TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name GASKILL "A" #2 Test No. 1 Date 8/12/92

Company OXY USA INC Zone UPR LANSING

Address BOX 26100 OKLAHOMA CITY OK 73126-0100 Elevation 2704

Co. Rep./Geo. DAVID BUSHNELL Cont. NORSEMAN DRLG #1 Est. Ft. of Pay

Location: Sec. 36 Twp. 32S Rge. 33W Co. SEWARD State KS

Interval Tested 4192-4238 Drill Pipe Size 4.5 XH

Anchor Length 46 Wt. Pipe I.D. - 2.7 Ft. Run

Top Packer Depth 4187 Drill Collar – 2.25 Ft. Run 595

Bottom Packer Depth 4192 Mud Wt. 8.8 lb/Gal.

Total Depth 4238 Viscosity 44 Filtrate 9.6

Tool Open @ 8:20 PM Initial Blow 1/2" BLOW-BUILT TO BOTTOM OF BUCKET IN 15 MIN

ISI:BLED OFF BLOW-NO BLOW BACK

Final Blow WEAK BLOW - BUILT TO BOTTOM OF BUCKET IN 40 MIN

FSI:BLED OFF BLOW-NO BLOW BACK

Recovery - Total Feet 206 Flush Tool? NO

Rec. 114 Feet of DRILLING MUD WITH TRACE OF OIL

Rec. 92 Feet of SALT WATER

Rec. Feet of

Rec. Feet of

Rec. Feet of

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

RW 0.23 @ 74 °F Chlorides 30000 ppm Recovery Chlorides 2100 ppm System

(A) Initial Hydrostatic Mud 1980.3 PSI AK1 Recorder No. 13277 Range 4125

(B) First Initial Flow Pressure 61.2 PSI @ (depth) 4195 w / Clock No. 27594

(C) First Final Flow Pressure 61.2 PSI AK1 Recorder No. 11038 Range 5075

(D) Initial Shut-in Pressure 1164.5 PSI @ (depth) 4235 w / Clock No. 30418

(E) Second Initial Flow Pressure 80.6 PSI AK1 Recorder No. Range

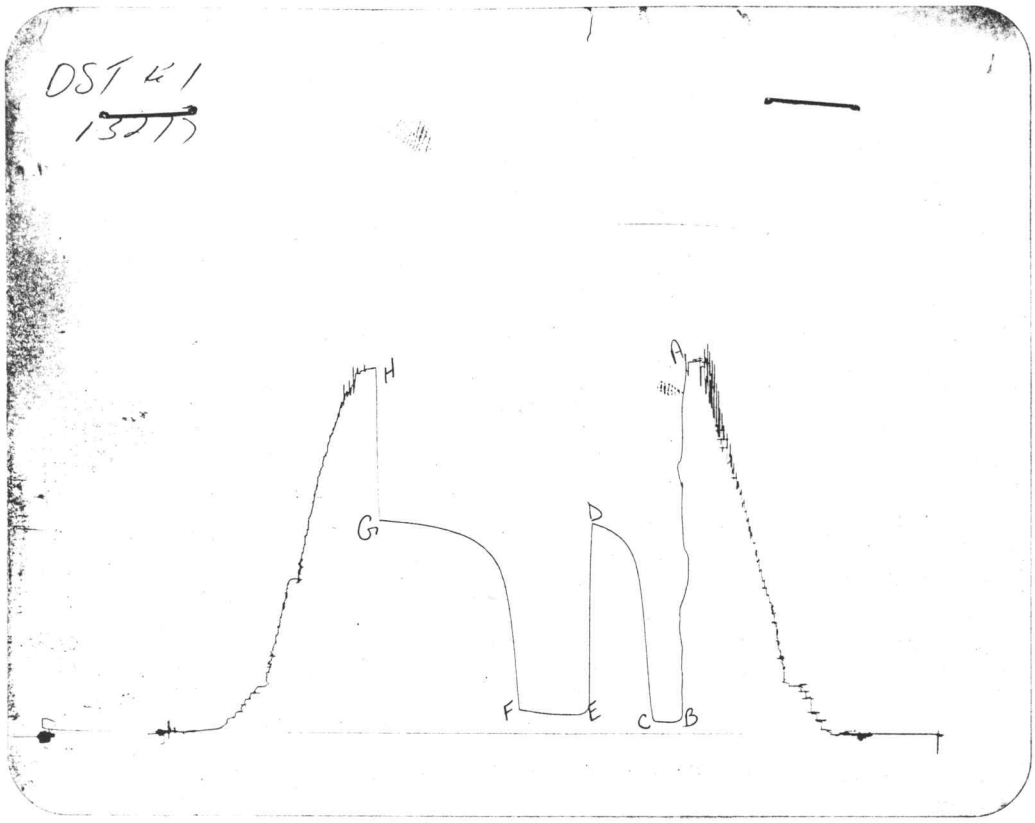
(F) Second Final Flow Pressure 137.2 PSI @ (depth) w / Clock No.

