

15-081-21343

Branstetter 'B' 1
TRILOBITE TESTING L.L.C.

36-27s-34w

OPERATOR : Oxy USA Inc. DATE 9-6-00
 WELL NAME: Branstetter A #7 KB 3041.00 ft TICKET NO: 13390 DST #1
 LOCATION : 36-27s-34w GR 3028.00 ft FORMATION: Lansing
 INTERVAL : 4205.00 To 4220.00 ft TD 4220.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	11058		2346			PF Fr. 2150 to 2220 hr
SI 60 Range(Psi)	4500.0	0.0	4995.0	0.0	0.0	IS Fr. 2220 to 2320 hr
SF 60 Clock(hrs)	12		alpin			SF Fr. 2320 to 1220 hr
FS 120 Depth(ft)	4217.0	0.0	4206.0	0.0	0.0	FS Fr. 1220 to 0220 hr

	Field	1	2	3	4	
A. Init Hydro	0.0	0.0	2056.0	0.0	0.0	T STARTED 1935 hr
B. First Flow	0.0	0.0	158.0	0.0	0.0	T ON BOTM 2147 hr
B1. Final Flow	0.0	0.0	504.0	0.0	0.0	T OPEN 2150 hr
C. In Shut-in	0.0	0.0	1079.0	0.0	0.0	T PULLED 0220 hr
D. Init Flow	0.0	0.0	537.0	0.0	0.0	T OUT 0505 hr
E. Final Flow	0.0	0.0	856.0	0.0	0.0	
F. Fl Shut-in	0.0	0.0	1107.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	0.0	0.0	2002.0	0.0	0.0	Tool Wt. 4000.00 lbs
Inside/Outside	i		o			Wt Set On Packer 26000.00 lbs
						Wt Pulled Loose 80000.00 lbs
						Initial Str Wt 64000.00 lbs
						Unseated Str Wt 69000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 218.00 ft
						D.P. Length 3972.00 ft

RECOVERY

Tot Fluid 1800.00 ft of 218.00 ft in DC and 1582.00 ft in DP
 270.00 ft of Slightly oil cut water
 0.00 ft of 5% oil 95% water trace of mud
 1530.00 ft of Salt water
 0.00 ft of 100% water
 0.00 ft of
 0.00 ft of
 0.00 ft of
 SALINITY 68500.00 P.P.M. A.P.I. Gravity 0.00

MUD DATA-----

Mud Type	Chemical
Weight	9.00 lb/c
Vis.	45.00 S/L
W.L.	0.00 in3
F.C.	0.00 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	118.00 F
Hole Condition	good
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out N	
Tool Chased N	
Tester	Shane McBride
Co. Rep.	Tom Hefflin
Contr.	Cheyenne
Rig #	12
Unit #	
Pump T.	

BLOW DESCRIPTION

Initial Flow:
 Bottom of bucket in 2 minutes.
 Initial Shut-In:
 No return
 Final Flow:
 Bottom of bucket in 2 1/2 minutes.
 Final Shut-In:
 No return.

SAMPLES:
SENT TO:

Test Successful: Y

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*** TOOL DIAGRAM *** CONVENTIONAL

