TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name SHRIWISE 'R' #1 Test No. 1 Date 1/27/95

Company RAYDON EXPLORATION INC Zone MISSISSIPPI

Address 9400 N BROADWAY OKLAHOMA CITY OK 73114 Elevation 2476

Co. Rep./Geo. TOM WILLIAMS Cont. DUKE #2 Est. Ft. of Pay 15

Location: Sec. 8 Twp. 22S Rge. 24W Co. HODGEMAN State KS

Interval Tested 4657-4685

Anchor Length 28

Top Packer Depth 4652

Bottom Packer Depth 4657

Total Depth 4685

Drill Pipe Size 4.5" XH

Wt. Pipe I.D. - 2.7 Ft. Run

Drill Collar – 2.25 Ft. Run 30

Mud Wt. 9.1 lb/Gal.

Viscosity 45 Filtrate 8.4

Tool Open @ 1:47AM Initial Blow WEAK - BUILDING TO 3"

Final Blow WEAK - BUILDING TO 4"

Recovery - Total Feet 90 Flush Tool? NO

Rec. 90 Feet of GAS IN PIPE

Rec. 30 Feet of MUD CUT OIL 60%OIL/40%MUD

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

Rec. Feet of

Rec. Feet of

BHT 118 °F Gravity °API @ °F Corrected Gravity °API

RW @ °F Chlorides ppm Recovery Chlorides 3000 ppm System

(A) Initial Hydrostatic Mud 2345.60 PSI AK1 Recorder No. 13754 Range 4000

(B) First Initial Flow Pressure 39.40 PSI @ (depth) 4661 w / Clock No. 25810

(C) First Final Flow Pressure 32.50 PSI AK1 Recorder No. 13849 Range 4375

(D) Initial Shut-in Pressure 1245.00 PSI @ (depth) 4681 w / Clock No. 27501

(E) Second Initial Flow Pressure 49.20 PSI AK1 Recorder No. Range

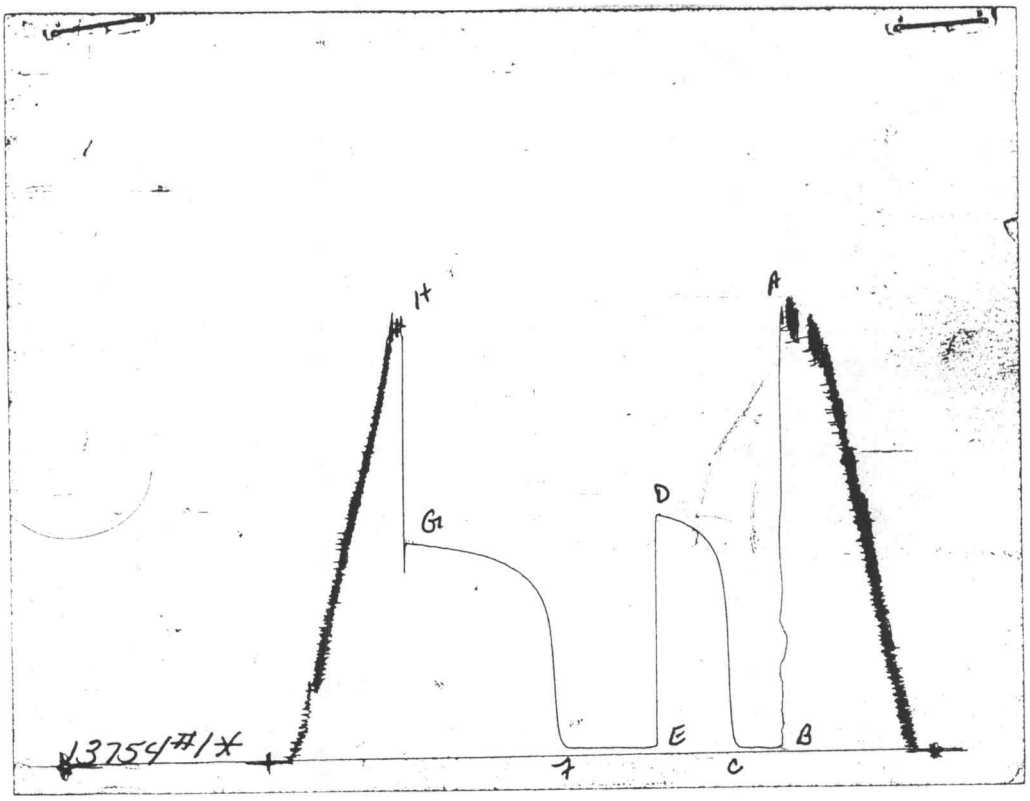
(F) Second Final Flow Pressure 38.40 PSI @ (depth) w / Clock No.

