TRILOBITE TESTING COMPANY, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

ell Name BEFORT #23-2 Test No. 1 Date 2/11/92

mpany DOWNING NELSON OIL COMPANY Zone Tested N/A

ldress P.O. BOX 372 HAYS KANSAS Elevation 2130 G.L.

. Rep./Geo. MR RON NELSON Cont. EMPHASIS #5 Est. Ft. of Pay

cation: Sec. 23 Twp. 14S Rge. 20W Co. ELLIS State KS

terval Tested 3409-3492 Drill Pipe Size 4.5 XH

nchor Length 83 Wt. Pipe I.D. - 2.7 Ft. Run

ıp Packer Depth 3404 Drill Collar — 2.25 Ft. Run

ottom Packer Depth 3409

ıtal Depth 3492

ud Wt. 9 lb / gal. Viscosity 47 Filtrate 8

ool Open @ 12:10 PM Initial Blow WEAK THROUGHOUT-2" IN 30 MINUTES

nal Blow SAME AS INITIAL

ecovery — Total Feet 60 Flush Tool? NO

ec. 60 Feet of GAS IN PIPE

ec. 60 Feet of OIL CUT MUD-30%OIL/70%MUD

ec. Feet of

ec. Feet of

ec. Feet of

HT 98 °F Gravity °API @ °F Corrected Gravity °API

V @ °F Chlorides ppm Recovery Chlorides 6000 ppm System

Initial Hydrostatic Mud 1710.3 PSI AK1 Recorder No. 13851 Range 4425

First Initial Flow Pressure 54.5 PSI @ (depth) 3419 w/Clock No. 25813

First Final Flow Pressure 54.5 PSI AK1 Recorder No. 13850 Range 4325

Initial Shut-in Pressure 152.6 PSI @ (depth 3492 w/Clock No. 25814

Second Initial Flow Pressure 64.7 PSI AK1 Recorder No. Range

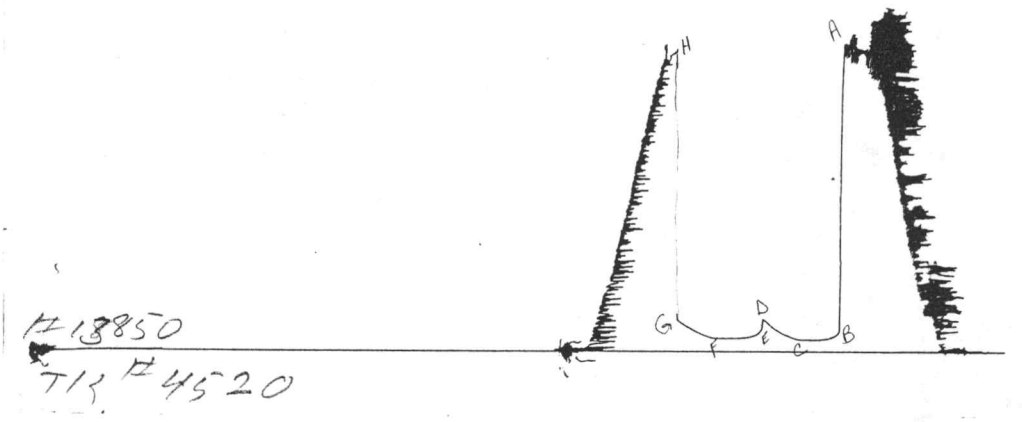
Second Final Flow Pressure 64.7 PSI @ (depth) w/Clock No.

Final Shut-in Pressure 151.5 PSI Initial Opening 30 Final Flow 30

Final Hydrostatic Mud 1708.9 PSI Initial Shut-in 30 Final Shut-in 30

ır Representative HARRY SCHMIDT TOTAL PRICE $ 550

ntcraft Printers - Hays, KS



This is an actual photograph of recorder chart

POINT	PRESSURE	
	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1707	1710.3
(B) FIRST INITIAL FLOW PRESSURE	50	54.5
(C) FIRST FINAL FLOW PRESSURE	50	54.5
(D) INITIAL CLOSED-IN PRESSURE	150	152.6
(E) SECOND INITIAL FLOW PRESSURE	60	64.7
(F) SECOND FINAL FLOW PRESSURE	60	64.7
(G) FINAL CLOSED-IN PRESSURE	150	151.5
(H) FINAL HYDROSTATIC MUD	1700	1708.9

TRILOBITE TESTING COMPANY L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

№ 4520

Well Name & No. BEFORT #23-2 Test No. ONE Date 2-11-92

Company DOWNING-NELSON OIL CO. INC. Zone Tested

Address P.O.B. 372 HAYS KS, 67601 Elevation 2130 G.L.

