

TRILOBITE TESTING COMPANY, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name LOOMIS #A-2 B-1 Test No. 1 Date 3/21/92
 Company OXY USA INC. Zone Tested MARMATON
 Address BOX 26100 OKLAHOMA CITY OK 73126-0100 Elevation 2942 K.B.
 Co. Rep./Geo. J WELCH/J DEAN Cont. BEREDCO RIG #1 Est. Ft. of Pay 8
 Location: Sec. 35 Twp. 22S Rge. 34W Co. FINNEY State KS

Interval Tested 4299-4315
 Anchor Length 16
 Top Packer Depth 4294
 Bottom Packer Depth 4299
 Total Depth 4315

Drill Pipe Size 4.5 XH
 Wt. Pipe I.D. - 2.7 Ft. Run _____
 Drill Collar — 2.25 Ft. Run 610

Mud Wt. 9.1 lb / gal. Viscosity 43 Filtrate 12

Tool Open @ 1:45 PM Initial Blow WEAK SURFACE BLOW SLOWLY BUILT TO 3"
ISI: BLED OFF BLOW-NO RETURN
 Final Blow SURFACE RETURN IN 3 MINUTES SLOWLY BUILT TO 2"
THROUGHOUT

Recovery — Total Feet 200 Flush Tool? NO

Rec. 200 Feet of WATERY MUD

Rec. _____ Feet of _____

Rec. _____ Feet of _____

Rec. _____ Feet of _____

Rec. _____ Feet of _____

BHT 110 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

RW 0.33 @ 51 °F Chlorides 28000 ppm Recovery Chlorides 1000 ppm System

(A) Initial Hydrostatic Mud 2106.3 PSI Ak1 Recorder No. 13309 Range 4700

(B) First Initial Flow Pressure 33.4 PSI @ (depth) 4305 w/Clock No. 27566

(C) First Final Flow Pressure 62.7 PSI Ak1 Recorder No. 10332 Range 4025

(D) Initial Shut-in Pressure 844.9 PSI @ (depth) 4310 w/Clock No. 27501

(E) Second Initial Flow Pressure 82.6 PSI Ak1 Recorder No. _____ Range _____

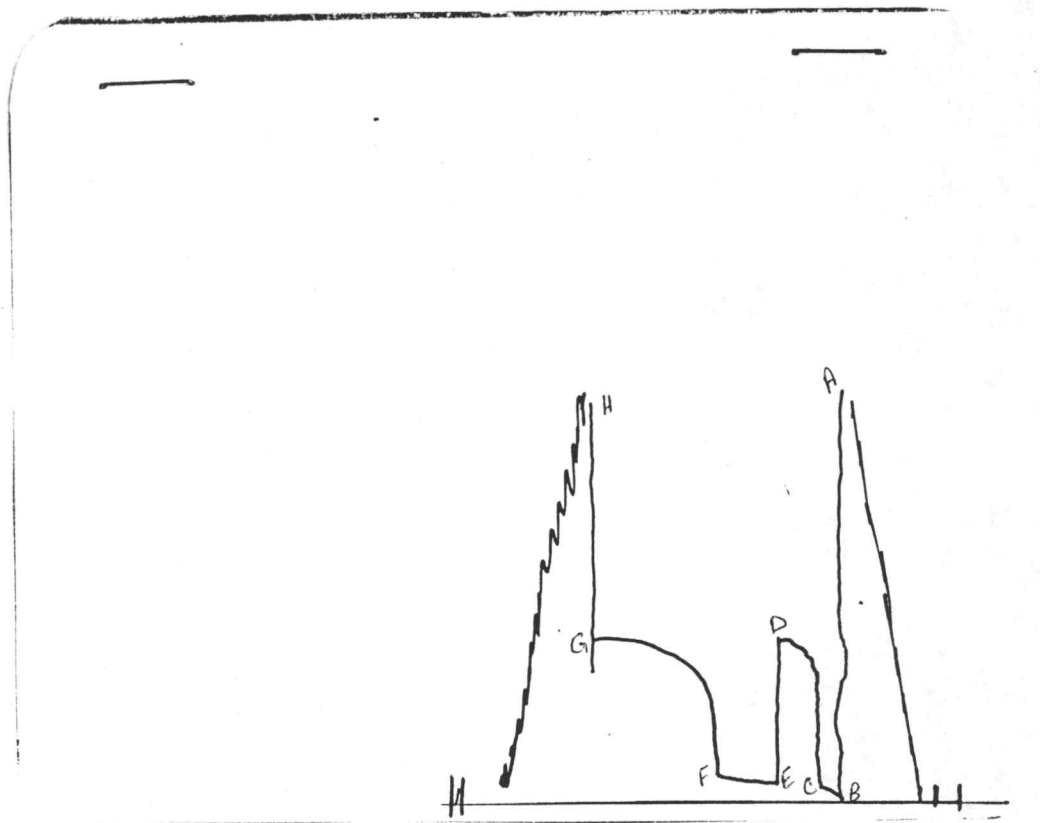
(F) Second Final Flow Pressure 125.4 PSI @ (depth) _____ w/Clock No. _____

