

Company E. H. Wood, Jr. Lease & Well No. McBrayer #1-B  
 Elevation ---- Formation Mississippi Effective Pay - Ft. Ticket No. 15125  
 Date 2/5/82 Sec. 16 Twp. 34S Range 14W County Barber State Kansas  
 Test Approved by Greg Cheney Western Representative Richard Howell

Formation Test No. 1 Interval Tested from 4698 ft. to 4734 ft. Total Depth 4734 ft.  
 Packer Depth 4693 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.  
 Packer Depth 4698 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.  
 Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4727 ft. Recorder Number 13402 Cap. 4025  
 Bottom Recorder Depth (Outside) 4730 ft. Recorder Number 13267 Cap. 4050  
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Kaw Drilling Rig #1 Drill Collar Length - I. D. - in.  
 Mud Type starch Viscosity 47 Weight Pipe Length 155 I. D. 3.2 in.  
 Weight 9.6 Water Loss 12.8 cc. Drill Pipe Length 4523 I. D. 3.8 in.  
 Chlorides 33,000 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 in.  
 Jars: Make - Serial Number - Anchor Length 36 ft. Size 4 1/2 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 4 1/2 in.

Blow: Initial flow period weak building slowly to three inches in bucket. Final flow period fair building to good six inches into bucket.

Recovered 55 ft. of drilling mud  
 Recovered      ft. of       
 Recovered      ft. of       
 Recovered      ft. of       
 Recovered      ft. of     

Remarks:     

Time Set Packer(s) 6:50 ~~A.M.~~ P.M. Time Started Off Bottom 10:05 ~~A.M.~~ P.M. Maximum Temperature 123°  
 Initial Hydrostatic Pressure (A) 2425 P.S.I.  
 Initial Flow Period Minutes 30 (B) 35 P.S.I. to (C) 35 P.S.I.  
 Initial Closed In Period Minutes 45 (D) 135 P.S.I.  
 Final Flow Period Minutes 60 (E) 42 P.S.I. to (F) 42 P.S.I.  
 Final Closed In Period Minutes 60 (G) 343 P.S.I.  
 Final Hydrostatic Pressure (H) 2425 P.S.I.

**WESTERN TESTING CO., INC.**

**Pressure Data**

Date 2/5/82 Recorder No. 13402 Capacity 4025 Test Ticket No. 15125  
 Location 4727 Ft.       
 Clock No.      Elevation      Well Temperature 123 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2425	P.S.I.	6:50P	M
B First Initial Flow Pressure	35	P.S.I.	30	30
C First Final Flow Pressure	35	P.S.I.	45	45
D Initial Closed-in Pressure	135	P.S.I.	60	60
E Second Initial Flow Pressure	42	P.S.I.	60	60
F Second Final Flow Pressure	42	P.S.I.		
G Final Closed-in Pressure	343	P.S.I.		
H Final Hydrostatic Mud	2425	P.S.I.		

**PRESSURE BREAKDOWN**

Point Mins.	First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.
	6		15		12		20	
	of 5 mins. and a		of 3 mins. and a		of 5 mins. and a		of 3 mins. and a	
	final inc. of 0 Min.		final inc. of 0 Min.		final inc. of 0 Min.		final inc. of 0 Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.	
P 1 0	35	0	35	0	42	0	42	
P 2 5	35	3	38	5	42	3	49	
P 3 10	35	6	43	10	42	6	61	
P 4 15	35	9	48	15	42	9	75	
P 5 20	35	12	54	20	42	12	89	
P 6 25	35	15	62	25	42	15	103	
P 7 30	35	18	70	30	42	18	120	
P 8		21	81	35	42	21	134	
P 9		24	88	40	42	24	146	
P10		27	94	45	42	27	161	
P11		30	98	50	42	30	177	
P12		33	106	55	42	33	193	
P13		36	116	60	42	36	213	
P14		39	124			39	230	
P15		42	130			42	248	
P16		45	135			45	264	
P17						48	280	
P18						51	293	
P19						54	311	
P20						57	327	
						60	343	

#13402 DST #1

SK # 15125

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