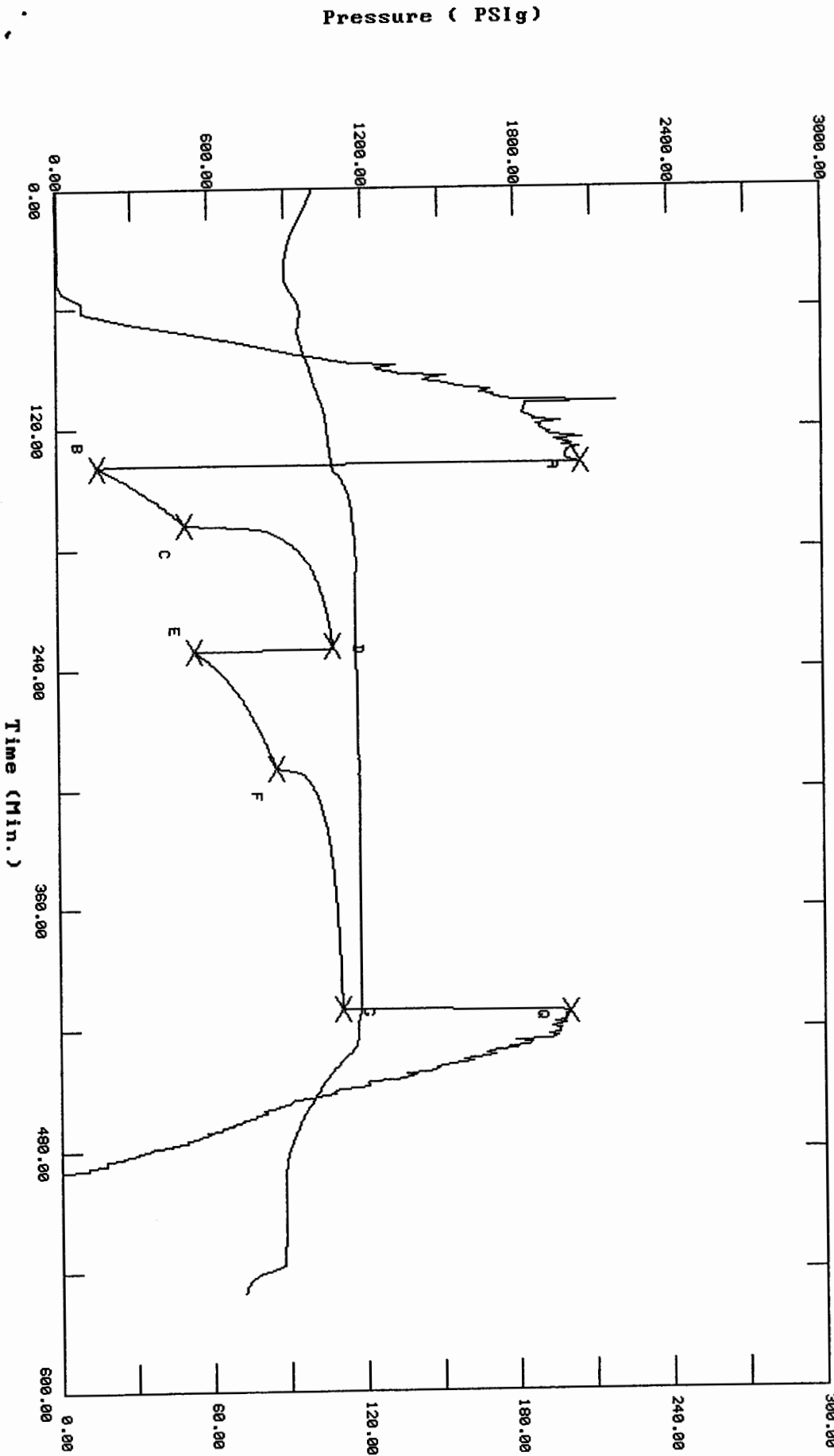
WELL NAME: Branstetter A #7	P.O. SUB	
	C.O. SUB 1'	4174
LOCATION : 36-27s-34w	S.I. TOOL 5'	4180
TICKET No. 13390 D.S.T. No. 1 DATE 9-6-00	sampler 3'	4183
TOTAL TOOL TO BOTTOM OF TOP PACKERS 30	HMV 5'	4188
INTERVAL TOOL		
BOTTOM PACKERS AND ANCHOR 15	JARS 5'	4193
TOTAL TOOL 45		
DRILL COLLAR ANCHOR IN INTERVAL		
D.C. ANCHOR STND.Stands Single Total	SAFETY JOINT 2'	4195
D.P. ANCHOR STND.Stands Single Total	PACKER top	4200
TOTAL ASSEMBLY 45	PACKER bottom	4205
D.C. ABOVE TOOLS.Stands2 Single 1 Total 218	DEPTH 4205	
D.P. ABOVE TOOLS.Stands42 Single 2 Total 3972	1'	4206
TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4235	ANCHOR alpine recorder	4206
	9' perf	4215
TOTAL DEPTH 4220	ak-1 recorder	4217
TOTAL DRILL PIPE ABOVE K.B. 15		
REMARKS:		
AK-1 Clock stopped		
Oil:		
Mud:		
Water: 4,000 ml.		
Total: 4,000 ml.		
Pressure 80 psi.		
Chlorides in sampler 68,500 rw .112 @ 72°F		
	BULLNOSE 5' bullplug perf	4220
	T.D.	4220

13390 DST #1 Branstetter A #7 Oxy U.S.A.

TEST HISTORY

Flag Points

Flag Points	t(Min.)	P(PSig)
A:	0.00	2056.42
B:	0.00	158.76
C:	29.00	504.03
D:	61.00	1079.41
E:	0.00	537.13
F:	59.00	856.65
G:	120.00	1107.73
H:	0.00	2002.33



Temperature (DEG F)

Pressure (PSig)

Time (Min.)