(G) Final Shut-in Pressure 1118.00 PSI Initial Opening 30 Final Flow 60

(H) Final Hydrostatic Mud 2291.60 PSI Initial Shut-in 60 Final Shut-in 120

Our Representative DAN BANGLE

CHART PAGE



This is an actual photograph of an AK1 recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2340	2345.60
(B) FIRST INITIAL FLOW PRESSURE	39	39.40
(C) FIRST FINAL FLOW PRESSURE	39	32.50
(D) INITIAL CLOSED-IN PRESSURE	1236	1245.00
(E) SECOND INITIAL FLOW PRESSURE	49	49.20
(F) SECOND FINAL FLOW PRESSURE	49	38.40
(G) FINAL CLOSED-IN PRESSURE	1116	1118.00
(H) FINAL HYDROSTATIC MUD	2289	2291.60

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

RAYDON EXPLORATION INC

SHRIWISE 'R' #1 DST 1

8 22S 24W HODGEMA KS

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ELEVATION:	2476	KB	EST. PAY	15	FT
DATUM:	-2186		ZONE TESTED:	MISSISSIPPI	
TEST INTERVAL:	4657-4685		TIME INTERVALS:	30-60-60-120	
RECORDER DEPTH:	4661		VISCOSITY:	9.95	CP
BOTTOM HOLE TEMP:	118		HOLE SIZE:	7.875	IN

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CUBIC FEET OF GAS IN PIPE:	7			
TOTAL FEET OF RECOVERY:	90.00	CORRECTED PIPE FILLUP:	102.400	
TOTAL BARRELS OF RECOVERY:	1.00	CORR. BARRELS OF RECOVERY:	1.176	BBL
BARRELS IN DRILL PIPE:	0.85	API GRAVITY:	32	
BARRELS IN WEIGHT PIPE:	0.00	FLUID GRADIENT:	0.375	
BARRELS IN DRILL COLLARS:	0.15			
GAS OIL RATIO:	7.19	CU.FT/BBL		
BUBBLE POINT PRESSURE:	74			
UNCORRECTED INITIAL PRODUCTION:			16.00	BBL
INITIAL PRODUCTION CORRECTED TO FINAL FLOW PRESSURE:			18.82	BBL/DAY
INITIAL PRODUCTION CORRECTED TO PSEUDO STEADY FLOW STATE:				

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INITIAL SLOPE	835.41	PSI/CYCLE	FINAL SLOPE	545.16	PSI/CYCLE
INITIAL P*	1386.28	PSI	FINAL P*	1245.59	PSI

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TRANSMISSIBILITY	5.61	(MD.-FT./CP.)
PERMEABILITY	3.72	(MD.)
INDICATED FLOW CAPACITY	55.87	(MD.FT)
PRODUCTIVITY INDEX	0.01	(BBL/DAY/PSI)
DAMAGE RATIO	0.41	
RADIUS OF INVESTIGATION	18.31	(FT,)
POTENTIOMETRIC SURFACE	703.52	(FT.)
DRAWDOWN FACTOR	10.149	(%)

INITIAL FLOW

DST # 1
RECORDER 13754

TIME(MIN)	PRESSURE	<> PRESSURE
0	39.4	39.4
3	35.4	-3.9
6	30.5	-4.9
9	30.5	0.0
12	30.5	0.0
15	31.5	1.0
18	32.5	1.0
21	32.5	0.0
24	32.5	0.0
27	32.5	0.0
30	32.5	0.0

FINAL FLOW

DST # 1
RECORDER 11038

TIME(MIN)	PRESSURE	<> PRESSURE
0	49.2	49.2
3	45.3	-3.9
6	41.3	-3.9
9	38.4	-3.0
12	38.4	0.0
15	38.4	0.0
18	38.4	0.0
21	38.4	0.0
24	38.4	0.0
27	38.4	0.0
30	38.4	0.0
33	38.4	0.0
36	38.4	0.0
39	38.4	0.0
42	38.4	0.0
45	38.4	0.0
48	38.4	0.0
51	38.4	0.0
54	38.4	0.0
57	38.4	0.0
60	38.4	0.0