(G) Final Shut-in Pressure 1177.9 PSI Initial Opening 15 Final Flow 45

(H) Final Hydrostatic Mud 1960.3 PSI Initial Shut-in 45 Final Shut-in 90

Our Representative TOM HORACEK

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1978	1980.3
(B) FIRST INITIAL FLOW PRESSURE	55	61.2
(C) FIRST FINAL FLOW PRESSURE	55	61.2
(D) INITIAL CLOSED-IN PRESSURE	1159	1164.5
(E) SECOND INITIAL FLOW PRESSURE	82	80.6
(F) SECOND FINAL FLOW PRESSURE	136	137.2
(G) FINAL CLOSED-IN PRESSURE	1172	1177.9
(H) FINAL HYDROSTATIC MUD	1966	1960.3

FLUID SAMPLER DATA

Ticket No.: 5045 **Date:** 8/12/92

Company: OXY USA INC

Lease: GASKILL "A" #2 **Test No.:** 1

County: SEWARD **Sec.:** 36 **Twp.:** 32S **Rng.:** 33W

SAMPLER RECOVERY

Gas

Oil

Mud

Water 4000

Other

Pressure 80

TOTAL 4000

SAMPLER ANALYSIS

Resistivity 0.23 **ohms@** 74 **F**

Chlorides 30000 **ppm.**

Gravity **corrected @60F**

PIT MUD ANALYSIS

Chlorides 2100

Resistivity **ohms@** **F**

Viscosity 44

Mud Wt. 8.8

Filtrate 9.6

Other

PIPE RECOVERY

TOP

Resistivity **ohms@** **F**

Chlorides **ppm**

MIDDLE

Resistivity **ohms@** **F**

Chlorides **ppm**

BOTTOM

Resistivity 0.23 **ohms@** 74 **F**

Chlorides 30000 **ppm**

TRILOBITE TESTING COMPANY

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 5045 Date 8-12-92

Company Name OXY USA Inc.

Lease Gaskill A #2 Test No. #1

County Seward Ks. Sec. 36 Twp. 32 s Rng. 33w

SAMPLER RECOVERY

Gas _____ ML

Oil _____ ML

Mud _____ ML

Water 4000 ML

Other _____ ML

Pressure 80 PSI

Total 4000 ML

PIT MUD ANALYSIS

Chlorides _____ ppm.

Resistivity _____ ohms @ _____ F

Viscosity 44

Mud Weight 8.8

Filtrate 9.6

Other _____

SAMPLER ANALYSIS

Resistivity .23 ohms @ 74 F

Chlorides 30,000 ppm.

Gravity _____ corrected @ 60 F

PIPE RECOVERY

TOP

Resistivity _____ ohms @ _____ F

Chlorides _____ ppm.

MIDDLE

Resistivity _____ ohms @ _____ F

Chlorides _____ ppm.

