TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name #17 BENDER "A" Test No. 1 Date 4/1/93

Company OXY USA, INC. Zone ARBUCKLE

Address 110 S MAIN WICHITA KS 67202 Elevation 1883

Co. Rep./Geo. GARY WAGNER Cont. ABERCROMBIE DRLG RIG #8 Est. Ft. of Pay 1

Location: Sec. 25 Twp. 15S Rge. 14W Co. RUSSELL State KS

Interval Tested 3307-3325 Drill Pipe Size 4.5" XH

Anchor Length 18 Wt. Pipe I.D. - 2.7 Ft. Run 400

Top Packer Depth 3302 Drill Collar – 2.25 Ft. Run

Bottom Packer Depth 3307 Mud Wt. 9.3 lb/Gal.

Total Depth 3325 Viscosity 44 Filtrate 8.8

Tool Open @ 11:53 Initial Blow STRONG BLOW-10 MIN/5" - 20 MIN/9" - 28 MIN/BOTTOM OF BUCKET 13" / VERY WEAK BLOWBACK 1/4"

Final Blow STRONG BLOW - 10 MIN/6" - 20 MIN/10" - 27 MIN BOTTOM OF BUCKET 13" / VERY WEAK BLOWBACK 1/4"

Recovery - Total Feet 200 Flush Tool? NO

Rec. 300 Feet of GAS IN PIPE

Rec. 140 Feet of CLEAN GASSY OIL

Rec. 60 Feet of GAS & OIL CUT MUD-30%GAS/25%OIL/45%MUD

Rec. Feet of

Rec. Feet of

BHT 102 °F Gravity 36 °API @ 60 °F Corrected Gravity 36 °API

RW @ °F Chlorides ppm Recovery Chlorides 8000 ppm System

(A) Initial Hydrostatic Mud 1714.5 PSI AK1 Recorder No. 13198 Range 3925

(B) First Initial Flow Pressure 15.6 PSI @ (depth) 3310 w / Clock No. 25814

(C) First Final Flow Pressure 27.9 PSI AK1 Recorder No. 11058 Range 4475

(D) Initial Shut-in Pressure 1081.4 PSI @ (depth) 3322 w / Clock No. 31154

(E) Second Initial Flow Pressure 40.6 PSI AK1 Recorder No. Range

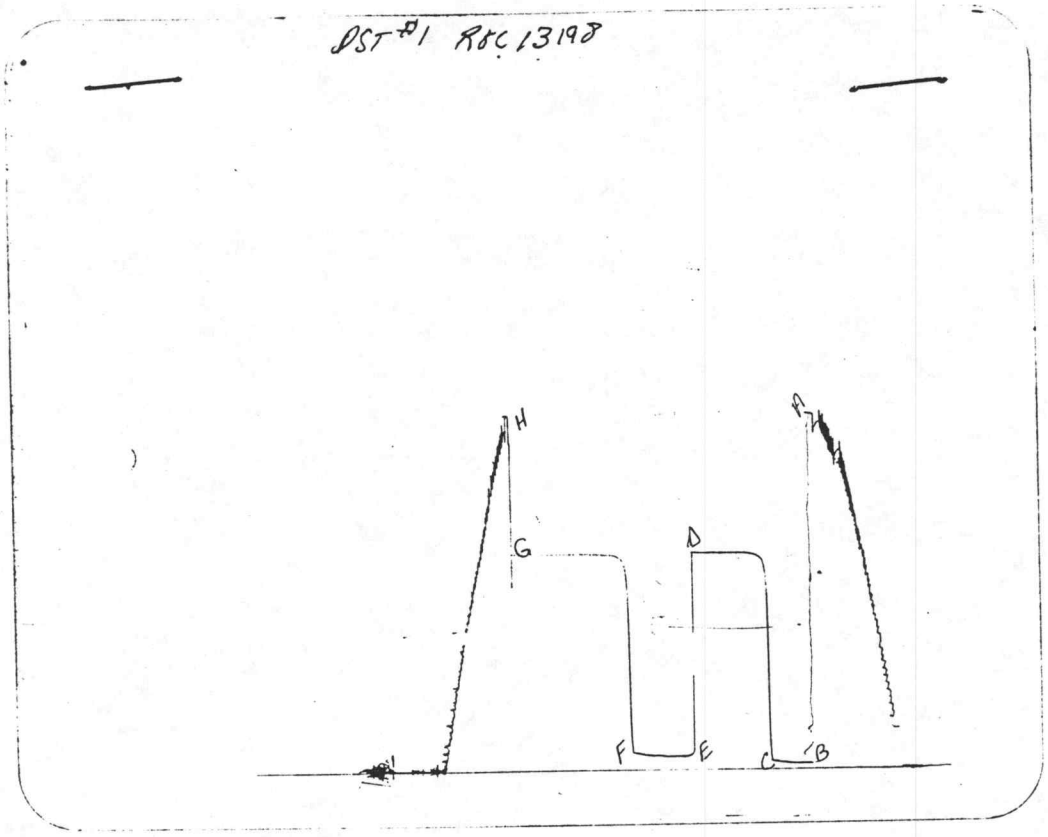
(F) Second Final Flow Pressure 77.8 PSI @ (depth) w / Clock No.