INITIAL SHUT-IN

SHRIWISE 'R' #1

DST # 1 SLOPE 835.4 PSI/CYCLE

INITIAL FLOW TIME 30 P* 1386.28 PSI

	TIME(MIN)	Pws (psi)	Log Horn T	<> PRESSURE	Horn T
	3	55.1	1.041	55.1	11
	6	409.3	0.778	354.2	6
	9	694.7	0.637	285.4	4
	12	896.2	0.544	201.6	4
	15	994.1	0.477	97.9	3
	18	1040.1	0.426	45.9	3
	21	1081.0	0.385	41.0	2
	24	1110.0	0.352	29.0	2
	27	1130.0	0.325	20.0	2
	30	1150.0	0.301	20.0	2
	33	1165.0	0.281	15.0	2
	36	1175.0	0.263	10.0	2
	39	1185.0	0.248	10.0	2
	42	1196.0	0.234	11.0	2
	45	1208.0	0.222	12.0	2
	48	1216.0	0.211	8.0	2
	51	1222.0	0.201	6.0	2
X	54	1226.0	0.192	4.0	2
	57	1233.0	0.184	7.0	2
	60	1237.0	0.176	4.0	2
X	63	1245.0	0.169	8.0	1

FINAL SHUT-IN

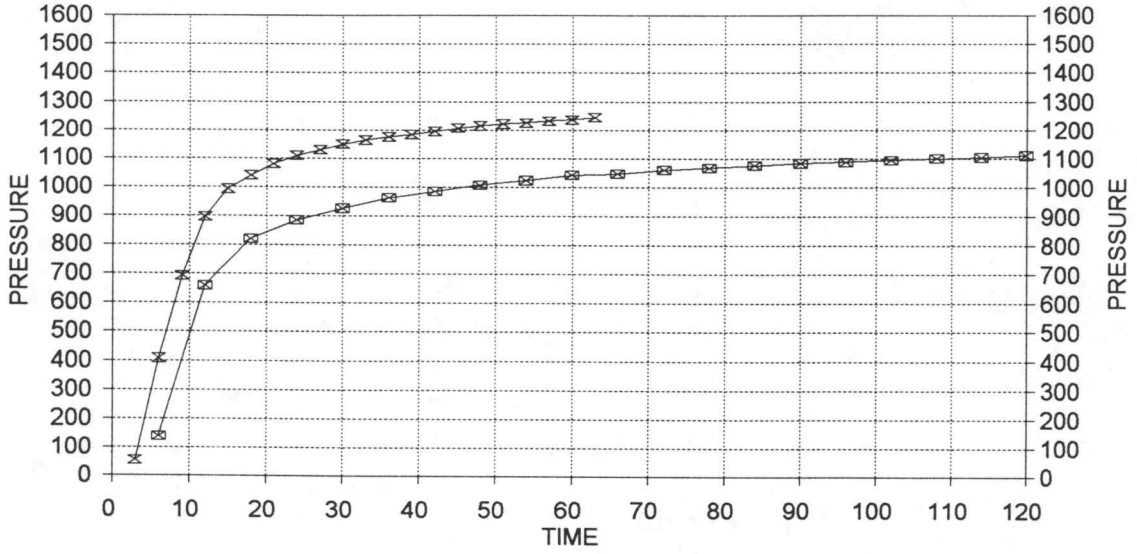
SHRIWISE 'R' #1

DST # 1	SLOPE	545.2	PSI/CYCLE
TOTAL FLOW TIME 90	P*	1245.59	PSI

	TIME(MIN)	Pws (psi)	Log Horn T	<> PRESSURE	Horn T
	6	139.8	1.204	139.8	16
	12	660.1	0.929	520.3	9
	18	822.1	0.778	162.1	6
	24	886.4	0.677	64.2	5
	30	927.9	0.602	41.5	4
	36	963.4	0.544	35.6	4
	42	986.2	0.497	22.7	3
	48	1008.1	0.459	21.9	3
	54	1025.1	0.426	17.0	3
	60	1043.0	0.398	18.0	3
	66	1047.0	0.374	4.0	2
	72	1060.0	0.352	13.0	2
	78	1069.0	0.333	9.0	2
	84	1076.0	0.316	7.0	2
	90	1084.0	0.301	8.0	2
X	96	1089.0	0.287	5.0	2
	102	1095.0	0.275	6.0	2
	108	1101.0	0.263	6.0	2
	114	1105.0	0.253	4.0	2
	120	1111.0	0.243	6.0	2
X	126	1118.0	0.234	7.0	2

