



Home Office: Wichita, Kansas 67201

P.O. Box 1599 (316) 262-5861

(FAX # 1-316-262-7096)

THIS IS A FAX FROM WESTERN TESTING CO., INC.

ATTENTION:

Glen Morrison

DRILL STEM TEST #

2 & 3 Bonpar; 2 Newfeld.

DATE SENT

9-28-92.

LEASE & WELL NUMBER

COVER SHEET &

16. PAGES

IF YOU DO NOT RECEIVE THIS FAX OR DO NOT GET IT CLEARLY,
PLEASE CALL US AT 1-316-262-5861 AND WE WILL RESEND IT.

*Faxed to Glen Morrison
3 tests @ 50⁰⁰ ea.
Bill Bigg:*

MILLER TESTING COMPANY

Box 547

GREAT BEND, KANSAS

Company BIG "J" PRODUCTION COMPANY

Lease and Well No. NEUFELD #1

County HARVEY State KANSAS

Date DECEMBER 2, 1976

Formation Test No. 2 Total Depth 2990 Elev. _____
Interval Tested 2978 To 2990 Anchor Length 12'
Size Hole 7 7/8 Size Drill Pipe 4 1/2 FH Size Packer 6 3/4
Mud Weight 10 Viscosity 50 Water Loss 10 c.c. Bottom Hole Temp 103 °F
Chokes: Top 1/2 Bottom 1/2 Ticket No. 15404
Length of Drill Collar 167' I. D. 2 1/2 Length Flexweight _____ I. D. _____

RECOVERY

GAS TO SURFACE IN 3 MINUTES.

GAUGED THROUGH 1 1/2" ORIFICE 90 MINUTES 270 M.C.F.P.D.

FIRST OPENING:	10 MINUTES	170 M.C.F.P.D.
	20 MINUTES	197 M.C.F.P.D.
	30 MINUTES	220 M.C.F.P.D.

SECOND OPENING:	10 MINUTES	241 M.C.F.P.D.
	20 MINUTES	241 M.C.F.P.D.
	30 MINUTES	251 M.C.F.P.D.
	40 MINUTES	251 M.C.F.P.D.
	50 MINUTES	260 M.C.F.P.D.
	60 MINUTES	270 M.C.F.P.D.

125 FEET OF ROTARY MUD.

Lease and Well No. NEUFELD #1 35-22S-2W W/2 NW/4 NE/4

Formation Test No. _____

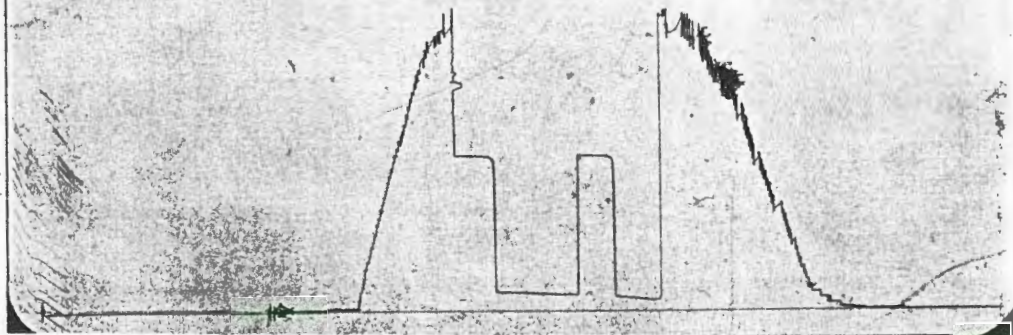
WESTERN TESTING CO., INC. Pressure Data

Date _____ Test Ticket No. _____
 Recorder No. _____ Capacity _____ Location _____ Ft. _____
 Clock No. _____ Elevation _____ Well Temperature _____ °F _____
 Point Pressure Time Given Time Computed
 A Initial Hydrostatic Mud 1582 P.S.I. Open Tool _____ M _____
 B First Initial Flow Pressure 56 P.S.I. First Flow Pressure _____ Mins. 30 Mins.
 C First Final Flow Pressure 62 P.S.I. Initial Closed-in Pressure _____ Mins. 30 Mins.
 D Initial Closed-in Pressure 858 P.S.I. Second Flow Pressure _____ Mins. 30 Mins.
 E Second Initial Flow Pressure 78 P.S.I. Final Closed-in Pressure _____ Mins. 30 Mins.
 F Second Final Flow Pressure 78 P.S.I.
 G Final Closed-in Pressure 842 P.S.I.
 H Final Hydrostatic Mud 1525 P.S.I.

