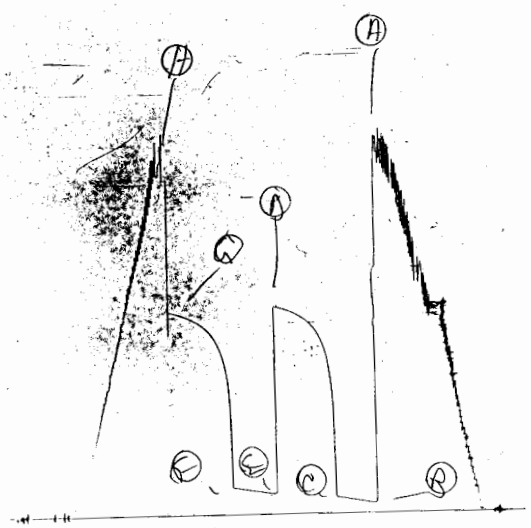
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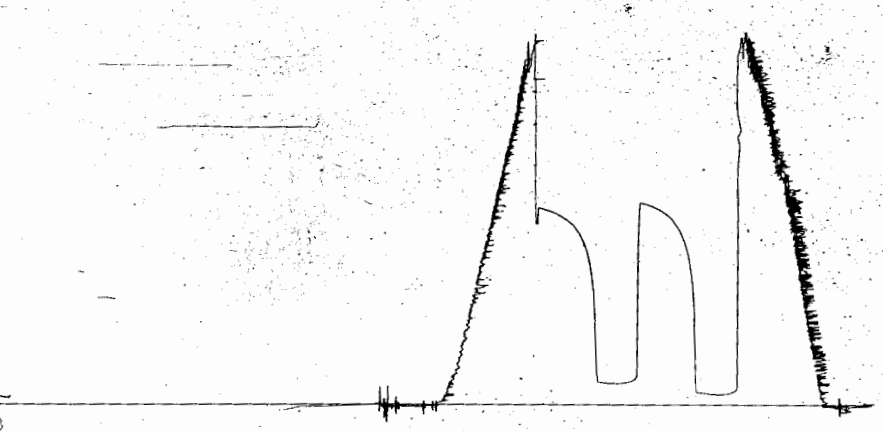
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OST#1
10270

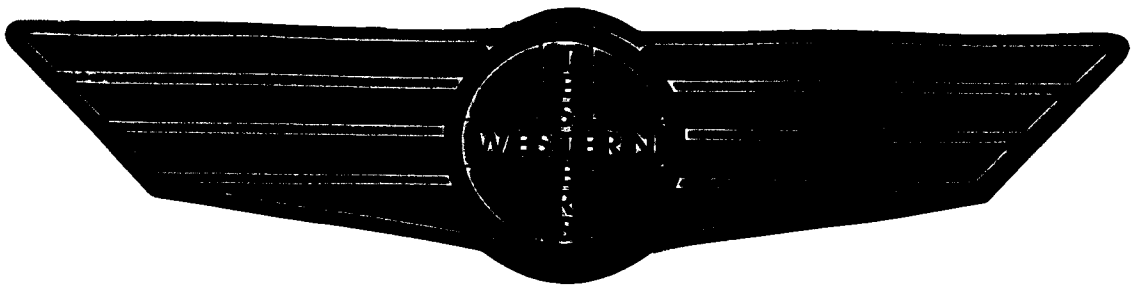
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OST#1
13550

FORMATION TEST REPORT



Home Office: Wichita, Kansas 67201

P.O. Box 1599 Phone 1-80-688-7021

COMPANY CHALLENGER EXPLORATION LEASE & WELL NO. #8 KRAUS SEC. 21 TWP. 14S RGE. 19W TEST NO. 1 DATE 11/2/93

DST REPORT

GENERAL INFORMATION

DATE	: 11/2/93	TICKET	: 20089
CUSTOMER	: CHALLENGER EXPLORATION	LEASE	: KRAUS
WELL	: #8 TEST: 1	GEOLOGIST	: NELSON
ELEVATION	: 2180 GL EST	FORMATION	: CONGLOMERATE
SECTION	: 21	TOWNSHIP	: 14S
RANGE	: 19W COUNTY: ELLIS	STATE	: KS
GAUGE SN#	: 10270 RANGE : 4150	CLOCK	: 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 3768.00 ft TO: 3808.00 ft TVD: 3808.0 ft
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL
DEPTH OF RECORDERS: 3771.0 ft 3774.0 ft
TEMPERATURE: 119.0