(G) Final Shut-in Pressure 866.3 PSI Initial Opening 15 Final Flow 45

(H) Final Hydrostatic Mud 2070.8 PSI Initial Shut-in 30 Final Shut-in 90

Our Representative ROD STEINBRINK

TOTAL PRICE \$ 1050 1000.00



POINT This is an actual photograph of recorder chart
PRESSURE

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2098	2106.3
(B) FIRST INITIAL FLOW PRESSURE	30	33.4
(C) FIRST FINAL FLOW PRESSURE	60	62.7
(D) INITIAL CLOSED-IN PRESSURE	841	844.9
(E) SECOND INITIAL FLOW PRESSURE	80	82.6
(F) SECOND FINAL FLOW PRESSURE	121	125.4
(G) FINAL CLOSED-IN PRESSURE	861	866.3
(H) FINAL HYDROSTATIC MUD	2068	2070.8

TRILOBITE TESTING COMPANY L.L.C.

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 4587 Date 3-21-92
Company Name Oxy - USA (Cont.) Beredco #1
Lease Loomis # A-2 B-1 Test No. 1 Marmaton
County Finney KS Sec. 35 Twp. 22 S Rng. 34 W

SAMPLER RECOVERY

Gas — ML
Oil — ML
Mud 500 ML
Water 3,000 ML
Other — ML
Pressure 100[#] PSI
Total 3,500 ML

PIT MUD ANALYSIS

Chlorides 1,000 ppm.
Resistivity — ohms @ — F
Viscosity 43
Mud Weight 9.1
Filtrate 12.0
Other —

SAMPLER ANALYSIS

Resistivity .33 ohms @ 51° F
Chlorides 28,000 ppm.
Gravity — corrected @ 60 F

PIPE RECOVERY

TOP
Resistivity — ohms @ — F
Chlorides — ppm.

MIDDLE
Resistivity — ohms @ — F
Chlorides — ppm.

BOTTOM
Resistivity .33 ohms @ 51° F
Chlorides 28,000 ppm.

TRILOBITE TESTING COMPANY, L.L.C.

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 4587 Date 3/21/92
Company Name OXY USA INC.
Lease LOOMIS #A-2 B-1 Test No. 1
County FINNEY Sec. 35 Twp. 22S Rng. 34W

SAMPLER RECOVERY

Gas _____ ML Chlorides 1000 ppm.
Oil _____ ML Resistivity _____ ohms @ _____ F
Mud 500 ML Viscosity 43
Water 3000 ML Mud Weight 9.1
Other _____ ML Filtrate 12
Pressure 100 PSI Other _____
Total 3500 ML _____

PIT MUD ANALYSIS

SAMPLER ANALYSIS

Resistivity 0.33 ohms @ 51 F TOP
Chlorides 28000 ppm.
Gravity _____ corrected @ 60 F

PIPE RECOVERY

Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.

MIDDLE

Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.

BOTTOM

Resistivity 0.33 ohms @ 51 F
Chlorides 28000 ppm.

TRILOBITE TESTING COMPANY L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 4587

Well Name & No.	Loomis #A-2 B-1		Test No.	1	Date	3-21-92
Company	Oxy - USA		Zone Tested	Marmaton.		
Address	P.O. Box 26100 Okla. City, OK 73126-0100		Elevation	2942 (KB)		
Co. Rep./Geo.	Jim Welch/Jerry Dean cont.		Beredco #1	Est. Ft. of Pay	8'	
Location: Sec.	35	Twp.	22 S	Rge.	34 W	Co. Finney State KS.
No. of Copies	9	Distribution Sheet	X	Yes	No	Turnkey Yes X No NO Evaluation

Interval Tested	4299 - 4315	Drill Pipe Size	4 1/2" XH
Anchor Length	16'	Top Choke — 1"	Bottom Choke — 3/4"
Top Packer Depth	4294	Hole Size — 7 7/8"	Rubber Size — 6 3/4"
Bottom Packer Depth	4299	Wt. Pipe I.D. — 2.7 Ft. Run	—
Total Depth	4315	Drill Collar — 2.25 Ft. Run	610'
Mud Wt.	9.1 lb/gal.	Viscosity	43
		Filtrate	12.0
Tool Open @ 1:45 pm Initial Blow Weak surface blow slowly built to 3"			
ISI: Bled off blow - no return.			
Final Blow Surface return in 3 mins. slowly built to 2" throughout.			