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ 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	<u>56</u>	0	<u>62</u>	0	<u>78</u>	0	<u>78</u>
P 2 5	<u>57</u>	3	<u>234</u>	5	<u>78</u>	3	<u>250</u>
P 3 10	<u>58</u>	6	<u>509</u>	10	<u>78</u>	6	<u>488</u>
P 4 15	<u>59</u>	9	<u>673</u>	15	<u>78</u>	9	<u>617</u>
P 5 20	<u>60</u>	12	<u>752</u>	20	<u>78</u>	12	<u>696</u>
P 6 25	<u>61</u>	15	<u>802</u>	25	<u>78</u>	15	<u>764</u>
P 7 30	<u>62</u>	18	<u>827</u>	30	<u>78</u>	18	<u>795</u>
P 8 35		21	<u>838</u>	35		21	<u>813</u>
P 9 40		24	<u>845</u>	40		24	<u>831</u>
P 10 45		27	<u>854</u>	45		27	<u>838</u>
P 11 50		30	<u>858</u>	50		30	<u>842</u>
P 12 55		33		55		33	
P 13 60		36		60		36	
P 14 65		39		65		39	
P 15 70		42		70		42	
P 16 75		45		75		45	
P 17 80		48		80		48	
P 18 85		51		85		51	
P 19 90		54		90		54	
P 20 95		57		95		57	
100		60		100		60	

4331
15404



Tool Open: 1st Flow 30 mins: Shut-in Initial 30 min: 2nd Flow 60 min: Shut-in Final 30 min

	Field Reading	Corrected Reading
(A) Initial Hydrostatic Pressure	<u>1656</u>	<u>1645</u>
(B) Initial 1st Flow Pressure	<u>65</u>	<u>59</u>
(C) Final 1st Flow Pressure	<u>87</u>	<u>81</u>
(D) Initial Shut-in Pressure	<u>868</u>	<u>879</u>
(E) Initial 2nd Flow Pressure	<u>87</u>	<u>89</u>
(F) Final 2nd Flow Pressure	<u>109</u>	<u>109</u>
(G) Final Shut-in Pressure	<u>868</u>	<u>879</u>
(H) Final Hydrostatic Pressure	<u>1645</u>	<u>1593</u>

15104

DST REPORT

GENERAL INFORMATION

DATE : 9/5/74
CUSTOMER : BIG J PRODUCTION CO
WELL : 1 TEST: 2
ELEVATION:
SECTION :
RANGE : COUNTY:
GAUGE SN#: RANGE :

TICKET : 15404
LEASE : NEUFELD
GEOLOGIST:
FORMATION:
TOWNSHIP :
STATE :
CLOCK :

WELL INFORMATION

PERFORATION INTERVAL FROM: 2978.00 ft TO: 2990.00 ft TVD: 2990.0 ft
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL
DEPTH OF RECORDERS: 0.0 ft 0.0 ft
TEMPERATURE: 103.0

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 :	0.0 ft	I.D.:	0.000 in
TEST TOOL LENGTH :	0.0 ft	TOOL SIZE :	0.000 in
ANCHOR LENGTH :	0.0 ft	ANCHOR SIZE:	0.000 in
SURFACE CHOKE SIZE :	0.000 in	BOTTOM CHOKE SIZE:	0.000 in
MAIN HOLE SIZE :	0.000 in	TOOL JOINT SIZE :	0.5XH
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in

MUD INFORMATION

DRILLING CON. :
MUD TYPE :
WEIGHT : 10.000 ppg
CHLORIDES : 0 ppm
JARS-MAKE :
DID WELL FLOW?: NO

VISCOSITY : 50.00 cp
WATER LOSS: 10.000 cc

SERIAL NUMBER:
REVERSED OUT?: NO

COMMENTS

Comment

GAS TO SURFACE IN 3 MINUTES.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
125.0	0.0	0.0	0.0	100.0	MUD

