Home Office: Wichita, Kansas 67201
P.O. Box 1599 (316) 262-5861

Company Hinkle Oil Company — Lease & Well No. #2 Mayer "A"

Elevation = — Formation ---- — Effective Pay = — Ft. — Ticket No. 15863

Date 5/18/82 — Sec. 3 — Twp. 22S — Range 8W — County Rice — State Kansas

Test Approved by Orvie Howell — Western Representative Richard Howell

Formation Test No. 1 — Interval Tested from 3400 ft. to 3425 ft. — Total Depth 3425 ft.

Packer Depth 3395 ft. — Size 6 3/4 in. — Packer Depth - ft. — Size - in.

Packer Depth 3400 ft. — Size 6 3/4 in. — Packer Depth - ft. — Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3404 ft. — Recorder Number 13402 — Cap. 4025

Bottom Recorder Depth (Outside) 3407 ft. — Recorder Number 13267 — Cap. 4050

Below Straddle Recorder Depth - ft. — Recorder Number - — Cap. -

Drilling Contractor White & Ellis — Drill Collar Length 275 — I. D. 2.2 in.

Mud Type starch — Viscosity 42 — Weight Pipe Length - — I. D. - in.

Weight 9.9 — Water Loss 5.6 cc. — Drill Pipe Length 3105 — I. D. 3.8 in.

Chlorides 75,000 P.P.M. — Test Tool Length 20 ft. — Tool Size 5½ in.

Jars: Make - — Serial Number - — Anchor Length 25 ft. — Size 5½ in.

Did Well Flow? No — Reversed Out No — Surface Choke Size 3/4 in. — Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. — Tool Joint Size 4½FH in.

Blow: MISRUN

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

HIT BRIDGE AT 2877' COULD NOT GET THROUGH.

NO PRESSUES AVAILABLE

MISRUN

Time Set Packer(s) A.M. P.M. — Time Started Off Bottom A.M. P.M. — Maximum Temperature

Initial Hydrostatic Pressure ..... (A) P.S.I.

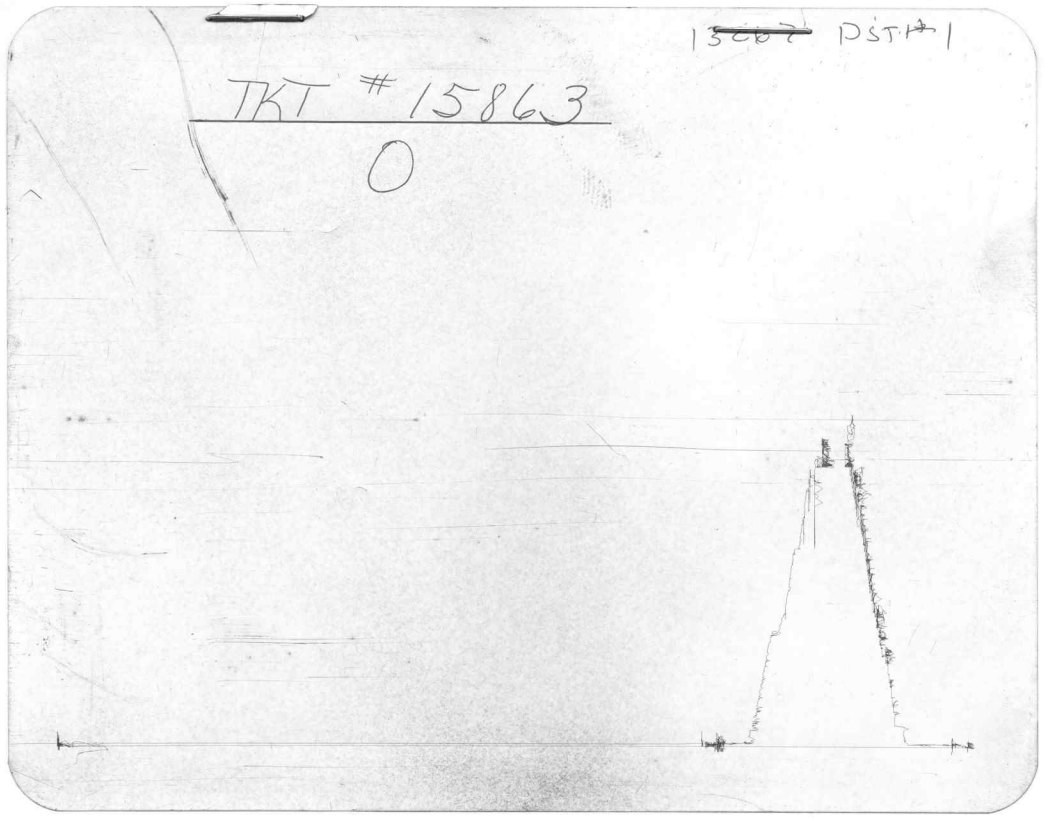
Initial Flow Period ..... Minutes (B) P.S.I. to (C) P.S.I.

