Company: Rains & Williamson Oil Co., & Euwer Petroleum — Lease & Well No.: Schreiner Farms #1

Elevation: --- — Formation: --- — Effective Pay: -- Ft. — Ticket No.: 13764

Date: 1/18/82 — Sec.: 13 — Twp.: 32S — Range: 10W — County: Barber — State: Kansas

Test Approved by: Charles I. Slagle — Western Representative: Jim Wondra

Formation Test No.: 1 — Interval Tested from: 4102 ft. to: 4130 ft. — Total Depth: 4130 ft.

Packer Depth: 4097 ft. — Size: 6 3/4 in. — Packer Depth: - ft. — Size: - in.

Packer Depth: 4102 ft. — Size: 6 3/4 in. — Packer Depth: - ft. — Size: - in.

Depth of Selective Zone Set: -

Top Recorder Depth (Inside): 4120 ft. — Recorder Number: 2607 — Cap.: 4150

Bottom Recorder Depth (Outside): 4123 ft. — Recorder Number: 3351 — Cap.: 4000

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

Drilling Contractor: Rains & Williamson Drlg. Rig #3 — Drill Collar Length: 468 — I. D.: 2¼ in.

Mud Type: premix-drispac — Viscosity: 39 — Weight Pipe Length: - — I. D.: - in.

Weight: 9.3 — Water Loss: 12.8 cc. — Drill Pipe Length: 3613 — I. D.: 3.8 in.

Chlorides: 14,000 P.P.M. — Test Tool Length: 21 ft. — Tool Size: 5½OD in.

Jars: Make: - — Serial Number: - — Anchor Length: 28 ft. — Size: 5½OD 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: Weak blow thorughout test.

Recovered: 70 ft. of muddy water (few specks of oil on top)

Recovered: ft. of

Recovered: ft. of

Recovered: ft. of

Recovered: ft. of

Remarks:

Time Set Packer(s): 9:50 ~~A.M.~~ ~~P.M.~~ — Time Started Off Bottom: 1:20 ~~A.M.~~ ~~P.M.~~ — Maximum Temperature: 122°

Initial Hydrostatic Pressure			(A) 2019 P.S.I.			
Initial Flow Period	Minutes 30	(B) 43 P.S.I.	to	(C) 43 P.S.I.		
Initial Closed In Period	Minutes 63	(D) 1650 P.S.I.				
Final Flow Period	Minutes 65	(E) 106 P.S.I.	to	(F) 107 P.S.I.		
Final Closed In Period	Minutes 63	(G) 1605 P.S.I.				
Final Hydrostatic Pressure			(H) 1998 P.S.I.			

WTC-1

WESTERN TESTING CO., INC.
Pressure Data

Date 1/18/82 Test Ticket No. 13764

Recorder No. 2607 Capacity 4150 Location 4120 Ft.

Clock No. --- Elevation --- Well Temperature 122 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2019 P.S.I.	Open Tool		9:50A M	
B	First Initial Flow Pressure	43 P.S.I.	First Flow Pressure		30 Mins.	30 Mins.
C	First Final Flow Pressure	43 P.S.I.	Initial Closed-in Pressure		60 Mins.	63 Mins.
D	Initial Closed-in Pressure	1650 P.S.I.	Second Flow Pressure		60 Mins.	65 Mins.
E	Second Initial Flow Pressure	106 P.S.I.	Final Closed-in Pressure		60 Mins.	63 Mins.
F	Second Final Flow Pressure	107 P.S.I.				
G	Final Closed-in Pressure	1605 P.S.I.				
H	Final Hydrostatic Mud	1998 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	43
P 2	5	43
P 3	10	43
P 4	15	43
P 5	20	43
P 6	25	43
P 7	30	43
P 8		
P 9		
P10		
P11		
P12		
P13		
P14		
P15		
P16		
P17		
P18		
P19		
P20		

Initial Shut-In
Breakdown: 21 Inc. of 3 mins. and a final inc. of 0 Min.

Point	Minutes	Press.
	0	43
	3	51
	6	205
	9	675
	12	1071
	15	1286
	18	1378
	21	1442
	24	1475
	27	1508
	30	1532
	33	1550
	36	1569
	39	1581
	42	1596
	45	1606
	48	1618
	51	1624
	54	1632
	57	1641
	60	1647
	63	1650

Second Flow Pressure
Breakdown: 13 Inc. of 5 mins. and a final inc. of 0 Min.

Point	Minutes	Press.
	0	106
	5	106
	10	106
	15	106
	20	106
	25	107
	30	107
	35	107
	40	107
	45	107
	50	107
	55	107
	60	107
	65	107

Final Shut-In
Breakdown: 21 Inc. of 3 mins. and a final inc. of 0 Min.

Point	Minutes	Press.
	0	107
	3	199
	6	468
	9	885
	12	1171
	15	1293
	18	1366
	21	1411
	24	1445
	27	1475
	30	1494
	33	1511
	36	1526
	39	1538
	42	1549
	45	1565
	48	1573
	51	1580
	54	1587
	57	1595
	60	1600
	63	1605

