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

Elevation ----- Formation Mississippi Effective Pay ---- Ft. Ticket No. 4950

Date 5/28/80 Sec. 35 Twp. 18S Range 3E County Marion State Kansas

Test Approved by H. J. Groves Western Representative John Lee

Formation Test No. 1 Interval Tested from 2370 ft. to 2400 ft. Total Depth 2400 ft.

Packer Depth 2370 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 2365 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 2393 ft. Recorder Number 1560 Cap. 4500

Bottom Recorder Depth (Outside) 2396 ft. Recorder Number 1561 Cap. 3200

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

Drilling Contractor Kansas Drilling #1 Drill Collar Length 237 I. D. 2¼ in.

Mud Type chemical Viscosity 50+ Weight Pipe Length - I. D. - in.

Weight 9.8 Water Loss cc. Drill Pipe Length 2568 I. D. 3.8 in.

Chlorides - P.P.M. Test Tool Length 57 ft. Tool Size 3½IF in.

Jars: Make WTC Serial Number 411 Anchor Length 30 ft. Size 3½IF in.

Did Well Flow? 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: Strong blow on initial flow period. Gas to surface in seven minutes. See attached sheet for gas measurements.

Recovered 660 ft. of free oil/gas

Recovered 60 ft. of oil cut mud

Recovered 120 ft. of oil cut water

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 6:30 A.M. P.M. Time Started Off Bottom 9:00 A.M. P.M. Maximum Temperature 102°

Initial Hydrostatic Pressure			(A)	1189	P.S.I.	
Initial Flow Period	Minutes 30	(B)	412	P.S.I. to (C)	438	P.S.I.
Initial Closed In Period	Minutes 30	(D)	465	P.S.I.		
Final Flow Period	Minutes 25	(E)	425	P.S.I. to (F)	444	P.S.I.
Final Closed In Period	Minutes 60	(G)	468	P.S.I.		
Final Hydrostatic Pressure		(H)	1169	P.S.I.		

GAS FLOW REPORT

Date 5/28/80 Ticket 4950 Company Kansas Crude Oil, Inc.

Well Name and No. Klenda #1 Dst No. 1 Interval Tested 2370'-2400'

County Marion State Kansas Sec. 35 Twp. 38S Rg. 3W

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						
	7-15 minutes 15-30 minutes		2 lbs.	2" orifice		1,020,000 CFPD gassy oil to surface
SECOND FLOW						
	30 minutes			2" orifice		gassy oil to surface

GAS BOTTLE

Serial No. ----- Date Bottle Filled ----- Date to be Invoiced 5/28/80

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 Kansas Crude Oil, Inc.

Authorized by H. J. Groves

FORM WTC 6

WESTERN TESTING CO., INC.
Pressure Data

Date 5/28/80 Test Ticket No. 4950

Recorder No. 1560 Capacity 4500 Location 2393 Ft.

Clock No. - Elevation - Well Temperature 102 °F

Point		Pressure	
A	Initial Hydrostatic Mud	1189	P.S.I.
B	First Initial Flow Pressure	412	P.S.I.
C	First Final Flow Pressure	438	P.S.I.
D	Initial Closed-in Pressure	465	P.S.I.
E	Second Initial Flow Pressure	425	P.S.I.
F	Second Final Flow Pressure	444	P.S.I.
G	Final Closed-in Pressure	468	P.S.I.
H	Final Hydrostatic Mud	1169	P.S.I.

	Time Given	Time Computed
Open Tool	6:30A M	
First Flow Pressure	30 Mins.	30 Mins.
Initial Closed-in Pressure	30 Mins.	30 Mins.
Second Flow Pressure	30 Mins.	25 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	412
P 2	5	417
P 3	10	419
P 4	15	426
P 5	20	437
P 6	25	438
P 7	30	438
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	438
	3	455
	6	461
	9	464
	12	465
	15	465
	18	465
	21	465
	24	465
	27	465
	30	465

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

Point	Minutes	Press.
	0	425
	5	438
	10	441
	15	444
	20	444
	25	444

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

Point	Minutes	Press.
	0	444
	3	456
	6	461
	9	464
	12	464
	15	465
	18	465
	21	466
	24	466
	27	467
	30	467
	33	468
	36	468
	39	468
	42	468
	45	468
	48	468
	51	468
	54	468
	57	468
	60	468

TK# 4950
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