Recovery — Total Feet	200'	Feet of Gas in Pipe		Flush Tool?	No
Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	200'	Feet Of	Watery Mud	%gas	%oil
Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud
BHT	110°	°F Gravity		°API @	
RW	.33	@ 51°	°F Chlorides	28,000	ppm Recovery
			Chlorides	1,000	ppm System
(A) Initial Hydrostatic Mud	2098	PSI	AK1 Recorder No.	13309	Range
(B) First Initial Flow Pressure	30	PSI	@ (depth)	4305	w/Clock No.
(C) First Final Flow Pressure	60	PSI	AK1 Recorder No.	10332	Range
(D) Initial Shut-In Pressure	841	PSI	@ (depth)	4310	w/Clock No.
(E) Second Initial Flow Pressure	80	PSI	AK1 Recorder No.		Range
(F) Second Final Flow Pressure	121	PSI	@ (depth)		w/Clock No.
(G) Final Shut-In Pressure	861	PSI	Initial Opening	15	Test
(H) Final Hydrostatic Mud	2068	PSI	Initial Shut-In	30	Jars

TRILOBITE TESTING COMPANY SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUBSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Final Flow	45	Safety Joint	X	50.00
Final Shut-In	90	Straddle		
		Circ. Sub	X	N/C
		Sampler	X	250.00
		Extra Packer		
		Other		

Approved By Jim R. Welch
 Our Representative Rod Steinbrink

TOTAL PRICE \$ 1050.00
1000.00

TRILOBITE TESTING COMPANY, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name LOOMIS #A-2" B" 1 Test No. 2 Date 3/23/92
Company OXY USA INC. Zone Tested MORROW
Address BOX 26100 OKLAHOMA CITY OK 73126-0100 Elevation 2942 K.B.
Co. Rep./Geo. J WELCH/J DEAN Cont. BEREDCO RIG #1 Est. Ft. of Pay 10
Location: Sec. 35 Twp. 22S Rge. 34W Co. FINNEY State KS

Interval Tested 4666-4713
Anchor Length 47
Top Packer Depth 4661
Bottom Packer Depth 4666
Total Depth 4713

Drill Pipe Size 4.5 XH
Wt. Pipe I.D. - 2.7 Ft. Run _____
Drill Collar - 2.25 Ft. Run 580

Mud Wt. 9 lb / gal. Viscosity 50 Filtrate 9.6

Tool Open @ 12:44 AM Initial Blow 1/2" BLOW BUILT TO BOTTOM OF BUCKET IN 5 MIN
ISI: BLED OFF BLOW-SURFACE RETURN BUILT TO BOTTOM IN 21 MIN
Final Blow STRONG RETURN OFF BOTTOM OF BUCKET IN 4 MINUTES

Recovery — Total Feet 700 Flush Tool? NO

Rec. 1550 Feet of GAS IN PIPE ABOVE FLUID

Rec. 120 Feet of CLEAN GASSY OIL IN DRILL PIPE-25%GAS/75%OIL

Rec. 580 Feet of CLEAN GASSY OIL IN DRILL COLLARS-25%GAS/75%OIL

Rec. _____ Feet of ' (REVERSED INTO TANK)

Rec. _____ Feet of _____
BHT 114 °F Gravity 30 °API @ 46 °F Corrected Gravity 31.4 °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 1000 ppm System