RATE INFORMATION

OIL VOLUME:	0.0000 STB	TOTAL FLOW TIME:	90.0000 min.
GAS VOLUME:	0.0000 SCF	AVERAGE OIL RATE:	0.0000 STB/D
MUD VOLUME:	0.0000 STB	AVERAGE WATER RATE:	0.0000 STB/D
WATER VOLUME:	0.0000 STB		
TOTAL FLUID :	0.0000 STB		

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1656.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	65.00	87.00
INITIAL SHUT-IN	30.00		868.00
FINAL FLOW	60.00	87.00	109.00
FINAL SHUT-IN	30.00		868.00

FINAL HYDROSTATIC PRESSURE: 1645.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1652.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	66.00	87.00
INITIAL SHUT-IN	30.00		892.00
FINAL FLOW	60.00	107.00	124.00
FINAL SHUT-IN	30.00		890.00

FINAL HYDROSTATIC PRESSURE: 1592.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 9/5/74	TICKET : 15404
CUSTOMER : BIG J PRODUCTION CO	LEASE : NEUFELD
WELL : 1	GEOLOGIST:
ELEVATION:	FORMATION:
SECTION :	TOWNSHIP :
RANGE :	STATE :
GAUGE SN#:	CLOCK :
TEST: 2	
COUNTY:	
RANGE :	

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	66.00	66.00
5.00	68.00	2.00
10.00	70.00	2.00
15.00	74.00	4.00
20.00	79.00	5.00
25.00	83.00	4.00
30.00	87.00	4.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	856.00	856.00	0.00
6.00	884.00	28.00	0.00
9.00	885.00	1.00	0.00
12.00	886.00	1.00	0.00
15.00	887.00	1.00	0.00
18.00	888.00	1.00	0.00
21.00	889.00	1.00	0.00
24.00	890.00	1.00	0.00
27.00	891.00	1.00	0.00
30.00	892.00	1.00	0.00

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	107.00	107.00

PRESSURE TRANSIENT REPORT (CONTINUED)

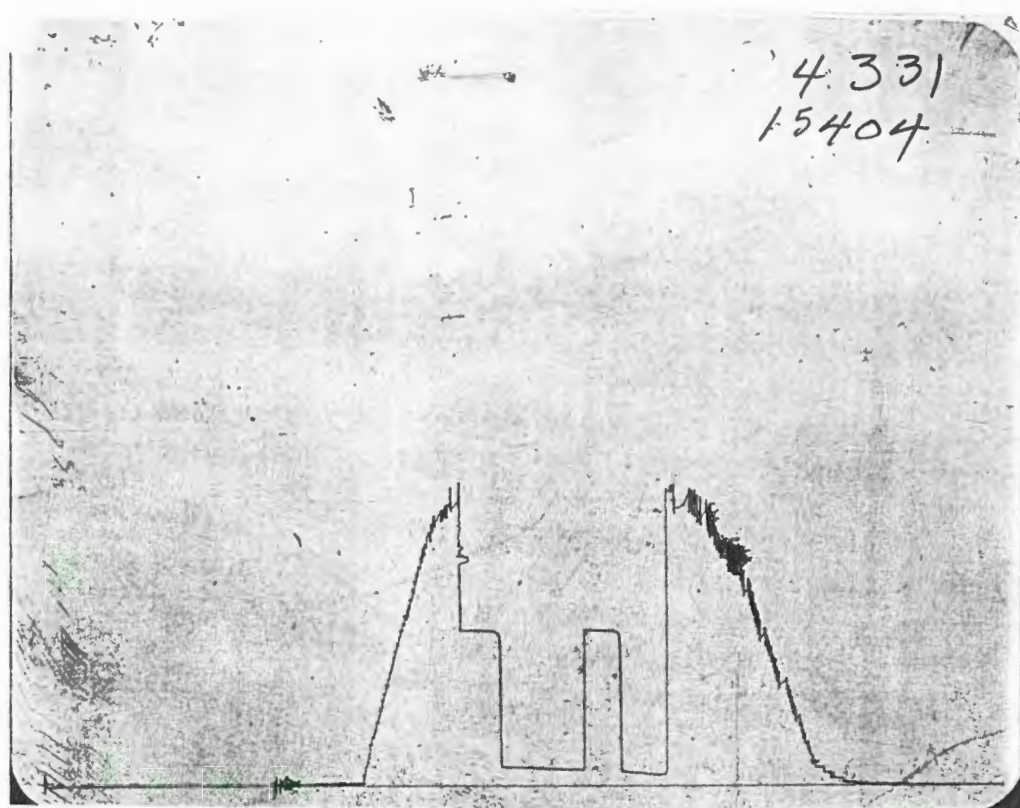
FINAL FLOW (CONTINUED)