Initial Closed In Period ..... Minutes (D) P.S.I.

Final Flow Period ..... Minutes (E) P.S.I. to (F) P.S.I.

Final Closed In Period ..... Minutes (G) P.S.I.

Final Hydrostatic Pressure ..... (H) P.S.I.



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	MISRUN * NO PRESSURES AVAILABLE		PSI
(B)	First Initial Flow Pressure			PSI
(C)	First Final Flow Pressure			PSI
(D)	Initial Closed-in Pressure			PSI
(E)	Second Initial Flow Pressure			PSI
(F)	Second Final Flow Pressure			PSI
(G)	Final Closed-in Pressure			PSI
(H)	Final Hydrostatic Mud			PSI

COMPANY HINKLE OIL COMPANY LEASE AND WELL NO. #2 MAYER "A" SEC. 3 TWP. 22S RGE. 8W TEST NO. 1 DATE 5/18/82

Home Office: Wichita, Kansas 67201
P.O. Box 1599 (316) 262-5861

Company Hinkle Oil Company — Lease & Well No. #2 Mayer "A"

Elevation = — Formation Mississippi — Effective Pay = Ft. — Ticket No. 15864

Date 5/18/82 — Sec. 3 — Twp. 22S — Range 8W — County Rice — State Kansas

Test Approved by Orvie Howell — Western Representative Richard Howell

Formation Test No. 2 — Interval Tested from 3400 ft. to 3425 ft. — Total Depth 3425 ft.

Packer Depth 3395 ft. — Size 6 3/4 in. — Packer Depth - ft. — Size - in.

Packer Depth 3400 ft. — Size 6 3/4 in. — Packer Depth - ft. — Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3404 ft. — Recorder Number 13402 — Cap. 4025

Bottom Recorder Depth (Outside) 3407 ft. — Recorder Number 13267 — Cap. 4050

Below Straddle Recorder Depth - ft. — Recorder Number - — Cap. -

Drilling Contractor White & Ellis — Drill Collar Length 275 — I. D. 2.2 in.

Mud Type starch — Viscosity 46 — Weight Pipe Length - — I. D. - in.

Weight 9.9 — Water Loss 7 cc. — Drill Pipe Length 3105 — I. D. 3.8 in.

Chlorides 75,000 P.P.M. — Test Tool Length 20 ft. — Tool Size 5½ in.

Jars: Make - — Serial Number - — Anchor Length 25 ft. — Size 5½ in.

Did Well Flow? No — Reversed Out No — Surface Choke Size 3/4 in. — Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. — Tool Joint Size 4½FH in.

Blow: Initial flow period weak decreasing slowly through flow period. Final flow period strong decreasing to weak in ten minutes.

Recovered 150 ft. of gassy oil specked mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks: Slid tool five feet on initial opening. Also flushed tool thirty minutes into final flow period.

Time Set Packer(s) 12:10 ~~P.M.~~ A.M. — Time Started Off Bottom 3:25 ~~P.M.~~ A.M. — Maximum Temperature 110°

Initial Hydrostatic Pressure			(A)	1761	P.S.I.	
Initial Flow Period	Minutes 55	(B)	39	P.S.I. to (C)	47	P.S.I.
Initial Closed In Period	Minutes 33	(D)	183	P.S.I.		
Final Flow Period	Minutes 60	(E)	54	P.S.I. to (F)	70	P.S.I.
Final Closed In Period	Minutes 42	(G)	337	P.S.I.		
Final Hydrostatic Pressure		(H)	1735	P.S.I.		

