

# TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

## Drill-Stem Test Data

Well Name BEEN 'A' Test No. 1 Date 12/9/94  
Company BRITO OIL COMPANY INC Zone LK 'E'  
Address 120 S. MARKET, SUITE 300, WICHITA, KS 67202 Elevation 2965  
Co. Rep./Geo. RAUL BRITO Cont. BLUE GOOSE Est. Ft. of Pay \_\_\_\_\_  
Location: Sec. 4 Twp. 19S Rge. 33W Co. SCOTT State KANSA

Interval Tested <u>4000-4031</u>	Drill Pipe Size <u>4.5" XH</u>
Anchor Length <u>31</u>	Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth <u>3995</u>	Drill Collar - 2.25 Ft. Run <u>304</u>
Bottom Packer Depth <u>4000</u>	Mud Wt. <u>8.9</u> lb/Gal.
Total Depth <u>4031</u>	Viscosity <u>44</u> Filtrate <u>9.6</u>

Tool Open @ 2:25PM Initial Blow FAIR BLOW BUILDING TO 7-1/2". INITIAL SHUT IN - NO RETURN BLOW.

Final Blow WEAK TO FAIR 3" BLOW. FINAL SHUT IN - NO RETURN BLOW.

Recovery - Total Feet 300 Flush Tool? NO

Rec. 120 Feet of WATER CUT MUD. TRACE OIL; 10% WATER; 90% MUD.  
Rec. 180 Feet of MUDDY WATER. TRACE OIL; 70% WATER; 30% MUD.  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

BHT 112 °F Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
RW 0.4 @ 50 °F Chlorides 25000 ppm Recovery Chlorides 4500 ppm System

(A) Initial Hydrostatic Mud 1969.1 PSI AK1 Recorder No. 10332 Range 4050

(B) First Initial Flow Pressure 48.6 PSI @ (depth) 4002 w / Clock No. 26199

(C) First Final Flow Pressure 108.3 PSI AK1 Recorder No. 11086 Range 4350

(D) Initial Shut-in Pressure 991.8 PSI @ (depth) 4025 w / Clock No. 25114

(E) Second Initial Flow Pressure 127.5 PSI AK1 Recorder No. \_\_\_\_\_ Range \_\_\_\_\_

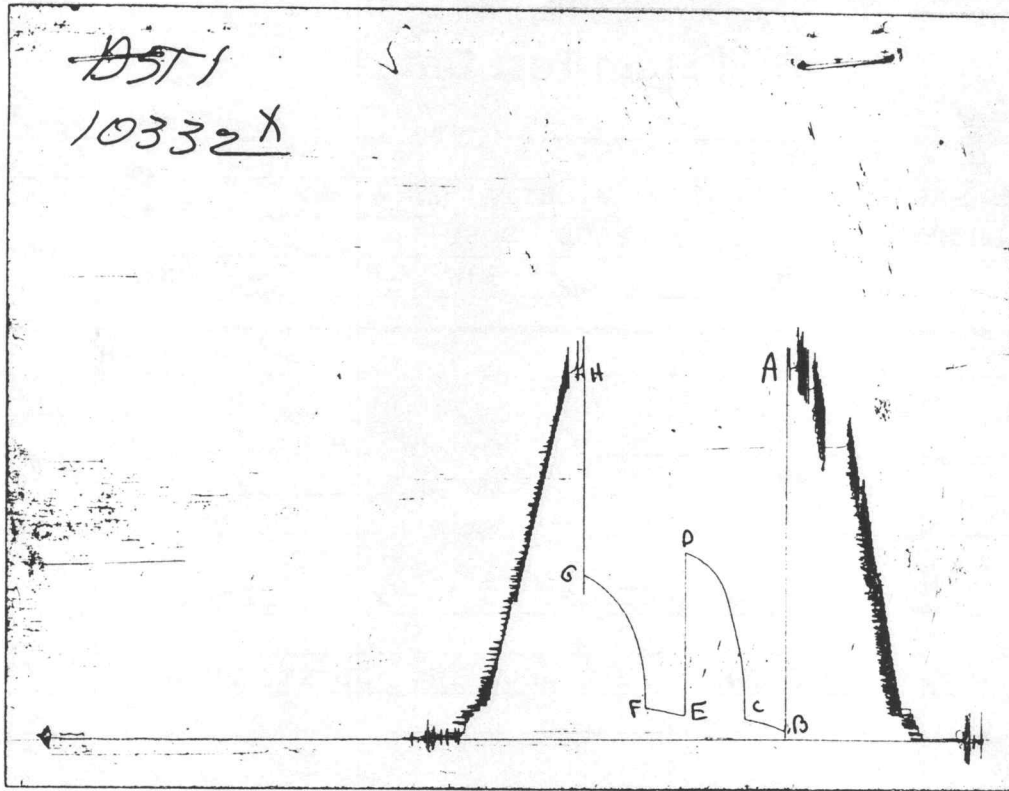
(F) Second Final Flow Pressure 167.0 PSI @ (depth) \_\_\_\_\_ w / Clock No. \_\_\_\_\_

(G) Final Shut-in Pressure 876.0 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 1941.8 PSI Initial Shut-in 45 Final Shut-in 45

Our Representative GARY SPEER

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1969.1	1969.1
(B) FIRST INITIAL FLOW PRESSURE	48.6	48.6
(C) FIRST FINAL FLOW PRESSURE	108.3	108.3
(D) INITIAL CLOSED-IN PRESSURE	991.8	991.8
(E) SECOND INITIAL FLOW PRESSURE	127.5	127.5
(F) SECOND FINAL FLOW PRESSURE	167	167
(G) FINAL CLOSED-IN PRESSURE	876	876
(H) FINAL HYDROSTATIC MUD	1941.8	1941.8

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## Drill-Stem Test Data

Well Name BEEN 'A' Test No. 2 Date 12/10/94  
Company BRITO OIL COMPANY INC Zone KC 'I' & 'J'  
Address 120 S. MARKET, SUITE 300, WICHITA, KS 67202 Elevation 2965  
Co. Rep./Geo. RAUL BRITO Cont. BLUE GOOSE Est. Ft. of Pay \_\_\_\_\_  
Location: Sec. 4 Twp. 19S Rge. 33W Co. SCOTT State KANSA

Interval Tested 4130-4200 Drill Pipe Size 4.5" XH  
Anchor Length 70 Wt. Pipe I.D. - 2.7 Ft. Run \_\_\_\_\_  
Top Packer Depth 4125 Drill Collar - 2.25 Ft. Run 304  
Bottom Packer Depth 4130 Mud Wt. 9.3 lb/Gal.  
Total Depth 4200 Viscosity 58 Filtrate 11.2

Tool Open @ 6:15AM Initial Blow BOTTOM OF BUCKET IN 2 MINUTES.