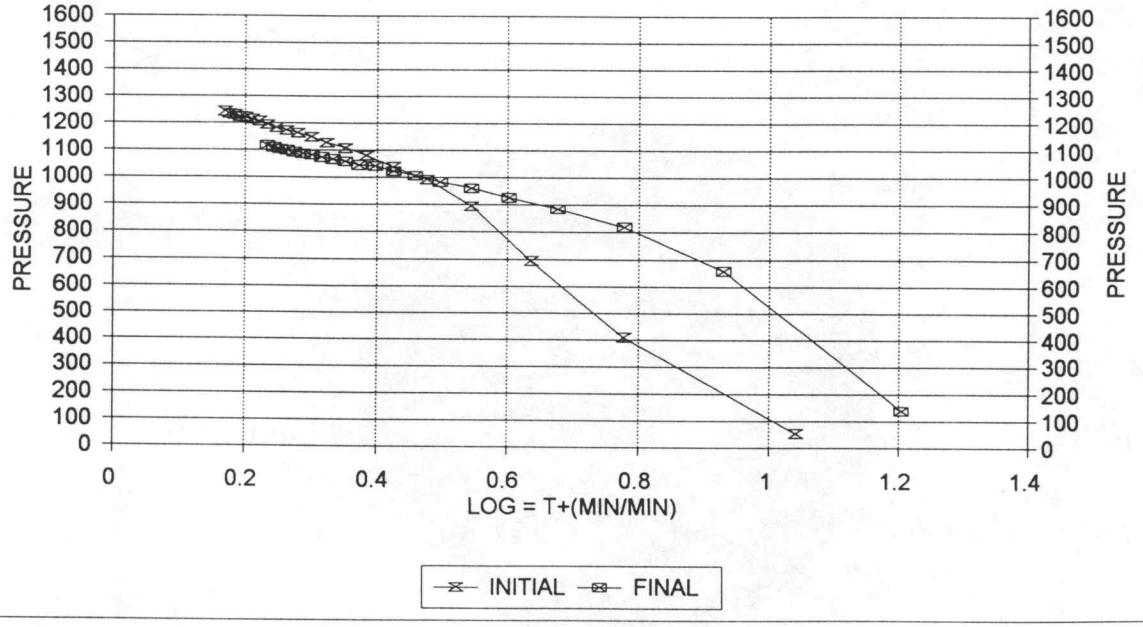
DELTA T DELTA P

SHRIWISE 'R' #1



598.9 0.277

HORNER PLOT



CALCULATED RECOVERY ANALYSIS

DST # 1 TICKET # 8389

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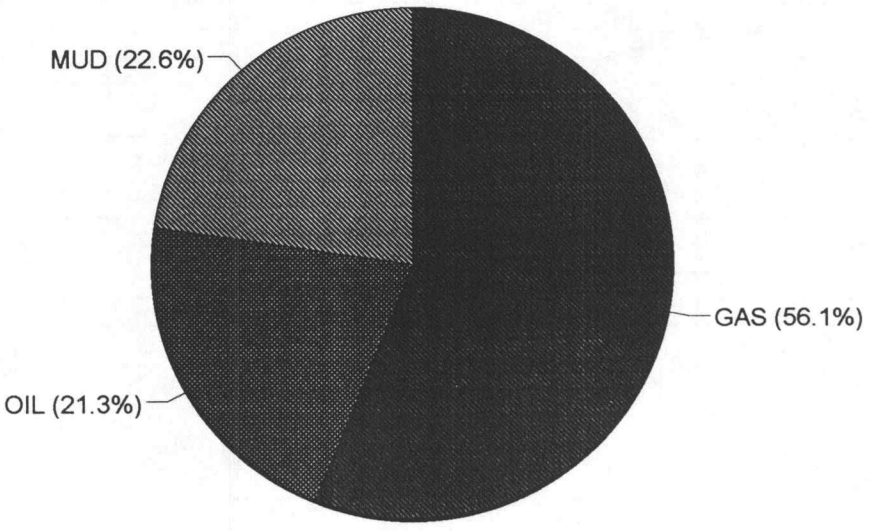
SAMPLE	#	TOTAL FEET	GAS %	GAS FEET	OIL %	OIL FEET	WATER %	WATER FEET	MUD %	MUD FEET
DRILL PIPE	1	90	100	90		0		0		0
	2	30		0	60	18		0	40	12
	3	30		0	40	12		0	60	18
	4			0		0		0		0
	5			0		0		0		0
	6			0		0		0		0
WEIGHT PIPE	1			0		0		0		0
	2			0		0		0		0
	3			0		0		0		0
	4			0		0		0		0
DRL COLLAR	1	30		0	40	12		0	60	18
	2			0		0		0		0
	3			0		0		0		0
	4			0		0		0		0
	5			0		0		0		0
TOTAL		180		0		0		0		0