Time (min)	Pressure	Delta P
5.00	109.00	2.00
10.00	111.00	2.00
15.00	113.00	2.00
20.00	115.00	2.00
25.00	117.00	2.00
30.00	118.00	1.00
35.00	119.00	1.00
40.00	120.00	1.00
45.00	121.00	1.00
50.00	122.00	1.00
55.00	123.00	1.00
60.00	124.00	1.00

FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	879.00	879.00	0.00
6.00	890.00	11.00	0.00
9.00	890.00	0.00	0.00
12.00	890.00	0.00	0.00
15.00	890.00	0.00	0.00
18.00	890.00	0.00	0.00
21.00	890.00	0.00	0.00
24.00	890.00	0.00	0.00
27.00	890.00	0.00	0.00
30.00	890.00	0.00	0.00

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15404



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DST REPORT

GENERAL INFORMATION

DATE	: 9/5/74	TICKET	: 823
CUSTOMER	: BIG J PRODUCTION CO	LEASE	: BONJOOR
WELL	: #1	TEST: 3	GEOLOGIST:
ELEVATION	: 1463 DF	FORMATION:	MISSISSIPPI
SECTION	: 35	TOWNSHIP	: 22
RANGE	: 2	STATE	:
GAUGE SN#	: 3088	CLOCK	: 12
COUNTY:	RANGE :		

WELL INFORMATION

PERFORATION INTERVAL FROM:	2987.00 ft	TO:	2991.00 ft	TVD:	2991.0 ft
DEPTH OF SELECTIVE ZONE:				TEST TYPE:	OIL
DEPTH OF RECORDERS:	0.0 ft		0.0 ft		
TEMPERATURE:	110.0				
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 :	0.0 ft	I.D.:		0.000 in	
TEST TOOL LENGTH :	0.0 ft	TOOL SIZE :		0.000 in	
ANCHOR LENGTH :	0.0 ft	ANCHOR SIZE:		0.000 in	
SURFACE CHOKE SIZE :	0.000 in	BOTTOM CHOKE SIZE:		0.000 in	
MAIN HOLE SIZE :	0.000 in	TOOL JOINT SIZE :		4.5XH	
PACKER DEPTH:	2975.0 ft	SIZE:		1.250 in	
PACKER DEPTH:	2980.0 ft	SIZE:		0.750 in	
PACKER DEPTH:	0.0 ft	SIZE:		0.000 in	
PACKER DEPTH:	0.0 ft	SIZE:		0.000 in	

MUD INFORMATION

DRILLING CON. :	RED TIGER	VISCOSITY :	42.00 cp
MUD TYPE :		WATER LOSS:	12.800 cc
WEIGHT :	9.600 ppg	SERIAL NUMBER:	
CHLORIDES :	0 ppm	REVERSED OUT?:	NO
JARS-MAKE :			
DID WELL FLOW?:	NO		

COMMENTS

Comment

GAS TO SURFACE IN 1 MINUTE - GUAGE 2319000 IN 10
MINUTES; 2441000 IN 20 MINUTES; 2441000 IN 30
SECOND OPERNING GUAGE 2558000 IN 10 MINUTES AND

DST REPORT (CONTINUED)

COMMENTS (CONTINUED)

Comment

STABLE THRU TEST.

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
30.0	0.0	0.0	100.0	0.0	WATER

RATE INFORMATION

OIL VOLUME: 0.0000 STB
 GAS VOLUME: 0.0000 SCF
 MUD VOLUME: 0.0000 STB
 WATER VOLUME: 0.0000 STB
 TOTAL FLUID : 0.0000 STB

TOTAL FLOW TIME: 60.0000 min.
 AVERAGE OIL RATE: 0.0000 STB/D
 AVERAGE WATER RATE: 0.0000 STB/D

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 0.00

Description	Duration	p1	p End
INITIAL FLOW	0.00	0.00	0.00
INITIAL SHUT-IN	0.00		0.00
FINAL FLOW	0.00	0.00	0.00
FINAL SHUT-IN	0.00		0.00

FINAL HYDROSTATIC PRESSURE: 0.00

DST REPORT (CONTINUED)