DRILL COLLAR LENGTH:	0.0 ft	I.D.:	0.000 in
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:	0.000 in
DRILL PIPE LENGTH :	3748.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH :	20.0 ft	TOOL SIZE :	5.500 in
ANCHOR LENGTH :	40.0 ft	ANCHOR SIZE:	5.500 in
SURFACE CHOKE SIZE :	0.750 in	BOTTOM CHOKE SIZE:	0.750 in
MAIN HOLE SIZE :	7.875 in	TOOL JOINT SIZE :	4.5XH
PACKER DEPTH:	3763.0 ft	SIZE:	6.630 in
PACKER DEPTH:	3768.0 ft	SIZE:	6.630 in
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in

MUD INFORMATION

DRILLING CON.	: EMPHASIS RIG 5		
MUD TYPE	: CHEMICAL	VISCOSITY :	50.00 cp
WEIGHT	: 9.300 ppg	WATER LOSS:	9.300 cc
CHLORIDES	: 6000 ppm		
JARS-MAKE	:	SERIAL NUMBER:	
DID WELL FLOW?	: NO	REVERSED OUT?	: NO

COMMENTS

Comment

INITIAL FLOW PERIOD WEAK BLOW BUILDING TO A STRONG BLOW IN 13 MINUTES. FINAL FLOW PERIOD WEAK BLOW BUILDING TO A STRONG BLOW IN 23 MINUTES.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
0.0	0.0	0.0	0.0	0.0	60 FT GAS ABOVE FLUID
50.0	100.0	0.0	0.0	0.0	OIL GRAVITY 35
60.0	33.0	5.0	0.0	62.0	HEAVY OIL CUT MUD
60.0	5.0	0.0	0.0	95.0	OIL CUT MUD
60.0	5.0	0.0	30.0	65.0	OIL CUT WATERY MUD
60.0	3.0	2.0	60.0	35.0	OIL CUT MUDDY WATER
0.0	0.0	0.0	0.0	0.0	CHLORIDES 14000 PPM

RATE INFORMATION

OIL VOLUME:	1.0884 STB		
GAS VOLUME:	0.3308 SCF	TOTAL FLOW TIME:	60.0000 min.
MUD VOLUME:	2.1629 STB	AVERAGE OIL RATE:	60.0456 STB/D
WATER VOLUME:	0.7574 STB	AVERAGE WATER RATE:	36.1640 STB/D
TOTAL FLUID :	4.0087 STB		

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1910.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	41.00	62.00
INITIAL SHUT-IN	45.00		1112.00
FINAL FLOW	30.00	83.00	124.00
FINAL SHUT-IN	45.00		1080.00

FINAL HYDROSTATIC PRESSURE: 1869.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2023.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	54.00	89.00
INITIAL SHUT-IN	45.00		1115.00
FINAL FLOW	30.00	112.00	144.00
FINAL SHUT-IN	45.00		1090.00

FINAL HYDROSTATIC PRESSURE: 1907.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE	: 11/2/93	TICKET	: 20089
CUSTOMER	: CHALLENGER EXPLORATION	LEASE	: KRAUS
WELL	: #8 TEST: 1	GEOLOGIST	: NELSON
ELEVATION	: 2180 GL EST	FORMATION	: CONGLOMERATE
SECTION	: 21	TOWNSHIP	: 14S
RANGE	: 19W COUNTY: ELLIS	STATE	: KS
GAUGE SN#	: 10270 RANGE : 4150	CLOCK	: 12

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	54.00	54.00
5.00	57.00	3.00
10.00	64.00	7.00
15.00	71.00	7.00
20.00	78.00	7.00
25.00	83.00	5.00
30.00	89.00	6.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	713.00	713.00	0.00
6.00	849.00	136.00	0.00
9.00	914.00	65.00	0.00
12.00	964.00	50.00	0.00
15.00	998.00	34.00	0.00
18.00	1021.00	23.00	0.00
21.00	1041.00	20.00	0.00
24.00	1058.00	17.00	0.00
27.00	1070.00	12.00	0.00
30.00	1082.00	12.00	0.00
33.00	1089.00	7.00	0.00
36.00	1098.00	9.00	0.00
39.00	1106.00	8.00	0.00
42.00	1112.00	6.00	0.00
45.00	1115.00	3.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	112.00	112.00
5.00	112.00	0.00
10.00	118.00	6.00
15.00	125.00	7.00
20.00	131.00	6.00
25.00	138.00	7.00
30.00	144.00	6.00

FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	687.00	687.00	0.00
6.00	804.00	117.00	0.00
9.00	885.00	81.00	0.00
12.00	931.00	46.00	0.00
15.00	963.00	32.00	0.00
18.00	987.00	24.00	0.00
21.00	1006.00	19.00	0.00
24.00	1025.00	19.00	0.00
27.00	1037.00	12.00	0.00
30.00	1049.00	12.00	0.00
33.00	1058.00	9.00	0.00
36.00	1068.00	10.00	0.00
39.00	1075.00	7.00	0.00
42.00	1083.00	8.00	0.00
45.00	1090.00	7.00	0.00

WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET Nº 20089

P. O. BOX 1599 PHONE (316) 262-5861
WICHITA, KANSAS 67201

Paid 11/18

Elevation 2180 GL EST. Formation ~~Arbuckle~~ Conglomerate Eff. Pay — Ft.

District Great Bend Date 11-2-93 Customer Order No. —

COMPANY NAME N-B Company for Challenger Explo, 67601-
ADDRESS P.O. Box 506 Russell, Ks 67665-0506 PO Box 1112 Hays 1112

LEASE AND WELL NO. Kraus #8 COUNTY Ellis STATE Ks Sec. 21 Twp. 14 Rge. 19 W

Mail Invoice To — No. Copies Requested Reg
Co. Name Address
Mail Charts To #8 KRAUS No. Copies Requested Reg
Address

Formation Test No. 1 Interval Tested From 3768 ft. to 3808 ft. Total Depth 3808 ft.

Packer Depth 3763 ft.	Size 6 7/8 in.	Packer Depth — ft.	Size — in.
Packer Depth 3768 ft.	Size 6 7/8 in.	Packer Depth — ft.	Size — in.

Depth of Selective Zone Set —

Top Recorder Depth (Inside)	3771 ft.	Recorder Number 10270	Cap. 4150
Bottom Recorder Depth (Outside)	3774 ft.	Recorder Number 13550	Cap. 4175
Below Straddle Recorder Depth	— ft.	Recorder Number —	Cap. —

Drilling Contractor	Emphasis Drlg rig 5	Drill Collar Length —	I. D. — in.
Mud Type Chemical	Viscosity 50	Weight Pipe Length —	I. D. — in.
Weight 9.3	Water Loss 9.3 cc.	Drill Pipe Length 3748	I. D. 3.8 in.
Chlorides 6,000	P.P.M.	Test Tool Length 20 ft.	Tool Size 5 1/2 in.
Jars: Make —	Serial Number —	Anchor Length 40 ft.	Size 5 1/2 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 1/2 XH in.

Blow: IF - WEAK building TO A STRONG BLOW IN 13 MIN.
FF - WEAK building TO A STRONG BLOW IN 23 MIN.

Recovered 60 ft. of GAS IN Pipe
Recovered 50 ft. of OIL GRAVITY 35
Recovered 60 ft. of HEAVY OIL CUT MUD 5% GAS 33% OIL 62% MUD
Recovered 60 ft. of OIL CUT MUD 5% OIL 95% MUD
Recovered 60 ft. of OIL CUT WATERY MUD 5% OIL 30% WATER 65% MUD
Chlorides 14,000 P.P.M. Sample Jars used 5 Remarks:
60 OIL CUT MUDDY WATER 3% OIL 2% GAS 35% MUD 60% WATER

Time On Location 11:00 A.M. / P.M. Time Pick Up Tool 12:00 A.M. / P.M. Time Off Location — A.M. / P.M.
Time Set Packer(s) 1:20 A.M. / P.M. Time Started Off Bottom 3:50 A.M. / P.M. Maximum Temperature 119°

