

MILLER TESTING COMPANY

Box 547

GREAT BEND, KANSAS

Company BRADEN - DEEM, INC.

Lease and Well No. REDETZKE #1

County BARTON

State

KANSAS

Date 9-20-77

Formation Test No. 5 Total Depth 3370 Elev. 1890 K. B.
 Interval Tested 3317 To 3370 Anchor Length 53'
 Size Hole 7 7/8 Size Drill Pipe 4 1/2 X H - F H Size Packer 6 3/4
 Mud Weight 9.8 Viscosity 47 Water Loss 11.0 c.c. Bottom Hole Temp. 108 °F
 Chokes: Top 1/2 Bottom 1/2 Ticket No. 16889
 Length of Drill Collar 410 I. D. 2.25 Length Flexweight 440 I. D. 2.76

RECOVERY

FAIR BLOW, BUILDING TO STRONG STEADY BLOW, IN 3 MINUTES. STRONG BLOW, THROUGHOUT TEST.

15 FEET NO MEASURE

1st	45% OIL	55% MUD	NO WATER
2nd	45% OIL	55% MUD	NO WATER
3rd	45% OIL	55% MUD	NO WATER
4th	55% OIL	45% MUD	NO WATER
5th	50% OIL	35% MUD	5% WATER
6th	50% OIL	45% MUD	5% WATER
7th	55% OIL	45% MUD	NO WATER
8th	55% OIL	35% MUD	10% WATER
9th	60% OIL	35% MUD	5% WATER
10th	65% OIL	35% MUD	NO WATER
11th	70% OIL	30% MUD	NO WATER
12th	70% OIL	30% MUD	NO WATER
13th	70% OIL	-----	30% WATER
13th	10% OIL	-----	90% WATER

795 FEET OF OIL, OIL CUT MUD AND SOME WATER

Lease and Well No.

REDETZKE #1

NW SE SW

10-16S-11W

Formation Test No.

5

COMPANY BRADEN - DEEM, INC. DATE 9-20-77

LEASE REDETZKE WELL NO. 1 TEST NO. 5 TICKET NO. 16889

	TIME	PSI
INITIAL HYDRO MUD PRESSURE		1888
INITIAL CLOSED IN PRESSURE	40 MINUTES	1085
INITIAL FLOW	30 MINUTES	134 - 231
FINAL FLOW	60 MINUTES	325 - 386
FINAL CLOSED IN PRESSURE	90 MINUTES	1087
FINAL HYDRO MUD PRESSURE		1859

TOTAL DEPTH 3370
 PACKER DEPTH 3317
 BT. NO. 6233 DEPTH 3365

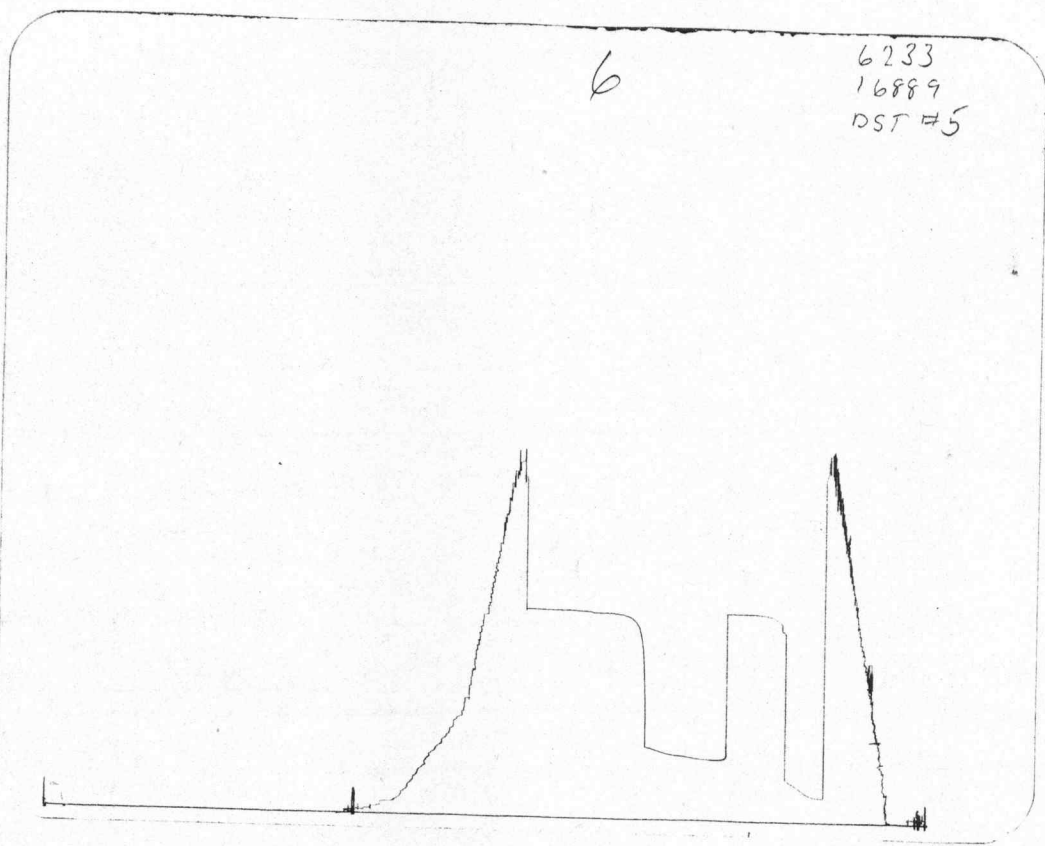
1ST FLOW PRESSURE		INITIAL CIP		2ND FLOW PRESSURE		FINAL CIP	
	134		231		325	386	1081
	142		1047		331	1005	1083
	182		1071		335	1055	1085
	231		1077		355	1063	1087
			1079		386	1065	1087
			1081			1067	1087
			1083			1069	1087
			1085			1071	
			1085			1073	
						1075	
						1077	
						1079	
10	MINUTE INTERVAL	5	MINUTE INTERVAL	15	MINUTE INTERVAL	5	MINUTE INTERVAL

REMARKS I.S.I.P. READ AS 40 MINUTES

SPECIAL PRESSURE DATA

6

6233
16889
DST #5



Tool Open: 1st Flow 30 hrs. 30 mins: Shut-in Initial 45 min: 2nd Flow 1 hr. min: Shut-in Final 1 hr. 30 min.

	Field Reading	Corrected Reading
(A) Initial Hydrostatic Pressure	<u>1878</u>	<u>1888</u>
(B) Initial 1st Flow Pressure	<u>132</u>	<u>134</u>
(C) Final 1st Flow Pressure	<u>223</u>	<u>231</u>
(D) Initial Shut-in Pressure	<u>1085</u>	<u>1085</u>
(E) Initial 2nd Flow Pressure	<u>325</u>	<u>325</u>
(F) Final 2nd Flow Pressure	<u>376</u>	<u>386</u>
(G) Final Shut-in Pressure	<u>1085</u>	<u>1087</u>
(H) Final Hydrostatic Pressure	<u>1859</u>	<u>1859</u>

16889