(A) Initial Hydrostatic Mud 2246 PSI Ak1 Recorder No. 10332 Range 4025

(B) First Initial Flow Pressure 94.1 PSI @ (depth) 4670 w/Clock No. 27566

(C) First Final Flow Pressure 188.2 PSI AK1 Recorder No. 13309 Range 4700

(D) Initial Shut-in Pressure 1121.9 PSI @ (depth) 4708 w/Clock No. 20158

(E) Second Initial Flow Pressure 252 PSI AK1 Recorder No. _____ Range _____

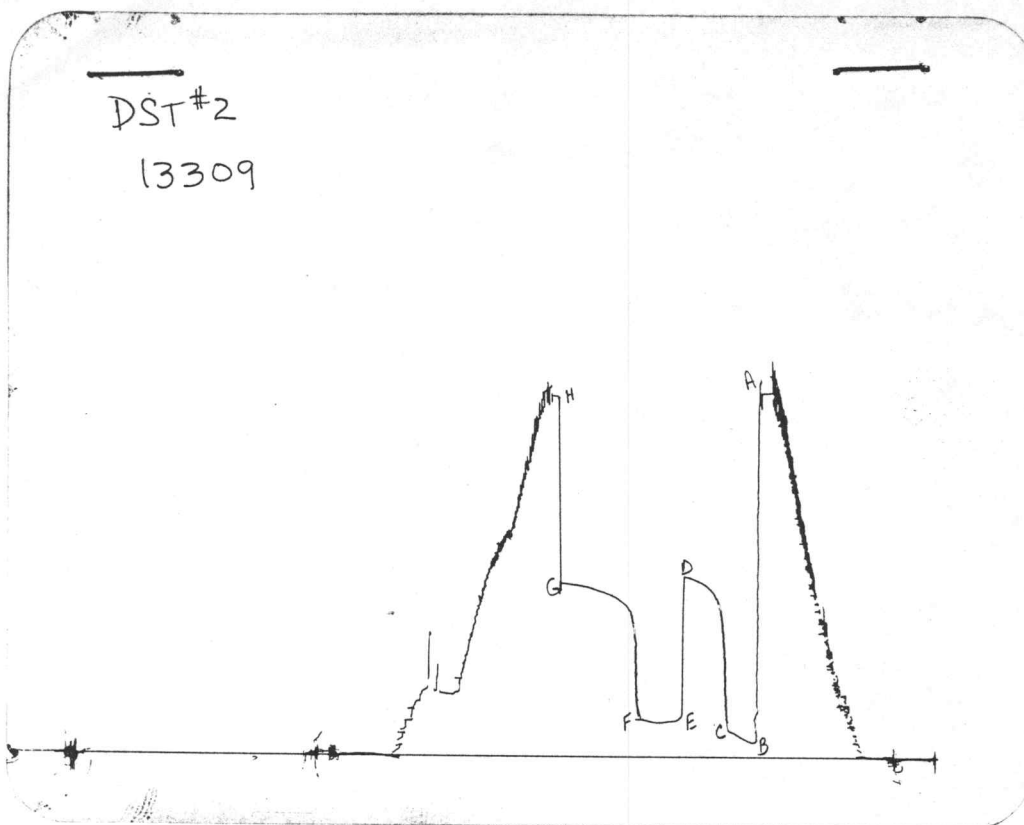
(F) Second Final Flow Pressure 257 PSI @ (depth) _____ w/Clock No. _____

(G) Final Shut-in Pressure 1088.7 PSI Initial Opening 23 Final Flow 30

(H) Final Hydrostatic Mud 2222 PSI Initial Shut-in 30 Final Shut-in 60

Our Representative ROD STEINBRINK

TOTAL PRICE \$ 1135 71085.00



POINT This is an actual photograph of recorder chart
PRESSURE

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2228	2246
(B) FIRST INITIAL FLOW PRESSURE	91	94.1
(C) FIRST FINAL FLOW PRESSURE	182	188.2
(D) INITIAL CLOSED-IN PRESSURE	1125	1121.9
(E) SECOND INITIAL FLOW PRESSURE	242	252
(F) SECOND FINAL FLOW PRESSURE	253	257
(G) FINAL CLOSED-IN PRESSURE	1094	1088.7
(H) FINAL HYDROSTATIC MUD	2208	2222

COMPUTER EVALUATION BY TRILOBITE TESTING
OXY USA INC. B-1
REPORT FOR DST#2 FOR THE LOOMIS #A-2
35-22S-34W FINNEY KANSAS

TEST PARAMETERS

ELEVATION:	2942 KB	EST. PAY:	10 FT
DATUM:	-1729	ZONE TESTED:	MORROW
TEST INTERVAL:	4666-4713		
RECORDER DEPTH:	4670	TIME INTERVALS:	23-30-30-60
BOTTOM HOLE TEMP:	114	VISCOSITY:	8.511122 CP
		HOLE SIZE:	7.875 IN

CALCULATIONS

CUBIC FEET OF GAS IN PIPE: 123.7511

TOTAL FEET OF RECOVERY: 700
BARRELS IN DRILL PIPE: 1.7064
BARRELS IN DRILL COLLARS: 2.8362
GAS OIL RATIO: 27.24234 CU.FT./BBL
BUBBLE POINT PRESSURE: ; 2.882337
TOTAL BARRELS OF RECOVERY: 4.5426

API GRAVITY: 31
UNCORR. INIT. PROD.: 123.4216 BBL/DAY

CORRECTED PIPE FILLUP: 681.6976
FLUID GRADIENT: .377

CORR. BARRELS OF RECOVERY: 4.27242 BBL
INITIAL PRODUCTION CORRECTED TO FINAL FLOW PRESSURE: 116.0808 BBL/DAY
INITIAL PRODUCTION CORRECTED TO PSEUDO STEADY FLOW STATE
83.53661

