

TRILOBITE TESTING L.L.C.

OPERATOR : Oxy USA Inc.

DATE 4-14-99

WELL NAME: MLP Simmons #A-1

KB 3256.00 ft TICKET NO: 10964 DST #1

LOCATION : 15-32S-39W Stevens co KS

GR 3244.00 ft FORMATION: Upper Morrow

INTERVAL : 5584.00 To 5596.00 ft

TD 5596.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 15 Rec.	10993	10993	3227			PF Fr. 1228 to 1243 hr
SI 67 Range(Psi)	4250.0	4250.0	4995.0	0.0	0.0	IS Fr. 1243 to 1350 hr
SF 15 Clock(hrs)	12HR.	12HR.	Elet.			SF Fr. 1350 to 1405 hr
FS 120 Depth(ft)	5593.0	5593.0	5587.0	0.0	0.0	FS Fr. 1405 to 1605 hr

	Field	1	2	3	4	
A. Init Hydro	2718.0	2712.0	2682.0	0.0	0.0	T STARTED 0915 hr
B. First Flow	1135.0	1140.0	1142.0	0.0	0.0	T ON BOTM 1226 hr
B1. Final Flow	1253.0	1256.0	1288.0	0.0	0.0	T OPEN 1228 hr
C. In Shut-in	1875.0	1869.0	1885.0	0.0	0.0	T PULLED 1605 hr
D. Init Flow	1296.0	1294.0	1247.0	0.0	0.0	T OUT 2000 hr
E. Final Flow	1328.0	1337.0	1349.0	0.0	0.0	
F. Fl Shut-in	1875.0	1869.0	1884.0	0.0	0.0	
G. Final Hydro	2633.0	2663.0	2636.0	0.0	0.0	TOOL DATA-----
Inside/Outside	0	0	I			Tool Wt. 1800.00 lbs
						Wt Set On Packer 25000.00 lbs
						Wt Pulled Loose 110000.00 lbs
						Initial Str Wt 90000.00 lbs
						Unseated Str Wt 100000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.78 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 623.00 ft
						D.P. Length 4938.00 ft

RECOVERY

Tot Fluid 5.00 ft of 5.00 ft in DC and 0.00 ft in DP
 5.00 ft of 100% Condensate
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of

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SALINITY 0.00 P.P.M. A.P.I. Gravity 0.00

MUD DATA-----

Mud Type Chemical
 Weight 9.00 lb/cf
 Vis. 45.00 S/L
 W.L. 8.00 in3
 F.C. 0.00 in
 Mud Drop Y 15.0 ft

BLOW DESCRIPTION

Intiaail Flow:
 Strong blwo bottom of bucket in
 10 mins. gas to surface in
 1 min. MCF @ 429001
 Final Flow:
 Strong blow bottom of bucket as
 soon as open tool MCF @ 37122.55

Amt. of fill 1.00 ft
 Btm. H. Temp. 125.00 F
 Hole Condition Good
 % Porosity 20.00
 Packer Size 6.75 in
 No. of Packers 2
 Cushion Amt. 0.00
 Cushion Type
 Reversed Out N
 Tool Chased N
 Tester Mike Colantonio
 Co. Rep. Cal Wylie
 Contr. Duke
 Rig # #6
 Unit #
 Pump T.

SAMPLES: Yes 1
 SENT TO:Caraway Lab Liberal.

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: MLP Simmons #A-1

LOCATION : 15-32S-39W

TICKET No. 10964 D.S.T. No. 1 DATE 4-14-99

TOTAL TOOL TO BOTTOM OF TOP PACKERS 30

INTERVAL TOOL

TOTAL PACKERS AND ANCHOR 12

TOTAL TOOL 42

DRILL COLLAR ANCHOR IN INTERVAL

C. ANCHOR STAND.Stands Single Total

P. ANCHOR STAND.Stands Single Total

TOTAL ASSEMBLY

C. ABOVE TOOLS.Stands7 Single Total 623

P. ABOVE TOOLS.Stands53 Single Total 4938

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5603

TOTAL DEPTH 5596

TOTAL DRILL PIPE ABOVE K.B. 7ft

REMARKS:

SAMPLER DATA

5.2 Cubic ft Gas

1000ml Total

175PSI.