			HRS OPE	BBL/DAY
BBL OIL=	0.48528	*	1.50	7.76448
BBL WATER=	0	*		0
BBL MUD=	0.51462			
BBL GAS =	1.2798			



TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

№ 8389

Well Name & No. Shriwise "R" #1 Test No. 1 Date 1-27-95

Company Rayden Exploration, Inc Zone Tested Miss.

Address 9400 N. Broadway, Okla City, OK 73114 Elevation 2476 K.B.

Co. Rep./Geo. Tom Williams Cont. Duke #2 Est. Ft. of Pay 15

Location: Sec. 16 Twp. 22 Rge. 24 Co. Hodgeman State Ks

No. of Copies 8 Distribution Sheet ____ Yes X No Turnkey ____ Yes X No X Evaluation

Interval Tested 4657-4685 Drill Pipe Size 4.5 XH

Anchor Length 28 Top Choke — 1" ____ Bottom Choke — ¾" ____

Top Packer Depth 4652 Hole Size — 7⅞" ____ Rubber Size — 6¾" ____

Bottom Packer Depth 4657 Wt. Pipe I.D. — 2.7 Ft. Run ____

Total Depth 4685 Drill Collar — 2.25 Ft. Run 30'

Mud Wt. 9.1 lb / gal. Viscosity 45 Filtrate 8.4

Tool Open @ 1:47 a.m. Initial Blow Weak- building To 3"

Final Blow Weak- building To 4"

Recovery — Total Feet 90 Feet of Gas in Pipe 90 Flush Tool? ____

Rec. 30 Feet Of MCO %gas 60 %oil %water 40 %mud

Rec. 60 Feet Of OCM %gas 40 %oil %water 60 %mud

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

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

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

BHT 118 °F Gravity ____ °API @ ____ °F Corrected Gravity ____ °API

RW ____ @ ____ °F Chlorides ____ ppm Recovery Chlorides 3,000 ppm System

(A) Initial Hydrostatic Mud 2340 PSI Ak1 Recorder No. 13754 Range 4000

(B) First Initial Flow Pressure 39 PSI @ (depth) 4661 w/Clock No. 25810

(C) First Final Flow Pressure 39 PSI AK1 Recorder No. 13849 Range 4375

(D) Initial Shut-In Pressure 1236 PSI @ (depth) 4681 w/Clock No. 22501

(E) Second Initial Flow Pressure 49 PSI AK1 Recorder No. ____ Range ____

(F) Second Final Flow Pressure 49 PSI @ (depth) ____ w/Clock No. ____

(G) Final Shut-In Pressure 1116 PSI Initial Opening 30 Test 600

(H) Final Hydrostatic Mud 2289 PSI Initial Shut-In 60 Jars X 200

Final Flow 60 Safety Joint X 50

Final Shut-In 120 Straddle ____

Circ. Sub ____

Sampler ____

Extra Packer ____

Other mud 50

TOTAL PRICE $ 900

Approved By Thomas M. Williams

Our Representative Dan Bangle

Printcraft Printers - Hays, KS

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name SHRIWISE "R" #1 Test No. 2 Date 1/27/95

