WESTERN TESTERS

Home Office: Wichita, Kansas 67201

P.O. Box 1599 (316) 262-5861

Company McGinness Oil Company Lease & Well No. Schroeder #1

Elevation 1433 Kelly Bushing Formation Mississippi Effective Pay - Ft. Ticket No. 12753

Date 10/16/81 Sec. 33 Twp. 20S Range 2E County Marion State Kansas

Test Approved by Doug McGinness Western Representative Kenny Kirkendall

Formation Test No. 1 Interval Tested from 2621 ft. to 2640 ft. Total Depth 2640 ft.

Packer Depth 2621 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 2616 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 2626 ft. Recorder Number 2605 Cap. 4150

Bottom Recorder Depth (Outside) 2631 ft. Recorder Number 10979 Cap. 4100

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

Drilling Contractor White & Ellis Drlg. Rig #7 Drill Collar Length 330 I. D. - in.

Mud Type chemical Viscosity 38 Weight Pipe Length - I. D. - in.

Weight 9.6 Water Loss 14.4 cc. Drill Pipe Length 2261 I. D. - in.

Chlorides 1,600 P.P.M. Test Tool Length 20 ft. Tool Size 5½ in.

Jars: Make - Serial Number - Anchor Length 19 ft. Size 5½ in.

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

Main Hole Size 7 7/8 in. Tool Joint Size 4½XH in.

Blow: Weak building to fair three to four inches on initial flow period; fair six to seven inches decreasing to very weak died in thirty-two minutes.

Recovered 30 ft. of mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 2:05 A.M. P.M. Time Started Off Bottom A.M. P.M. Maximum Temperature 93°

Initial Hydrostatic Pressure			(A)	1327	P.S.I.	
Initial Flow Period	Minutes	30	(B)	42	P.S.I. to (C)	42 P.S.I.
Initial Closed In Period	Minutes	30	(D)	117	P.S.I.	
Final Flow Period	Minutes	50	(E)	38	P.S.I. to (F)	38 P.S.I.
Final Closed In Period	Minutes	39	(G)	144	P.S.I.	
Final Hydrostatic Pressure			(H)	1267	P.S.I.	

WTC-1

WESTERN TESTING CO., INC.
Pressure Data

Date 10/16/81 Test Ticket No. 12753

Recorder No. 2605 Capacity 4150 Location 2626 Ft.

Clock No. -- Elevation 1433 Kelly Bushing Well Temperature 93 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1327 P.S.I.	Open Tool	2:05 M	
B First Initial Flow Pressure	42 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	42 P.S.I.	Initial Closed-in Pressure	30 Mins.	30 Mins.
D Initial Closed-in Pressure	117 P.S.I.	Second Flow Pressure	60 Mins.	50 Mins.
E Second Initial Flow Pressure	38 P.S.I.	Final Closed-in Pressure	45 Mins.	39 Mins.
F Second Final Flow Pressure	38 P.S.I.			
G Final Closed-in Pressure	144 P.S.I.			
H Final Hydrostatic Mud	1267 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 6 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Mins.	Press.
P 1 0	42
P 2 5	42
P 3 10	42
P 4 15	42
P 5 20	42
P 6 25	42
P 7 30	42
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 10 Inc.
of 3 mins. and a
final inc. of 0 Min.