Co. Rep./Geo. GATOR Cont. EMPHASIS #5 Est. Ft. of Pay

Location: Sec. 23 Twp. 14S Rge. 20W Co. ELLIS State KS

No. of Copies 5 Distribution Sheet ____ Yes ____ (No) Turnkey ____ Yes ____ (No) Evaluation

Interval Tested 3409 TO 3492 Drill Pipe Size 4½" X.H.

Anchor Length 83' Top Choke — 1" ____ Bottom Choke — ¾" ____

Top Packer Depth 3404 Hole Size — 7⅞" ____ Rubber Size — 6¾" ____

Bottom Packer Depth 3409 Wt. Pipe I.D. — 2.7 Ft. Run ____

Total Depth 3492 Drill Collar — 2.25 Ft. Run ____

Mud Wt. 9.0 lb / gal. Viscosity 47 Filtrate 8.0

Tool Open @ 12:10 P Initial Blow WEAK THROUGHOUT 2" IN 30 MIN.

Final Blow SAME AS INITIAL

Recovery — Total Feet 60 Feet of Gas in Pipe 60 Flush Tool? NO

Rec. 60 Feet Of O.C.M %gas 30 %oil %water 70 %mud

Rec. ____ Feet Of ____ %gas ____ %oil ____ %water ____ %mud

Rec. ____ Feet Of ____ %gas ____ %oil ____ %water ____ %mud

Rec. ____ Feet Of ____ %gas ____ %oil ____ %water ____ %mud

Rec. ____ Feet Of ____ %gas ____ %oil ____ %water ____ %mud

BHT 98 °F Gravity ____ °API @ ____ °F Corrected Gravity ____ °API

RW ____ @ ____ °F Chlorides ____ ppm Recovery Chlorides 6,000 ppm System

(A) Initial Hydrostatic Mud 1707 PSI AK1 Recorder No. 13851 Range 4425

(B) First Initial Flow Pressure 50 PSI @ (depth) 3419 w/Clock No. 25813

(C) First Final Flow Pressure 50 PSI AK1 Recorder No. 13850 Range 4325

(D) Initial Shut-In Pressure 150 PSI @ (depth) 3492 w/Clock No. 25814

(E) Second Initial Flow Pressure 60 PSI AK1 Recorder No. ____ Range ____

(F) Second Final Flow Pressure 60 PSI @ (depth) ____ w/Clock No. ____

(G) Final Shut-In Pressure 150 PSI Initial Opening 30 Test 550 00

(H) Final Hydrostatic Mud 1700 PSI Initial Shut-In 30 Jars 200 00

Final Flow 30 Safety Joint 50 00

Final Shut-In 30 Straddle 250 00

Circ. Sub 35 00

Sampler 200 00

Extra Packer 150 00

Other MILEAGE RT.

TOTAL PRICE $ 550 00

Approved By Gator

Our Representative

Printcraft Printers - Hays, KS

TRILOBITE TESTING COMPANY, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name BEFORT #23-2 Test No. 2 Date 2/12/92

Company DOWNING NELSON OIL COMPANY Zone Tested H & J

Address P.O. BOX 372 HAYS KANSAS Elevation 2130 G.L.