Initial Hydrostatic Pressure		(A) 1910	P.S.I.
Initial Flow Period	Minutes 30	(B) 41	P.S.I. to (C) 62 P.S.I.
Initial Closed In Period	Minutes 45	(D) 1112	P.S.I.
Final Flow Period	Minutes 30	(E) 83	P.S.I. to (F) 124 P.S.I.
Final Closed In Period	Minutes 45	(G) 1080	P.S.I.
Final Hydrostatic Pressure		(H) 1869	P.S.I.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By Ron Nelson
Signature of Customer or his authorized representative

Western Representative Ray Schwagy Thank you

FIELD INVOICE

Open Hole Test	$
Misrun	$
Straddle Test	$
Jars	$
Selective Zone	$
Safety Joint	$
Standby	$
Evaluation	$
Extra Packer	$
Circ. Sub.	$
Mileage	$
Fluid Sampler	$
Extra Charts	$
Insurance	$
Telecopier	$
TOTAL	$

WESTERN TESTING CO., INC.
Pressure Data

Date 11-2-92 Test Ticket No. 10089

Recorder No. 10270 Capacity Location Ft.

Clock No. Elevation Well Temperature °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1012 P.S.I.	Open Tool	M	
B First Initial Flow Pressure	P.S.I.	First Flow Pressure	Mins.	Mins.
C First Final Flow Pressure	P.S.I.	Initial Closed-in Pressure	Mins.	Mins.
D Initial Closed-in Pressure	P.S.I.	Second Flow Pressure	Mins.	Mins.
E Second Initial Flow Pressure	P.S.I.	Final Closed-in Pressure	Mins.	Mins.
F Second Final Flow Pressure	P.S.I.			
G Final Closed-in Pressure	P.S.I.			
H Final Hydrostatic Mud	1907 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: Inc. of 5 mins. and a final inc. of 0 Min.

Point Mins.	Press.
P 1 0	54
P 2 5	57
P 3 10	64
P 4 15	71
P 5 20	78
P 6 25	83
P 7 30	89
P 8 35	
P 9 40	
P10 45	
P11 50	
P12 55	
P13 60	
P14 65	
P15 70	
P16 75	
P17 80	
P18 85	
P19 90	
P20 95	
100	

Initial Shut-In
Breakdown: Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	89
3	213
6	849
9	914
12	964
15	998
18	1024
21	1041
24	1058
27	1070
30	1082
33	1089
36	1098
39	1106
42	1112
45	1115
48	
51	
54	
57	
60	

Second Flow Pressure
Breakdown: Inc. of 5 mins. and a final inc. of 0 Min.

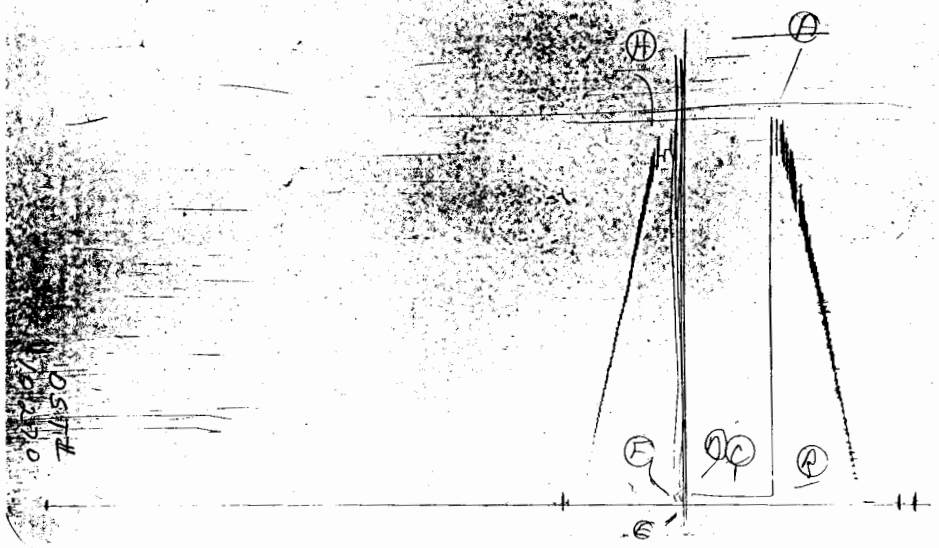
Point Minutes	Press.
0	112
5	112
10	118
15	125
20	131
25	138
30	144
35	
40	
45	
50	
55	
60	
65	
70	
75	
80	
85	
90	
95	
100	