INITIAL SLOPE 382.28 PSI/CYCLE
INITIAL P* 1216 PSI

FINAL SLOPE 234.54 PSI/CYCLE
FINAL P* 1153 PSI

TRANSMISSIBILITY	80.4756 (MD.-FT./CP.)
PERMEABILITY	68.49376 (MD.)
INDICATED FLOW CAPACITY	684.9376 (MD.FT)
PRODUCTIVITY INDEX	9.093743E-02 (BARRELS/DAY/PSI)
DAMAGE RATIO	.6991047
RADIUS OF INVESTIGATION	60.25089 (FT.)
POTENTIOMETRIC SURFACE	945.8069 (FT.)
DRAWDOWN FACTOR	5.180919 (%)

CALCULATED RECOVERY ANALYSIS

DST #

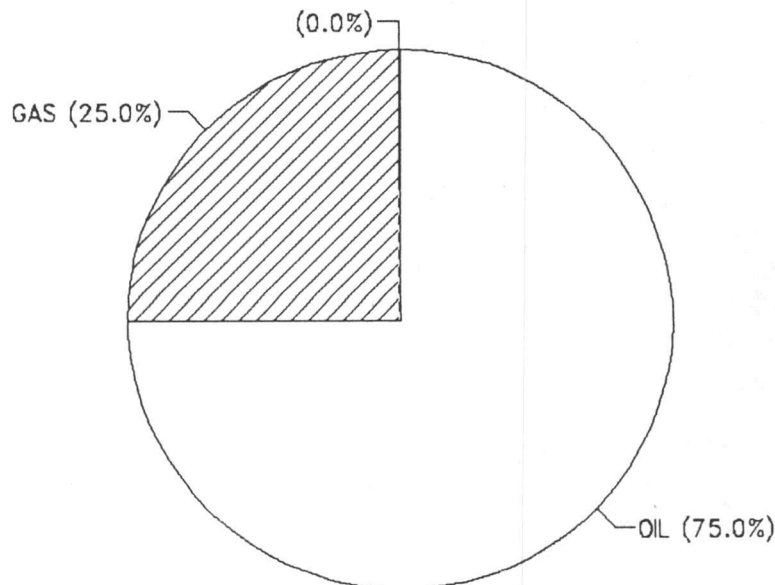
2

TICKET #

4588

SAMPLE #	TOTAL FEET	GAS		OIL		WATER		MUD	
		%	FEET	%	FEET	%	FEET	%	FEET
DRILL 1	120	25	30	75	90	0	0	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			0		0		0		0
PIPE 2			0		0		0		0
3			0		0		0		0
4			0		0		0		0
DRILL 1	580	25	145	75	435	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	700		175		525		0		0

			HRS OPEN	BBL/DAY
BBL OIL=	3.40695	*	0.75	109.0224
BBL WATER=	0	*		0
BBL MUD=	0			
BBL GAS =	1.13565			



LOOMIS #A-2
INITIAL

DST #2
SHUTIN
23 FLOW TIME

Slope -382.28 psi/cycle
P * 1,216 psi

TIME(MIN)	Pws (psi)	Horn T	Log Horn T	<> PRESSURE
3	566.0	9	0.938	566.0
6	899.3	5	0.684	333.3
9	985.7	4	0.551	86.4
12	1036.2	3	0.465	50.5
15	1066.5	3	0.404	30.3
18	1082.6	2	0.358	16.1
21	1094.7	2	0.321	12.1
24	1104.8	2	0.292	10.1
27	1113.9	2	0.268	9.1
30	1121.9	2	0.247	8.0

X

X

LOOMIS A #2
FINAL

DST #2
SHUTIN
53 TOTAL FLOW

Slope -234.54 psi/cycle
P * 1,153 psi

TIME(MIN)	Pws (psi)	Horn T	Log Horn T	<> PRESSURE
3	852.6	19	1.271	852.6
6	924.8	10	0.993	72.2
9	966.4	7	0.838	41.6
12	989.8	5	0.734	23.4
15	1005.0	5	0.656	15.2
18	1017.1	4	0.596	12.1
21	1026.2	4	0.547	9.1
24	1034.2	3	0.506	8.0
27	1041.3	3	0.472	7.1
30	1047.3	3	0.442	6.0
33	1054.4	3	0.416	7.1
36	1061.4	2	0.393	7.0
39	1067.5	2	0.373	6.1
42	1071.5	2	0.354	4.0
45	1075.2	2	0.338	3.7
48	1078.4	2	0.323	3.2
51	1080.6	2	0.309	2.2
54	1083.5	2	0.297	2.9
57	1086.4	2	0.286	2.9
60	1088.7	2	0.275	2.3