Final Blow BOTTOM OF BUCKET IN 3-1/2 MINUTES. REVERSED FLUID.

Recovery - Total Feet 2180 Flush Tool? NO

Rec. 2180 Feet of MUDDY WATER. TRACE OIL; 95% WATER; 5% MUD.  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

BHT 118 °F Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
RW 0.2 @ 50 °F Chlorides 50000 ppm Recovery Chlorides 6000 ppm System

(A) Initial Hydrostatic Mud 2056.0 PSI AK1 Recorder No. 10332 Range 4050

(B) First Initial Flow Pressure 168.0 PSI @ (depth) 4132 w / Clock No. 26199

(C) First Final Flow Pressure 687.0 PSI AK1 Recorder No. 11086 Range 4350

(D) Initial Shut-in Pressure 1181.5 PSI @ (depth) 4194 w / Clock No. 25114

(E) Second Initial Flow Pressure 706.3 PSI AK1 Recorder No. \_\_\_\_\_ Range \_\_\_\_\_

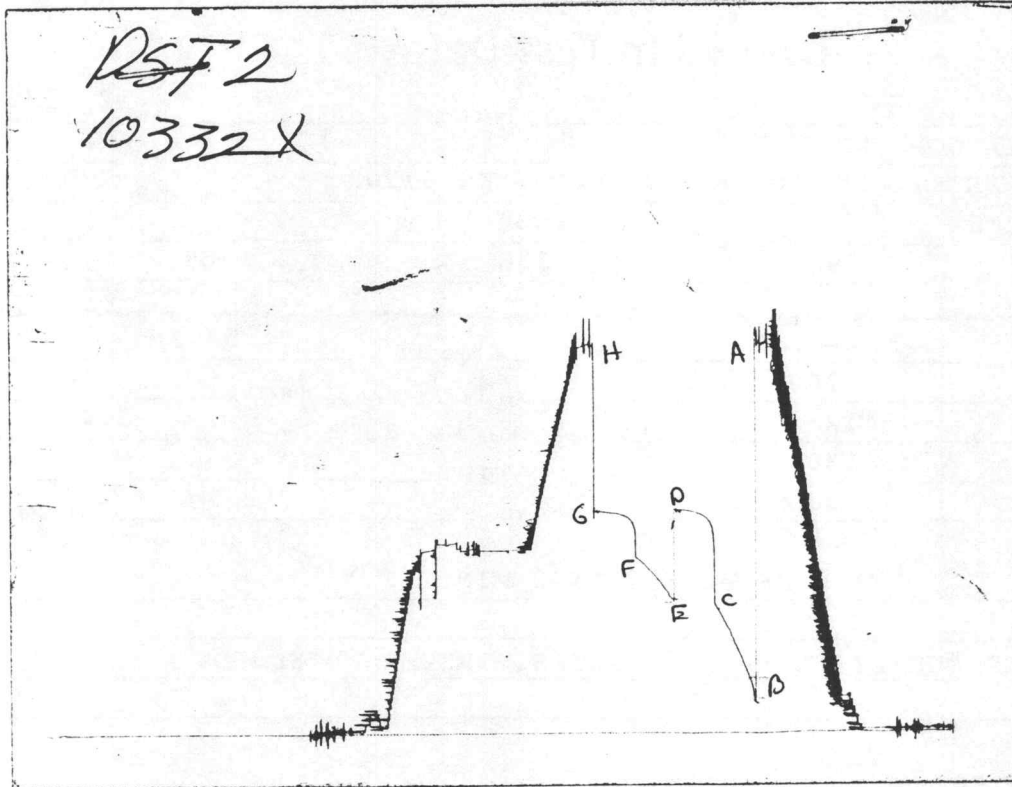
(F) Second Final Flow Pressure 928.8 PSI @ (depth) \_\_\_\_\_ w / Clock No. \_\_\_\_\_

(G) Final Shut-in Pressure 1175.4 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 2041.0 PSI Initial Shut-in 30 Final Shut-in 30

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CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2068	2056
(B) FIRST INITIAL FLOW PRESSURE	182	168
(C) FIRST FINAL FLOW PRESSURE	668	687
(D) INITIAL CLOSED-IN PRESSURE	1165	1181.5
(E) SECOND INITIAL FLOW PRESSURE	709	706.3
(F) SECOND FINAL FLOW PRESSURE	943	928.8
(G) FINAL CLOSED-IN PRESSURE	1165	1175.4
(H) FINAL HYDROSTATIC MUD	2048	2041

# TRILOBITE TESTING, L.L.C.

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## Drill-Stem Test Data

Well Name BEEN 'A' Test No. 3 Date 12/11/94  
Company BRITO OIL COMPANY INC Zone (LKC) 'L'  
Address 120 S. MARKET, SUITE 300, WICHITA, KS 67202 Elevation 2965  
Co. Rep./Geo. RAUL BRITO Cont. BLUE GOOSE Est. Ft. of Pay \_\_\_\_\_  
Location: Sec. 4 Twp. 19S Rge. 33W Co. SCOTT State KANSA

Interval Tested	<u>4255-4290</u>	Drill Pipe Size	<u>4.5" XH</u>
Anchor Length	<u>35</u>	Wt. Pipe I.D. - 2.7 Ft. Run	_____
Top Packer Depth	<u>4255</u>	Drill Collar - 2.25 Ft. Run	<u>304</u>
Bottom Packer Depth	<u>4290</u>	Mud Wt.	<u>9.3</u> lb/Gal.
Total Depth	<u>4328</u>	Viscosity	<u>45</u> Filtrate <u>10.4</u>

Tool Open @ 5:00AM Initial Blow BOTTOM OF BUCKET IN 1/2 MINUTES.

Final Blow BOTTOM OF BUCKET IN 1-1/2 MINUTES.