BOTTOM

Resistivity .23 ohms @ 74 F

Chlorides 30,000 ppm.

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name: GASKILL "A" #2 — Test No.: 2 — Date: 8/15/92

Company: OXY USA INC — Zone: ATOKA

Address: BOX 26100 OKLAHOMA CITY OK 73126-0100 — Elevation: 2704

Co. Rep./Geo.: DAVID BUSHNELL — Cont.: NORSEMAN DRLG #1 — Est. Ft. of Pay:

Location: Sec.: 36 — Twp.: 32S — Rge.: 33W — Co.: SEWARD — State: KS

Interval Tested: 5264-5308

Anchor Length: 44

Top Packer Depth: 5259

Bottom Packer Depth: 5264

Total Depth: 5308

Drill Pipe Size: 4.5 XH

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

Drill Collar – 2.25 Ft. Run: 595

Mud Wt.: 9 lb/Gal.

Viscosity: 46 — Filtrate: 10

Tool Open @: 8:05 PM — Initial Blow: WEAK BLOW BUILT TO 1"

ISI:BLED OFF BLOW-NO BLOW BACK

Final Blow: WEAK BLOW-BUILT TO 3/4"

FSI:NO BLOW BACK

Recovery - Total Feet: 20 — Flush Tool?: NO

Rec. 20 — Feet of: DRILLING MUD

Rec. — Feet of:

Rec. — Feet of:

Rec. — Feet of:

Rec. — Feet of:

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

RW: @ °F — Chlorides: ppm Recovery — Chlorides: 1400 ppm System

(A) Initial Hydrostatic Mud: 2711.6 PSI — AK1 Recorder No.: 13277 — Range: 4125

(B) First Initial Flow Pressure: 45.6 PSI — @ (depth): 5268 — w / Clock No.: 27594

(C) First Final Flow Pressure: 45.6 PSI — AK1 Recorder No.: 11038 — Range: 5075

(D) Initial Shut-in Pressure: 70.2 PSI — @ (depth): 5305 — w / Clock No.: 30418

(E) Second Initial Flow Pressure: 45.6 PSI — AK1 Recorder No.: — Range:

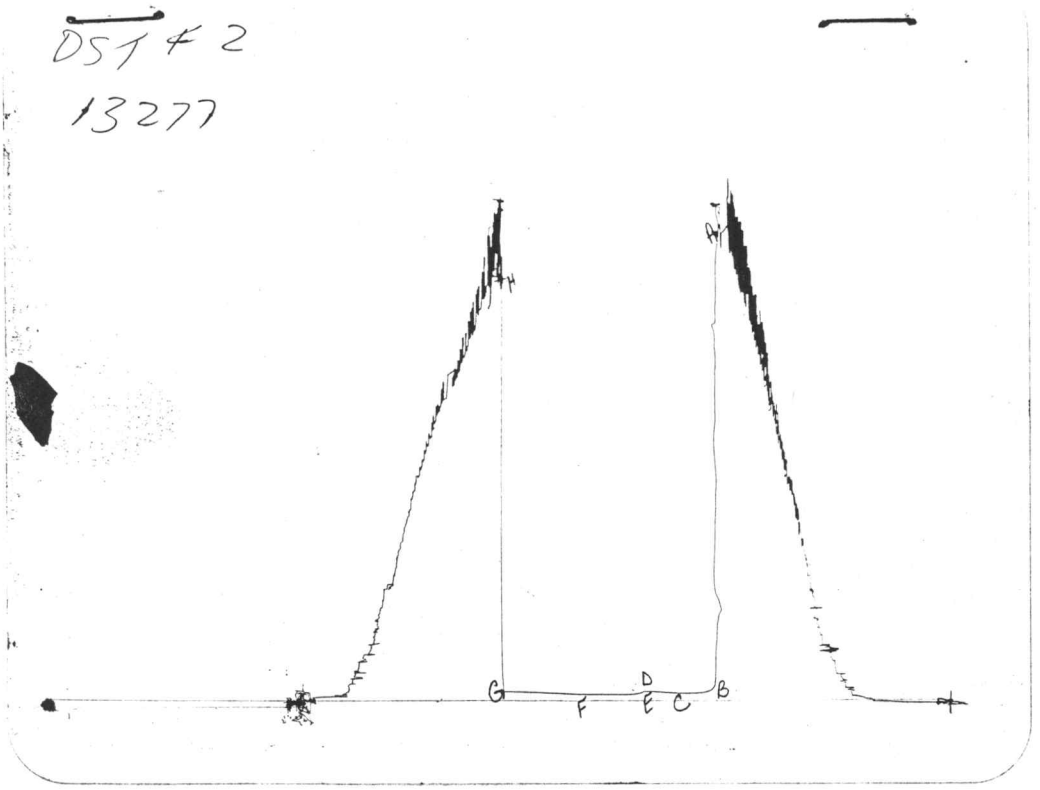
(F) Second Final Flow Pressure: 45.6 PSI — @ (depth): — w / Clock No.:

