Company Kansas Crude Oil, Inc. Lease & Well No. #1 Klenda "C"

Elevation 1380 Kelly Bushing Formation Mississippi Effective Pay - Ft. Ticket No. 7800

Date 11-21-80 Sec. 35 Twp. 18S Range 3E County Marion State Kansas

Test Approved by H J Groves Western Representative Kenny Kirkendall

Formation Test No. 1 Interval Tested from 2404 ft. to 2420 ft. Total Depth 2420 ft.

Packer Depth 2404 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 2399 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 2409 ft. Recorder Number 2605 Cap. 4150

Bottom Recorder Depth (Outside) 2414 ft. Recorder Number 1560 Cap. 4500

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

Drilling Contractor Kansas Crude Rig #1 Drill Collar Length 247 I. D. - in.

Mud Type Chemical Viscosity N/A Weight Pipe Length - I. D. - in.

Weight N/A Water Loss N/A cc. Drill Pipe Length 2129 I. D. - in.

Chlorides N/A P.P.M. Test Tool Length 28 ft. Tool Size 5½ in.

Jars: Make WTC Serial Number 401 Anchor Length 16 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 4½XH in.

Blow: Good blow throughout test. Gas to surface twenty-five minutes- not measureable

Recovered 200 ft. of oil & gas cut mud - 6% oil; 94% mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 5:00 A.M. P.M. Time Started Off Bottom 7:45 A.M. P.M. Maximum Temperature 97

Initial Hydrostatic Pressure			(A) 1193	P.S.I.		
Initial Flow Period	Minutes 30	(B) 61	P.S.I. to	(C) 57	P.S.I.	
Initial Closed In Period	Minutes 33	(D) 231	P.S.I.			
Final Flow Period	Minutes 40	(E) 106	P.S.I. to	(F) 83	P.S.I.	
Final Closed In Period	Minutes 60	(G) 227	P.S.I.			
Final Hydrostatic Pressure			(H) 1176	P.S.I.		

WESTERN TESTING CO., INC.
Pressure Data

Date 11/21/80 Test Ticket No. 7800

Recorder No. 2605 Capacity 4150 Location 2409 Ft.

Clock No. -- Elevation 1380 Kelly Bushing Well Temperature 97 °F

Point		Pressure	
A	Initial Hydrostatic Mud	1193	P.S.I.
B	First Initial Flow Pressure	61	P.S.I.
C	First Final Flow Pressure	57	P.S.I.
D	Initial Closed-in Pressure	231	P.S.I.
E	Second Initial Flow Pressure	106	P.S.I.
F	Second Final Flow Pressure	83	P.S.I.
G	Final Closed-in Pressure	227	P.S.I.
H	Final Hydrostatic Mud	1176	P.S.I.

	Time Given	Time Computed
Open Tool	5:00A M	
First Flow Pressure	30 Mins.	30 Mins.
Initial Closed-in Pressure	30 Mins.	33 Mins.
Second Flow Pressure	45 Mins.	40 Mins.
Final Closed-in Pressure	60 Mins.	60 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	61
P 2 5	54
P 3 10	50
P 4 15	49
P 5 20	51
P 6 25	54
P 7 30	57
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 11 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	57
3	137
6	176
9	195
12	205
15	214
18	220
21	222
24	227
27	229
30	231
33	231

Second Flow Pressure
Breakdown: 8 Inc. of 5 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	106
5	93
10	89
15	87
20	83
25	83
30	83
35	83
40	83

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

Point Minutes	Press.
0	83
3	118
6	152
9	171
12	184
15	195
18	201
21	205
24	210
27	212
30	215
33	217
36	219
39	220
42	221
45	222
48	223
51	224
54	225
57	226
60	227

2603

TK # 7800

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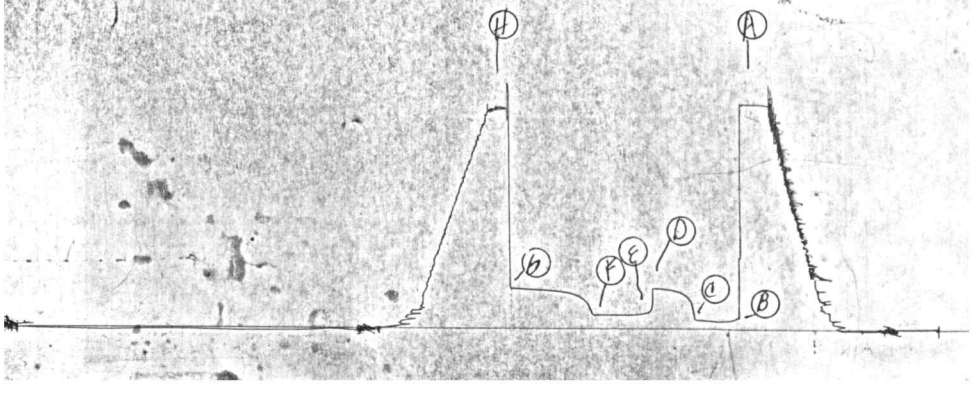