P.O. SUB Top Tool	5554
C.O. SUB 1ft	5555
S.I. TOOL Sterling	5560
3ft Sampler	5563
HMV Sterling	5568
JARS Sterling	5573
SAFETY JOINT Bowens	5575
PACKER 5ft	5579
PACKER 5ft	5584
DEPTH	
STUBB 1ft	5585
ANCHOR	
2ft Perf	5587
Alpine Rec	5587
5ft P U Sub	5592
T.C.	
DEPTH	
AK-1 Rec.	5593
BULLNOSE	
T.D. 4ft Bullplug	5596

GAS RECOVERY

COMPANY: Oxy USA Inc. DATE: 4-14-99
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WELL LOCATION: 15-32S-39W GR Elev: 3244.00 ft FORMATION: Upper Morrow
INTERVAL Fr.: 5584.00 To 5596.00 T.D.: 5596.00 ft TEST TYPE: CONVENTIONAL

GAS RECOVERY MEASURED WITH Merla Data

***** GAS RATES FOR FLOW #1

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
5	2.00	160	0	30633.0
10	2.00	180	0	34141.0
15	2.00	230	0	42901.0

***** GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
5	2.00	80	0	16621.0
10	2.00	120	0	23629.0
15	2.00	140	0	27133.0

TEST HISTORY

10964 DST #1 MLP Simmons #A-1 OXY USA INC.

Flag Points
t(Min.) P(PSig)

A:	0.00	2682.23
B:	0.00	1142.48
C:	15.50	1288.42
D:	65.50	1885.05
E:	0.00	1247.16
F:	14.50	1349.84
G:	120.50	1884.61
Q:	0.00	2636.77

