Company McGinness Oil Company — Lease & Well No. Wiens #1

Elevation 1432 Kelly Bushing — Formation Mississippi — Effective Pay --- Ft. — Ticket No. 7955

Date 12/9/80 — Sec. 33 — Twp. 20S — Range 2E — County Marion — State Kansas

Test Approved by Douglas H. McGinness II — Western Representative Kenny Kirkendall

Formation Test No. 1 — Interval Tested from 2616 ft. to 2634 ft. — Total Depth 2634 ft.

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

Packer Depth 2611 ft. — Size 6 3/4 in. — Packer Depth - ft. — Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 2621 ft. — Recorder Number 2605 — Cap. 4150

Bottom Recorder Depth (Outside) 2626 ft. — Recorder Number 1560 — Cap. 4500

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

Drilling Contractor Brandt Drlg. Rig #1 — Drill Collar Length 60 — I. D. 2 1/4 in.

Mud Type chemical — Viscosity 41 — Weight Pipe Length - — I. D. - in.

Weight 9.7 — Water Loss 13.6 cc. — Drill Pipe Length 2529 — I. D. - in.

Chlorides 2,000 P.P.M. — Test Tool Length 27 ft. — Tool Size 5 1/2 in.

Jars: Make WTC — Serial Number 402 — Anchor Length 18 ft. — Size 5 1/2 in.

Did Well Flow? Gas — 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 3 1/2 IF in.

Blow: Good blow. Gas to surface in four minutes. See attached sheet for gas measurements.

Recovered 240 ft. of drilling mud

Recovered ____ ft. of

Recovered ____ ft. of

Recovered ____ ft. of

Recovered ____ ft. of

Remarks:

Time Set Packer(s) 9:45 ~~A.M.~~ P.M. — Time Started Off Bottom 12:30 ~~A.M.~~ P.M. — Maximum Temperature 100°

Initial Hydrostatic Pressure		(A) 1304 P.S.I.		
Initial Flow Period	Minutes 35	(B) 143 P.S.I.	to (C) 115 P.S.I.	
Initial Closed In Period	Minutes 30	(D) 540 P.S.I.		
Final Flow Period	Minutes 45	(E) 186 P.S.I.	to (F) 129 P.S.I.	
Final Closed In Period	Minutes 60	(G) 526 P.S.I.		
Final Hydrostatic Pressure		(H) 1286 P.S.I.		

GAS FLOW REPORT

Date 12/9/80 Ticket 7955 Company McGinness Oil Company

Well Name and No. Wiens #1 Dst No. 1 Interval Tested 2616'-2634'

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						
SECOND FLOW						
	5 min.	4.0 PSIG		1" orifice		283,000 CFPD
	10 min.	3.5 PSIG		1" orifice		263,000 CFPD
	15 min.	2.0 PSIG		1" orifice		195,000 CFPD
	20 min.	2.0 PSIG		1" orifice		195,000 CFPD
	25 min.	16.0 PSIG		1/2" orifice		153,000 CFPD
	30 min.	17.0 PSIG		1/2" orifice		159,000 CFPD
	35 min.	17.0 PSIG		1/2" orifice		159,000 CFPD
	40 min.	17.0 PSIG		1/2" orifice		159,000 CFPD
	45 min.	17.0 PSIG		1/2" orifice		159,000 CFPD

GAS BOTTLE

Serial No. 624 Date Bottle Filled 12/9/80 Date to be Invoiced 12/9/80

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 1½% per month, equal to 18% 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 Douglas H. McGinness II

FORM WTC 6

WESTERN TESTING CO., INC.
Pressure Data

Date 12/9/80 Test Ticket No. 7955

Recorder No. 2605 Capacity 4150 Location 2621 Ft.

Clock No. -- Elevation 1432 Kelly Bushing Well Temperature 100 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1304 P.S.I.	Open Tool	9:45P M	
B First Initial Flow Pressure	143 P.S.I.	First Flow Pressure	30 Mins.	35 Mins.
C First Final Flow Pressure	115 P.S.I.	Initial Closed-in Pressure	30 Mins.	30 Mins.
D Initial Closed-in Pressure	540 P.S.I.	Second Flow Pressure	45 Mins.	45 Mins.
E Second Initial Flow Pressure	186 P.S.I.	Final Closed-in Pressure	60 Mins.	60 Mins.
F Second Final Flow Pressure	129 P.S.I.			
G Final Closed-in Pressure	526 P.S.I.			
H Final Hydrostatic Mud	1286 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 7 Inc. of 5 mins. and a final inc. of 0 Min.