Company Kansas Crude Oil, Inc. Lease & Well No. #1 Klenda "C"

Elevation 1308 Kelly Bushing Formation Mississippi Effective Pay - Ft. Ticket No. 7951

Date 11-21-80 Sec. 35 Twp. 18S Range 3E County Marion State Kansas

Test Approved by H J Groves by Kenny Kirkendall Western Representative Kenny Kirkendall

Formation Test No. 2 Interval Tested from 2420 ft. to 2435 ft. Total Depth 2435 ft.

Packer Depth 2420 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 2415 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 2425 ft. Recorder Number 2605 Cap. 4150

Bottom Recorder Depth (Outside) 2430 ft. Recorder Number 1560 Cap. 4500

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

Drilling Contractor Kansas Crude Drilling Rig #1 Drill Collar Length 247 I. D. - in.

Mud Type Chemical Viscosity N/A Weight Pipe Length 2145 I. D. - in.

Weight N/A Water Loss N/A cc. Drill Pipe Length 2 I. D. - in.

Chlorides N/A P.P.M. Test Tool Length 28 ft. Tool Size 5½ in.

Jars: Make WTC Serial Number 401 Anchor Length 15 ft. Size 5½ in.

Did Well Flow? No Reversed Out Yes 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: Fair blow throughout test

Recovered 688 ft. of muddy salt water

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 6:00 A.M. P.M. Time Started Off Bottom - A.M. P.M. Maximum Temperature 98

Initial Hydrostatic Pressure		(A) 1203 P.S.I.		
Initial Flow Period	Minutes 30	(B) 91 P.S.I.	to (C) 205 P.S.I.	
Initial Closed In Period	Minutes 30	(D) 273 P.S.I.		
Final Flow Period	Minutes 45	(E) 258 P.S.I.	to (F) 273 P.S.I.	
Final Closed In Period	Minutes 60	(G) 273 P.S.I.		
Final Hydrostatic Pressure		(H) 1176 P.S.I.		

WESTERN TESTING CO., INC.

Pressure Data

Date 11/21/80 Test Ticket No. 7951

Recorder No. 2605 Capacity 4150 Location 2425 Ft.

Clock No. -- Elevation 1308 Kelly Bushing Well Temperature 98 °F

Point	Pressure	
A Initial Hydrostatic Mud	1203	P.S.I.
B First Initial Flow Pressure	91	P.S.I.
C First Final Flow Pressure	205	P.S.I.
D Initial Closed-in Pressure	273	P.S.I.
E Second Initial Flow Pressure	258	P.S.I.
F Second Final Flow Pressure	273	P.S.I.
G Final Closed-in Pressure	273	P.S.I.
H Final Hydrostatic Mud	1176	P.S.I.

	Time Given	Time Computed
Open Tool	6:00P M	
First Flow Pressure	30 Mins.	30 Mins.
Initial Closed-in Pressure	30 Mins.	30 Mins.
Second Flow Pressure	45 Mins.	45 Mins.
Final Closed-in Pressure	60 Mins.	60 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	91
P 2	5	101
P 3	10	123
P 4	15	144
P 5	20	167
P 6	25	188
P 7	30	205
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	205
	3	235
	6	248
	9	256
	12	263
	15	267
	18	269
	21	270
	24	271
	27	272
	30	273

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

Point	Minutes	Press.
	0	258
	5	258
	10	258
	15	263
	20	265
	25	268
	30	271
	35	273
	40	273
	45	273

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

Point	Minutes	Press.
	0	273
	3	273
	6	273
	9	273
	12	273
	15	273
	18	273
	21	273
	24	273
	27	273
	30	273
	33	273
	36	273
	39	273
	42	273
	45	273
	48	273
	51	273
	54	273
	57	273
	60	273

2605

Ht # 7951

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