

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name DAVIS C #2 Test No. 1 Date 3/25/93
Company OXY USA, INC. Zone MORROW
Address P.O. BOX 26100 OKLAHOMA CITY OK 73126-0100 Elevation 2871
Co. Rep./Geo. JAMES MONGOLD Cont. BEREDCO DRLG #5 Est. Ft. of Pay _____
Location: Sec. 16 Twp. 31S Rge. 32W Co. SEWARD State KS

Interval Tested 5506-5526 Drill Pipe Size 4.5" XH
Anchor Length 20 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 5501 Drill Collar - 2.25 Ft. Run 741
Bottom Packer Depth 5506 Mud Wt. 8.7 lb/Gal.
Total Depth 5526 Viscosity 44 Filtrate 8

Tool Open @ 9:55 PM Initial Blow STRONG BLOW - BOTTOM OF BUCKET IN 15 SECONDS
ISI: bled off blow - weak blow - built to 1.5"
Final Blow BOTTOM OF BUCKET AS TOOL OPENED
FSI: GAS TO SURFACE IN 35 MINUTES INTO FINAL SHUTIN

Recovery - Total Feet 15 Flush Tool? NO

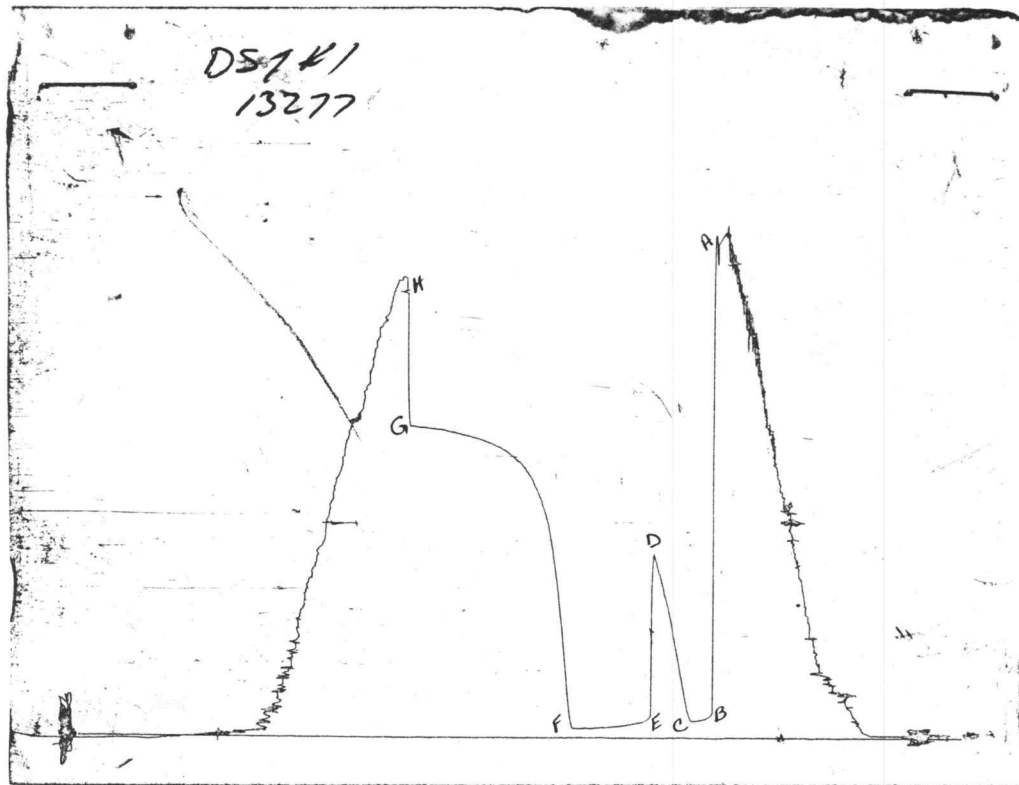
Rec. 15 Feet of GASSY DRILLING MUD
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 124 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 3000 ppm System

(A) Initial Hydrostatic Mud 2622.3 PSI AK1 Recorder No. 13277 Range 4125
(B) First Initial Flow Pressure 40.7 PSI @ (depth) 5509 w / Clock No. 25813
(C) First Final Flow Pressure 35.3 PSI AK1 Recorder No. 5495 Range 4200
(D) Initial Shut-in Pressure 1067.9 PSI @ (depth) 5523 w / Clock No. 27585
(E) Second Initial Flow Pressure 26.9 PSI AK1 Recorder No. _____ Range _____
(F) Second Final Flow Pressure 19.5 PSI @ (depth) _____ w / Clock No. _____
(G) Final Shut-in Pressure 1677.8 PSI Initial Opening 15 Final Flow 60
(H) Final Hydrostatic Mud 2560.3 PSI Initial Shut-in 30 Final Shut-in 120