(G) Final Shut-in Pressure: 60.3 PSI — Initial Opening: 15 — Final Flow: 30

(H) Final Hydrostatic Mud: 2633.7 PSI — Initial Shut-in: 30 — Final Shut-in: 60

Our Representative: TOM HORACEK

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2709	2711.6
(B) FIRST INITIAL FLOW PRESSURE	41	45.6
(C) FIRST FINAL FLOW PRESSURE	41	45.6
(D) INITIAL CLOSED-IN PRESSURE	68	70.2
(E) SECOND INITIAL FLOW PRESSURE	41	45.6
(F) SECOND FINAL FLOW PRESSURE	41	45.6
(G) FINAL CLOSED-IN PRESSURE	55	60.3
(H) FINAL HYDROSTATIC MUD	2632	2633.7

FLUID SAMPLER DATA

Ticket No.: 5046 Date: 8/15/92

Company: OXY USA INC

Lease: GASKILL "A" #2 Test No.: 2

County: SEWARD Sec.: 36 Twp.: 32S Rng.: 33W

SAMPLER RECOVERY

Gas

Oil

Mud 4000

Water

Other

Pressure 30

TOTAL 4000

SAMPLER ANALYSIS

Resistivity ohms@ F

Chlorides ppm.

Gravity corrected @60F

PIT MUD ANALYSIS

Chlorides 1400

Resistivity ohms@ F

Viscosity 46

Mud Wt. 9

Filtrate 10

Other

PIPE RECOVERY

TOP

Resistivity ohms@ F

Chlorides ppm

MIDDLE

Resistivity ohms@ F

Chlorides ppm

BOTTOM

Resistivity ohms@ F

Chlorides ppm

TRILOBITE TESTING COMPANY

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 5046 Date 8-15-92

Company Name Oxy USA Inc.

Lease Gaskill A #2 Test No. #2

County Seward Ks. Sec. 36 Twp. 32 Rng. 33

SAMPLER RECOVERY

Gas _____ ML

Oil _____ ML

Mud 4,000 ML

Water _____ ML

Other _____ ML

Pressure 30 PSI

Total 4,000 ML

PIT MUD ANALYSIS

Chlorides _____ ppm.

Resistivity _____ ohms @ _____ F

Viscosity 46

Mud Weight 9.0

Filtrate 10.0

Other _____

SAMPLER ANALYSIS

Resistivity _____ ohms @ _____ F

Chlorides _____ ppm.

Gravity _____ corrected @ 60 F

PIPE RECOVERY

TOP

Resistivity _____ ohms @ _____ F

Chlorides _____ ppm.

MIDDLE

Resistivity _____ ohms @ _____ F

Chlorides _____ ppm.