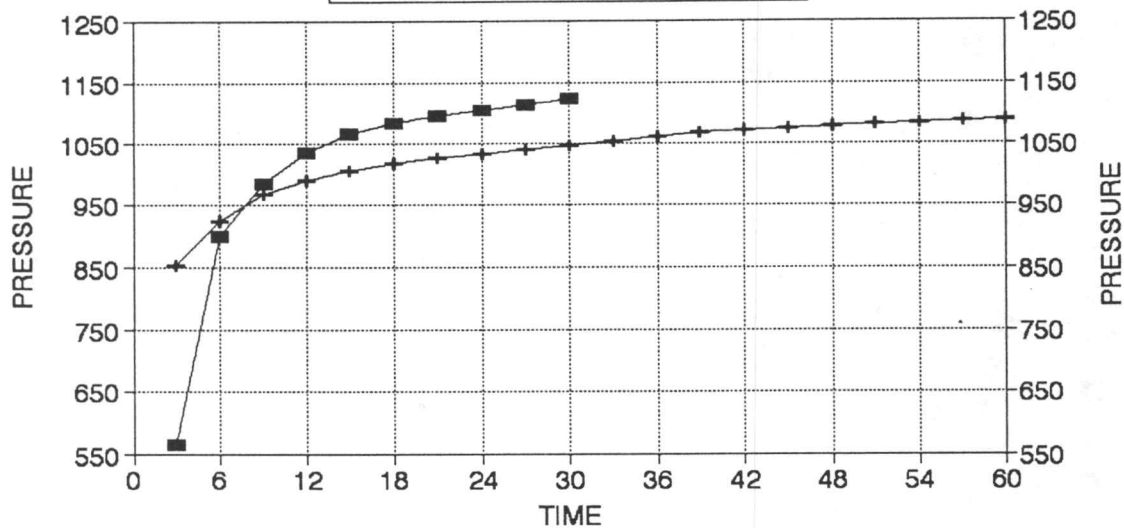
X

X

DELTA T DELTA P

DST #2 / LOOMIS #A-2

B-1

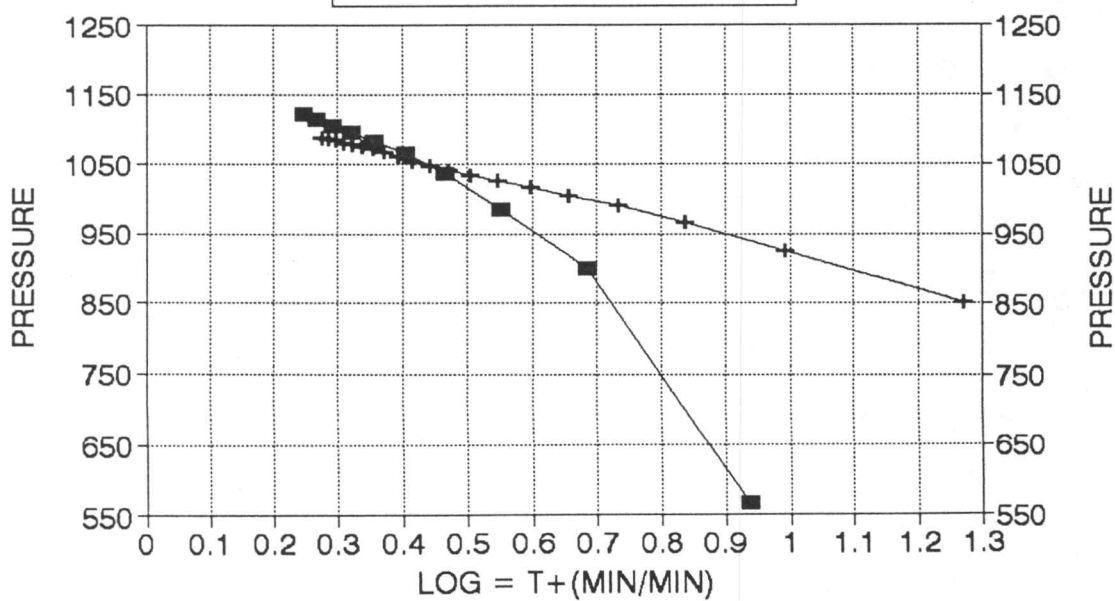


—■— INITIAL —+— FINAL

HORNER PLOT

DST #2 / LOOMIS #A-2

B-1



—■— INITIAL —+— FINAL

INITIAL FLOW

REORDER # 10332

DST #2

DT(MIN)	PRESSURE	<> PRESSURE
0	94.1	94.1
3	106.2	12.1
6	122.4	16.20001
9	137.6	15.20001
12	152.8	15.2
15	166.9	14.09999
18	179.1	12.20001
21	188.2	9.099991

