

DRILL-STEM TEST DATA

Well Name:	BLAIR F #1			
Company :	OXY USA INC			
Location - Sec:	29	Twp:	30S	Rge: 33W
County:	HASKELL	State:	KS	
Date:	06-Oct-95			

TRILOBITE TESTING L.L.C.

OPERATOR : Oxy USA Inc
 WELL NAME: Blair F #1
 LOCATION : 29-30S-33W, Haskell KS
 INTERVAL : 3690.00 To 3850.00 ft

DATE 10/06/95
 KB 0.00 ft
 GR 2954.00 ft
 TD 3850.00 ft

TICKET NO: 8243
 FORMATION: Topeka
 TEST TYPE: CONVENTIONAL

DST #1

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 15	Rec.	10333	10333	2836			PF Fr. 0546 to 0601 hr
SI 30	Range(Psi)	4075.0	4075.0	3500.0	0.0	0.0	IS Fr. 0601 to 0631 hr
SF 0	Clock(hrs)	23935	23935	30418			SF Fr. to hr
FS 0	Depth(ft)	3695.0	3695.0	3847.0	0.0	0.0	FS Fr. to hr

	Field	1	2	3	4	
A. Init Hydro	1724.0	1740.0	0.0	0.0	0.0	T STARTED hr
B. First Flow	376.0	384.0	0.0	0.0	0.0	T ON BOTM hr
Bl. Final Flow	660.0	669.0	0.0	0.0	0.0	T OPEN 0546 hr
C. In Shut-in	914.0	925.0	0.0	0.0	0.0	T PULLED 0631 hr
D. Init Flow	0.0	0.0	0.0	0.0	0.0	T OUT hr
E. Final Flow	0.0	0.0	0.0	0.0	0.0	
F. Fl Shut-in	0.0	0.0	0.0	0.0	0.0	
G. Final Hydro	1652.0	1666.0	0.0	0.0	0.0	TOOL DATA-----
Inside/Outside	I	I	O			Tool Wt. 0.00 lbs

RECOVERY

Tot Fluid 1315.00 ft of 507.00 ft in DC and 808.00 ft in DP
 390.00 ft of Mud - 100% mud
 925.00 ft of Muddy water - 70% water, 30% mud

Unseated Str Wt 0.00 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 507.00 ft
 D.P. Length 0.00 ft

RW .132 @ 72.6 F

SALINITY 70000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Blow -
 Strong blow, bottom of bucket in 30 sec

Initial Shutin -
 Bled off 2", no blow back

SAMPLES:
 SENT TO:

