

Company Oil Property Management, Inc. Lease & Well No. Broadie #1
 Elevation -- Formation -- Effective Pay -- Ft. Ticket No. 1576
 Date 1/6/79 Sec. 33 Twp. 35S Range 22W County Clark State Kansas
 Test Approved by K. W. Johnson Western Representative Ron Emmons

Formation Test No. 1 Interval Tested from 5310 ft. to 5480 ft. Total Depth 5480 ft.
 Packer Depth 5305 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 5310 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set --
 Top Recorder Depth (Inside) 5318 ft. Recorder Number 3660 Cap. 4000
 Bottom Recorder Depth (Outside) 5321 ft. Recorder Number 1560 Cap. 6000
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Gabbert - Jones #3 Drill Collar Length 274 I. D. 2 1/4 in.
 Mud Type premix-drispac Viscosity 54 Weight Pipe Length - I. D. - in.
 Weight 9.4 Water Loss 1.5 cc. Drill Pipe Length 5018 I. D. 3.8 in.
 Chlorides 18,000 P.P.M. Test Tool Length 34' in. Tool Size 5 1/2 OD in.
 Jars: Make WTC Serial Number 408 Anchor Length 170 ft. Size 5 1/2 OD 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 4 1/2 FH in.

Blow: Weak to fair blow first period; couldn't get packer to seat.

Recovered 1948 ft. of mud
 Recovered ft. of
 Recovered ft. of MISRUN
 Recovered ft. of PACKER FAILURE SECOND OPENING.
 Recovered ft. of

Remarks: Slid tool four feet had packer seat first opening, tried four times to seat packer but kept losing mud in hole, then pulled it out of hole.

Time Set Packer(s) 3:30 ~~PM~~^{AM} Time Started Off Bottom 5:00 ~~PM~~^{AM} Maximum Temperature Broken
 Initial Hydrostatic Pressure (A) 2773 P.S.I.
 Initial Flow Period Minutes 30 (B) 39 P.S.I. to (C) 63 P.S.I.
 Initial Closed In Period Minutes 45 (D) -- 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) 2638 P.S.I.

WESTERN TESTING CO., INC.
Pressure Data

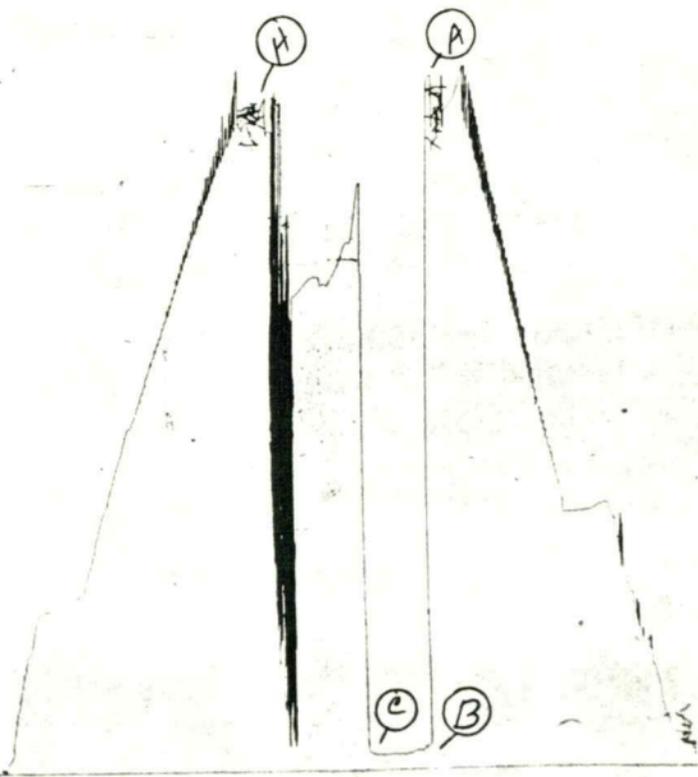
Date 1/6/79 Recorder No. 3660 Capacity 4000 Test Ticket No. 1576
 Location 5318 Ft. Clock No. -- Elevation -- Well Temperature -- °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2773</u> P.S.I.	Open Tool	<u>3:30A</u> M	
B First Initial Flow Pressure	<u>89</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>63</u> P.S.I.	Initial Closed-in Pressure		
D Initial Closed-in Pressure	<u>--</u> P.S.I.	Second Flow Pressure		
E Second Initial Flow Pressure	<u>--</u> P.S.I.	Final Closed-in Pressure		
F Second Final Flow Pressure	<u>--</u> P.S.I.			
G Final Closed-in Pressure	<u>--</u> P.S.I.			
H Final Hydrostatic Mud	<u>2638</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	<u>0</u> 89						
P 2	<u>5</u> 77						
P 3	<u>10</u> 67						
P 4	<u>15</u> 63						
P 5	<u>20</u> 63						
P 6	<u>25</u> 63						
P 7	<u>30</u> 63						
P 8							
P 9							
P10							
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

Tkt # 1576
I



3660