Company RAYDON EXPLORATION INC. Zone MISS DOLO

Address 9400 N. BROADWAY #400, OKLAHOMA CITY, OK 73114 Elevation 2476

Co. Rep./Geo. TOM WILLIAMS Cont. DUKE #2 Est. Ft. of Pay

Location: Sec. 16 Twp. 22S Rge. 24W Co. HODGEMAN State KS

Interval Tested 4685-4694

Anchor Length 9

Top Packer Depth 4680

Bottom Packer Depth 4685

Total Depth 4694

Drill Pipe Size 4.5" XH

Wt. Pipe I.D. - 2.7 Ft. Run

Drill Collar – 2.25 Ft. Run 30

Mud Wt. 9 lb/Gal.

Viscosity 37 Filtrate 8.4

Tool Open @ 4:10PM Initial Blow STRONG - BOTTOM OF BUCKET IN 10 MINUTES.

Final Blow STRONG - BOTTOM OF BUCKET IN 28 MINUTES.

Recovery - Total Feet 710 Flush Tool? NO

Rec. 120 Feet of GAS IN PIPE.

Rec. 40 Feet of CLEAN OIL. 100% OIL.

Rec. 670 Feet of MUDDY WATER. 90% WATER; 10% MUD.

Rec. Feet of

Rec. Feet of

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

RW 0.13 @ 80 °F Chlorides 52000 ppm Recovery Chlorides 5200 ppm System

(A) Initial Hydrostatic Mud 2288.50 PSI AK1 Recorder No. 13754 Range 4000

(B) First Initial Flow Pressure 66.90 PSI @ (depth) 4687 w / Clock No. 25810

(C) First Final Flow Pressure 156.50 PSI AK1 Recorder No. 13849 Range 4375

(D) Initial Shut-in Pressure 1196.00 PSI @ (depth) 4690 w / Clock No. 27501

(E) Second Initial Flow Pressure 185.00 PSI AK1 Recorder No. Range

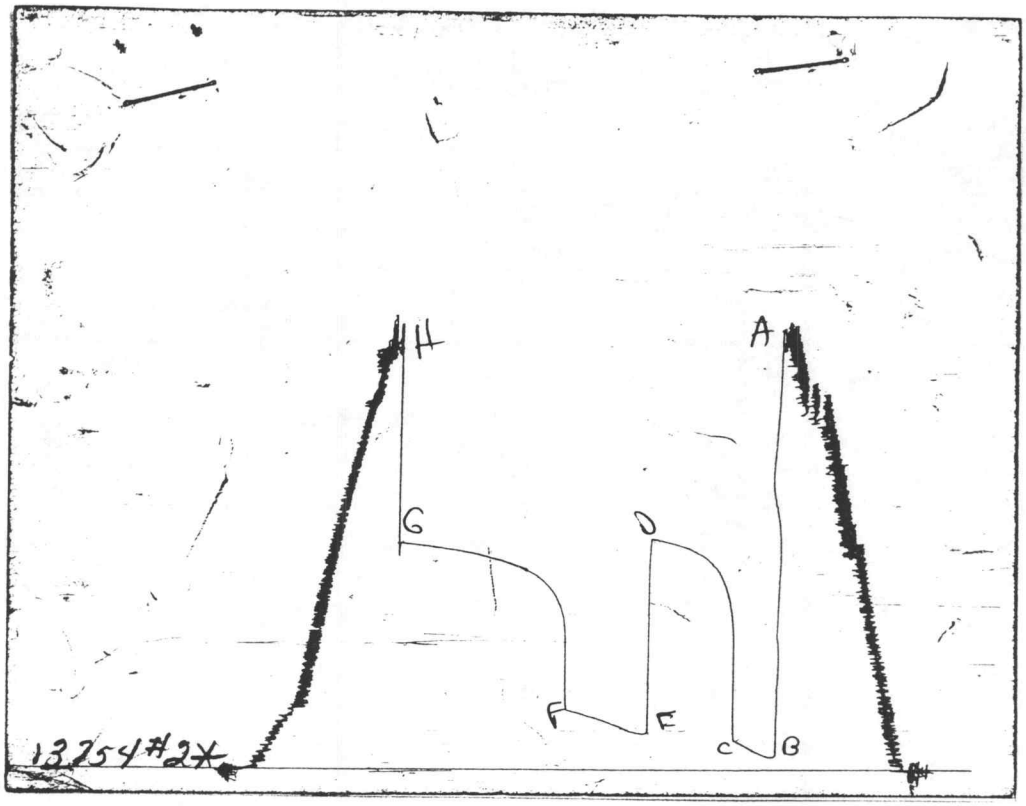
(F) Second Final Flow Pressure 311.00 PSI @ (depth) w / Clock No.