BOTTOM

Resistivity _____ ohms @ _____ F

Chlorides _____ ppm.

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name GASKILL "A" #2 Test No. 3 Date 8/17/92

Company OXY USA INC Zone N/A

Address BOX 26100 OKLAHOMA CITY OK 73126-0100 Elevation 2704

Co. Rep./Geo. DAVID BUSHNELL Cont. NORSEMAN DRLG #1 Est. Ft. of Pay

Location: Sec. 36 Twp. 32S Rge. 33W Co. SEWARD State KS

Interval Tested 5760-5795

Anchor Length 35

Top Packer Depth 5755

Bottom Packer Depth 5760

Total Depth 5795

Drill Pipe Size 4.5 XH

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

Drill Collar – 2.25 Ft. Run 626

Mud Wt. 9 lb/Gal.

Viscosity 53 Filtrate 8.8

Tool Open @ 10:35 PM Initial Blow 1" BLOW-BUILT TO 8"

ISI:BLED OFF BLOW-WEAK BLOW - BUILT TO 4"

Final Blow STRONG BLOW - BUILT TO BOTTTOM OF BUCKET IN 15 MINUTES

FSI:BLED OFF BLOW-WEAK BLOW-BUILT TO 8"

Recovery - Total Feet 30 Flush Tool? NO

Rec. 1600 Feet of GAS IN PIPE

Rec. 30 Feet of GASSY DRILLING MUD-5%GAS/95%MUD

Rec. Feet of

Rec. Feet of

Rec. Feet of

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

RW @ °F Chlorides ppm Recovery Chlorides 1500 ppm System

(A) Initial Hydrostatic Mud 2877.3 PSI AK1 Recorder No. 13277 Range 4125

(B) First Initial Flow Pressure 31.2 PSI @ (depth) 5764 w / Clock No. 27594

(C) First Final Flow Pressure 31.2 PSI AK1 Recorder No. 11038 Range 5075

(D) Initial Shut-in Pressure 31.2 PSI @ (depth) 5792 w / Clock No. 30418

(E) Second Initial Flow Pressure 45.6 PSI AK1 Recorder No. Range

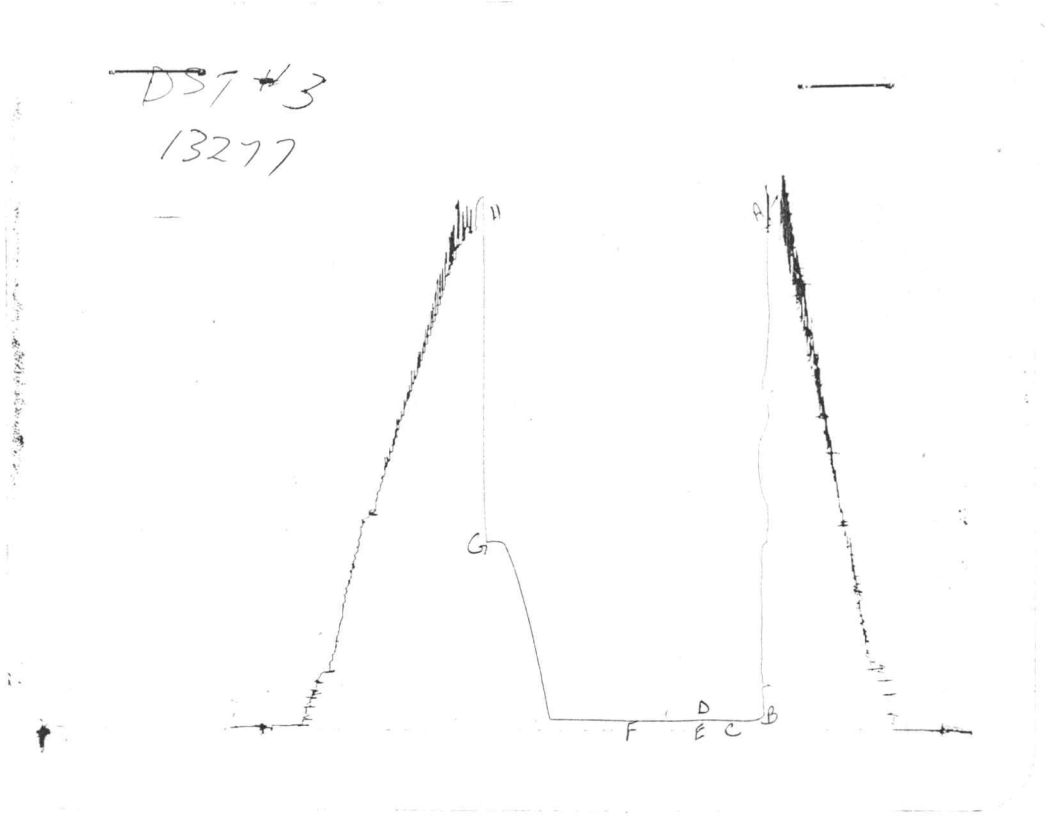
(F) Second Final Flow Pressure 45.6 PSI @ (depth) w / Clock No.

