

15-189-20550

2-315-35w

Formation Chester Type Test Bottom Hole w/Sampler Date November 29, 1981
Anchor Length and Size 34' x 4 1/2" Total Depth 5693'
Packer Depths 5654' & 5659' Below Straddle _____
Equipment Run 2 Packers, Jars, Safety Joint, Circulating sub., Sample Chamber

Lengths: Tool 66' D. P. 5129' ID 3.8" Wt. P. _____ ID _____ D. C. 498' ID 2.25"
Mud Type Chemical Vls. 36 Wt. 9.0 Wtr. Loss 10.6 Cl. 1400 ppm

Recorders: Depth 5674' Make Kuster Cap. 6400 Ser. No. 13373 Inside
Depth 5681' Make Kuster Cap. 6500 Ser. No. 13374 Outside
Depth _____ Make _____ Cap. _____ Ser. No. _____ Below Straddle

Pressures:

Tool on Bottom @ 12:45 A M. Initial Hydrostatic 2848 psi
Initial Flow 30 Min. IFP 90 psi to 129 psi slight plugging
Initial Shut-In 56 Min. ISIP 1305 psi
Final Flow 62 Min. FFP 154 psi to 196 psi
Final Shut-In 124 Min. FSIP 1324 psi
Tool off Bottom @ 5:15 A M. Final Hydrostatic 2661 psi Temp. 140

Blow: Weak increasing to Fair on Initial Flow. Weak increasing to Strong during Final Flow.

Recovery: 320' Gas & Oil Cut Drilling Mud 14,000 PPM Cl

Gas Flow:

Sampler Data:

Pressure 186 PSI
Gas .40 cu. ft.
Total Fluid 1500 cc
Oil 1000 cc
Water _____ cc
Mud 500 cc
Oil Gravity _____ @ _____ °F.
Gas/Oil Ratio _____

Remarks:

Tester Tim J Brown Witnessed by: Marvin Harvey

SEC. 2 TWP. 31S RGE. 35N

COUNTY Stevens

STATE

KANSAS

TICKET NO. 2005

FLYNN Energy
OPERATOR

Cullison #2-2
WELL NAME & NO.

TEST #

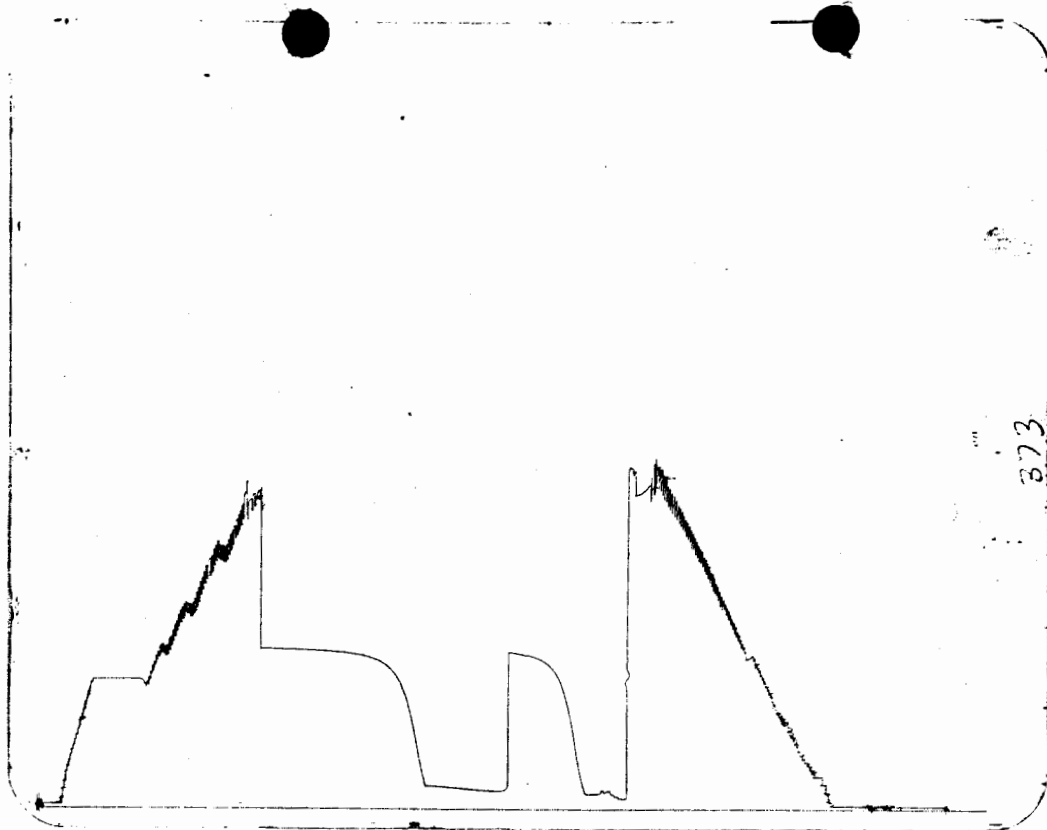
5659' - 5693'
TEST INTERVAL

Pressure Break Down

Test ticket no. 2005 Recorder no. 13373 Capacity 6400 Rec. Depth. 5674'

Initial Flow pressure	<u>90</u> to <u>129</u>	Time	Given <u>30</u>	Computed <u>30</u>
Initial Closed in pressure	<u>1305</u>		<u>60</u>	<u>56</u>
Final Flow pressure	<u>154</u> to <u>196</u>		<u>60</u>	<u>62</u>
Final Closed-in pressure	<u>1324</u>		<u>120</u>	<u>124</u>
Initial Hydrostatic pressure	<u>2848</u>	Final Hydrostatic press.	<u>2661</u>	Temp <u>140</u>

Initial Flow Press.		Initial Closed in Press.		Final Flow Press		Final Closed in Press.	
Minutes	Press	Minutes	Press	Minutes	Press	Minutes	Press
0	90	0	129	0	154	0	196
5	96	3	216	5	154	3	341
10	119	6	367	10	154	6	496
15	122 plugging	9	548	15	164	9	645
20	129	12	748	20	164	12	806
25	129	15	890	25	170	15	935
30	129	18	1000	30	174	18	1016
35		21	1080	35	180	21	1077
40		24	1135	40	183	24	1128
45		27	1186	45	190	27	1160
50		30	1215	50	193	30	1192
55		33	1237	55	196	33	1215
60		36	1254	60	196	36	1231
65		39	1266	62x65x	196	39	1241
70		42	1279	70		42	1254
75		45	1282	75		45	1263
80		48	1289	80		48	1273
85		51	1292	85		51	1279
90		54	1305	90		54	1282
95		56x58	1305	95		57	1289
100		60		100		60	1295
105		63		105		63	1299
110		66		110		66	1302
115		69		115		69	1302
120		72		120		72	1305
		75		125		75	1305
		78		130		78	1308
		81		135		81	1311
		84		140		84	1311
		87		145		87	1315
		90		150		90	1315
		93		155		93	1318
		96		160		96	1318
		99		165		99	1318
		102		170		102	1321
		105		175		105	1321
		108		180		108	1321
		111				111	1321
		114				114	1324
		117				117	1324
		120				120	1324
						124	1324



Initial Hydrostatic _____ 2848 _____ psi
 IFP _____ 90 _____ psi to _____ 129 _____ psi
 ISIP _____ 1305 _____ psi
 FFP _____ 154 _____ psi to _____ 196 _____ psi
 FSIP _____ 1324 _____ psi
 Final Hydrostatic _____ 2661 _____ psi