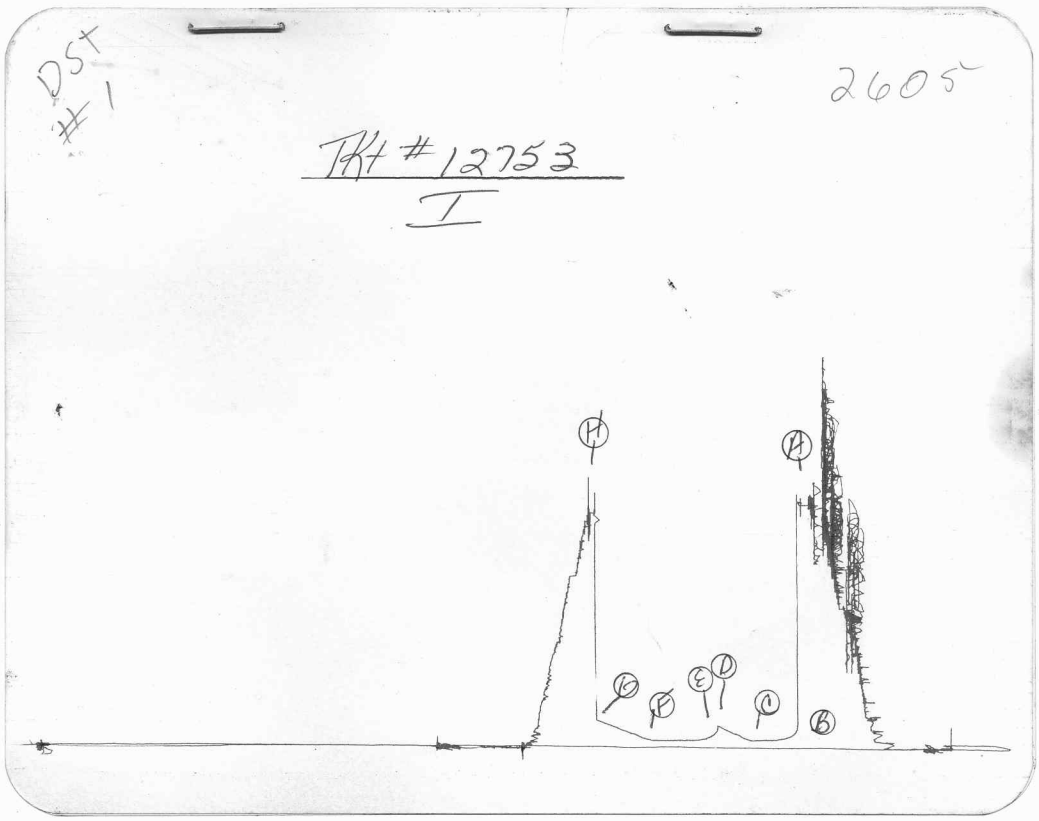
Point Minutes	Press.
0	42
3	41
6	45
9	52
12	62
15	73
18	80
21	92
24	100
27	112
30	117

Second Flow Pressure
Breakdown: 10 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	38
5	38
10	38
15	38
20	38
25	38
30	38
35	38
40	38
45	38
50	38

Final Shut-In
Breakdown: 13 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	38
3	42
6	49
9	59
12	70
15	74
18	82
21	90
24	99
27	110
30	118
33	127
36	135
39	144



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	1327	1327	PSI
(B)	First Initial Flow Pressure	42	42	PSI
(C)	First Final Flow Pressure	42	42	PSI
(D)	Initial Closed-in Pressure	116	117	PSI
(E)	Second Initial Flow Pressure	42	38	PSI
(F)	Second Final Flow Pressure	42	38	PSI
(G)	Final Closed-in Pressure	137	144	PSI
(H)	Final Hydrostatic Mud	1327	1267	PSI

COMPANY MCGINNESS OIL COMPANY LEASE AND WELL NO. SCHROEDER #1 SEC. 33 TWP. 20S RGE. 2E TEST NO. 1 DATE 10/16/81

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

Company McGinness Oil Company | Lease & Well No. Schroeder #1

Elevation 1433 Kelly Bushing | Formation Mississippi | Effective Pay - Ft. | Ticket No. 12754

Date 10/16/81 | Sec. 33 | Twp. 20S | Range 2E | County Marion | State Kansas

Test Approved by Doug McGinness | Western Representative Kenny Kirkendall

Formation Test No. 2 | Interval Tested from 2621 ft. to 2645 ft. | Total Depth 2645 ft.

Packer Depth 2621 ft. | Size 6 3/4 in. | Packer Depth - ft. | Size - in.

Packer Depth 2616 ft. | Size 6 3/4 in. | Packer Depth - ft. | Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 2626 ft. | Recorder Number 2605 | Cap. 4150

Bottom Recorder Depth (Outside) 2631 ft. | Recorder Number 10979 | Cap. 4100

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

Drilling Contractor White & Ellis Drlg. Rig #7 | Drill Collar Length 330 | I. D. - in.

Mud Type chemical | Viscosity 38 | Weight Pipe Length - | I. D. - in.

Weight 9.6 | Water Loss 14.4 cc. | Drill Pipe Length 2261 | I. D. - in.

