

15-119-21018-00-00

Ricketts Testing, Inc.



Company SUBLETTE OIL COMPANY Lease & Well No. MEIRDIRKS #1-27
 Elevation 2213 K.B. Formation COUNCIL GROVE B & C Ticket No. 1932
 Date 1-8-00 Sec. 27 Twp. 34S Range 27W County MEADE State KANSAS
 Test Approved by ROGER MARTIN Ricketts Representative JIM RICKETTS

Formation Test No. 1 Interval Tested from 2964 ft. to 3010 ft. Total Depth 3010 ft.
 Packer Depth 2964 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 2961 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 2969 ft. Recorder Number 13306 Cap. 4625
 Bottom Recorder Depth (Outside) 2972 ft. Recorder Number 13565 Cap. 4475
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____

Drilling Contractor Abercrombie Drilling Rig #4 Drill Collar Length 237 I.D. 2.25 in.
 Mud Type Chemical Viscosity 42 Weight Pipe Length _____ I.D. _____ in.
 Weight 9.0 Water Loss N/A cc. Drill Pipe Length 2700 I.D. 3.25 in.
 Chlorides 14000 P.P.M. Test Tool Length 27 ft. Tool Size. 5 1/2 in.
 Jars: Make Sterling Serial Number 404 Anchor Length 46 ft. Size 5 1/2 in.
 Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
 Gravity Oil _____ Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 x h in.

Blow: Weak blow building to a strong blow in 20 minutes Initial Flow Period.
Weak blow building to a strong blow in 15 minutes Final Flow Period.

Recovered 340 ft. of Mud & gas cut water.
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Remarks: DST Fluid Chlorides 62,000 PPM

Time Set Packer (s) <u>6:10 P.M.</u>	Time Started Off Bottom <u>8:10</u>	P. M.	Maximum Temperature <u>99°</u>
Initial Hydrostatic Pressure.....(A)	<u>1415</u>	P.S.I.	
Initial Flow PeriodMinutes <u>30</u>	(B) <u>42</u>	P.S.I.	to
	(C) <u>117</u>	P.S.I.	
Initial Closed In PeriodMinutes <u>30</u>	(D) <u>802</u>	P.S.I.	
Final Flow PeriodMinutes <u>30</u>	(E) <u>129</u>	P.S.I.	to
	(F) <u>158</u>	P.S.I.	
Final Closed In PeriodMinutes <u>30</u>	(G) <u>776</u>	P.S.I.	
Final Hydrostatic Pressure(H)	<u>1394</u>	P.S.I.	

RICKETTS TESTING, INC.

Pressure Data

Date 1-8-00 Recorder No. 13306 Capacity 4625 Location 2969 Ft.
 Clock No. _____ Elevation 2213 K.B. Well Temperature 99 °F
 Test Ticket No. 1932

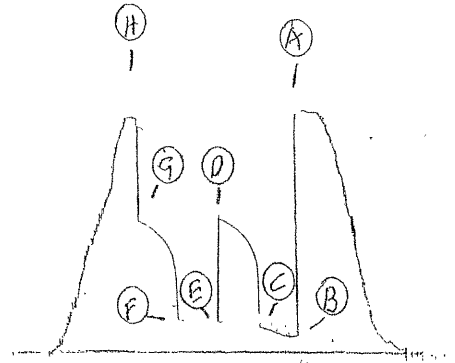
Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud _____	1415 P.S.I.	6:10 P.M.	
B First Initial Flow Pressure _____	42 P.S.I.	30 Mins.	30 Mins.
C First Final Flow Pressure _____	117 P.S.I.	30 Mins.	30 Mins.
D Initial Closed-in Pressure _____	802 P.S.I.	30 Mins.	30 Mins.
E Second Initial Flow Pressure _____	129 P.S.I.	30 Mins.	30 Mins.
F Second Final Flow Pressure _____	158 P.S.I.	30 Mins.	30 Mins.
G Final Closed-in Pressure _____	776 P.S.I.		
H Final Hydrostatic Mud _____	1394 P.S.I.		

PRESSURE BREAKDOWN

<p>First Flow Pressure Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of _____ Min.</p>	<p>Initial Shut-In Breakdown: <u>10</u> Inc. of <u>3</u> mins. and a final inc. of _____ Min.</p>	<p>Second Flow Pressure Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of _____ Min.</p>	<p>Final Shut-In Breakdown: <u>10</u> Inc. of <u>3</u> mins. and a final inc. of _____ Min.</p>
--	---	---	---

Point Mins.	First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes
P 1	42	0	117	0	129	0	158	0
P 2	52	3	556	3	135	5	566	3
P 3	63	6	621	6	138	10	611	6
P 4	79	9	677	9	145	15	670	9
P 5	97	12	708	12	149	20	694	12
P 6	110	15	731	15	154	25	720	15
P 7	117	18	748	18	158	30	736	18
P 8		21	767	21		35	746	21
P 9		24	778	24		40	757	24
P 10		27	790	27		45	767	27
P 11		30	802	30		50	776	30
P 12		33		33		55		33
P 13		36		36		60		36
P 14		39		39		65		39
P 15		42		42		70		42
P 16		45		45		75		45
P 17		48		48		80		48
P 18		51		51		85		51
P 19		54		54		90		54
P 20		57		57		95		57
		60		60				60

D.S.T. #1 IK# 1932



This is an actual photograph of recorder chart.

POINT	PRESSURE		PSI
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1395	1415	PSI
(B) First Initial Flow Pressure	41	42	PSI
(C) First Final Flow Pressure	108	117	PSI
(D) Initial Closed-in Pressure	802	802	PSI
(E) Second Initial Flow Pressure	142	129	PSI
(F) Second Final Flow Pressure	154	158	PSI
(G) Final Closed-in Pressure	790	776	PSI
(H) Final Hydrostatic Mud	1383	1394	PSI

15-119-2101800-00