Co. Rep./Geo. MR RON NELSON Cont. EMPHASIS #5 Est. Ft. of Pay

Location: Sec. 23 Twp. 14S Rge. 20W Co. ELLIS State KS

Interval Tested 3527-3610 Drill Pipe Size 4.5 XH

Anchor Length 83 Wt. Pipe I.D. - 2.7 Ft. Run

Top Packer Depth 3522 Drill Collar — 2.25 Ft. Run

Bottom Packer Depth 3527

Total Depth 3610

Mud Wt. 9 lb / gal. Viscosity 47 Filtrate 8

Tool Open @ 5:15 AM Initial Blow FAIR-BOTTOM OF BUCKET IN 12 MINUTES

Final Blow WEAK TO FAIR-2" THROUGHOUT BLOW

Recovery — Total Feet 90 Flush Tool? NO

Rec. 210 Feet of GAS IN PIPE

Rec. 90 Feet of OIL CUT MUD-20%OIL/80%MUD

Rec. Feet of

Rec. Feet of

Rec. Feet of

BHT 100 °F Gravity °API @ °F Corrected Gravity °API

RW @ °F Chlorides ppm Recovery Chlorides 6000 ppm System

(A) Initial Hydrostatic Mud 1777.5 PSI AK1 Recorder No. 13851 Range 4425

(B) First Initial Flow Pressure 64.7 PSI @ (depth) 3537 w/Clock No. 27585

(C) First Final Flow Pressure 75.9 PSI AK1 Recorder No. 13850 Range 4325

(D) Initial Shut-in Pressure 83.2 PSI @ (depth 3610 w/Clock No. 25813

(E) Second Initial Flow Pressure 75.9 PSI AK1 Recorder No. Range

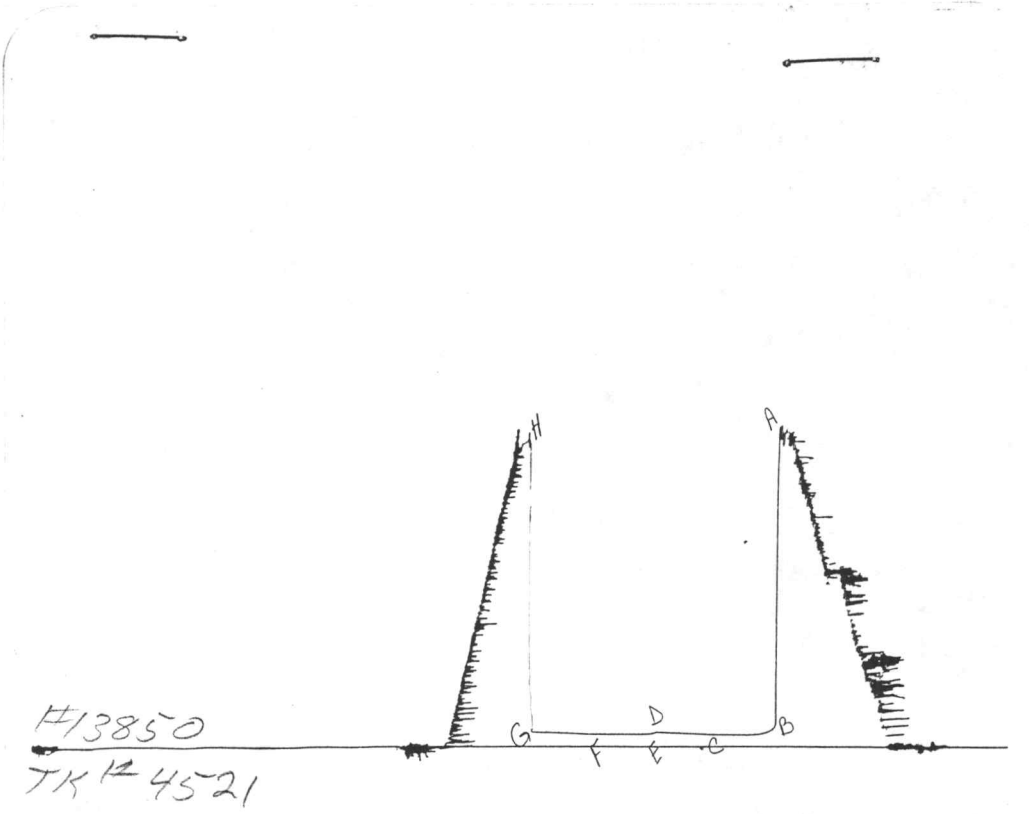
(F) Second Final Flow Pressure 75.9 PSI @ (depth) w/Clock No.

(G) Final Shut-in Pressure 83.2 PSI Initial Opening 45 Final Flow 45

(H) Final Hydrostatic Mud 1766.8 PSI Initial Shut-in 45 Final Shut-in 45

Our Representative HARRY SCHMIDT TOTAL PRICE $ 550

Printcraft Printers - Hays, KS



This is an actual photograph of recorder chart

POINT	PRESSURE FIELD READING	PRESSURE OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1763	1777.5
(B) FIRST INITIAL FLOW PRESSURE	60	64.7
(C) FIRST FINAL FLOW PRESSURE	70	75.9
(D) INITIAL CLOSED-IN PRESSURE	80	83.2
(E) SECOND INITIAL FLOW PRESSURE	70	75.9
(F) SECOND FINAL FLOW PRESSURE	70	75.9
(G) FINAL CLOSED-IN PRESSURE	80	83.2
(H) FINAL HYDROSTATIC MUD	1763	1766.8

TRILOBITE TESTING COMPANY L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

№ 4521

Well Name & No. BEFORT #23-2 Test No. TWO Date 2-12-92

Company DOWNING-NELSON OIL CO. INC. Zone Tested L. J.