Final Shut-In
Breakdown: Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	744
3	887
6	904
9	885
12	931
15	962
18	987
21	1006
24	1025
27	1037
30	1049
33	1058
36	1068
39	1075
42	1082
45	1090
48	
51	
54	
57	
60	

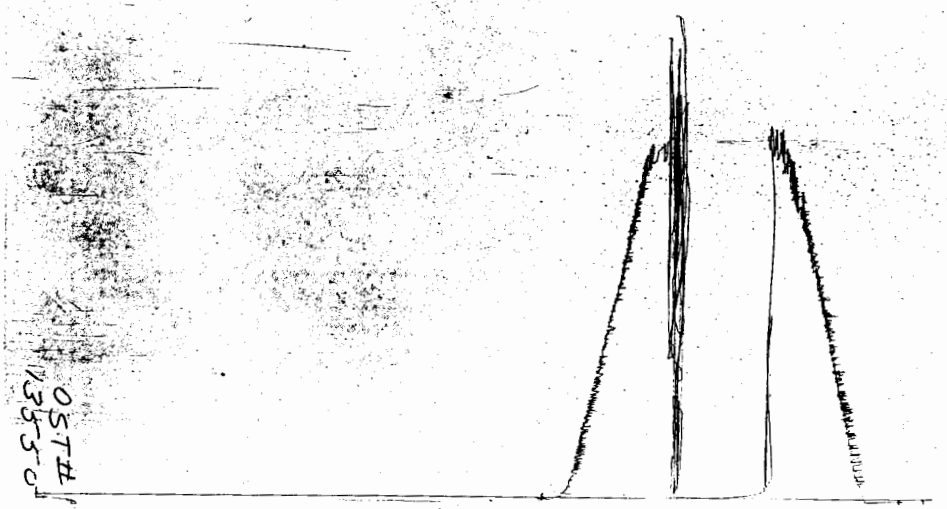
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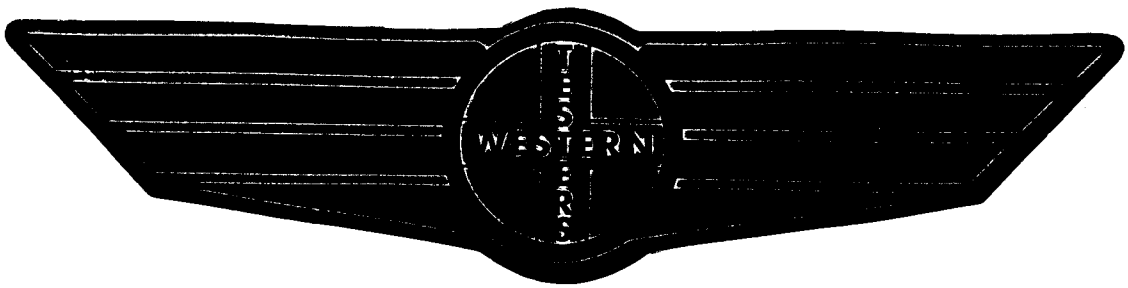


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FORMATION TEST REPORT



Home Office: Wichita, Kansas 67201

P.O. Box 1599 Phone 1-80-688-7021

COMPANY CHALLENGER EXPLORATION LEASE & WELL NO. #8 KRAUS SEC. 21 TWP. 14S RGE. 19W TEST NO. 2 DATE 11/3/93

DST REPORT

GENERAL INFORMATION

DATE	: 11/3/93	TICKET	: 20090
CUSTOMER	: CHALLENGER EXPLORATION	LEASE	: KRAUS
WELL	: #8 TEST: 2	GEOLOGIST	: NELSON
ELEVATION	: 2180 GL EST	FORMATION	: ARBUCKLE
SECTION	: 21	TOWNSHIP	: 14S
RANGE	: 19W COUNTY: ELLIS	STATE	: KS
GAUGE SN#	: 10270 RANGE : 4150	CLOCK	: 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 3813.00 ft TO: 3818.00 ft TVD: 3818.0 ft
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL
DEPTH OF RECORDERS: 3802.0 ft 3815.0 ft
TEMPERATURE: 119.0