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P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 13390 Date 9-6-00
Company Name Oxy USA Inc.
Lease Bramstetter A #7 Test No. #1
County Haskell, Ks Sec. 36 Twp. 27S Rng. 34W

SAMPLER RECOVERY

Gas _____ ML
Oil — ML
Mud _____ ML
Water 4,000 ML
Other _____ ML
Pressure 80 psi PSI
Total 4,000 ML

PIT MUD ANALYSIS

Chlorides 2400 ppm.
Resistivity _____ ohms @ _____ F
Viscosity 45
Mud Weight 9.0
Filtrate —
Other _____

SAMPLER ANALYSIS

Resistivity .112 ohms @ 72 F
Chlorides 60,500 ppm.
Gravity — corrected @ 60 F

PIPE RECOVERY

TOP
Resistivity .112 ohms @ 72 F
Chlorides 60,500 ppm.

MIDDLE

Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.

BOTTOM

Resistivity .112 ohms @ 72 F
Chlorides 60,500 ppm.

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No 13390

Test Ticket

Well Name & No. Branstetter #7 Test No. 1 Date 9-6-00
 Company Oxy U.S.A. Inc. Zone Tested hansing
 Address P.O. Box 2528, Liberal, Ks, 67905 Elevation 3041' KB 3028GL
 Co. Rep / Geo. Tom Heffler Cont. Cheyenne #12 Est. Ft. of Pay Por. %
 Location: Sec. 36 Twp. 27s Rge. 34w Co. Haskell State Ks
 No. of Copies None Distribution Sheet (Y, N) Turnkey (Y, N) Evaluation (Y, N)

Interval Tested 4205' 4220' Initial Str Wt./Lbs. 64,000 Unseated Str Wt./Lbs. 69,000
 Anchor Length 15' Wt. Set Lbs. 26,000 Wt. Pulled Loose/Lbs. 80,000
 Top Packer Depth 4200' Tool Weight 4,000
 Bottom Packer Depth 4205' Hole Size — 7 7/8" ✓ Rubber Size — 6 3/4" ✓
 Total Depth 4220' Wt. Pipe Run Drill Collar Run 218' XH
 Mud Wt. 9.0 LCM #3 Vis. 45 WL Drill Pipe Size 4 1/2" XH Ft. Run 2982' XH
 Blow Description B.O.B. in 2 min.
No return
B.O.B. in 2 1/2 min.
No return.

Recovery — Total Feet 1800' GIP Ft. in DC 218' Ft. in DP 1582'
 Rec. 270' Feet Of SOCW %gas 5% %oil 95% water Trace% mud
 Rec. 1530' Feet Of SALT WATER %gas %oil 100% water %mud
 Rec. Feet Of %gas %oil %water %mud
 Rec. Feet Of %gas %oil %water %mud
 Rec. Feet Of %gas %oil %water %mud
 BHT 118° °F Gravity °API D@ °F Corrected Gravity °API
 RW .112 @ 72 °F Chlorides 68,500 ppm Recovery Chlorides 2400 ppm System

	AK-1	Alpine	PSI	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud		2056		2346	18:30 pm 10:05
(B) First Initial Flow Pressure		158		(depth) 4206'	T-Started 19:35 pm
(C) First Final Flow Pressure		504		11058	T-Open 21:50 pm 9:30
(D) Initial Shut-In Pressure	Stop	1079		(depth) 4217'	T-Pulled 02:20 AM 10:55
(E) Second Initial Flow Pressure	Stop	537			T-Out 05:05 AM
(F) Second Final Flow Pressure	Stop	856			T-Off Location 06:20 AM
(G) Final Shut-in Pressure		1107		Initial Opening 30	Test X 750
(Q) Final Hydrostatic Mud		2002		Initial Shut-in 60	Jars X 200
				Final Flow 60	Safety Joint X 50
				Final Shut-in 120	Straddle
					Circ. Sub x n/c
					Sampler X 200
					Extra Packer
					Elec. Rec. X -150
					Mileage 69 miles today 41
					Other et 1.5 45
					TOTAL PRICE \$ 1436

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Approved By Tom Heffler
 Our Representative Sheep