ft.
Oil Fluid _____ cc
Oil _____ cc
Water _____ cc
Mud _____ cc
Gravity _____ @ _____ °F.
Oil Ratio _____

Remarks: Below Straddle Packer did not hold.

Operator Max Hughes Witnessed by: Paul A. Montoia