Address P.O.B. 372 HAYS KS 67601 Elevation 2130 G.L.

Co. Rep./Geo. GATOR NELSON Cont. EMPHASIS #5 Est. Ft. of Pay

Location: Sec. 23 Twp. 14S Rge. 20W Co. ELLIS State KS

No. of Copies 5 Distribution Sheet ____ Yes ____ (No) Turnkey ____ Yes ____ (No) Evaluation

Interval Tested 3527 TO 3610 Drill Pipe Size 4½" XH

Anchor Length 83' Top Choke — 1" ____ Bottom Choke — ¾" ____

Top Packer Depth 3522 Hole Size — 7⅞" ____ Rubber Size — 6¾" ____

Bottom Packer Depth 3527 Wt. Pipe I.D. — 2.7 Ft. Run ____

Total Depth 3610 Drill Collar — 2.25 Ft. Run ____

Mud Wt. 9.0 lb/gal. Viscosity 47 Filtrate 9.0

Tool Open @ 5:15 A Initial Blow FAIR BOT. BUCKET IN 12 MIN.

Final Blow WEAK TO FAIR 2" THROUGHOUT BLOW

Recovery — Total Feet 90 Feet of Gas in Pipe 210 Flush Tool? NO

Rec. 90	Feet Of O.C.M.	%gas 20	%oil	%water 80	%mud		
Rec.	Feet Of	%gas	%oil	%water	%mud		
Rec.	Feet Of	%gas	%oil	%water	%mud		
Rec.	Feet Of	%gas	%oil	%water	%mud		
Rec.	Feet Of	%gas	%oil	%water	%mud		

BHT 100 °F Gravity ____ °API @ ____ °F Corrected Gravity ____ °API

RW ____ @ ____ °F Chlorides ____ ppm Recovery Chlorides 6,000 ppm System

(A) Initial Hydrostatic Mud	1763 PSI	AK1 Recorder No.	13851	Range	4425
(B) First Initial Flow Pressure	60 PSI	@ (depth)	3537	w/Clock No.	27585
(C) First Final Flow Pressure	70 PSI	AK1 Recorder No.	13850	Range	4325
(D) Initial Shut-In Pressure	80 PSI	@ (depth)	3610	w/Clock No.	25813
(E) Second Initial Flow Pressure	70 PSI	AK1 Recorder No.		Range	
(F) Second Final Flow Pressure	70 PSI	@ (depth)		w/Clock No.	
(G) Final Shut-In Pressure	80 PSI	Initial Opening	45"	Test	550.00
(H) Final Hydrostatic Mud	1763 PSI	Initial Shut-In	45"	Jars	
		Final Flow	45"	Safety Joint	
		Final Shut-In	45"	Straddle	
				Circ. Sub	
				Sampler	
				Extra Packer	
				Other	
				TOTAL PRICE $	550.00

Approved By ____

Our Representative ____

Printcraft Printers - Hays, KS

TRILOBITE TESTING COMPANY, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name BEFORT #23-2 Test No. 3 Date 2/13/92

Company DOWNING NELSON OIL COMPANY Zone Tested ARBUCKLE

Address P.O. BOX 372 HAYS KANSAS Elevation 2130 G.L.

Co. Rep./Geo. MR RON NELSON Cont. EMPHASIS #5 Est. Ft. of Pay

Location: Sec. 23 Twp. 14S Rge. 20W Co. ELLIS State KS

Interval Tested 3740-3761 Drill Pipe Size 4.5 XH

Anchor Length 21 Wt. Pipe I.D. - 2.7 Ft. Run 300

Top Packer Depth 3735 Drill Collar — 2.25 Ft. Run

Bottom Packer Depth 3740

Total Depth 3761

Mud Wt. 9.2 lb / gal. Viscosity 44 Filtrate 8.8

Tool Open @ 4:30 AM Initial Blow VERY GOOD-BOTTOM OF BUCKET IN 2 MINUTES
VERY WEAK BLOW BACK