Point Mins.	Press.
P 1 0	143
P 2 5	145
P 3 10	165
P 4 15	150
P 5 20	129
P 6 25	120
P 7 30	116
P 8 35	115
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	115
3	381
6	430
9	453
12	474
15	487
18	498
21	508
24	521
27	531
30	540

Second Flow Pressure
Breakdown: 9 Inc. of 5 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	186
5	151
10	135
15	128
20	123
25	120
30	122
35	124
40	126
45	129

Final Shut-In
Breakdown: 20 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	129
3	315
6	358
9	385
12	402
15	417
18	432
21	443
24	453
27	462
30	472
33	479
36	485
39	492
42	499
45	505
48	511
51	516
54	520
57	524
60	526

IKT # 7955 2605-

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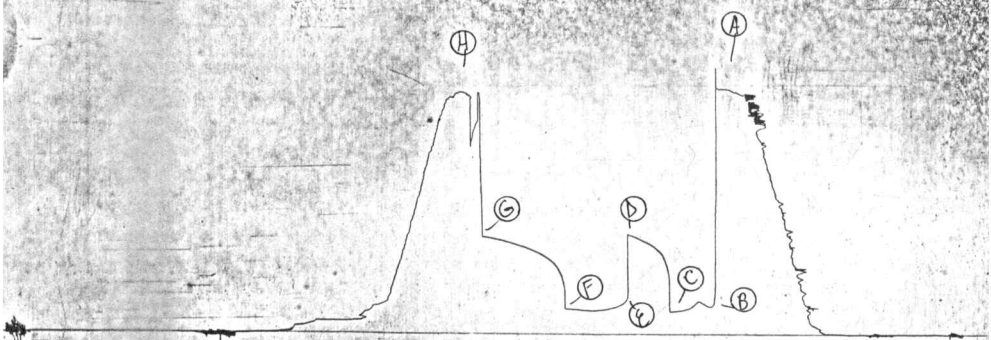

Company McGinness Oil Company Lease & Well No. Wiens #1

Elevation 1432 Kelly Bushing Formation Mississippi Effective Pay --- Ft. Ticket No. 7956

Date 12/10/80 Sec. 33 Twp. 20S Range 2E County Marion State Kansas

Test Approved by Douglas H. McGinness II Western Representative Kenny Kirkendall

Formation Test No. 2 Interval Tested from 2634 ft. to 2644 ft. Total Depth 2644 ft.

Packer Depth 2634 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 2629 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 2639 ft. Recorder Number 2605 Cap. 4150

Bottom Recorder Depth (Outside) 2643 ft. Recorder Number 1560 Cap. 4500

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

Drilling Contractor Brandt Drlg. Rig #1 Drill Collar Length 60 I. D. - in.

Mud Type chemical Viscosity 41 Weight Pipe Length - I. D. - in.

Weight 9.7 Water Loss 13.6 cc. Drill Pipe Length ? I. D. - in.

Chlorides 2,000 P.P.M. Test Tool Length 27 ft. Tool Size 5½ in.

Jars: Make WTC Serial Number 402 Anchor Length 10 ft. Size 5½ in.

Did Well Flow? Gas Reversed Out - Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. Tool Joint Size 3½ IF in.

Blow: Good blow. Gas to surface in two minutes. See attached sheet for gas measurements.

Recovered 70 ft. of drilling mud

Recovered 300 ft. of muddy salt water

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 4:30 ~~A.M.~~ P.M. Time Started Off Bottom 7:30 ~~A.M.~~ P.M. Maximum Temperature 100°

Initial Hydrostatic Pressure ..... (A) 1297 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 116 P.S.I. to (C) 110 P.S.I.

Initial Closed In Period ..... Minutes 30 (D) 589 P.S.I.

Final Flow Period ..... Minutes 60 (E) 150 P.S.I. to (F) 164 P.S.I.

Final Closed In Period ..... Minutes 60 (G) 550 P.S.I.

Final Hydrostatic Pressure ..... (H) 1271 P.S.I.