Recovery - Total Feet 2430 Flush Tool? NO

Rec. 2430 Feet of MUDDY WATER. 100% WATER.  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

BHT 119 °F Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
RW 0.33 @ 50 °F Chlorides 30000 ppm Recovery Chlorides 5000 ppm System

(A) Initial Hydrostatic Mud 2082.0 PSI AK1 Recorder No. 10332 Range 4050

(B) First Initial Flow Pressure 267.2 PSI @ (depth) 4280 w / Clock No. 26199

(C) First Final Flow Pressure 899.4 PSI AK1 Recorder No. 11086 Range 4350

(D) Initial Shut-in Pressure 1140.1 PSI @ (depth) 4285 w / Clock No. 25114

(E) Second Initial Flow Pressure 924.8 PSI AK1 Recorder No. 6730 Range 4100

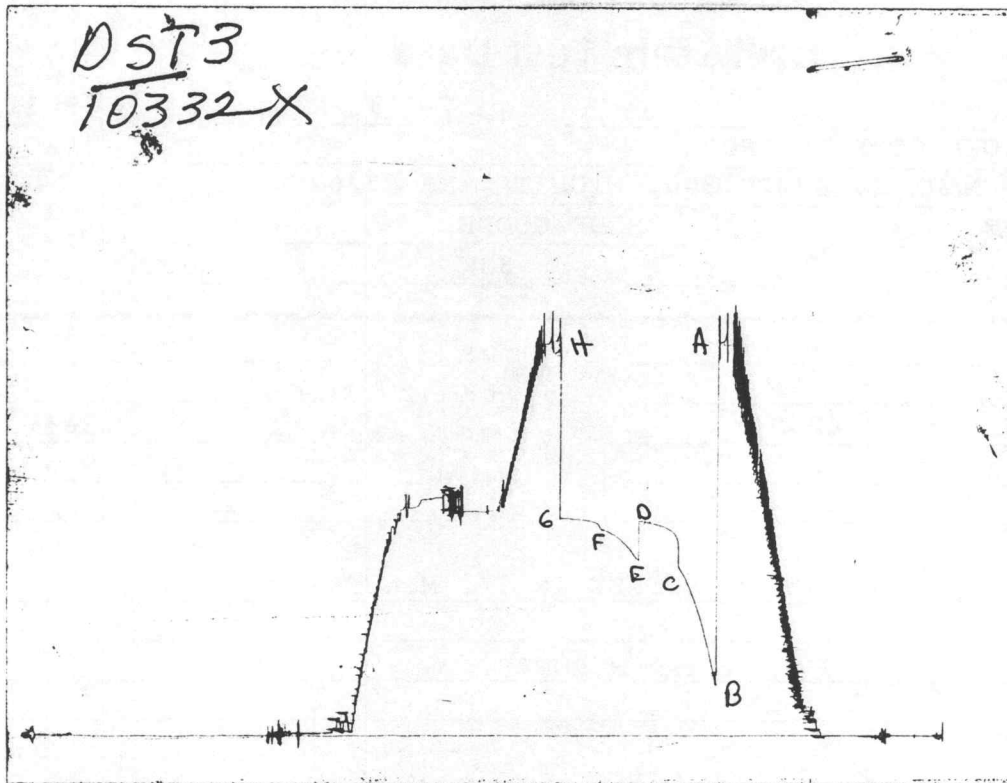
(F) Second Final Flow Pressure 1097.8 PSI @ (depth) 4327 w / Clock No. 25828

(G) Final Shut-in Pressure 1152.2 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 2072.0 PSI Initial Shut-in 30 Final Shut-in 30

Our Representative GARY SPEER

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2178	2082
(B) FIRST INITIAL FLOW PRESSURE	283	267.2
(C) FIRST FINAL FLOW PRESSURE	882	899.4
(D) INITIAL CLOSED-IN PRESSURE	1114	1140.1
(E) SECOND INITIAL FLOW PRESSURE	943	924.8
(F) SECOND FINAL FLOW PRESSURE	1185	1097.8
(G) FINAL CLOSED-IN PRESSURE	1155	1152.2
(H) FINAL HYDROSTATIC MUD	2178	2072

# TRILOBITE TESTING, L.L.C.

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## Drill-Stem Test Data

Well Name BEEN 'A' 1-4 Test No. 4 Date 12/11/94  
Company BRITO OIL COMPANY INC Zone MARMATON  
Address 1205 MARKET #300 WICHITA KS 67202 Elevation 2965  
Co. Rep./Geo. RAUL BRITO Cont. BLUE GOOSE Est. Ft. of Pay 4  
Location: Sec. 4 Twp. 19S Rge. 33W Co. SCOTT State KS

Interval Tested 4326-4390 Drill Pipe Size 4.5" XH  
Anchor Length 64 Wt. Pipe I.D. - 2.7 Ft. Run \_\_\_\_\_  
Top Packer Depth 4321 Drill Collar - 2.25 Ft. Run 304  
Bottom Packer Depth 4326 Mud Wt. 9.3 lb/Gal.  
Total Depth 4390 Viscosity 51 Filtrate 9.6

Tool Open @ 11:30PM Initial Blow BOTTOM OF BUCKET IN 5 MINUTES - FAIR BLOW  
ISI: VERY WEAK SURFACE BLOW  
Final Blow BOTTOM OF BUCKET IN 16 MINUTES  
FSI: VERY WEAK SURFACE BLOW

Recovery - Total Feet 740 Flush Tool? NO

Rec. 240 Feet of GAS IN PIPE  
Rec. 135 Feet of CLEAN GASSY OIL 10%GAS/90%OIL  
Rec. 245 Feet of GAS & OIL CUT MUD 10%GAS/30%OIL/60%MUD  
Rec. 360 Feet of OIL CUT MUDDY WATER 5%OIL/90%WATER/5%MUD  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

BHT 125 °F Gravity 24 °API @ 40 °F Corrected Gravity 26 °API  
RW 0.25 @ 50 °F Chlorides 40000 ppm Recovery Chlorides 5000 ppm System

(A) Initial Hydrostatic Mud 2169.2 PSI AK1 Recorder No. 10322 Range 4050

(B) First Initial Flow Pressure 102.6 PSI @ (depth) 4385 w / Clock No. 26199

(C) First Final Flow Pressure 251.1 PSI AK1 Recorder No. 11086 Range 4350

(D) Initial Shut-in Pressure 970.3 PSI @ (depth) 4330 w / Clock No. 25114

(E) Second Initial Flow Pressure 304.6 PSI AK1 Recorder No. \_\_\_\_\_ Range \_\_\_\_\_