DRILL COLLAR LENGTH:	0.0 ft	I.D.:	0.000 in
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:	0.000 in
DRILL PIPE LENGTH :	3788.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH :	25.0 ft	TOOL SIZE :	5.500 in
ANCHOR LENGTH :	5.0 ft	ANCHOR SIZE:	5.500 in
SURFACE CHOKE SIZE :	0.750 in	BOTTOM CHOKE SIZE:	0.750 in
MAIN HOLE SIZE :	7.875 in	TOOL JOINT SIZE :	4.5XH
PACKER DEPTH:	3808.0 ft	SIZE:	6.630 in
PACKER DEPTH:	3813.0 ft	SIZE:	6.630 in
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in

MUD INFORMATION

DRILLING CON.	: EMPHASIS RIG 5		
MUD TYPE	: CHEMICAL	VISCOSITY :	50.00 cp
WEIGHT	: 9.300 ppg	WATER LOSS:	9.300 cc
CHLORIDES	: 6000 ppm		
JARS-MAKE	:	SERIAL NUMBER:	
DID WELL FLOW?	: NO	REVERSED OUT?	: NO

COMMENTS

Comment

INITIAL FLOW PERIOD WEAK SURFACE BLOW THROUGHOUT.
FINAL FLOW PERIOD NO BLOW - FLUSHED TOOL.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
5.0	0.0	0.0	0.0	100.0	MUD

RATE INFORMATION

OIL VOLUME:	0.0000 STB		
GAS VOLUME:	0.0000 SCF	TOTAL FLOW TIME:	40.0000 min.
MUD VOLUME:	0.0701 STB	AVERAGE OIL RATE:	0.0000 STB/D
WATER VOLUME:	0.0000 STB	AVERAGE WATER RATE:	0.0000 STB/D
TOTAL FLUID :	0.0701 STB		

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1931.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	31.00	31.00
INITIAL SHUT-IN	30.00		52.00
FINAL FLOW	5.00	31.00	31.00
FINAL SHUT-IN	0.00		0.00

FINAL HYDROSTATIC PRESSURE: 1900.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1970.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	45.00	45.00
INITIAL SHUT-IN	30.00		60.00
FINAL FLOW	10.00	48.00	23.00

FINAL HYDROSTATIC PRESSURE: 1914.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE	: 11/3/93	TICKET	: 20090
CUSTOMER	: CHALLENGER EXPLORATION	LEASE	: KRAUS
WELL	: #8 TEST: 2	GEOLOGIST	: NELSON
ELEVATION	: 2180 GL EST	FORMATION	: ARBUCKLE
SECTION	: 21	TOWNSHIP	: 14S
RANGE	: 19W COUNTY: ELLIS	STATE	: KS
GAUGE SN#	: 10270 RANGE : 4150	CLOCK	: 12

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	45.00	45.00
5.00	45.00	0.00
10.00	45.00	0.00
15.00	45.00	0.00
20.00	45.00	0.00
25.00	45.00	0.00
30.00	45.00	0.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	46.00	46.00	0.00
6.00	47.00	1.00	0.00
9.00	48.00	1.00	0.00
12.00	49.00	1.00	0.00
15.00	50.00	1.00	0.00
18.00	52.00	2.00	0.00
21.00	54.00	2.00	0.00
24.00	56.00	2.00	0.00
27.00	58.00	2.00	0.00
30.00	60.00	2.00	0.00

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	48.00	48.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW (CONTINUED)

Time (min)	Pressure	Delta P
5.00	74.00	26.00
10.00	23.00	-51.00

FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
No Data Entered			

WESTERN TESTING CO., INC.
FORMATION TESTING

Last

TICKET Nº 20090

P. O. BOX 1599 PHONE (316) 262-5861
WICHITA, KANSAS 67201

Elevation 2180 GL est Formation Arbuckle Eff. Pay — Ft.

District Great Bend Date 11-3-93 Customer Order No. —

COMPANY NAME ~~N-B Company~~, Challenger Explor.

ADDRESS P.O. Box 506 Russell, Ks 67665-0506

LEASE AND WELL NO. Kraus #8 COUNTY Ellis STATE Ks Sec. 21 Twp. 14 S Rge. 19 W

Mail Invoice To Challenger Box 1112 Hay, Ks 67601
Co. Name Address No. Copies Requested Reg

Mail Charts To — No. Copies Requested Reg
Address

Formation Test No. 2 Interval Tested From 3813 ft. to 3818 ft. Total Depth 3818 ft.

Packer Depth 3808 ft. Size 6 5/8 in. Packer Depth — ft. Size — in.