GAS FLOW REPORT

Date 12/10/80 Ticket 7956 Company McGinness Oil Company

Well Name and No. Wiens #1 Dst No. 2 Interval Tested 2634'-2644'

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			
	10 min.	8.0 PSIG		3/4" orifice		236,000 CFPD
	15 min.	10.0 PSIG		3/4" orifice		259,000 CFPD
	20 min.	10.0 PISG		3/4" orifice		259,000 CFPD
	25 min.	10.0PSIG		3/4" orifice		259,000 CFPD
	30 min.	9.5PSIG		3/4" orifice		251,000 CFPD
			SECOND FLOW			
	5 min.	11.0 PSIG		3/4" orifice		274,000 CFPD
	10 min.	9.0 PSIG		3/4" orifice		245,000 CFPD
	51 min.	7.0 PSIG		3/4" orifice		211,000 CFPD
	20 min.	6.5 PSIG		3/4" orifice		202,000 CFPD
	25 min.	5.0 PSIG		3/4" orifice		175,000 CFPD
	30 min.	5.0 PSIG		3/4" orifice		175,000 CFPD
	35 min.	4.5 PSIG		3/4" orifice		166,000 CFPD
	40 min.	4.5 PSIG		3/4" orifice		166,000 CFPD
	45 min.	4.5 PSIG		3/4" orifice		166,000 CFPD
	50 min.	4.5 PSIG		3/4" orifice		121,000 CFPD
	55 min.	2.5 PSIG		3/4" orifice		108,000 CFPD
	60 min.	2.0 PISG		3/4" orifice		

GAS BOTTLE

Serial No. ----- Date Bottle Filled ----- Date to be Invoiced 12/10/80

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 1½% per month, equal to 18% 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 Douglas H. McGinness II

FORM WTC 6

WESTERN TESTING CO., INC.
Pressure Data

Date 12/10/80

Test Ticket No. 7956

Recorder No. 2605 Capacity 4150 Location 2639 Ft.

Clock No. ---- Elevation 1432 Kelly Bushing Well Temperature 100 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	1297 P.S.I.		Open Tool	4:30A(?) M	
B	First Initial Flow Pressure	116 P.S.I.		First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	110 P.S.I.		Initial Closed-in Pressure	30 Mins.	30 Mins.
D	Initial Closed-in Pressure	589 P.S.I.		Second Flow Pressure	60 Mins.	60 Mins.
E	Second Initial Flow Pressure	150 P.S.I.		Final Closed-in Pressure	60 Mins.	60 Mins.
F	Second Final Flow Pressure	164 P.S.I.				
G	Final Closed-in Pressure	550 P.S.I.				
H	Final Hydrostatic Mud	1271 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	116
P 2	5	91
P 3	10	91
P 4	15	95
P 5	20	100
P 6	25	106
P 7	30	110
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	110
	3	501
	6	534
	9	556
	12	568
	15	574
	18	580
	21	584
	24	586
	27	588
	30	589

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

Point	Minutes	Press.
	0	150
	5	143
	10	138
	15	134
	20	136
	25	137
	30	138
	35	144
	40	148
	45	152
	50	154
	55	158
	60	164

Final Shut-In
Breakdown: 20 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point	Minutes	Press.
	0	164
	3	418
	6	459
	9	481
	12	496
	15	505
	18	514
	21	525
	24	526
	27	530
	30	535
	33	537
	36	539
	39	541
	42	543
	45	545
	48	546
	51	547
	54	548
	57	549
	60	550

WTC - 4

TK # 7956

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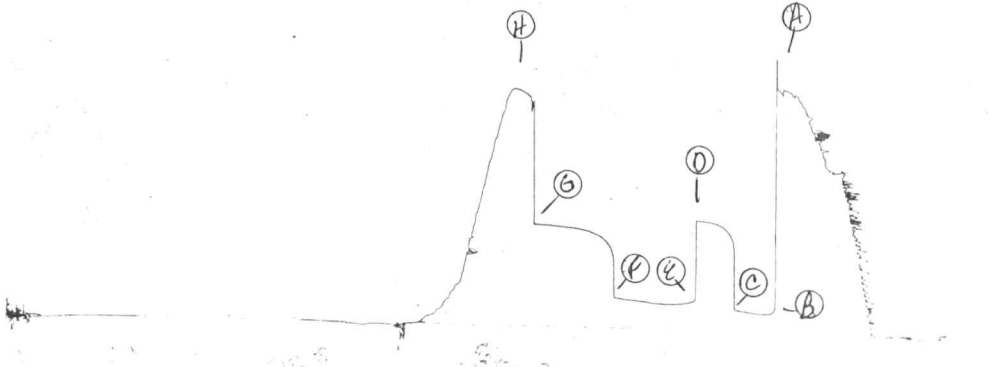