JK # 13764

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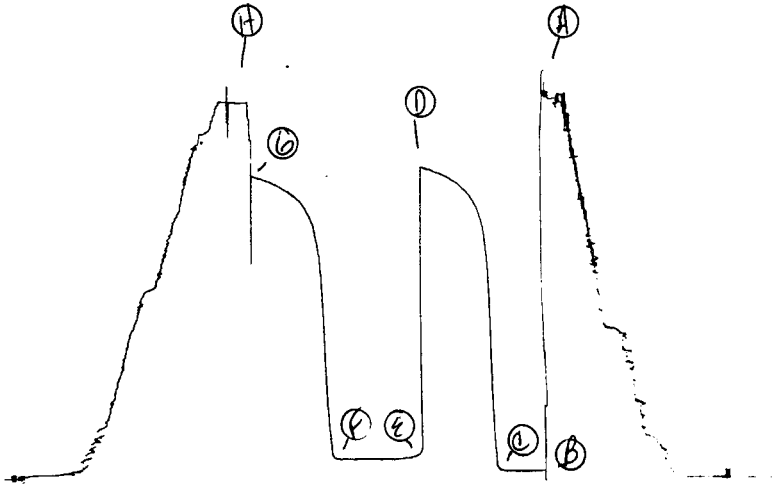

Company: Rains & Williamson Oil Co.,Inc. & Euwer Petroleum Lease & Well No.: Schreiner Farms #1

Elevation: - Formation: Mississippi Effective Pay: - Ft. Ticket No.: 13765

Date: 1/20/82 Sec.: 13 Twp.: 32S Range: 10W County: Barber State: Kansas

Test Approved by: Charles I. Slagle Western Representative: Jim Wondra

Formation Test No.: 2 Interval Tested from: 4362 ft. to: 4404 ft. Total Depth: 4404 ft.

Packer Depth: 4357 ft. Size: 6 3/4 in. Packer Depth: - ft. Size: - in.

Packer Depth: 4362 ft. Size: 6 3/4 in. Packer Depth: - ft. Size: - in.

Depth of Selective Zone Set: -

Top Recorder Depth (Inside): 4394 ft. Recorder Number: 2607 Cap.: 4150

Bottom Recorder Depth (Outside): 4397 ft. Recorder Number: 3351 Cap.: 4000

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

Drilling Contractor: Rains & Williamson Drlg. Rig #3 Drill Collar Length: 468 I. D.: 2¼ in.

Mud Type: premix-drispac Viscosity: 34 Weight Pipe Length: - I. D.: - in.

Weight: 9.0 Water Loss: 10.6 cc. Drill Pipe Length: 3873 I. D.: 3.8 in.

Chlorides: 17,000 P.P.M. Test Tool Length: 21 ft. Tool Size: 5½OD in.

Jars: Make: - Serial Number: - Anchor Length: 42 ft. Size: 5½OD in.

Did Well Flow?: Yes Reversed Out: - 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: Strong blow throughout flow period. Gas to surface in three minutes on pre-flow. Flowed oil in eighteen minutes on pre-flow. See attached sheet for gas measurements.

Recovered: 805 ft. of clean gassy oil (Gravity 27)

Recovered: ft. of

Recovered: ft. of

Recovered: ft. of

Recovered: ft. of

Remarks: Left tool hang all night.

Time Set Packer(s): 4:20 ~~A.M.~~ P.M. Time Started Off Bottom: 9:00 A.M. ~~P.M.~~ Maximum Temperature: 124°

Initial Hydrostatic Pressure ..... (A) 2204 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 727 P.S.I. to (C) 951 P.S.I.

Initial Closed In Period ..... Minutes 63 (D) 1392 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) 2204 P.S.I.

WTC-1

GAS FLOW REPORT

Date 1/20/82 Ticket 13765 Company Rains & Williamson Oil Co.,Inc. & Euwer Petroleum

Well Name and No. Schreiner Farms #1 Dst No. 2 Interval Tested 4362'-4404'

County Barber State Kansas Sec. 13 Twp. 32S Rg. 10W

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 three minutes.					
	5min.	38" of water		1½" orifice		429,000 CFPD
	10 min.	38" of water		1½" orifice		429,000 CFPD
	15 min.	40" of water		1½" orifice		440,000 CFPD
			SECOND FLOW			

GAS BOTTLE

Serial No. ---- Date Bottle Filled 1/20/82 Date to be Invoiced 1/20/82

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 Rains & Williamson Oil Co., Inc. & ~~Euwer Petroleum~~

Authorized by Rains & Williamson Geologist

FORM WTC 6

WESTERN TESTING CO., INC.
Pressure Data

Date 1/20/82 Test Ticket No. 13765

Recorder No. 2607 Capacity 4150 Location 4394 Ft.

Clock No. -- Elevation --- Well Temperature 124 °F

Point		Pressure			Time Given		Time Computed	
A	Initial Hydrostatic Mud	2204	P.S.I.	Open Tool	4:20P	M		
B	First Initial Flow Pressure	727	P.S.I.	First Flow Pressure	30	Mins.	30	Mins.
C	First Final Flow Pressure	951	P.S.I.	Initial Closed-in Pressure	60	Mins.	63	Mins.
D	Initial Closed-in Pressure	1392	P.S.I.	Second Flow Pressure	--	Mins.	--	Mins.
E	Second Initial Flow Pressure	--	P.S.I.	Final Closed-in Pressure	--	Mins.	--	Mins.
F	Second Final Flow Pressure	--	P.S.I.					
G	Final Closed-in Pressure	--	P.S.I.					
H	Final Hydrostatic Mud	2204	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	727
P 2	5	808
P 3	10	816
P 4	15	837
P 5	20	877
P 6	25	929
P 7	30	951
P 8		
P 9		
P10		
P11		
P12		
P13		
P14		
P15		
P16		
P17		
P18		
P19		
P20		

Initial Shut-In
Breakdown: 21 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	951
3	1288
6	1318
9	1336
12	1351
15	1358
18	1366
21	1371
24	1375
27	1378
30	1382
33	1384
36	1386
39	1388
42	1390
45	1392
48	1392
51	1392
54	1392
57	1392
60	1392
63	1392

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

Point Minutes	Press.

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

Point Minutes	Press.

WTC - 4

JK # 13765

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