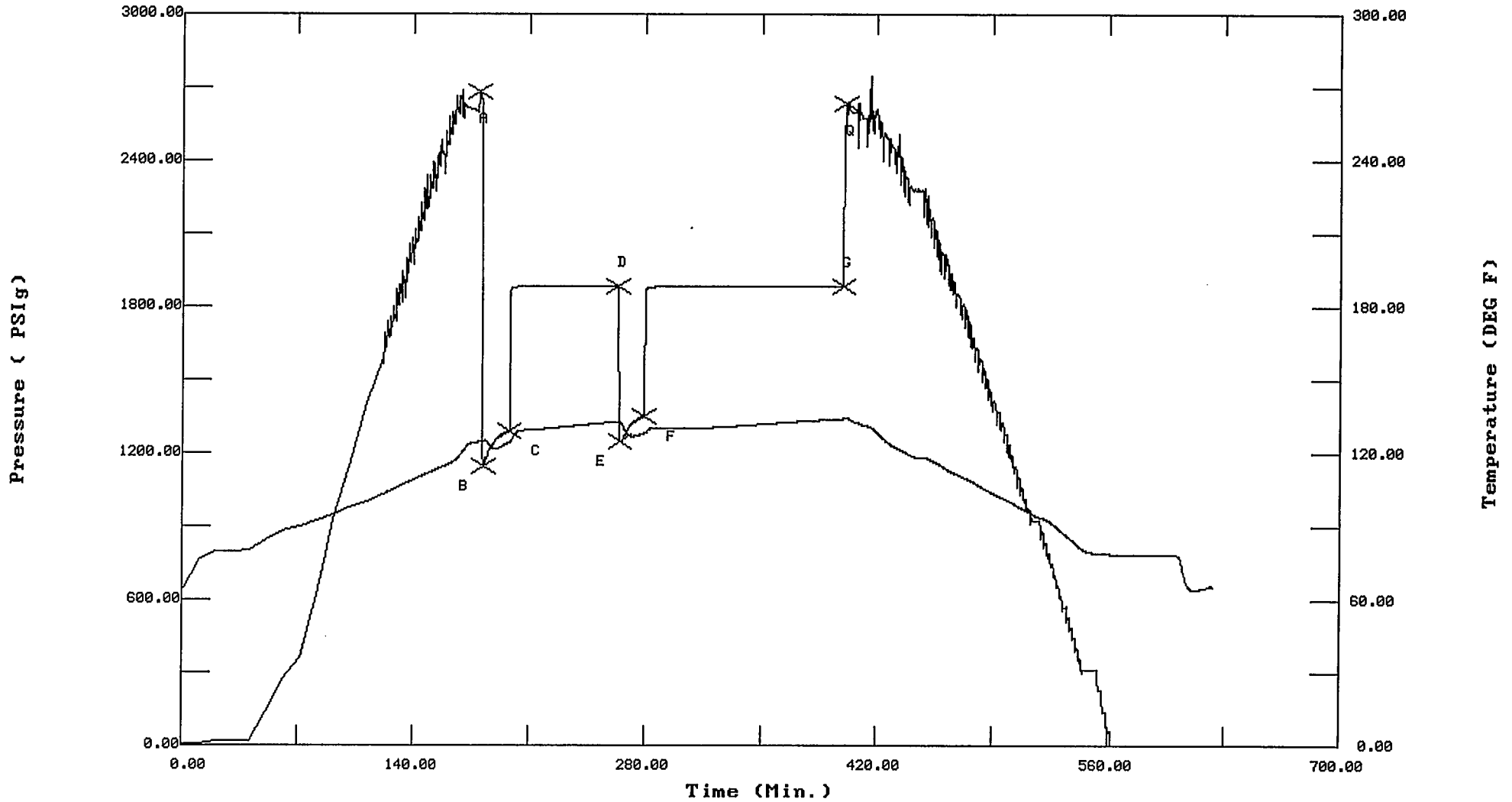
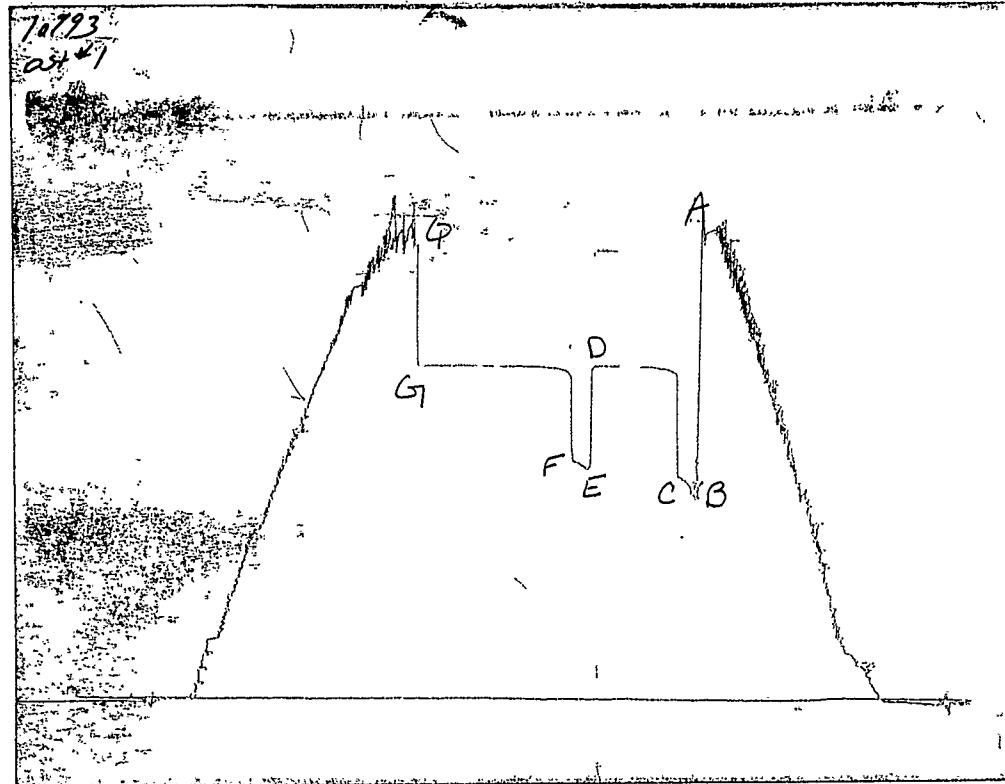


CHART PAGE



This is a photocopy of the actual AK-1 recorder chart