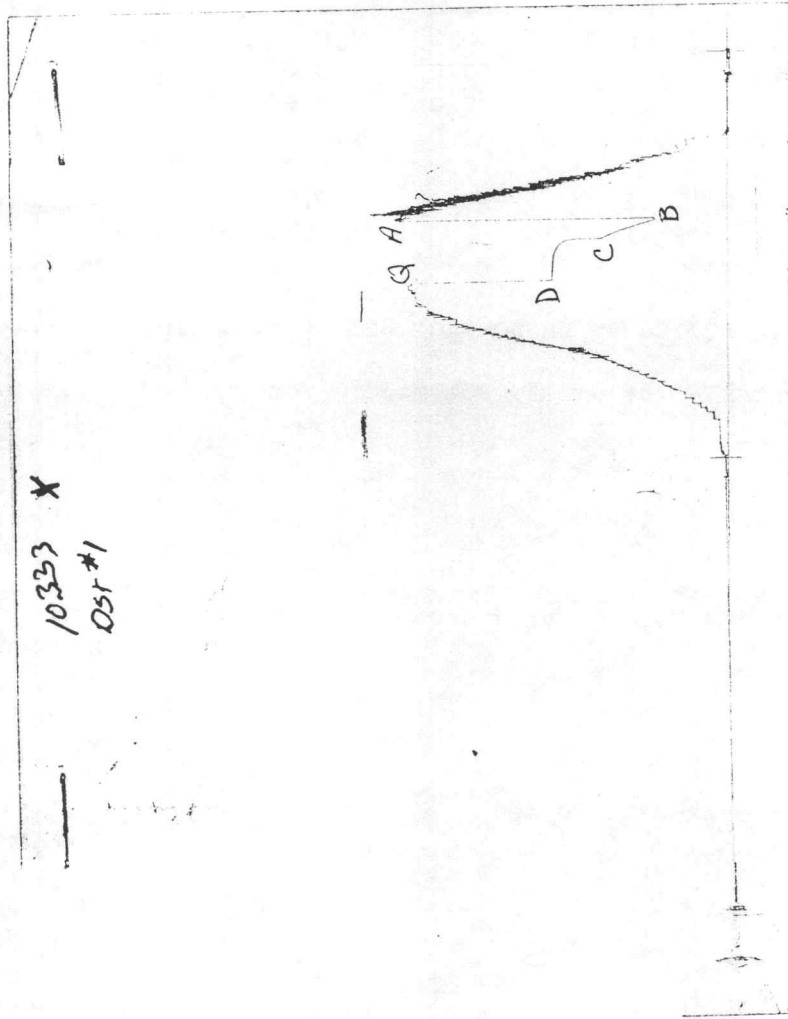
MUD DATA-----

Mud Type	Chemical
Weight	9.20 lb/c
Vis.	37.00 S/L
W.L.	32.80 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	108.00 F
Hole Condition	
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	
Tool Chased	
Tester	Mike Colantonio
Co. Rep.	Tim Hedrick
Contr.	Beredco
Rig #	4
Unit #	
Pump T.	

Test Successful: Y

CHART PAGE

10333 X
Osr #1



This is an actual photograph of recorder chart

FLUID SAMPLER DATA

Ticket No.: 8243

Date: 10/06/95

Company: OXY USA INC

Lease: BLAIR F #1

Test No.: 1

County: HASKELL

Sec.: 29

Twp.: 30S Rng.: 33W

SAMPLER RECOVERY

Gas ML

Oil ML

Mud ML

Water 4000 ML

Other ML

Pressure 125 PSI

TOTAL 4000 ML

SAMPLER ANALYSIS

Resistivity 0.135 ohms@ 72 F

Chlorides 72000 ppm.

Gravity corrected @60F

PIT MUD ANALYSIS

Chlorides 2200

Resistivit 0.3 ohms@ 70 F

Viscosity 37

Mud Wt. 9.2

Filtrate 32.8

Other

PIPE RECOVERY

TOP

Resistivit 0.252 ohms@ 78.2 F

Chlorides 26000 ppm.

MIDDLE

Resistivit 0.113 ohms@ 73.6 F

Chlorides 58000 ppm.

BOTTOM

Resistivit 0.132 ohms@ 72.6 F

Chlorides 70000 ppm.

DST REPORT

GENERAL INFORMATION

DATE : 10/7/95
CUSTOMER : OXY USA, INC.
WELL : #1 TEST: 2
ELEVATION: 2946 KB
SECTION : 29
RANGE : 33W COUNTY: HASKELL
GAUGE SN#: 10242 RANGE : 4100
TICKET : 21151
LEASE : BLAIR F
GEOLOGIST:
FORMATION: LANSING A
TOWNSHIP : 30S
STATE : KS
CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 4184.00 ft TO: 4202.00 ft TVD: 4202.0 ft
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL
DEPTH OF RECORDERS: 4191.0 ft 4194.0 ft
TEMPERATURE: 118.0
DRILL COLLAR LENGTH: 620.0 ft I.D.: 2.250 in
WEIGHT PIPE LENGTH : 0.0 ft I.D.: 0.000 in
DRILL PIPE LENGTH : 3532.0 ft I.D.: 3.800 in
TEST TOOL LENGTH : 32.0 ft TOOL SIZE : 5.500 in
ANCHOR LENGTH : 18.0 ft ANCHOR SIZE: 5.500 in
SURFACE CHOKE SIZE : 0.750 in BOTTOM CHOKE SIZE: 0.750 in
MAIN HOLE SIZE : 7.875 in TOOL JOINT SIZE : 4.5XH
PACKER DEPTH: 4179.0 ft SIZE: 6.630 in
PACKER DEPTH: 4184.0 ft SIZE: 6.630 in
PACKER DEPTH: 0.0 ft SIZE: 0.000 in
PACKER DEPTH: 0.0 ft SIZE: 0.000 in

MUD INFORMATION

DRILLING CON. : BEREDCO RIG 4
MUD TYPE : CHEMICAL
WEIGHT : 8.900 ppg
CHLORIDES : 2200 ppm
JARS-MAKE : WTC
DID WELL FLOW?: NO
VISCOSITY : 45.00 cp
WATER LOSS: 11.200 cc
SERIAL NUMBER: 414
REVERSED OUT?: NO

COMMENTS

Comment

INITIAL FLOW PERIOD VERY WEAK 1/8 INCH IN BUCKET
BUILT TO 3 1/2 INCHES IN BUCKET IN 30 MINUTES.
FINAL FLOW PERIOD SURFACE BLOW- BUILT TO 2 1/2

DST REPORT (CONTINUED)

COMMENTS (CONTINUED)

Comment

INCHES IN BUCKET IN 60 MINUTES.