Chlorides 1,600 P.P.M. | Test Tool Length 20 ft. | Tool Size 5½ in.

Jars: Make - | Serial Number - | Anchor Length 24 ft. | Size 5½ in.

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

Main Hole Size 7 7/8 in. | Tool Joint Size 4½XH in.

Blow: Good blow first flow; gas to surface thirty minutes. See attached sheet for gas measurements.

Recovered 220 ft. of watery mud

Recovered 60 ft. of muddy water , salty.

Recovered ft. of Chlorides 19,000 ppm

Recovered ft. of

Recovered ft. of

Remarks: Slid tool fifteen feet.

Time Set Packer(s) 12:01 A.M. P.M. | Time Started Off Bottom A.M. P.M. | Maximum Temperature ?

Initial Hydrostatic Pressure			(A) 1306 P.S.I.			
Initial Flow Period	Minutes 30	(B) 112 P.S.I.	to	(C) 86 P.S.I.		
Initial Closed In Period	Minutes 30	(D) 615 P.S.I.				
Final Flow Period	Minutes 60	(E) 79 P.S.I.	to	(F) 103 P.S.I.		
Final Closed In Period	Minutes 54	(G) 606 P.S.I.				
Final Hydrostatic Pressure		(H) 1306 P.S.I.				

Home Office: Wichita, Kansas 67201

P.O. Box 1599 (316) 262-5861

GAS FLOW REPORT

Date 10/17/81 Ticket 12754 Company McGinness Oil Company

Well Name and No. Schroeder #1 Dst No. 2 Interval Tested 2621'-2645'

County Marion State Kansas Sec. 33 Twp. 20S Rg. 2E

Time Gauge Pre-Flow	Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	P.S.I. on U-Tube Tester	Description of Flow
PRE FLOW						
			GAS TO SURFACE IN THIRTY MINUTES.			
			NO SAMPLE TAKEN			
SECOND FLOW						
	10 min.	19" of water		1/4" orifice		7,320 CFPD
	20 min.	18" of water		1/4" orifice		7,120 CFPD
	30 min.	17" of water		1/4" orifice		6,930 CFPD
	40 min.	14" of water		1/4" orifice		6,330 CFPD
	50 min.	14" of water		1/4" orifice		6,330 CFPD
	60 min.	14" of water		1/4" orifice		6,330 CFPD

GAS BOTTLE

Serial No. -- Date Bottle Filled --- Date to be Invoiced 10/17/81

Requisition and Provisions for high pressure stainless steel gas bottles. Western Testing Co., Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Western Testing Co., Inc. within thirty (30) days free of charge, or be invoiced in the amount of $75.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

All charges subject to 1% per month, equal to 12% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME McGinness Oil Company

Authorized by Doug McGinness

FORM WTC 6

WESTERN TESTING CO., INC.

Pressure Data

Date 10/16/81 Test Ticket No. 12754

Recorder No. 2605 Capacity 4150 Location 2626 Ft.

Clock No. - Elevation 1433 Kelly Bushing Well Temperature -- °F

Point		Pressure	
A	Initial Hydrostatic Mud	1306	P.S.I.
B	First Initial Flow Pressure	112	P.S.I.
C	First Final Flow Pressure	86	P.S.I.
D	Initial Closed-in Pressure	615	P.S.I.
E	Second Initial Flow Pressure	79	P.S.I.
F	Second Final Flow Pressure	103	P.S.I.
G	Final Closed-in Pressure	606	P.S.I.
H	Final Hydrostatic Mud	1306	P.S.I.

	Time Given	Time Computed
Open Tool	12:01 M	
First Flow Pressure	30 Mins.	30 Mins.
Initial Closed-in Pressure	30 Mins.	30 Mins.
Second Flow Pressure	60 Mins.	60 Mins.
Final Closed-in Pressure	45 Mins.	54 Mins.

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 6 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point	Mins.	Press.
P 1	0	112
P 2	5	112
P 3	10	88
P 4	15	86
P 5	20	86
P 6	25	86
P 7	30	86
P 8		
P 9		
P10		
P11		
P12		
P13		
P14		
P15		
P16		
P17		
P18		
P19		
P20		

Initial Shut-In
Breakdown: 10 Inc.
of 3 mins. and a
final inc. of 0 Min.