FINAL FLOW

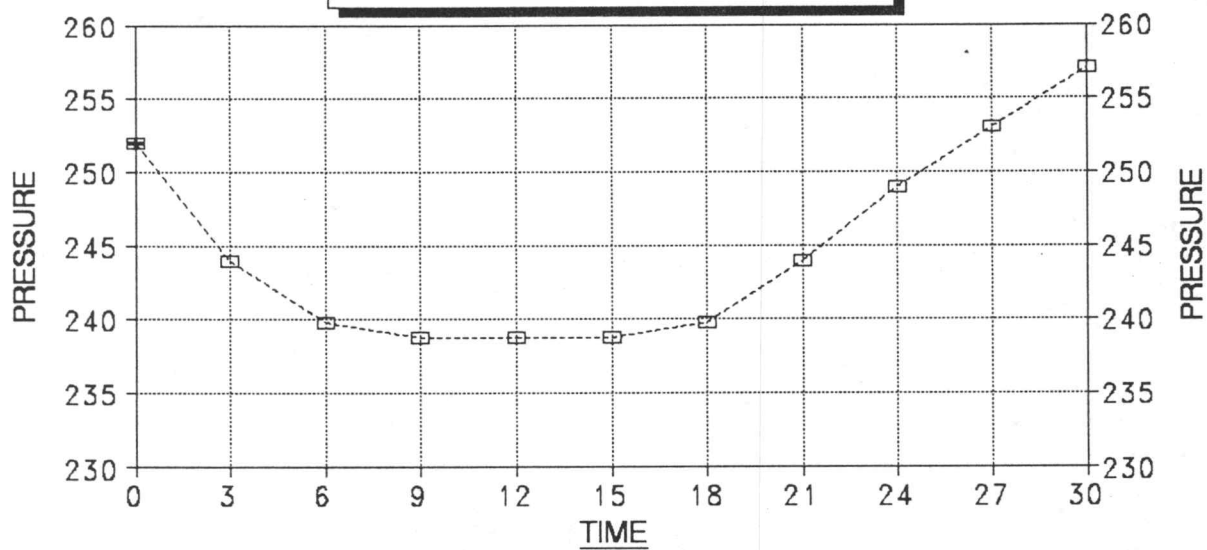
REORDER # 10332

DST #2

DT(MIN)	PRESSURE	<> PRESSURE
0	252	252
3	243.9	-8.100006
6	239.8	-4.099991
9	238.8	-1
12	238.8	0
15	238.8	0
18	239.8	1
21	243.9	4.099991
24	248.9	5
27	253	4.100006
30	257	4

DELTA T DELTA P

FINAL FLOW - DST #2



B-1
 --□-- LOOMIS A #2

INITIAL PRODUCTION CORRECTED TO PSEUDO STEADY FLOW STATE 83.53661 BBL/DAY

TRILOBITE TESTING COMPANY, L.L.C.

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 4588 Date 3/23/92
Company Name OXY USA INC.
Lease LOOMIS #A-2 B-1 Test No. 2
County FINNEY Sec. 35 Twp. 22S Rng. 34W

SAMPLER RECOVERY

Gas 4.42 cu ft ML Chlorides 1000 ppm.
Oil 3000 ML Resistivity ohms @ F
Mud ML Viscosity 50
Water ML Mud Weight 9
Other ML Filtrate 9.6
Pressure 475 PSI Other
Total 3500 ML

PIT MUD ANALYSIS

SAMPLER ANALYSIS

Resistivity ohms @ F TOP
Chlorides ppm.
Gravity corrected @ 60 F

PIPE RECOVERY

Resistivity ohms @ F
Chlorides ppm.

MIDDLE

Resistivity ohms @ F
Chlorides ppm.

BOTTOM

Resistivity ohms @ F
Chlorides ppm.

TRILOBITE TESTING COMPANY L.L.C.

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 4588 Date 3-23-92
Company Name Oxy - USA (Cont.) Beredco #1
Lease Loomis #B-1 Test No. 2 Morrow
County Finney KS Sec. 3S Twp. 22S Rng. 39W

SAMPLER RECOVERY

Gas 4.42 cu.Ft. ^{on meter} ~~500~~ ML
Oil 3,000 ML
Mud — ML
Water — ML
Other — ML
Pressure 475 * PSI
Total 3,500 ML

SAMPLER ANALYSIS

Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.
Gravity 31.4 corrected @ 60 F

PIT MUD ANALYSIS

Chlorides 1,000 ppm.
Resistivity _____ ohms @ _____ F
Viscosity 50
Mud Weight 9.0
Filtrate 9.6
Other L.C.M., 3#

PIPE RECOVERY

TOP
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.

MIDDLE
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.

BOTTOM
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.