(G) Final Shut-in Pressure 1165.00 PSI Initial Opening 30 Final Flow 60

(H) Final Hydrostatic Mud 2208.50 PSI Initial Shut-in 60 Final Shut-in 120

Our Representative DAN BANGLE

CHART PAGE



This is an actual photograph of an AK1 recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2299	2288.50
(B) FIRST INITIAL FLOW PRESSURE	68	66.90
(C) FIRST FINAL FLOW PRESSURE	167	156.50
(D) INITIAL CLOSED-IN PRESSURE	1196	1196.00
(E) SECOND INITIAL FLOW PRESSURE	196	185.00
(F) SECOND FINAL FLOW PRESSURE	314	311.00
(G) FINAL CLOSED-IN PRESSURE	1186	1165.00
(H) FINAL HYDROSTATIC MUD	2238	2208.50

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

№ 8390

Well Name & No. Shriwise "R" #1 Test No. 2 Date 1-27-95

Company Raydon Exploration, Inc Zone Tested Miss Dolo.

Address _____ Elevation 2476 K.B.

Co. Rep./Geo. Tom Williams Cont. Duke #2 Est. Ft. of Pay _____

Location: Sec. 16 Twp. 22 Rge. 24 Co. Hodgeman State Ks.

No. of Copies 8 Distribution Sheet _____ Yes X No Turnkey _____ Yes X No Evaluation

Interval Tested 4685 - 4694 Drill Pipe Size 4.5XH

Anchor Length 9 Top Choke — 1" _____ Bottom Choke — ¾" _____

Top Packer Depth 4680 Hole Size — 7⅞" _____ Rubber Size — 6¾" _____

Bottom Packer Depth 4685 Wt. Pipe I.D. — 2.7 Ft. Run _____

Total Depth 4694 Drill Collar — 2.25 Ft. Run 30'

Mud Wt. 9 lb / gal. Viscosity 37 Filtrate 8.4

Tool Open @ 4:10 p.m. Initial Blow Strong - B.O.B. in 10 min.

Final Blow Strong - B.O.B. in 28 min.

Recovery — Total Feet 710 Feet of Gas in Pipe 120 Flush Tool? _____

Rec. 40	Feet Of	CO	%gas	100	%oil	%water	%mud	
Rec. 670	Feet Of	mdy WTR.	%gas		%oil	90 %water	10	%mud
Rec. _____	Feet Of	_____	%gas		%oil	%water		%mud
Rec. _____	Feet Of	_____	%gas		%oil	%water		%mud
Rec. _____	Feet Of	_____	%gas		%oil	%water		%mud

BHT 120 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

RW .13 @ 80 °F Chlorides 52,000 ppm Recovery Chlorides 5200 ppm System

(A) Initial Hydrostatic Mud	2299 PSI	Ak1 Recorder No.	13754	Range	4000
(B) First Initial Flow Pressure	68 PSI	@ (depth)	4687	w/Clock No.	25810
(C) First Final Flow Pressure	167 PSI	AK1 Recorder No.	13849	Range	4375
(D) Initial Shut-In Pressure	1196 PSI	@ (depth)	4690	w/Clock No.	22501
(E) Second Initial Flow Pressure	196 PSI	AK1 Recorder No.	_____	Range	_____
(F) Second Final Flow Pressure	314 PSI	@ (depth)	_____	w/Clock No.	_____
(G) Final Shut-In Pressure	1186 PSI	Initial Opening	30	Test	600
(H) Final Hydrostatic Mud	2238 PSI	Initial Shut-In	60	Jars X	200
		Final Flow	60	Safety Joint X	50
		Final Shut-In	120	Straddle	_____
				Circ. Sub	_____
				Sampler	_____
				Extra Packer	_____
				Other	_____
				TOTAL PRICE $	850

Approved By Thomas M. Williams

Our Representative Dave Bangle

Printcraft Printers - Hays, KS