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
40.0	0.0	0.0	62.0	38.0	MUD CUT WATER W/SPECKS
0.0	0.0	0.0	0.0	0.0	OF OIL
175.0	0.0	0.0	100.0	0.0	SALT WATER
0.0	0.0	0.0	0.0	0.0	RW .11 @ 75 DEGREES F
0.0	0.0	0.0	0.0	0.0	CHLORIDES 61000 PPM

RATE INFORMATION

OIL VOLUME:	0.0000 STB	TOTAL FLOW TIME:	85.0000 min.
GAS VOLUME:	0.0000 SCF	AVERAGE OIL RATE:	0.0000 STB/D
MUD VOLUME:	0.0747 STB	AVERAGE WATER RATE:	17.9112 STB/D
WATER VOLUME:	0.9825 STB		
TOTAL FLUID :	1.0573 STB		

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2063.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	39.00	77.00
INITIAL SHUT-IN	60.00		784.00
FINAL FLOW	60.00	88.00	147.00
FINAL SHUT-IN	120.00		784.00
FINAL HYDROSTATIC PRESSURE:			2039.00

DST REPORT (CONTINUED)

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2027.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	54.00	81.00
INITIAL SHUT-IN	57.00		791.00
FINAL FLOW	55.00	104.00	154.00
FINAL SHUT-IN	120.00		783.00
FINAL HYDROSTATIC PRESSURE:	1999.00		

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE	: 10/7/95	TICKET	: 21151
CUSTOMER	: OXY USA, INC.	LEASE	: BLAIR F
WELL	: #1	TEST:	2
ELEVATION:	2946 KB	GEOLOGIST:	
SECTION	: 29	FORMATION:	LANSING A
RANGE	: 33W	TOWNSHIP	: 30S
Gauge SN#:	10242	STATE	: KS
		CLOCK	: 12
		COUNTY:	HASKELL
		RANGE	: 4100

INITIAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	54.00	54.00
5.00	54.00	0.00
10.00	58.00	4.00
15.00	63.00	5.00
20.00	70.00	7.00
25.00	76.00	6.00
30.00	81.00	5.00

INITIAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	255.00	255.00	0.00
6.00	453.00	198.00	0.00
9.00	654.00	201.00	0.00
12.00	700.00	46.00	0.00
15.00	720.00	20.00	0.00
18.00	733.00	13.00	0.00
21.00	743.00	10.00	0.00
24.00	754.00	11.00	0.00
27.00	757.00	3.00	0.00
30.00	762.00	5.00	0.00
33.00	767.00	5.00	0.00
36.00	771.00	4.00	0.00
39.00	775.00	4.00	0.00
42.00	779.00	4.00	0.00
45.00	781.00	2.00	0.00
48.00	783.00	2.00	0.00
51.00	785.00	2.00	0.00
54.00	788.00	3.00	0.00
57.00	791.00	3.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	104.00	104.00
5.00	104.00	0.00
10.00	104.00	0.00
15.00	111.00	7.00
20.00	117.00	6.00
25.00	123.00	6.00
30.00	129.00	6.00
35.00	135.00	6.00
40.00	140.00	5.00
45.00	143.00	3.00
50.00	149.00	6.00
55.00	154.00	5.00

FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	289.00	289.00	0.00
6.00	527.00	238.00	0.00
9.00	608.00	81.00	0.00
12.00	654.00	46.00	0.00
15.00	675.00	21.00	0.00
18.00	694.00	19.00	0.00
21.00	706.00	12.00	0.00
24.00	711.00	5.00	0.00
27.00	723.00	12.00	0.00
30.00	728.00	5.00	0.00
33.00	735.00	7.00	0.00
36.00	739.00	4.00	0.00
39.00	745.00	6.00	0.00
42.00	748.00	3.00	0.00
45.00	751.00	3.00	0.00
48.00	754.00	3.00	0.00
51.00	757.00	3.00	0.00
54.00	759.00	2.00	0.00
57.00	761.00	2.00	0.00
60.00	763.00	2.00	0.00
63.00	765.00	2.00	0.00
66.00	767.00	2.00	0.00
69.00	769.00	2.00	0.00
72.00	771.00	2.00	0.00
75.00	772.00	1.00	0.00
78.00	773.00	1.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL SHUT IN (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
81.00	774.00	1.00	0.00
84.00	775.00	1.00	0.00
87.00	776.00	1.00	0.00
90.00	777.00	1.00	0.00
93.00	778.00	1.00	0.00
96.00	779.00	1.00	0.00
99.00	780.00	1.00	0.00
102.00	781.00	1.00	0.00
105.00	782.00	1.00	0.00
108.00	782.00	0.00	0.00
111.00	782.00	0.00	0.00
114.00	783.00	1.00	0.00
117.00	783.00	0.00	0.00
120.00	783.00	0.00	0.00

