

Company Silver Creek Management Corporation Lease & Well No. Achenbach "A" #1
 Elevation ---- Formation Cherokee Sand Effective Pay --- Ft. Ticket No. 9001
 Date 1/29/81 Sec. 17 Twp. 35S Range 12W County Barber State Kansas
 Test Approved by Gordon W. Keen Western Representative Gene Eberhart
 Formation Test No. 1 Interval Tested from 4802 ft. to 4822 ft. Total Depth 4822 ft.
 Packer Depth 4797 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.
 Packer Depth 4802 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 4810 ft. Recorder Number 2774 Cap. 4300
 Bottom Recorder Depth (Outside) 4813 ft. Recorder Number 10265 Cap. 4675
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
 Drilling Contractor Reynolds Drilling Rig #1 Drill Collar Length 372 I. D. 2.2 in.
 Mud Type starch Viscosity 60 Weight Pipe Length - I. D. - in.
 Weight 9.4 Water Loss 5.6 cc. Drill Pipe Length 4403 I. D. 3.8 in.
 Chlorides 20,000 P.P.M. Test Tool Length 27 ft. Tool Size 5 1/2 OD in.
 Jars: Make WTC Serial Number 421 Anchor Length 20 ft. Size 5 1/2 OD 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 4 in.

Blow: Very weak initial flow period; died in ten minutes; no blow during final flow period.

Recovered 1680 ft. of drilling mud
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Remarks:

Read chart #2774

Time Set Packer(s) 4:25 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 8:05 ~~P.M.~~ ^{A.M.} Maximum Temperature 131°
 Initial Hydrostatic Pressure 2511 P.S.I. (A)
 Initial Flow Period 80 Minutes (B) 123 P.S.I. to (C) 897 P.S.I.
 Initial Closed In Period 39 Minutes (D) 2326 * P.S.I.
 Final Flow Period 65 Minutes (E) 958 P.S.I. to (F) 913 P.S.I.
 Final Closed In Period 45 Minutes (G) CLOCK STOPPED P.S.I.
 Final Hydrostatic Pressure 2472 P.S.I. (H)

WESTERN TESTING CO., INC.

Pressure Data

Date 1/29/81 Test Ticket No. 9001
 Recorder No. 2774 Capacity 4300 Location 4810 Ft.
 Clock No. -- Elevation ---- Well Temperature 131 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	2511 P.S.I.	4:25A	M
B First Initial Flow Pressure	123 P.S.I.	20 Mins.	80 Mins.
C First Final Flow Pressure	897 P.S.I.	45 Mins.	39 Mins.
D Initial Closed-in Pressure	2326 * P.S.I.	60 Mins.	65 Mins.
E Second Initial Flow Pressure	958 P.S.I.	90 Mins.	45 Mins.
F Second Final Flow Pressure	913 P.S.I.		
G Final Closed-in Pressure	CLOCK STOPPED P.S.I.		
H Final Hydrostatic Mud	2472 P.S.I.		

* Pressures questionable due to lost packer seat.

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>16</u> Inc.		Breakdown: <u>13</u> Inc.		Breakdown: <u>13</u> Inc.		Breakdown: <u>16</u> 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 0	123	0	897	0	958	0	913
P 2 5	290	3	2152*	5	950	3	921
P 3 10	379	6	2113*	10	941	6	934
P 4 15	484	9	2080*	15	950	9	947
P 5 20	550	12	2076*	20	943	12	961
P 6 25	662	15	2076*	25	939	15	971
P 7 30	781	18	2067*	30	934	18	985
P 8 35	864	21	2063*	35	931	21	996
P 9 40	908	24	2054*	40	928	24	1009
P10 45	2309 *	27	2072*	45	925	27	1018
P11 50	952	30	2333*	50	922	30	1029
P12 55	941	33	2337*	55	921	33	1040
P13 60	923	36	2328*	60	919	36	1051
P14 65	912	39	2326*	65	913	39	1062
P15 70	906					42	1069
P16 75	899					45	1076
P17 80	897					48	CLOCK STOPPED
P18							
P19							
P20							

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IKT # 9001
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