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 0.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	590.00	610.00
INITIAL SHUT-IN	30.00		887.00
FINAL FLOW	30.00	588.00	618.00
FINAL SHUT-IN	30.00		890.00

FINAL HYDROSTATIC PRESSURE: 0.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE	: 9/5/74	TICKET	: 823
CUSTOMER	: BIG J PRODUCTION CO	LEASE	: BONJOOR
WELL	: #1	TEST:	3
ELEVATION	: 1463 DF	GEOLOGIST:	
SECTION	: 35	FORMATION:	MISSISSIPPI
RANGE	: 2	TOWNSHIP	: 22
GAUGE SN#	: 3088	STATE	:
COUNTY:		CLOCK	: 12
RANGE	:		

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	590.00	590.00
5.00	592.00	2.00
10.00	599.00	7.00
15.00	602.00	3.00
20.00	605.00	3.00
25.00	608.00	3.00
30.00	610.00	2.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	883.00	883.00	0.00
6.00	883.00	0.00	0.00
9.00	884.00	1.00	0.00
12.00	884.00	0.00	0.00
15.00	885.00	1.00	0.00
18.00	885.00	0.00	0.00
21.00	886.00	1.00	0.00
24.00	886.00	0.00	0.00
27.00	887.00	1.00	0.00
30.00	887.00	0.00	0.00

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	588.00	588.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
5.00	640.00	52.00
10.00	633.00	-7.00
15.00	628.00	-5.00
20.00	624.00	-4.00
25.00	620.00	-4.00
30.00	618.00	-2.00

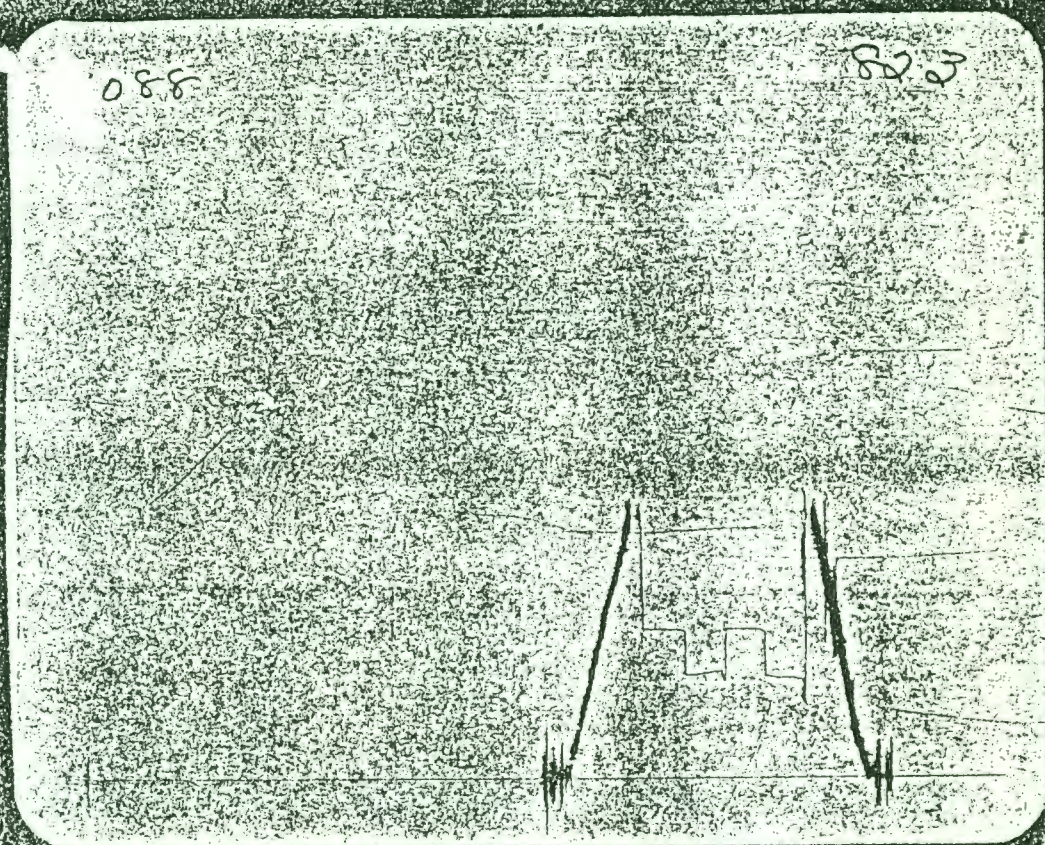
FINAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	885.00	885.00	0.00
6.00	886.00	1.00	0.00
9.00	886.00	0.00	0.00
12.00	887.00	1.00	0.00
15.00	887.00	0.00	0.00
18.00	888.00	1.00	0.00
21.00	888.00	0.00	0.00
24.00	889.00	1.00	0.00
27.00	889.00	0.00	0.00
30.00	890.00	1.00	0.00