FLUID SAMPLE REPORT

GENERAL INFORMATION

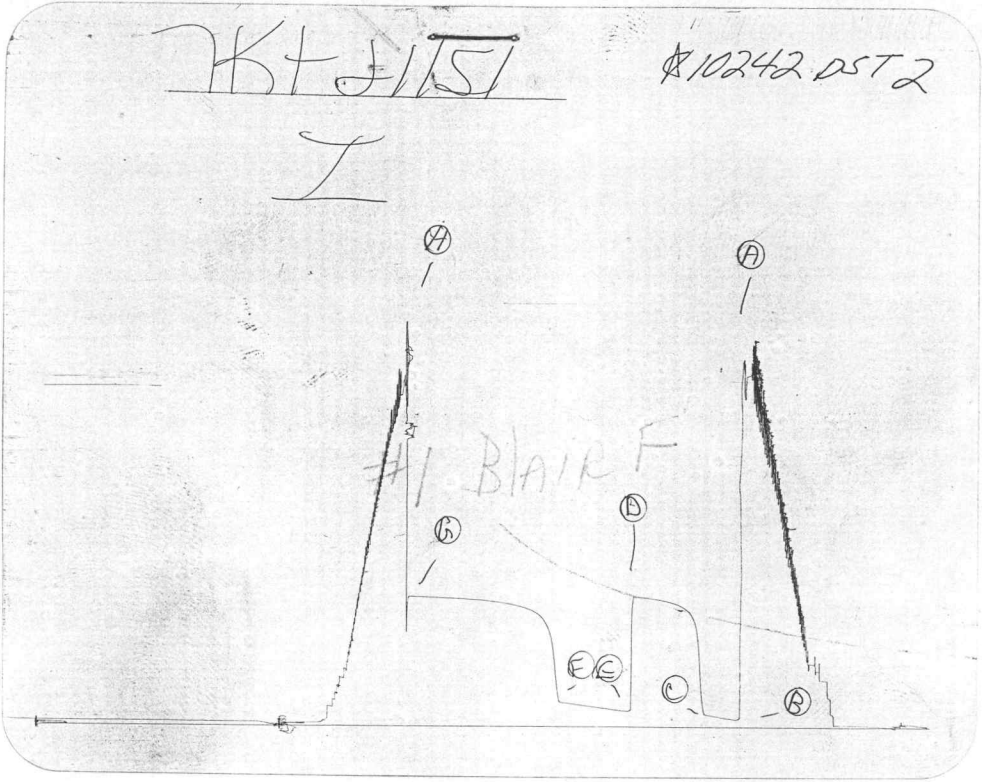
DATE : 10/7/95
CUSTOMER : OXY USA, INC.
WELL : #1 TEST: 2
ELEVATION: 2946 KB
SECTION : 29
RANGE : 33W COUNTY: HASKELL
GAUGE SN#: 10242 RANGE : 4100
TICKET : 21151
LEASE : BLAIR F
GEOLOGIST:
FORMATION: LANSING A
TOWNSHIP : 30S
STATE : KS
CLOCK : 12