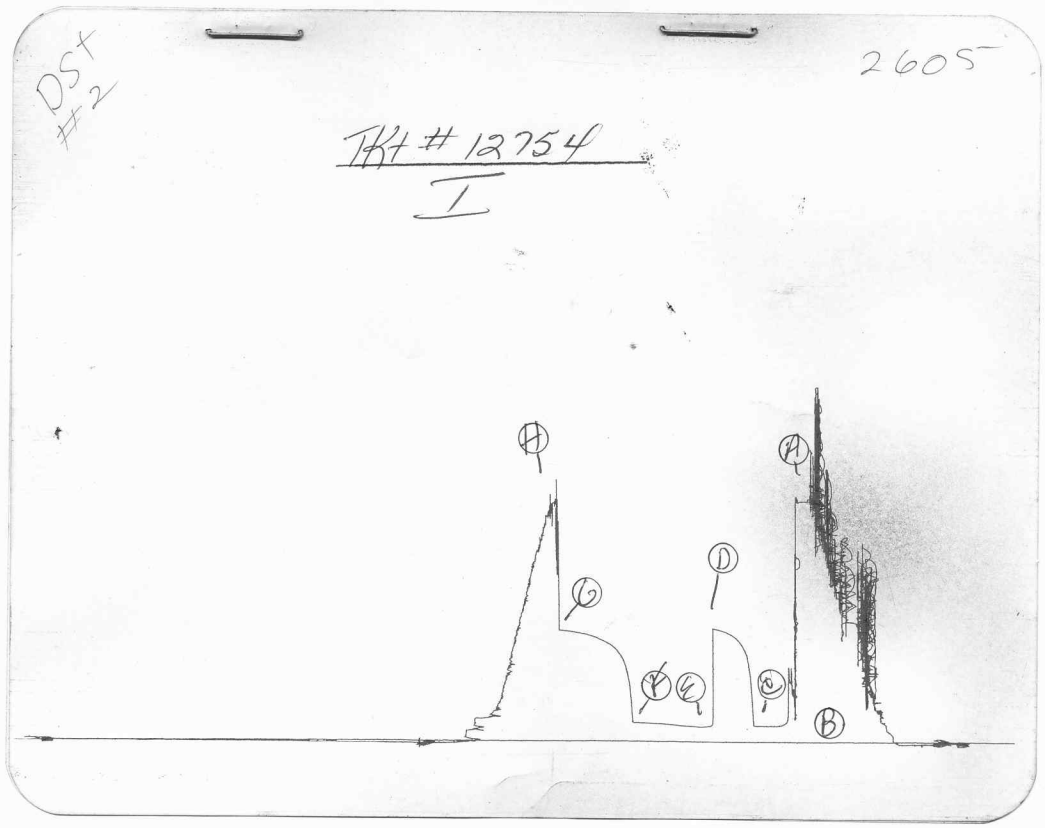
Point	Minutes	Press.
	0	86
	3	375
	6	483
	9	523
	12	552
	15	570
	18	587
	21	595
	24	604
	27	610
	30	615

Second Flow Pressure
Breakdown: 12 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point	Minutes	Press.
	0	79
	5	79
	10	79
	15	82
	20	84
	25	88
	30	92
	35	94
	40	97
	45	99
	50	100
	55	103
	60	103

Final Shut-In
Breakdown: 18 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point	Minutes	Press.
	0	103
	3	343
	6	424
	9	470
	12	498
	15	521
	18	533
	21	547
	24	557
	27	566
	30	575
	33	581
	36	587
	39	591
	42	594
	45	599
	48	601
	51	604
	54	606



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	1306	1306	PSI
(B)	First Initial Flow Pressure	95	112	PSI
(C)	First Final Flow Pressure	95	86	PSI
(D)	Initial Closed-in Pressure	611	615	PSI
(E)	Second Initial Flow Pressure	95	79	PSI
(F)	Second Final Flow Pressure	105	103	PSI
(G)	Final Closed-in Pressure	611	606	PSI
(H)	Final Hydrostatic Mud	1306	1306	PSI

COMPANY MCGINNESS OIL COMPANY LEASE AND WELL NO. SCHROEDER #1 SEC. 33 TWP. 20S RGE. 2E TEST NO. 2 DATE 10/16/81