WTC-1

Pressure Data

Date 5/18/82 Test Ticket No. 15864

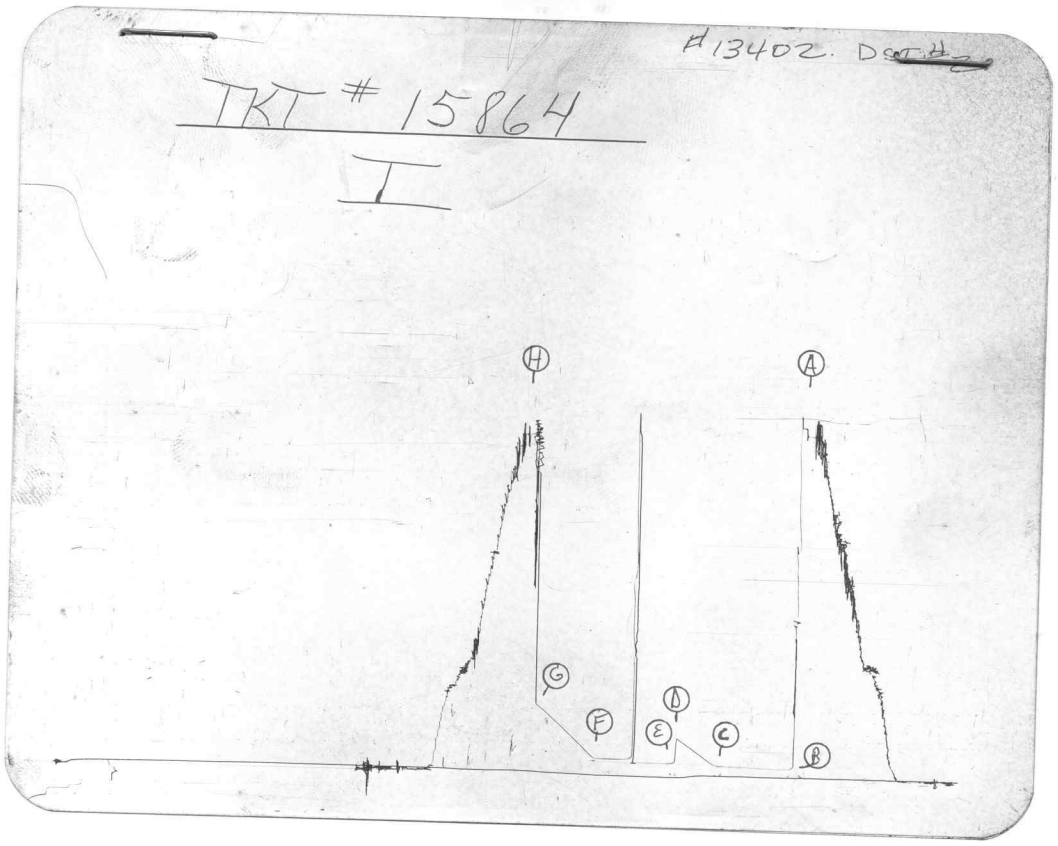
Recorder No. 13402 Capacity 4025 Location 3404 Ft.

Clock No. --- Elevation --- Well Temperature 110 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1761 P.S.I.	Open Tool	12:10A M	
B First Initial Flow Pressure	39 P.S.I.	First Flow Pressure	60 Mins.	55 Mins.
C First Final Flow Pressure	47 P.S.I.	Initial Closed-in Pressure	30 Mins.	33 Mins.
D Initial Closed-in Pressure	183 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E Second Initial Flow Pressure	54 P.S.I.	Final Closed-in Pressure	45 Mins.	42 Mins.
F Second Final Flow Pressure	70 P.S.I.			
G Final Closed-in Pressure	337 P.S.I.			
H Final Hydrostatic Mud	1735 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: 11 Inc.		Breakdown: 11 Inc.		Breakdown: 12 Inc.		Breakdown: 14 Inc.	
of 5 mins. and a		of 3 mins. and a		of 5 mins. and a		of 3 mins. and a	
final inc. of 0 Min.		final inc. of 0 Min.		final inc. of 0 Min.		final inc. of 0 Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	39	0	47	0	54	0	70
P 2 5	39	3	51	5	54	3	92
P 3 10	39	6	64	10	54	6	110
P 4 15	40	9	77	15	54	9	134
P 5 20	41	12	93	20	54	12	153
P 6 25	42	15	107	25	54	15	169
P 7 30	43	18	122	30	54	18	190
P 8 35	44	21	137	35	Flushed tool 72	21	209
P 9 40	45	24	150	40	70	24	228
P10 45	46	27	164	45	70	27	248
P11 50	47	30	178	50	70	30	267
P12 55	47	33	183	55	70	33	284
P13				60	70	36	305
P14						39	321
P15						42	337
P16							
P17							
P18							
P19							
P20							



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	1755	1761	PSI
(B)	First Initial Flow Pressure	39	39	PSI
(C)	First Final Flow Pressure	39	47	PSI
(D)	Initial Closed-in Pressure	187	183	PSI
(E)	Second Initial Flow Pressure	59	54	PSI
(F)	Second Final Flow Pressure	68	70	PSI
(G)	Final Closed-in Pressure	344	337	PSI
(H)	Final Hydrostatic Mud	1724	1735	PSI

COMPANY HINKLE OIL COMPANY LEASE AND WELL NO. #2 MAYER "A" SEC. 3 TWP. 22S RGE. 8W TEST NO. 2 DATE 5/18/82