



TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name GARDEN CITY S-3 Test No. 1 Date 10/4/94
 Company OXY USA, INC. Zone MARMATON
 Address PO BOX 26100 OKLAHOMA CITY OK Elevation _____
 Co. Rep./Geo. TIM HEDRICK Cont. BEREDCO #4 Est. Ft. of Pay _____
 Location: Sec. 22 Twp. 23S Rge. 34W Co. FINNEY State KS

Interval Tested 4363-4395 Drill Pipe Size 4.5" XH
 Anchor Length 32 Wt. Pipe I.D. - 2.7 Ft. Run _____
 Top Packer Depth 4358 Drill Collar - 2.25 Ft. Run 613
 Bottom Packer Depth 4363 Mud Wt. 9.1 lb/Gal.
 Total Depth 4395 Viscosity 44 Filtrate 8.8

Tool Open @ 8:45 A.M. Initial Blow WEAK - BUILDING TO 1 12"

Final Blow WEAK - BUILDING TO 12"

Recovery - Total Feet 206 Flush Tool? NO

Rec. 20 Feet of CLEAN OIL
 Rec. 186 Feet of WATER
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____

BHT 127 °F Gravity _____ °API @ _____ °F Corrected Gravity 33 °API
 RW 0.15 @ _____ °F Chlorides 52000 ppm Recovery Chlorides 1200 ppm System

(A) Initial Hydrostatic Mud 2240.0 PSI AK1 Recorder No. 13754 Range 4000

(B) First Initial Flow Pressure 67.7 PSI @ (depth) 4367 w / Clock No. 27501

(C) First Final Flow Pressure 91.1 PSI AK1 Recorder No. 13849 Range 4375

(D) Initial Shut-in Pressure 1220.1 PSI @ (depth) 4391 w / Clock No. 8179

(E) Second Initial Flow Pressure 111.1 PSI AK1 Recorder No. _____ Range _____

(F) Second Final Flow Pressure 143.3 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 1206.8 PSI Initial Opening 30 Final Flow 60

(H) Final Hydrostatic Mud 2211.4 PSI Initial Shut-in 60 Final Shut-in 120

Our Representative DAN BANGLE

FLUID SAMPLER DATA

Ticket No.: 7629

Date: 10/4/94

Company: OXY USA, INC.

Lease: GARDEN CITY 5-3

Test No.: 1

County: FINNEY

Sec.: 22

Twp.: 23S

Rng.: 34W

SAMPLER RECOVERY

Gas
Oil 100
Mud
Water 3800
Other
Pressure 550
TOTAL 3900

SAMPLER ANALYSIS

Resistivity 0.15 ohms@ 70 F
Chlorides 52000 ppm.
Gravity corrected @60F

PIT MUD ANALYSIS

Chlorides 1200
Resistivity ohms@ F
Viscosity 44
Mud Wt. 9.1
Filtrate 8.8
Other

PIPE RECOVERY

TOP

Resistivity 0.15 ohms@ 70 F
Chlorides 52000 ppm

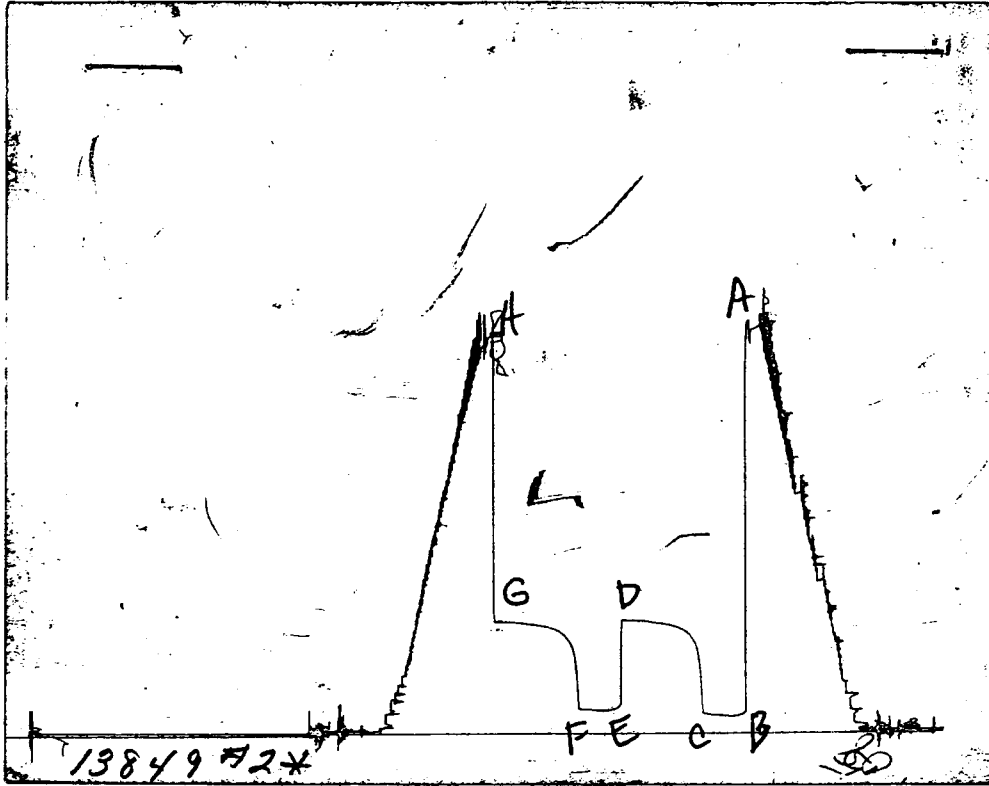
MIDDLE

Resistivity ohms@ F
Chlorides ppm

BOTTOM

Resistivity 0.15 ohms@ 70 F
Chlorides 52000 ppm

CHART PAGE



This is an actual photograph of recorder chart 13849

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2411	2408.5
(B) FIRST INITIAL FLOW PRESSURE	111	96.6
(C) FIRST FINAL FLOW PRESSURE	122	115.5
(D) INITIAL CLOSED-IN PRESSURE	665	648.6
(E) SECOND INITIAL FLOW PRESSURE	144	131.1
(F) SECOND FINAL FLOW PRESSURE	144	142.2
(G) FINAL CLOSED-IN PRESSURE	643	642
(H) FINAL HYDROSTATIC MUD	2312	2316

FLUID SAMPLER DATA

Ticket No.: 7630	Date: 10/5/94
Company: OXY USA, INC.	
Lease: GARDEN CITY 5-3	Test No.: 2
County: FINNEY	Sec.: 22 Twp.: 23S Rng.: 34W

SAMPLER RECOVERY

Gas	
Oil	
Mud	3600
Water	300
Other	
Pressure	200
TOTAL	3900

SAMPLER ANALYSIS

Resistivity	0.44	ohms@	80	F
Chlorides	12000			ppm.
Gravity			corrected @60F	

PIT MUD ANALYSIS

Chlorides	1100		
Resistivity		ohms@	F
Viscosity	47		
Mud Wt.	9.1		
Filtrate	8.4		
Other			

PIPE RECOVERY

TOP

Resistivity		ohms@	F
Chlorides			ppm

MIDDLE

Resistivity		ohms@	F
Chlorides			ppm

BOTTOM

Resistivity		ohms@	F
Chlorides			ppm