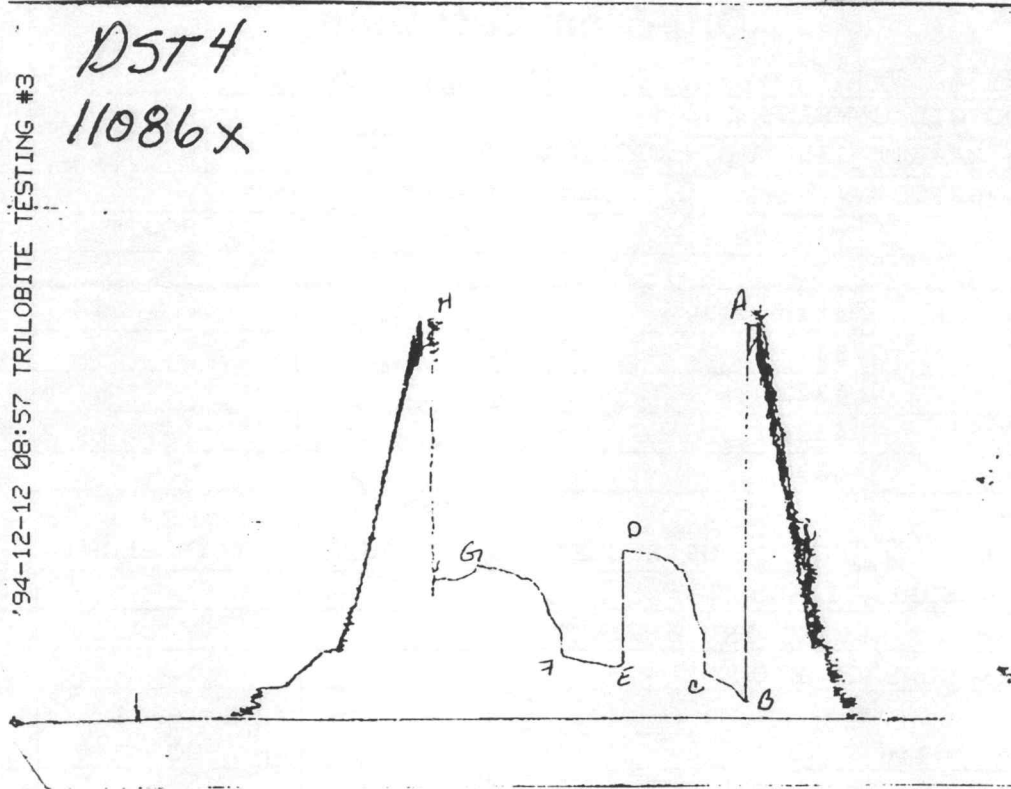
(F) Second Final Flow Pressure 359.2 PSI @ (depth) \_\_\_\_\_ w / Clock No. \_\_\_\_\_

(G) Final Shut-in Pressure 884.4 PSI Initial Opening 30 Final Flow 45

(H) Final Hydrostatic Mud 2133.2 PSI Initial Shut-in 60 Final Shut-in 90

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CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2185	2169.2
(B) FIRST INITIAL FLOW PRESSURE	109	102.6
(C) FIRST FINAL FLOW PRESSURE	240	251.1
(D) INITIAL CLOSED-IN PRESSURE	975	970.3
(E) SECOND INITIAL FLOW PRESSURE	305	304.6
(F) SECOND FINAL FLOW PRESSURE	360	359.2
(G) FINAL CLOSED-IN PRESSURE	876	884.4
(H) FINAL HYDROSTATIC MUD	2131	2133.2

COMPUTER OIL EVALUATION BY TRILOBITE TESTING, L.L.C.

BRITO OIL COMPANY INC

BEEN 'A' 1-4

DST 4

4 19S 33W

SCOTT KS

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ELEVATION:	2965	KB	EST. PAY	4	FT
DATUM:	-1366		ZONE TESTED:	MARMATON	
TEST INTERVAL:	4326-4390		TIME INTERVALS:	30-60-45-90	
RECORDER DEPTH:	4330		VISCOSITY:	18.56	CP
BOTTOM HOLE TEMP:	125		HOLE SIZE:	7.875	IN

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CUBIC FEET OF GAS IN PIPE:	19			
TOTAL FEET OF RECOVERY:	740.00	CORRECTED PIPE FILLUP:	923.393	
TOTAL BARRELS OF RECOVERY:	7.69	CORR. BARRELS OF RECOVERY:	10.294	BBL
BARRELS IN DRILL PIPE:	6.20	API GRAVITY:	26	
BARRELS IN WEIGHT PIPE:	0.00	FLUID GRADIENT:	0.389	
BARRELS IN DRILL COLLARS:	1.49			
GAS OIL RATIO:	2.49	CU.FT/BBL		
BUBBLE POINT PRESSURE:	25			
UNCORRECTED INITIAL PRODUCTION:			147.58	BBL
INITIAL PRODUCTION CORRECTED TO FINAL FLOW PRESSURE:			197.65	BBL/DAY
INITIAL PRODUCTION CORRECTED TO PSEUDO STEADY FLOW STATE:			84.175	

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INITIAL SLOPE	442.15	PSI/CYCL	FINAL SLOPE	398.36	PSI/CYCLE
INITIAL P*	1048.16	PSI	FINAL P*	1018.58	PSI

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TRANSMISSIBILITY	80.68	(MD.-FT./CP.)
PERMEABILITY	374.40	(MD.)
INDICATED FLOW CAPACITY	1497.60	(MD.FT)
PRODUCTIVITY INDEX	0.09	(BARREL/DAY/PSI)
DAMAGE RATIO	0.30	
RADIUS OF INVESTIGATION	167.57	(FT,)
POTENTIOMETRIC SURFACE	997.09	(FT.)
DRAWDOWN FACTOR	2.822	(%)
THEORETICAL POTENTIAL FROM FINAL FLOW PRESSURE	0.00	
THEORETICAL POTENTIAL FROM PSEUDO STEADY FLOW STATE	0.00	

INITIAL FLOW

DST # 4  
RECORDER 11086

TIME(MIN)	PRESSURE	<> PRESSURE
0	102.6	102.6
3	115.7	13.1
6	141.9	26.2
9	171.4	29.5
12	186.7	15.3
15	196.5	9.8
18	207.4	10.9
21	218.3	10.9
24	229.3	10.9
27	239.1	9.8
30	251.1	12.0