Our Representative TOM HORACEK

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2616	2622.3
(B) FIRST INITIAL FLOW PRESSURE	33	40.7
(C) FIRST FINAL FLOW PRESSURE	33	35.3
(D) INITIAL CLOSED-IN PRESSURE	1066	1067.9
(E) SECOND INITIAL FLOW PRESSURE	22	26.9
(F) SECOND FINAL FLOW PRESSURE	22	19.5
(G) FINAL CLOSED-IN PRESSURE	1679	1677.8
(H) FINAL HYDROSTATIC MUD	2553	2560.3

FLUID SAMPLER DATA

Ticket No.: 5662 Date: 3/25/93
Company: OXY USA, INC.
Lease: DAVIS C #2 Test No.: 1
County: SEWARD Sec.: 16 Twp.: 31S Rng.: 32W

SAMPLER RECOVERY

Gas 3500
Oil
Mud 500
Water
Other 27 CU FT
Pressure 1540
TOTAL 4000

SAMPLER ANALYSIS

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

PIT MUD ANALYSIS

Chlorides 3000
Resistivity ohms@ F
Viscosity 44
Mud Wt. 8.7
Filtrate 8
Other

PIPE RECOVERY

TOP

Resistivity ohms@ F
Chlorides ppm

MIDDLE

Resistivity ohms@ F
Chlorides ppm

BOTTOM

Resistivity ohms@ F
Chlorides ppm

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Test Ticket

No 5662

Well Name & No. <u>Davis C #2</u>	Test No. <u>#1</u>	Date <u>3-25-93</u>
Company <u>Oxy USA Inc.</u>	Zone Tested <u>Morrow</u>	
Address <u>Box 26100 Oklahoma City, OK 73126-0100</u>	Elevation <u>2871 (KB)</u>	
Co. Rep./Geo. <u>James Mongold</u>	Cont. <u>Beredco Drlg #5</u>	Est. Ft. of Pay _____
Location: Sec. <u>16</u>	Twp. <u>31</u>	Rge. <u>32</u>
	Co. <u>Seward</u>	State <u>Ks</u>
No. of Copies <u>5</u>	Distribution Sheet _____	Yes _____ No _____ Turnkey _____ Yes _____ No _____ Evaluation _____

Interval Tested <u>5506-5526</u>	Drill Pipe Size <u>4.5 x-Hole</u>
Anchor Length <u>20'</u>	Top Choke — 1" Bottom Choke — 3/4"
Top Packer Depth <u>5501</u>	Hole Size — 7 7/8" Rubber Size — 6 3/4"
Bottom Packer Depth <u>5506</u>	Wt. Pipe I.D. — 2.7 Ft. Run <u>-</u>
Total Depth <u>5526</u>	Drill Collar — 2.25 Ft. Run <u>741'</u>
Mud Wt. <u>8.7</u> lb/gal.	Viscosity <u>44</u> Filtrate <u>8.0</u>
Tool Open @ <u>9:55 pm</u>	Initial Blow <u>strong blow - BOB 15 sec.</u>
<u>FSI - Bled off blow - weak blow - built to 1 1/2 in.</u>	
Final Blow <u>BOB as tool opened.</u>	
<u>FSI - GTS 35 min. into Final shut-in</u>	

Recovery — Total Feet 15' Feet of Gas in Pipe _____ Flush Tool? NO

Rec. _____	Feet Of _____	%gas _____	%oil _____	%water _____	%mud _____
Rec. _____	Feet Of _____	%gas _____	%oil _____	%water _____	%mud _____
Rec. <u>15'</u>	Feet Of <u>Gassy Drlg mud</u>	%gas _____	%oil _____	%water _____	%mud _____
Rec. _____	Feet Of _____	%gas _____	%oil _____	%water _____	%mud _____
Rec. _____	Feet Of _____	%gas _____	%oil _____	%water _____	%mud _____

BHT 124 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

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

(A) Initial Hydrostatic Mud <u>2616</u>	PSI	Ak1 Recorder No. <u>13277</u>	Range <u>4125</u>
(B) First Initial Flow Pressure <u>33</u>	PSI	@ (depth) <u>5509</u>	w/Clock No. <u>25813</u>
(C) First Final Flow Pressure <u>33</u>	PSI	AK1 Recorder No. <u>5495</u>	Range <u>4200</u>
(D) Initial Shut-In Pressure <u>1066</u>	PSI	@ (depth) <u>5523</u>	w/Clock No. <u>27585</u>
(E) Second Initial Flow Pressure <u>22</u>	PSI	AK1 Recorder No. _____	Range _____
(F) Second Final Flow Pressure <u>22</u>	PSI	@ (depth) _____	w/Clock No. _____
(G) Final Shut-In Pressure <u>1679</u>	PSI	Initial Opening <u>15</u>	Test <u>X</u> <u>700</u>
(H) Final Hydrostatic Mud <u>2553</u>	PSI	Initial Shut-In <u>30</u>	Jars <u>X</u> <u>200</u>

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Approved By James T. Mongold Jr.

Our Representative Tom Horacek

Printcraft Printers - Hays, KS

Final Flow 60

Final Shut-In 120

Safety Joint X 50

Straddle _____

Circ. Sub _____

Sampler X 200

Extra Packer _____

Other _____

TOTAL PRICE \$ 1150.00