Company Aspen Oil, Inc. Lease & Well No. #1 Hay

Elevation 1266 Kelly Bushing Formation Mississippi Effective Pay - Ft. Ticket No. 8195

Date 6/13/81 Sec. 6 Twp. 29S Range 1E County Sedgwick State Kansas

Test Approved by David J Holdak Western Representative Allen Edgington

Formation Test No. 1 Interval Tested from 3185 ft. to 3225 ft. Total Depth 3225 ft.

Packer Depth 3180 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 3185 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3217 ft. Recorder Number 5666 Cap. 3950

Bottom Recorder Depth (Outside) 3220 ft. Recorder Number 3354 Cap. 4200

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

Drilling Contractor Aspen Drilling Rig #3 Drill Collar Length 214 I. D. 2¼ in.

Mud Type Chemical Viscosity 44 Weight Pipe Length - I. D. - in.

Weight 10.5 Water Loss - cc. Drill Pipe Length 2963 I. D. 3.8 in.

Chlorides - P.P.M. Test Tool Length 20 ft. Tool Size 4½ in.

Jars: Make - Serial Number - Anchor Length 40 ft. Size 4½ in.

Did Well Flow? Yes 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 4½IF in.

Blow: Strong throughout test. Gas to surface in 30 minutes. See attached sheet for gas measurements.

Recovered 635 ft. of heavy oil & gas cut froggy mud - 50% oil

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 11:00 ~~A.M.~~ P.M. Time Started Off Bottom 2:30 A.M. ~~P.M.~~ Maximum Temperature 112

Initial Hydrostatic Pressure			(A)	1755	P.S.I.	
Initial Flow Period	Minutes 30	(B)	199*	P.S.I. to (C)	502*	P.S.I.
Initial Closed In Period	Minutes 54	(D)	1859#	P.S.I.		
Final Flow Period	Minutes 30	(E)	339*	P.S.I. to (F)	453*	P.S.I.
Final Closed In Period	Minutes 87	(G)	1741#	P.S.I.		
Final Hydrostatic Pressure		(H)	1725	P.S.I.		

GAS FLOW REPORT

Date 6/13/81 Ticket 8195 Company Aspen Oil, Inc.

Well Name and No. #1 Hay Dst No. 1 Interval Tested 3185-3225

County Sedgwick State Kansas Sec. 6 Twp. 29S Rg. 1E

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						
	30 minutes pre flow . Gas to surface at end of pre-flow.					
SECOND FLOW						
	35 Min	30" water	3/4" Orifice			77,800 C.F.P.D.
	40 Min	19" water	3/4" Orifice			61,900 C.F.P.D.
	45 Min	26" water	¼" Orifice			8,560 C.F.P.D.
	50 Min	19" water	½" Orifice			27,300 C.F.P.D.

GAS BOTTLE

Serial No. - Date Bottle Filled - Date to be Invoiced 6/13/81

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 Aspen Oil, Inc.

Authorized by David J Holdak

FORM WTC 6

WESTERN TESTING CO., INC.
Pressure Data

Date 6/13/81 Test Ticket No. 8195

Recorder No. 5666 Capacity 3950 Location 3217 Ft.

Clock No. - Elevation 1266 Kelly Bushing Well Temperature 112 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1755 P.S.I.	Open Tool	11:00P M	
B First Initial Flow Pressure	199* P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	502* P.S.I.	Initial Closed-in Pressure	60 Mins.	54 Mins.
D Initial Closed-in Pressure	1859# P.S.I.	Second Flow Pressure	30 Mins.	30 Mins.
E Second Initial Flow Pressure	339* P.S.I.	Final Closed-in Pressure	90 Mins.	87 Mins.
F Second Final Flow Pressure	453* P.S.I.			
G Final Closed-in Pressure	1741# P.S.I.			
H Final Hydrostatic Mud	1725 P.S.I.			

*Pressures questionable due to plugging action

#Pressures questionable due to hydrostatic trap.

PRESSURE BREAKDOWN

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

Point Mins.	Press.
P 1 0	199*
P 2 5	199*
P 3 10	402*
P 4 15	655*
P 5 20	465*
P 6 25	791*
P 7 30	502*
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

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

Point Minutes	Press.
0	502*
3	1116#
6	1606#
9	1729#
12	1775#
15	1799#
18	1821#
21	1825#
24	1829#
27	1835#
30	1841#
33	1847#
36	1850#
39	1855#
42	1855#
45	1855#
48	1857#
51	1858#
54	1859#

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

Point Minutes	Press.
0	339*
5	339*
10	839*
15	490*
20	490*
25	566*
30	453*

Final Shut-In
Breakdown: 29 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	453*
3	1707#
6	1723#
9	1731#
12	1733#
15	1733#
18	1735#
21	1737#
24	1739#
27	1740#
30	1741#
33	1741#
36	1741#
39	1741#
42	1741#
45	1741#
48	1741#
51	1741#
54	1741#
57	1741#
60	1741#

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WESTERN TESTING CO., INC.
Pressure Data

Date 6/13/81 Test Ticket No. 8195

Recorder No. 5666 Capacity 3950 Location 3217 Ft.

Clock No. - Elevation 1266 Kelly Bushing Well Temperature 112 °F

Point		Pressure		Time Given	Time Computed
A	Initial Hydrostatic Mud	1755 P.S.I.	Open Tool	11:00P M	
B	First Initial Flow Pressure	199* P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	502* P.S.I.	Initial Closed-in Pressure	60 Mins.	54 Mins.
D	Initial Closed-in Pressure	1859# P.S.I.	Second Flow Pressure	30 Mins.	30 Mins.
E	Second Initial Flow Pressure	339* P.S.I.	Final Closed-in Pressure	90 Mins.	87 Mins.
F	Second Final Flow Pressure	453* P.S.I.			
G	Final Closed-in Pressure	1741# P.S.I.			
H	Final Hydrostatic Mud	1725 P.S.I.			

*Pressures questionable due to plugging action

#Pressures questionable due to hydrostatic trap.

PRESSURE BREAKDOWN

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

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

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

Final Shut-In
Breakdown: 29 Inc. of 3 mins. and a final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1						63	1741#
P 2						66	1741#
P 3						69	1741#
P 4						72	1741#
P 5						75	1741#
P 6						78	1741#
P 7						81	1741#
P 8						84	1741#
P 9						87	1741#
P10							
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

TKT # 8195

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