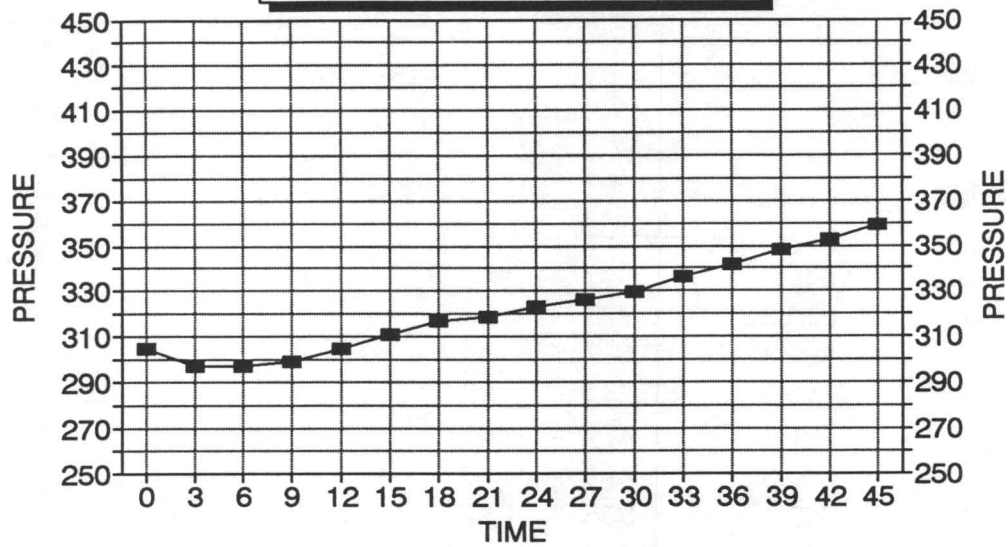
FINAL FLOW

DST # 4  
RECORDER 11086

TIME(MIN)	PRESSURE	<> PRESSURE
0	304.6	304.6
3	296.9	-7.6
6	296.9	0.0
9	299.1	2.2
12	304.6	5.5
15	311.1	6.6
18	316.6	5.5
21	318.8	2.2
24	323.1	4.4
27	326.4	3.3
30	329.7	3.3
33	336.2	6.6
36	341.7	5.5
39	348.3	6.6
42	352.6	4.4
45	359.2	6.6

# DELTA T DELTA P

## FINAL FLOW / DST #4



—■— BEEN 'A' 1-4

INITIAL PRODUCTION CORRECTED TO PSEUDO STEADY FLOW STATE:

84.175

INITIAL SHUT-IN

BEEN 'A' 1-4

DST # 4

INITIAL FLOW TIME 30

-----  
 SLOPE 442.2 PSI/CYCLE  
 P\* 1048.16 PSI  
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	TIME(MIN)	Pws (psi)	Log Horn T	<> PRESSURE	Horn T
	-----	-----	-----	-----	-----
	3	501.3	1.041	501.3	11
	6	534.2	0.778	32.9	6
	9	623.3	0.637	89.1	4
	12	710.3	0.544	87.0	4
	15	791.8	0.477	81.5	3
	18	840.3	0.426	48.5	3
	21	857.9	0.385	17.6	2
	24	880.0	0.352	22.0	2
	27	904.2	0.325	24.2	2
	30	915.2	0.301	11.0	2
X	33	924.0	0.281	8.8	2
	36	938.3	0.263	14.3	2
	39	942.7	0.248	4.4	2
	42	949.3	0.234	6.6	2
	45	952.6	0.222	3.3	2
	48	954.8	0.211	2.2	2
	51	958.1	0.201	3.3	2
	54	962.5	0.192	4.4	2
	57	964.7	0.184	2.2	2
	60	966.9	0.176	2.2	2
X	63	970.3	0.169	3.4	1