Final Blow SAME AS INITIAL

Recovery — Total Feet 1930 Flush Tool? NO

Rec. 1810 Feet of CLEAN OIL

Rec. 120 Feet of MUD CUT OIL-60%OIL/40%MUD

Rec. Feet of

Rec. Feet of

Rec. Feet of

BHT 120 °F Gravity 28 °API @ 60 °F Corrected Gravity 28 °API

RW @ °F Chlorides ppm Recovery Chlorides 6000 ppm System

(A) Initial Hydrostatic Mud 1940.2 PSI Ak1 Recorder No. 13851 Range 4425

(B) First Initial Flow Pressure 114.9 PSI @ (depth) 3745 w/Clock No. 27585

(C) First Final Flow Pressure 497.5 PSI AK1 Recorder No. 13850 Range 4325

(D) Initial Shut-in Pressure 1194.7 PSI @ (depth 3761 w/Clock No. 25813

(E) Second Initial Flow Pressure 560.3 PSI AK1 Recorder No. Range

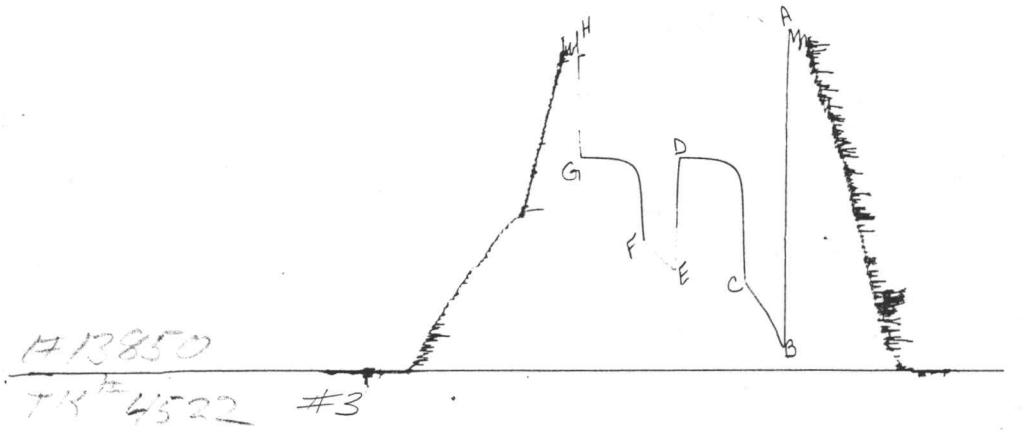
(F) Second Final Flow Pressure 711.2 PSI @ (depth) w/Clock No.

(G) Final Shut-in Pressure 1192.5 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 1920.4 PSI Initial Shut-in 45 Final Shut-in 45

Our Representative HARRY SCHMIDT TOTAL PRICE $ 550

Printcraft Printers - Hays, KS



This is an actual photograph of recorder chart

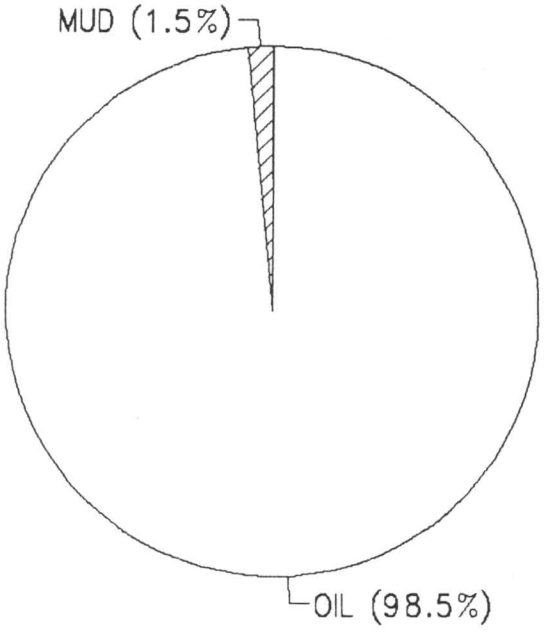
POINT	PRESSURE FIELD READING	PRESSURE OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1918	1940.2
(B) FIRST INITIAL FLOW PRESSURE	111	114.9
(C) FIRST FINAL FLOW PRESSURE	488	497.5
(D) INITIAL CLOSED-IN PRESSURE	1189	1194.7
(E) SECOND INITIAL FLOW PRESSURE	554	560.3
(F) SECOND FINAL FLOW PRESSURE	707	711.2
(G) FINAL CLOSED-IN PRESSURE	1189	1192.5
(H) FINAL HYDROSTATIC MUD	1918	1920.4