TRILOBITE TESTING COMPANY L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 4588

Well Name & No.	Loomis #A-2 B-1		Test No.	2	Date	3-23-92
Company	Oxy - USA, Inc.		Zone Tested	Morrow		
Address	P.O. Box 2600 Oklahoma City, Ok. 73126-0100		Elevation	2942 (KB)		
Co. Rep./Geo.	Jim Welch/Jerry Dean		Cont.	Beredco #1	Est. Ft. of Pay	10'
Location: Sec.	35	Twp.	22 S	Rge.	34 W	Co. Finney State KS.
No. of Copies	9	Distribution Sheet	X	Yes	No	Turnkey Yes X No YES Evaluation

Interval Tested 4666 - 4713 Drill Pipe Size 4 1/2" XH
 Anchor Length 47' Top Choke — 1" Bottom Choke — 3/4"
 Top Packer Depth 4661 Hole Size — 77/8" Rubber Size — 63/4"
 Bottom Packer Depth 4666 Wt. Pipe I.D. — 2.7 Ft. Run
 Total Depth 4713 Drill Collar — 2.25 Ft. Run 580'
 Mud Wt. 9.0 lb/gal. Viscosity 50 Filtrate 9.6
 Tool Open @ 12:44 am Initial Blow 1/2" blow built to bottom/bucket in 5 mins
ISI: Bled off blow - surface return built to bottom in 21 mins.
 Final Blow Strong return off bottom/bucket in 4 mins

Recovery — Total Feet 700' Feet of Gas in Pipe 1550' Above Fluid Flush Tool? NO

Rec.	Feet Of	%gas	%oil	%water	%mud
Rec. <u>120'</u>	Feet Of <u>CGO in D.P. = 1.7 bbls.</u>	<u>25%</u>	<u>75%</u>	<u>0%</u>	<u>0%</u>
Rec. <u>580'</u>	Feet Of <u>CGO in D.C. = 3.65 bbls.</u>	<u>25%</u>	<u>75%</u>	<u>0%</u>	<u>0%</u>
Rec. <u>Reversed into Tank.</u>		<u>0%</u>	<u>0%</u>	<u>0%</u>	<u>0%</u>

BHT 114° °F Gravity 30 °API @ 46° °F Corrected Gravity 31.4 °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 1,000 ppm System

(A) Initial Hydrostatic Mud 2228 PSI AK1 Recorder No. 10332 Range 4025
 (B) First Initial Flow Pressure 91 PSI @ (depth) 4670 w/Clock No. 27566
 (C) First Final Flow Pressure 182 PSI AK1 Recorder No. 4108 13309 Range 4700
 (D) Initial Shut-In Pressure 1125 PSI @ (depth) 4708 w/Clock No. 20158
 (E) Second Initial Flow Pressure 242 PSI AK1 Recorder No. _____ Range _____
 (F) Second Final Flow Pressure 253 PSI @ (depth) _____ w/Clock No. _____
 (G) Final Shut-In Pressure 1094 PSI Initial Opening 23 Test 550.00
 (H) Final Hydrostatic Mud 2208 PSI Initial Shut-In 30 Jars X 200.00

TRILOBITE TESTING COMPANY SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUBSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Final Flow 30 Safety Joint X 50.00
 Final Shut-In 60 Straddle _____
 Circ. Sub X 35.00
 Sampler X 250.00

Approved By Jim R. Welch
 Our Representative Rod Steinbrink

Extra Packer _____
 other Evaluate 50.00
 TOTAL PRICE \$ 1135.00

WELL NAME LOOMIS A #2 DST # 2 RECORDER # 10332

INIT. HYD. MUD. 2218 2246.0 FINAL HYD. MUD 2194 2222.0

INITIAL FLOW
MINUTES 3
INTERVAL 23

INITIAL SHUTIN
MINUTES 3
INTERVAL 30

FINAL FLOW
MINUTES 3
INTERVAL 30

FINAL SHUTIN
MINUTES 3
INTERVAL 60

93	94.1	186	188.2	1	249	252.0	254	257.1
105	106.32	559	566.0	2	241	243.9	841	852.6
121	122.4	887	899.3	3	237	239.8	912	924.8
136	137.6	972	985.7	4	236	238.8	953	966.4
151	152.8	1022	1036.2	5	236	238.8	976	989.1
165	166.9	1052	1066.5	6	236	238.8	991	1005.0
177	179.1	1068	1082.6	7	237	239.8	1003	1017.1
186	188.2	1080	1094.7	8	241	243.9	1012	1026.7
		1090	1104.8	9	246	248.9	1020	1034.7
		1099	1113.9	10	250	253.0	1027	1041.3
		1107	1121.9	11	254	257.0	1033	1047.3
				12			1040	1054.4
				13			1047	1061.4
				14			1053	1067.5
				15			1057	1071.9
				16			1061	1075.1
				17			1064	1078.1
				18			1066	1080.1
				19			1069	1083.1
				20			1072	1086.1
				21			1074	1088.1
				22				
				23				
				24				
				25				
				26				
				27				