FINAL SHUT-IN

BEEN 'A' 1-4

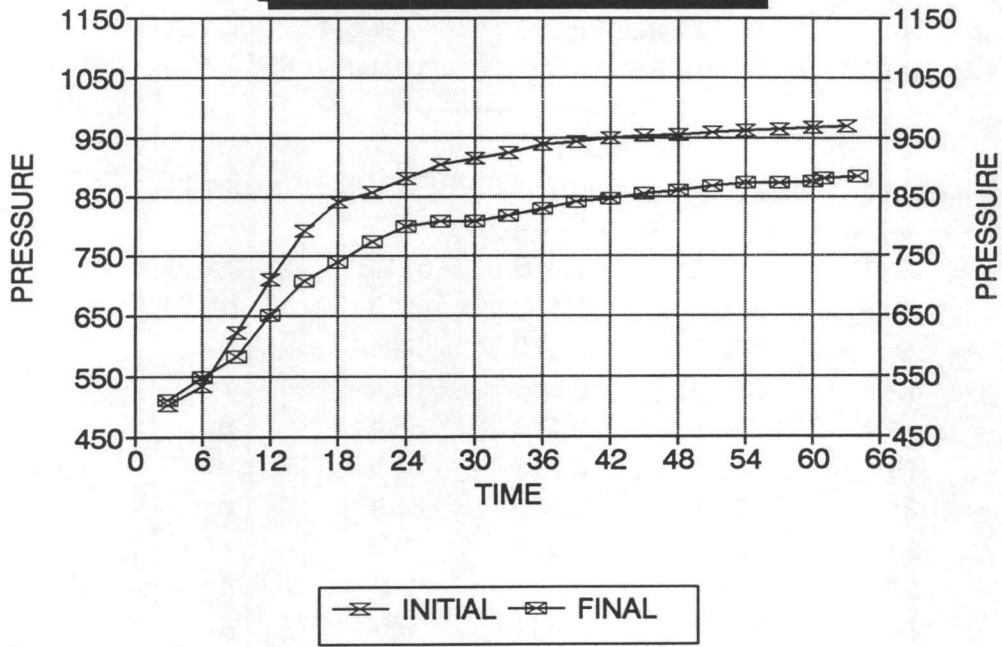
DST # 4

TOTAL FLOW TIME 75

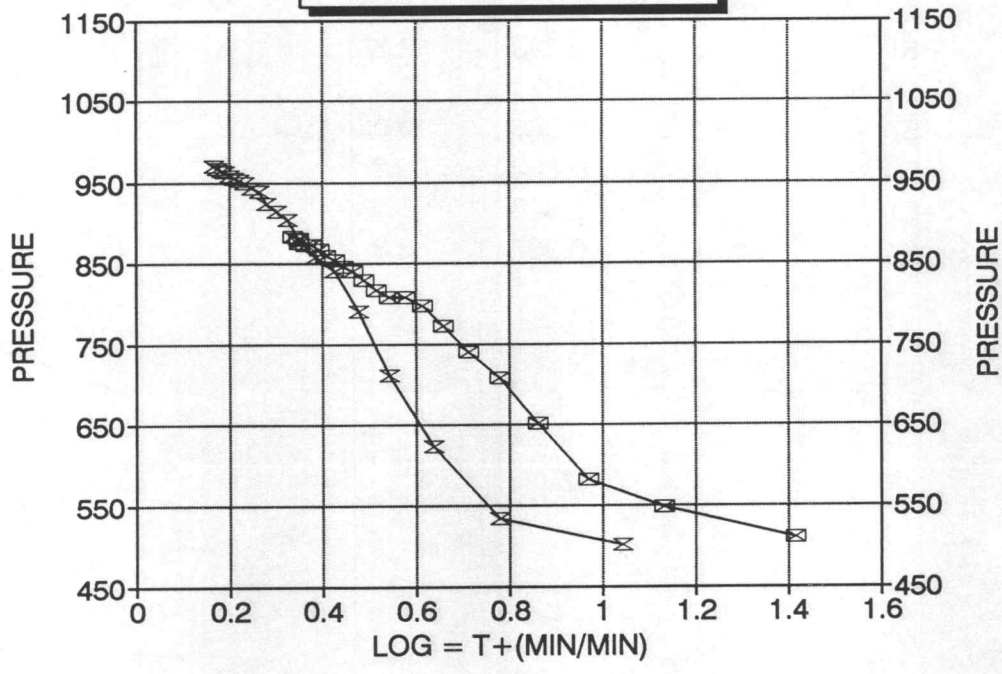
-----  
 SLOPE 398.4 PSI/CYCLE  
 P\* 1018.58 PSI  
 -----

	TIME(MIN)	Pws (psi)	Log Horn T	<> PRESSURE	Horn T
	-----	-----	-----	-----	-----
	3	511.2	1.415	511.2	26
	6	548.4	1.130	37.3	14
	9	582.6	0.970	34.1	9
	12	652.0	0.860	69.4	7
	15	708.1	0.778	56.1	6
	18	740.1	0.713	31.9	5
	21	773.1	0.660	33.1	5
	24	798.4	0.615	25.3	4
	27	808.3	0.577	9.9	4
	30	808.3	0.544	0.0	4
	33	817.2	0.515	8.8	3
	36	830.4	0.489	13.2	3
	39	840.3	0.466	9.9	3
	42	846.9	0.445	6.6	3
	45	854.6	0.426	7.7	3
	48	860.1	0.409	5.5	3
	51	867.8	0.393	7.7	2
	54	873.3	0.378	5.5	2
X	57	873.3	0.365	0.0	2
	60	875.5	0.352	2.2	2
	61	881.1	0.348	5.6	2
X	64	884.4	0.337	3.3	2

# DELTA T DELTA P BEEN 'A' 1-4



# HORNER PLOT



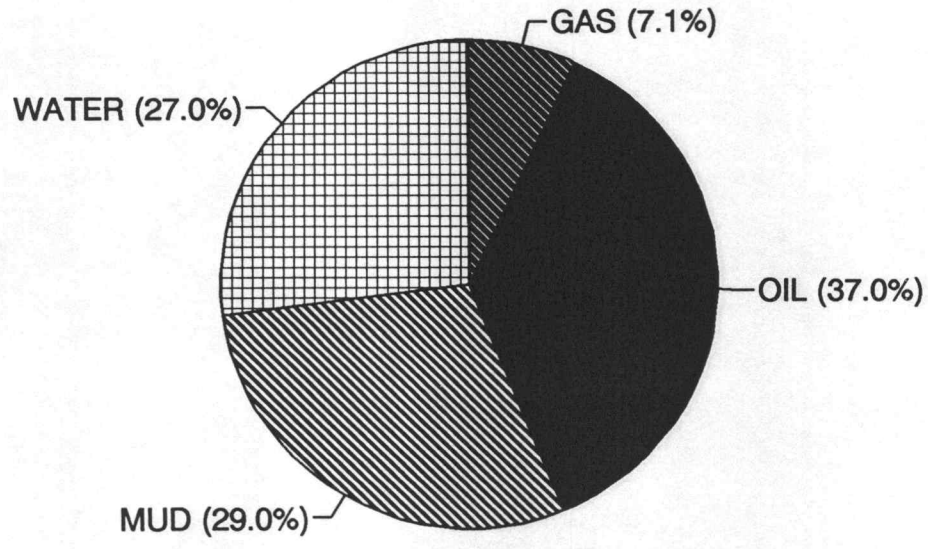
CALCULATED RECOVERY ANALYSIS

DST # 4

TICKET # 7670

SAMPLE #	TOTAL FEET	GAS		OIL		WATER		MUD	
		%	FEET	%	FEET	%	FEET	%	FEET
DRILL PIPE 1	135	10	13.5	90	121.5		0		0
2	245	10	24.5	30	73.5		0	60	147
3	56		0	5	2.8	90	50.4	5	2.8
4			0		0		0		0
5			0		0		0		0
6			0		0		0		0
WEIGHT PIPE 1			0		0		0		0
2			0		0		0		0
3			0		0		0		0
4			0		0		0		0
DRL COLLAR 1	304		0	5	0	90	273.6	5	15.2
2			0		0		0		0
3			0		0		0		0
4			0		0		0		0
5			0		0		0		0
TOTAL	740		0		0		0		0

			HRS OPE	BBL/DAY
BBL OIL=	2.812716	*	1.25	54.0041472
BBL WATER=	2.054592	*		39.4481664
BBL MUD=	2.204484			
BBL GAS =	0.54036			



# TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

## Drill-Stem Test Data

Well Name BEEN 'A' 1-4 Test No. 5 Date 12/13/94  
Company BRITO OIL COMPANY INC Zone MORROW  
Address 1205 MARKET #300 WICHITA KS 67202 Elevation 2965  
Co. Rep./Geo. RAUL BRITO Cont. BLUE GOOSE Est. Ft. of Pay 5  
Location: Sec. 4 Twp. 19S Rge. 33W Co. SCOTT State KS

Interval Tested 4620-4659 Drill Pipe Size 4.5" XH  
Anchor Length 39 Wt. Pipe I.D. - 2.7 Ft. Run \_\_\_\_\_  
Top Packer Depth 4615 Drill Collar - 2.25 Ft. Run 304  
Bottom Packer Depth 4620 Mud Wt. 9.0 lb/Gal.  
Total Depth 4659 Viscosity 58 Filtrate 10.4

Tool Open @ 11:18AM Initial Blow VERY WEAK SURFACE BLOW - DIED IN 13 MINUTES

Final Blow \_\_\_\_\_

Recovery - Total Feet 5 Flush Tool? NO

Rec. 5 Feet of DRILLING MUD  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

BHT 128 °F Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm Recovery Chlorides 6000 ppm System