(G) Final Shut-in Pressure 1030.7 PSI Initial Opening 15 Final Flow 45

(H) Final Hydrostatic Mud 2814.9 PSI Initial Shut-in 30 Final Shut-in 90

Our Representative TOM HORACEK

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2863	2877.3
(B) FIRST INITIAL FLOW PRESSURE	27	31.2
(C) FIRST FINAL FLOW PRESSURE	27	31.2
(D) INITIAL CLOSED-IN PRESSURE	27	31.2
(E) SECOND INITIAL FLOW PRESSURE	41	45.6
(F) SECOND FINAL FLOW PRESSURE	41	45.6
(G) FINAL CLOSED-IN PRESSURE	1033	1030.7
(H) FINAL HYDROSTATIC MUD	2812	2814.9

FLUID SAMPLER DATA

Ticket No.: 5047 Date: 8/17/92

Company: OXY USA INC

Lease: GASKILL "A" #2 Test No.: 3

County: SEWARD Sec.: 36 Twp.: 32S Rng.: 33W

SAMPLER RECOVERY

Gas

Oil

Mud 4000

Water

Other

Pressure 600

TOTAL 4000

SAMPLER ANALYSIS

Resistivity ohms@ F

Chlorides ppm.

Gravity corrected @60F

PIT MUD ANALYSIS

Chlorides 1500

Resistivity ohms@ F

Viscosity 53

Mud Wt. 9

Filtrate 8.8

Other

PIPE RECOVERY

TOP

Resistivity ohms@ F

Chlorides ppm

MIDDLE

Resistivity ohms@ F

Chlorides ppm

BOTTOM

Resistivity ohms@ F

Chlorides ppm

TRILOBITE TESTING COMPANY

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 5047 Date 8-17-92

Company Name OXY USA

Lease Gaskill A #2 Test No. #3

County Seward Sec. 36 Twp. 32 Rng. 33

SAMPLER RECOVERY

Gas _____ ML

Oil _____ ML

Mud 4,000 ML

Water _____ ML

Other _____ ML

Pressure 600 PSI

Total 4,000 ML

PIT MUD ANALYSIS

Chlorides _____ ppm.

Resistivity _____ ohms @ _____ F

Viscosity 53

Mud Weight 9.0

Filtrate 8.8

Other _____

SAMPLER ANALYSIS

Resistivity _____ ohms @ _____ F

Chlorides _____ ppm.

Gravity _____ corrected @ 60 F

PIPE RECOVERY

TOP

Resistivity _____ ohms @ _____ F

Chlorides _____ ppm.

MIDDLE

Resistivity _____ ohms @ _____ F

Chlorides _____ ppm.

BOTTOM

Resistivity _____ ohms @ _____ F

Chlorides _____ ppm.