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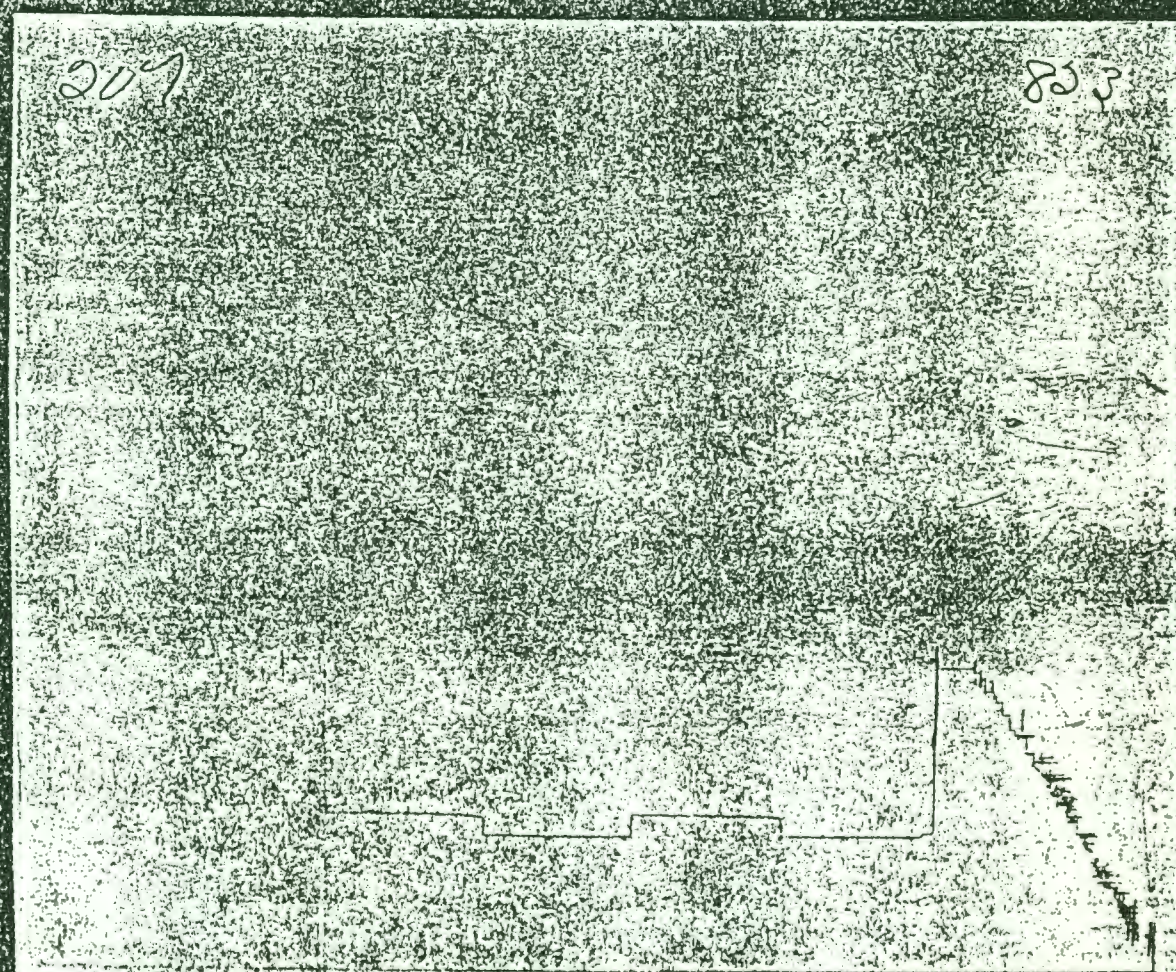
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823