(A) Initial Hydrostatic Mud 2231.6 PSI AK1 Recorder No. 10322 Range 4050

(B) First Initial Flow Pressure 95.6 PSI @ (depth) 4650 w / Clock No. 26199

(C) First Final Flow Pressure 95.6 PSI AK1 Recorder No. 11086 Range 4350

(D) Initial Shut-in Pressure 95.6 PSI @ (depth) 4655 w / Clock No. 25114

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

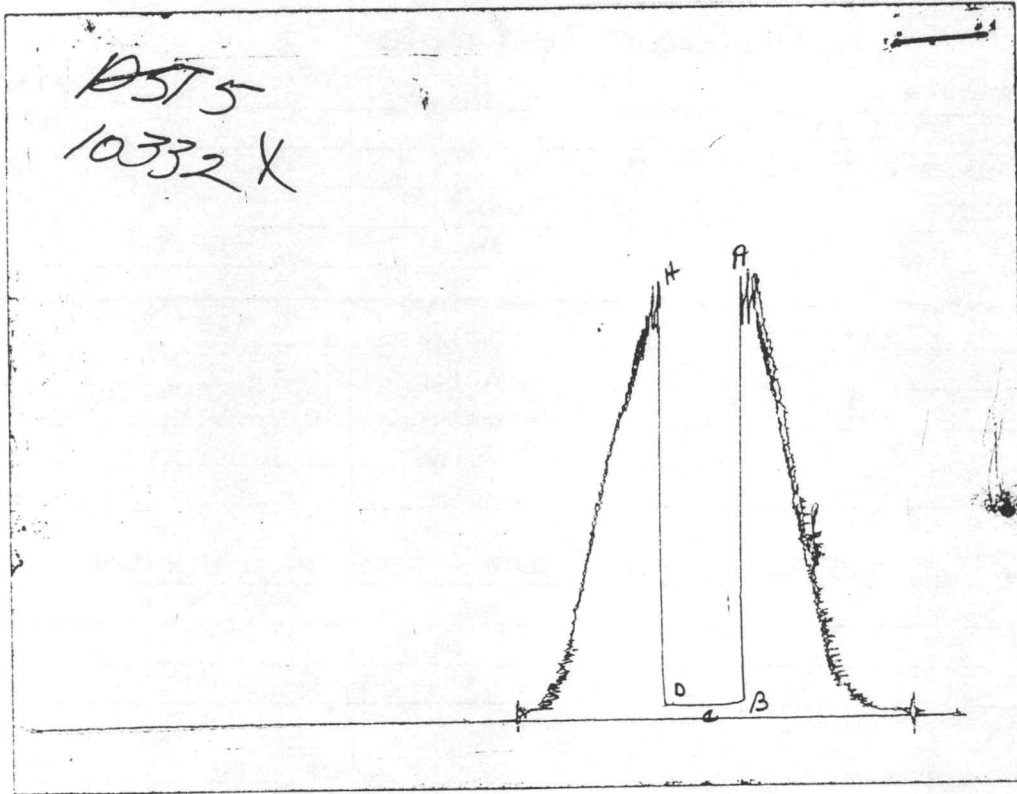
(F) Second Final Flow Pressure \_\_\_\_\_ PSI @ (depth) \_\_\_\_\_ w / Clock No. \_\_\_\_\_

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

(H) Final Hydrostatic Mud 2110.3 PSI Initial Shut-in 30 Final Shut-in \_\_\_\_\_

Our Representative GARY SPEER

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2228	2231.6
(B) FIRST INITIAL FLOW PRESSURE	91	95.6
(C) FIRST FINAL FLOW PRESSURE	91	95.6
(D) INITIAL CLOSED-IN PRESSURE	91	95.6
(E) SECOND INITIAL FLOW PRESSURE		
(F) SECOND FINAL FLOW PRESSURE		
(G) FINAL CLOSED-IN PRESSURE		
(H) FINAL HYDROSTATIC MUD	2108	2110.3

# TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

## Drill-Stem Test Data

Well Name BEEN 'A' 1-4 Test No. 6 Date 12/14/94  
Company BRITO OIL COMPANY INC Zone MARMATION  
Address 1205 MARKET #300 WICHITA KS 67202 Elevation 2965  
Co. Rep./Geo. RAUL BRITO Cont. BLUE GOOSE Est. Ft. of Pay \_\_\_\_\_  
Location: Sec. 4 Twp. 19S Rge. 33W Co. SCOTT State KS

Interval Tested 4373-4386 Drill Pipe Size 4.5" XH  
Anchor Length 13 Wt. Pipe I.D. - 2.7 Ft. Run \_\_\_\_\_  
Top Packer Depth 4368-4373 Drill Collar - 2.25 Ft. Run 305  
Bottom Packer Depth 4386 Mud Wt. 9.4 lb/Gal.  
Total Depth 4772 Viscosity 46 Filtrate \_\_\_\_\_

Tool Open @ 12:55PM Initial Blow 1/2" BLOW BUILDING TO BOTTOM OF BUCKET IN 8 MINUTES  
BLOW BACK BUILT TO 3 1/2"  
Final Blow 1/4" BLOW BUILDING TO BOTTOM OF BUCKET IN 18 MINUTES  
BLOW BACK BUILT TO 1"