CALCULATED RECOVERY ANALYSIS

DST # 3 TICKET # 4522

SAMPLE		TOTAL	GAS		OIL		WATER		MUD
	#	FEET	% FEET	%	FEET	%	FEET	%	FEET
DRILL	1	1630	0	100	1630		0		0
PIPE	2		0		0		0		0
	3		0		0		0		0
	4		0		0		0		0
	5		0		0		0		0
	6		0		0		0		0
WEIGHT	1	180	0	100	180		0		0
PIPE	2	120	0	60	72		0	40	48
	3		0		0		0		0
	4		0		0		0		0
DRILL	1		0		0		0		0
COLLAR	2		0		0		0		0
	3		0		0		0		0
	4		0		0		0		0
	5		0		0		0		0
TOTAL		1930	0		1882		0		48

			HRS OPEN	BBL/DAY
BBL OIL=	24.9426	*	1	598.622
BBL WATER	0	*		0
BBL MUD=	0.3744			
BBL GAS =	0			



TRILOBITE TESTING COMPANY L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

№ 4522

Well Name & No. BEFORT #23-2 Test No. THREE Date 2-13-92

Company DOWNING-NELSON OIL CO. INC. Zone Tested ARB.

Address P.O.B. 372 HAYS KS. 67601 Elevation 2130 G.L.

Co. Rep./Geo. GATOR NELSON Cont. EMPHASIS #5 Est. Ft. of Pay

Location: Sec. 23 Twp. 14S Rge. 20W Co. ELLIS State KS

No. of Copies 5 Distribution Sheet ____ Yes ____ (No) Turnkey ____ Yes ____ (No) ____ Evaluation

Interval Tested 3740 TO 3761 Drill Pipe Size 4½" XH

Anchor Length 21 Top Choke — 1" ____ Bottom Choke — ¾" ____

Top Packer Depth 3735 Hole Size — 7⅞" ____ Rubber Size — 6¾" ____

Bottom Packer Depth 3740 Wt. Pipe I.D. — 2.7 Ft. Run 300

Total Depth 3761 Drill Collar — 2.25 Ft. Run ____

Mud Wt. 9.2 lb / gal. Viscosity 44 Filtrate 8.8

Tool Open @ 4:30 A Initial Blow VERY GOOD, BOT. BUCKET IN 2 MIN. VERY WEAK BLOW BACK

Final Blow SAME AS INITIAL

Recovery — Total Feet 1930 Feet of Gas in Pipe — Flush Tool? NO

Rec. 1810	Feet Of CLEAN OIL	%gas	%oil	%water	%mud	
Rec.	Feet Of	%gas	%oil	%water	%mud	
300 Rec. 120	Feet Of MUD CUT OIL	%gas 60	%oil	%water 40	%mud	
Rec.	Feet Of	%gas	%oil	%water	%mud	
Rec.	Feet Of	%gas	%oil	%water	%mud	

BHT 120 °F Gravity 28 °API @ 60 °F Corrected Gravity 28 °API

RW ____ @ ____ °F Chlorides ____ ppm Recovery Chlorides 6000 ppm System

(A) Initial Hydrostatic Mud	1918 PSI	AK1 Recorder No.	13851	Range	4425
(B) First Initial Flow Pressure	111 PSI	@ (depth)	3745	w/Clock No.	27585
(C) First Final Flow Pressure	488 PSI	AK1 Recorder No.	13850	Range	4325
(D) Initial Shut-In Pressure	1189 PSI	@ (depth)	3761	w/Clock No.	25813
(E) Second Initial Flow Pressure	554 PSI	AK1 Recorder No.		Range	
(F) Second Final Flow Pressure	707 PSI	@ (depth)		w/Clock No.	
(G) Final Shut-In Pressure	1189 PSI	Initial Opening	30	Test	550
(H) Final Hydrostatic Mud	1918 PSI	Initial Shut-In	45	Jars	
		Final Flow	30	Safety Joint	
		Final Shut-In	45	Straddle	
				Circ. Sub	
				Sampler	
				Extra Packer	
				Other	
				TOTAL PRICE $	

Approved By ____

Our Representative [signature]

Printcraft Printers - Hays, KS