Company McGinness Oil Co. Lease & Well No. Weins #1

Elevation 1432 Kelly Bush. Formation Kinderhook Effective Pay – Ft. Ticket No. 7958

Date 12-12-80 Sec. 33 Twp. 20S Range 2E County Marion State Kansas

Test Approved by Douglas H. McGinness II Western Representative Kenny Kirkendall

Formation Test No. 3 Interval Tested from 2724 ft. to 2915 ft. Total Depth 2915 ft.

Packer Depth 2724 ft. Size 6 3/4 in. Packer Depth 2719 ft. Size 6 3/4 in.

Packer Depth – ft. Size – in. Packer Depth – ft. Size – in.

Depth of Selective Zone Set –

Top Recorder Depth (Inside) 2729 ft. Recorder Number 2605 Cap. 4150

Bottom Recorder Depth (Outside) 2734 ft. Recorder Number 1560 Cap. 4500

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

Drilling Contractor Brandt Drlg. (#1) Drill Collar Length – I. D. – in.

Mud Type Chemical Viscosity 42 Weight Pipe Length – I. D. – in.

Weight 9.5 Water Loss 13.1 cc. Drill Pipe Length 2697 I. D. – in.

Chlorides 2000 P.P.M. Test Tool Length 27 ft. Tool Size 5 1/2 in.

Jars: Make W.T.C. Serial Number 401 Anchor Length 191 ft. Size 5 1/2 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 3½ IF in.

Blow: Very weak died in 4 minutes on initial flow period. No blow on final flow period, flushed tool, good surge, no blow.

Recovered 6 ft. of drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 2:30 A.M. P.M. Time Started Off Bottom 4:00 A.M. P.M. Maximum Temperature

Initial Hydrostatic Pressure (A) 1356 P.S.I.

Initial Flow Period Minutes 30 (B) 59 P.S.I. to (C) 26 P.S.I.

Initial Closed In Period Minutes 30 (D) 34 P.S.I.

Final Flow Period Minutes 15 (E) 31 P.S.I. to (F) 40 P.S.I.

Final Closed In Period Minutes 24 (G) 44 P.S.I.

Final Hydrostatic Pressure (H) 1356 P.S.I.

WESTERN TESTING CO., INC.
Pressure Data

Date 12-12-80 Test Ticket No. 7958

Recorder No. 2605 Capacity 4150 Location 2729 Ft.

Clock No. - Elevation 1432 Kelly Bushing Well Temperature - °F

Point		Pressure	
A	Initial Hydrostatic Mud	1356	P.S.I.
B	First Initial Flow Pressure	59	P.S.I.
C	First Final Flow Pressure	26	P.S.I.
D	Initial Closed-in Pressure	34	P.S.I.
E	Second Initial Flow Pressure	31	P.S.I.
F	Second Final Flow Pressure	40	P.S.I.
G	Final Closed-in Pressure	44	P.S.I.
H	Final Hydrostatic Mud	1356	P.S.I.

	Time Given	Time Computed
Open Tool	2:30 M	
First Flow Pressure	30 Mins.	30 Mins.
Initial Closed-in Pressure	30 Mins.	30 Mins.
Second Flow Pressure	10 Mins.	15 Mins.
Final Closed-in Pressure	30 Mins.	24 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	59
P 2	5	48
P 3	10	38
P 4	15	32
P 5	20	27
P 6	25	26
P 7	30	26
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	26
3	26
6	26
9	26
12	26
15	26
18	27
21	28
24	30
27	32
30	34

Second Flow Pressure
Breakdown: 3 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	31 Flushed Tool
5	68
10	45
15	40

Final Shut-In
Breakdown: 8 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	40
3	40
6	40
9	40
12	40
15	41
18	42
21	43
24	44

TK #7958

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