(G) Final Shut-in Pressure 1077.9 PSI Initial Opening 30 Final Flow 45

(H) Final Hydrostatic Mud 1670.8 PSI Initial Shut-in 60 Final Shut-in 90

Our Representative JOHN RIEDL

CHART PAGE



This is an actual photograph of recorder chart

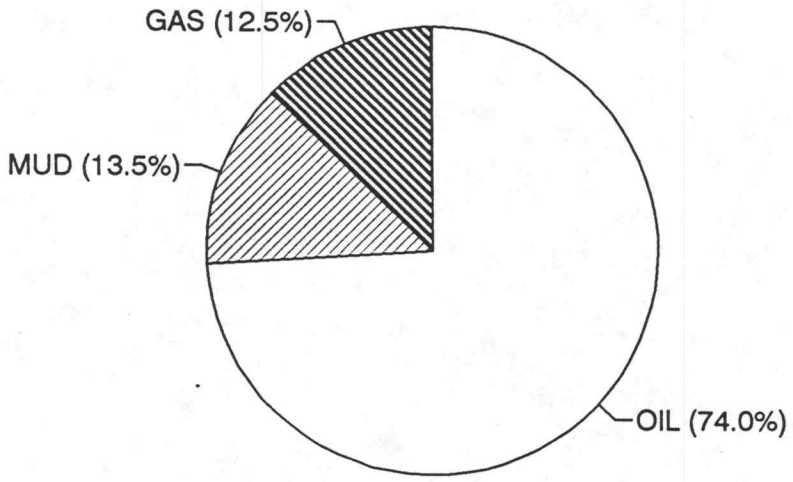
	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1702	1714.5
(B) FIRST INITIAL FLOW PRESSURE	13	15.6
(C) FIRST FINAL FLOW PRESSURE	29	27.9
(D) INITIAL CLOSED-IN PRESSURE	1076	1081.4
(E) SECOND INITIAL FLOW PRESSURE	38	40.6
(F) SECOND FINAL FLOW PRESSURE	71	77.8
(G) FINAL CLOSED-IN PRESSURE	1071	1077.9
(H) FINAL HYDROSTATIC MUD	1679	1670.8

CALCULATED RECOVERY ANALYSIS WEIGHT PIPE

DST # 1 TICKET # 5716

SAMPLE	TOTAL		GAS		OIL		WATER		MUD
#	FEET	%	FEET	%	FEET	%	FEET	%	FEET
1	140	5	7	95	133	0	0	0	0
2	60	30	18	25	15	0	0	45	27
3			0		0		0		0
4			0		0		0		0
5			0		0		0		0
TOTAL	200	12.5	25	74	148	0	0	13.5	27

			HRS OPEN	BBL/DAY
BBL OIL=	1.036	*	1.25	19.8912
BBL WATER=	0	*		0
BBL MUD=	0.189			
BBL GAS=	0.175			



TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

№ 5716

Well Name & No. BENDER Test No. 1 Date 4/1/93

Company OXY U.S.A. INC. Zone Tested ARBUCKLE

Address 110 S MAIN #860 WICHITA KS 67202 Elevation 1883 G.L.

Co. Rep./Geo. GARY WAGNER Cont. ABERCROMBIE RIG 8 Est. Ft. of Pay 1'

Location: Sec. 25 Twp. 15S Rge. 14W Co. RUSSELL State KS

No. of Copies 5 Distribution Sheet ____ Yes ____ (No) Turnkey ____ Yes ____ (No) NO Evaluation

Interval Tested 3307-3325 Drill Pipe Size 4½ XH

Anchor Length 18 FT Top Choke — 1" ____ Bottom Choke — ¾" ____

Top Packer Depth 3302 Hole Size — 7⅞" ____ Rubber Size — 6¾" ____

Bottom Packer Depth 3307 Wt. Pipe I.D. — 2.7 Ft. Run 400 FT

Total Depth 3325 Drill Collar — 2.25 Ft. Run 0

Mud Wt. 9.3 lb / gal. Viscosity 44 Filtrate 8.8

Tool Open @ 11:53 Initial Blow STRONG BLOW 10 MIN - 5" 20 MIN 9" 28 MIN-BOB. 13" V.W. BLOWBACK ¼"

Final Blow STRONG BLOW 10 MIN - 6" 20 MIN 10" 27" B.O.B. 13" V.W. BLOWBACK ¼"

Recovery — Total Feet 200 Feet of Gas in Pipe 300' Flush Tool? NO

Rec. 140	Feet Of CLEAN GASSY OIL	%gas	%oil	%water	%mud	
Rec. 60	Feet Of GAST OIL CUT MUD	30 %gas	25 %oil	%water	45 %mud	
Rec. ____	Feet Of ____	%gas	%oil	%water	%mud	
Rec. ____	Feet Of ____	%gas	%oil	%water	%mud	
Rec. ____	Feet Of ____	%gas	%oil	%water	%mud	

BHT 102 °F Gravity 36 °API @ 60° °F Corrected Gravity 36 °API

RW ____ @ ____ °F Chlorides ____ ppm Recovery Chlorides 8,000 ppm System

(A) Initial Hydrostatic Mud	1702 PSI	AK1 Recorder No.	13198 WHITE	Range	3925
(B) First Initial Flow Pressure	13 PSI	@ (depth)	3310	w/Clock No.	25814
(C) First Final Flow Pressure	29 PSI	AK1 Recorder No.	11058 BLACK RCRD	Range	4415
(D) Initial Shut-In Pressure	1076 PSI	@ (depth)	3322	w/Clock No.	31154
(E) Second Initial Flow Pressure	38 PSI	AK1 Recorder No.	____	Range	—
(F) Second Final Flow Pressure	71 PSI	@ (depth)	—	w/Clock No.	—
(G) Final Shut-In Pressure	1071 PSI	Initial Opening	30	Test	✓ 600.00
(H) Final Hydrostatic Mud	1679 PSI	Initial Shut-In	60	Jars	____
		Final Flow	45	Safety Joint	✓ 50.00
		Final Shut-In	90	Straddle	____
				Circ. Sub	____
				Sampler	____
				Extra Packer	____
				Other	____
				TOTAL PRICE $	650.00

Approved By [signature]

Our Representative John Reid

Printcraft Printers Hays, KS