Recovery - Total Feet 715 Flush Tool? NO

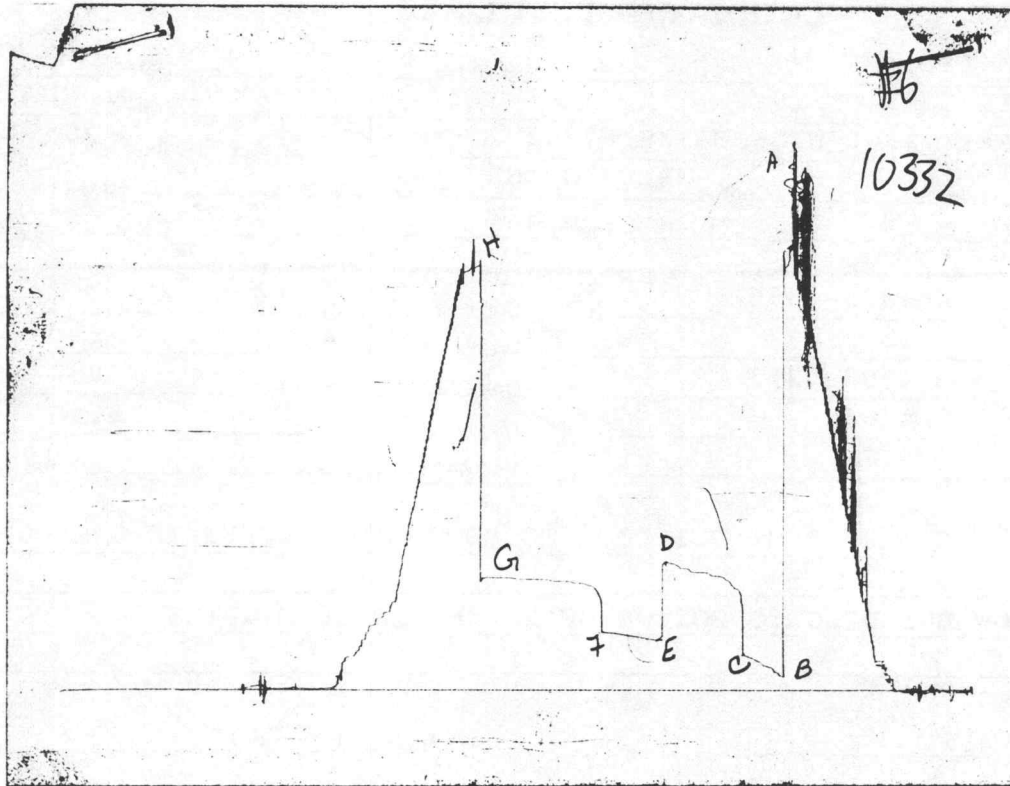
Rec. 180 Feet of GAS IN PIPE  
Rec. 55 Feet of CLEAN OIL  
Rec. 60 Feet of OIL STAINED MUDDY WATER 2%OIL/78%WATER/20%MUD  
Rec. 600 Feet of GASSY SALT WATER / TRACE OIL  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

BHT 126 °F Gravity 22 °API @ 70 °F Corrected Gravity 21 °API  
RW 2 @ 60 °F Chlorides 40000 ppm Recovery Chlorides \_\_\_\_\_ ppm System

(A) Initial Hydrostatic Mud 2292.0 PSI AK1 Recorder No. 11086 Range 4350  
(B) First Initial Flow Pressure 78.9 PSI @ (depth) 4375 w / Clock No. 25114  
(C) First Final Flow Pressure 192.3 PSI AK1 Recorder No. 10332 Range 4025  
(D) Initial Shut-in Pressure 688.0 PSI @ (depth) 4381 w / Clock No. 26199  
(E) Second Initial Flow Pressure 277.3 PSI AK1 Recorder No. 6730 Range \_\_\_\_\_  
(F) Second Final Flow Pressure 316.8 PSI @ (depth) 4382 w / Clock No. 25828  
(G) Final Shut-in Pressure 607.7 PSI Initial Opening 30 Final Flow 45  
(H) Final Hydrostatic Mud 2252.0 PSI Initial Shut-in 60 Final Shut-in 90

Our Representative PAUL SIMPSON

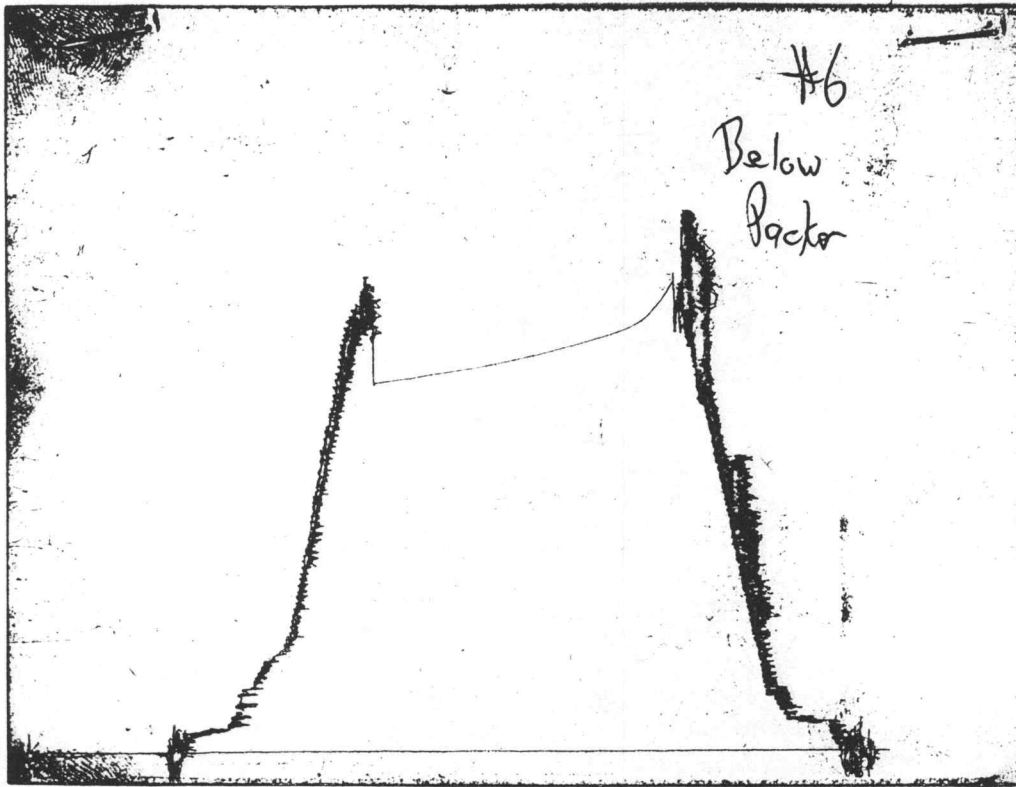
CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2328	2292
(B) FIRST INITIAL FLOW PRESSURE	71	78.9
(C) FIRST FINAL FLOW PRESSURE	192	192.3
(D) INITIAL CLOSED-IN PRESSURE	679	688
(E) SECOND INITIAL FLOW PRESSURE	263	277.3
(F) SECOND FINAL FLOW PRESSURE	314	316.8
(G) FINAL CLOSED-IN PRESSURE	587	607.7
(H) FINAL HYDROSTATIC MUD	2278	2252

CHART PAGE



This is an actual photograph of recorder chart

FIELD  
READING

OFFICE  
READING

- (A) INITIAL HYDROSTATIC MUD
- (B) FIRST INITIAL FLOW PRESSURE
- (C) FIRST FINAL FLOW PRESSURE
- (D) INITIAL CLOSED-IN PRESSURE
- (E) SECOND INITIAL FLOW PRESSURE
- (F) SECOND FINAL FLOW PRESSURE
- (G) FINAL CLOSED-IN PRESSURE
- (H) FINAL HYDROSTATIC MUD