207

823



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DST REPORT

GENERAL INFORMATION

DATE : 9/5/74
CUSTOMER : BIG J PRODUCTION CO
WELL : 1 TEST: 2
ELEVATION:
SECTION : 35
RANGE : 2 COUNTY:
GAUGE SN#: 3088 RANGE : 4500

TICKET : 822
LEASE : BON JOOR
GEOLOGIST:
FORMATION: MISSISSIPPI
TOWNSHIP : 22
STATE :
CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 2940.00 ft TO: 2985.00 ft TVD: 2985.0 ft
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL
DEPTH OF RECORDERS: 2977.0 ft 2981.0 ft
TEMPERATURE: 104.0

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 :	0.0 ft	I.D.:	0.000 in
TEST TOOL LENGTH :	0.0 ft	TOOL SIZE :	0.000 in
ANCHOR LENGTH :	0.0 ft	ANCHOR SIZE:	0.000 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:	2940.0 ft	SIZE:	6.750 in
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in

MUD INFORMATION

DRILLING CON. : RED TIGER
MUD TYPE :
WEIGHT : 9.600 ppg
CHLORIDES : 0 ppm
JARS-MAKE :
DID WELL FLOW?: NO

VISCOSITY : 42.00 cp
WATER LOSS: 12.800 cc

SERIAL NUMBER:
REVERSED OUT?: NO

COMMENTS

Comment

GAS TO SURFACE IN 25 MINUTES. GAUGE SECOND OPENING
17900 IN 10 MINUTES AND STABLE THRU TEST.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
70.0	0.0	0.0	0.0	100.0	MUD

RATE INFORMATION

OIL VOLUME:	0.0000	STB	TOTAL FLOW TIME:	60.0000	min.
GAS VOLUME:	0.0000	SCF	AVERAGE OIL RATE:	0.0000	STB/D
MUD VOLUME:	0.0000	STB	AVERAGE WATER RATE:	0.0000	STB/D
WATER VOLUME:	0.0000	STB			
TOTAL FLUID :	0.0000	STB			

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 0.00

Description	Duration	p1	p End
INITIAL FLOW	0.00	0.00	0.00
INITIAL SHUT-IN	0.00		0.00
FINAL FLOW	0.00	0.00	0.00
FINAL SHUT-IN	0.00		0.00

FINAL HYDROSTATIC PRESSURE: 0.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1582.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	56.00	62.00
INITIAL SHUT-IN	30.00		858.00
FINAL FLOW	30.00	78.00	78.00
FINAL SHUT-IN	30.00		842.00

FINAL HYDROSTATIC PRESSURE: 1525.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 9/5/74	TICKET : 822
CUSTOMER : BIG J PRODUCTION CO	LEASE : BON JOOR
WELL : 1	TEST: 2
ELEVATION:	GEOLOGIST:
SECTION : 35	FORMATION: MISSISSIPPI
RANGE : 2	TOWNSHIP : 22
GAUGE SN#: 3088	STATE :
COUNTY:	CLOCK : 12
RANGE : 4500	

INITIAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	56.00	56.00
5.00	57.00	1.00
10.00	58.00	1.00
15.00	59.00	1.00
20.00	60.00	1.00
25.00	61.00	1.00
30.00	62.00	1.00

INITIAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	234.00	234.00	0.00
6.00	509.00	275.00	0.00
9.00	673.00	164.00	0.00
12.00	752.00	79.00	0.00
15.00	802.00	50.00	0.00
18.00	827.00	25.00	0.00
21.00	838.00	11.00	0.00
24.00	845.00	7.00	0.00
27.00	854.00	9.00	0.00
30.00	858.00	4.00	0.00

FINAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	78.00	78.00

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PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW (CONTINUED)

Time (min)	Pressure	Delta P
5.00	78.00	0.00
10.00	78.00	0.00
15.00	78.00	0.00
20.00	78.00	0.00
25.00	78.00	0.00
30.00	78.00	0.00

FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	250.00	250.00	0.00
6.00	488.00	238.00	0.00
9.00	617.00	129.00	0.00
12.00	696.00	79.00	0.00
15.00	764.00	68.00	0.00
18.00	795.00	31.00	0.00
21.00	813.00	18.00	0.00
24.00	831.00	18.00	0.00
27.00	838.00	7.00	0.00
30.00	842.00	4.00	0.00

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