Packer Depth 3813 ft. Size 6 5/8 in. Packer Depth — ft. Size — in.

Depth of Selective Zone Set —

Top Recorder Depth (Inside) 3802 ft. Recorder Number 10270 Cap. 4150

Bottom Recorder Depth (Outside) 3815 ft. Recorder Number 13550 Cap. 4175

Below Straddle Recorder Depth — ft. Recorder Number — Cap. —

Drilling Contractor Emphasis Drlg rig 5

Mud Type Chemical Viscosity 50

Weight 9.3 Water Loss 9.3 cc.

Chlorides 6,000 P.P.M.

Jars: Make — Serial Number —

Did Well Flow? — Reversed Out —

Drill Collar Length — I. D. — in.

Weight Pipe Length — I. D. — in.

Drill Pipe Length 3788 I. D. 3.8 in.

Test Tool Length 25 ft. Tool Size 5 1/2 in.

Anchor Length 5 ft. Size 5 1/2 in.

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 XH in.

Blow: IF - Weak surface Blow Throughout
FF - No Blow Flushed Tool

Recovered 5 ft. of Mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Chlorides — P.P.M. Sample Jars used 1 Remarks:

Time On Location A.M. P.M. Time Pick Up Tool 12:00 A.M. P.M. Time Off Location A.M. P.M.

Time Set Packer(s) 1:35 A.M. P.M. Time Started Off Bottom 2:35 A.M. P.M. Maximum Temperature 119°

Initial Hydrostatic Pressure ..... (A) 1931 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 31 P.S.I. to (C) 31 P.S.I.

Initial Closed In Period ..... Minutes 30 (D) 52 P.S.I.

Final Flow Period ..... Minutes 5 (E) 31 P.S.I. to (F) — P.S.I.

Final Closed In Period ..... Minutes — (G) — P.S.I.

Final Hydrostatic Pressure ..... (H) 1900 P.S.I.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By Ron Nelson
Signature of Customer or his authorized representative

Western Representative Ray Schwager Thank you

FIELD INVOICE

Open Hole Test	$
Misrun	$
Straddle Test	$
Jars	$
Selective Zone	$
Safety Joint	$
Standby	$
Evaluation	$
Extra Packer	$
Circ. Sub.	$
Mileage	$
Fluid Sampler	$
Extra Charts	$
Insurance	$
Telecopier	$
TOTAL	$

WESTERN TESTING CO., INC.
Pressure Data

Date 11-2-91 Test Ticket No. 10090

Recorder No. 10420 Capacity Location Ft.

Clock No. Elevation Well Temperature °F

Point		Pressure		Time Given	Time Computed
A	Initial Hydrostatic Mud	1970 P.S.I.	Open Tool	M	
B	First Initial Flow Pressure	P.S.I.	First Flow Pressure	Mins.	Mins.
C	First Final Flow Pressure	P.S.I.	Initial Closed-in Pressure	Mins.	Mins.
D	Initial Closed-in Pressure	P.S.I.	Second Flow Pressure	Mins.	Mins.
E	Second Initial Flow Pressure	P.S.I.	Final Closed-in Pressure	Mins.	Mins.
F	Second Final Flow Pressure	P.S.I.			
G	Final Closed-in Pressure	P.S.I.			
H	Final Hydrostatic Mud	1914 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Mins.		Press.
P 1	0	45
P 2	5	
P 3	10	
P 4	15	
P 5	20	
P 6	25	
P 7	30	45
P 8	35	
P 9	40	
P10	45	
P11	50	
P12	55	
P13	60	
P14	65	
P15	70	
P16	75	
P17	80	
P18	85	
P19	90	
P20	95	
	100	

Initial Shut-In
Breakdown: Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	45
3	46
6	47
9	48
12	49
15	50
18	52
21	54
24	56
27	58
30	60
33	
36	
39	
42	
45	
48	
51	
54	
57	
60	

Second Flow Pressure
Breakdown: Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	48
5	34 FT
10	42
15	
20	
25	
30	
35	
40	
45	
50	
55	
60	
65	
70	
75	
80	
85	
90	
95	
100	

Final Shut-In
Breakdown: Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	
3	
6	
9	
12	
15	
18	
21	
24	
27	
30	
33	
36	
39	
42	
45	
48	
51	
54	
57	
60	