SAMPLE INFORMATION

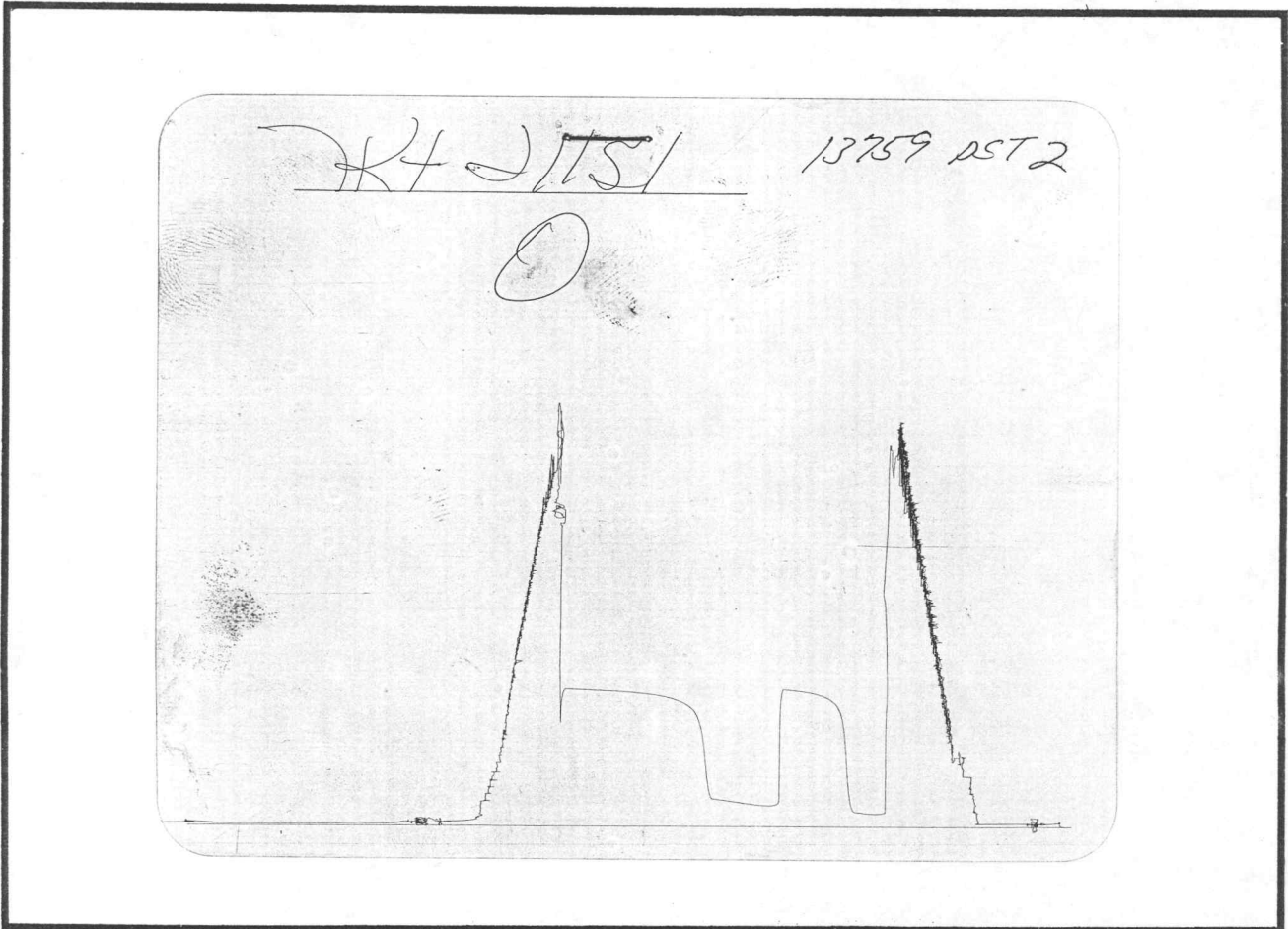
PRESSURE IN SAMPLER: 60.00 PSIG BHT: 118.0 DEG F
TOTAL VOLUME OF SAMPLER: 3150.00 cc
TOTAL VOLUME OF SAMPLE: 2800.00 cc
OIL: 0.00 cc
WATER: 2000.00 cc
MUD: 800.00 cc
GAS: 0.00 cc
OTHER: 0.00 cc

RESISTIVITY

DRILLING MUD: .11 @ 75 DEGREES F CHLORIDE CONTENT: 61000.00 ppm
MUD PIT SAMPLE: 1.8 @ 65 DEGREES F CHLORIDE CONTENT: 3600.00 ppm
GAS/OIL RATIO: GRAVITY:
WHERE WAS SAMPLE DRAINED: ON LOCATION
REMARKS:



Inside Recorder



Outside Recorder

DST REPORT

GENERAL INFORMATION

DATE : 10/8/95
CUSTOMER : OXY USA, INC.
WELL : #1 TEST: 3
ELEVATION: 2946 KB
SECTION : 29
RANGE : 33W COUNTY: HASKELL
GAUGE SN#: 10242 RANGE : 4100
TICKET : 21152
LEASE : BLAIR F
GEOLOGIST:
FORMATION: DENNIS
TOWNSHIP : 30S
STATE : KS
CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 4590.00 ft TO: 4615.00 ft TVD: 4668.0 ft
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL
DEPTH OF RECORDERS: 4597.0 ft 4600.0 ft
TEMPERATURE: 124.0
DRILL COLLAR LENGTH: 590.0 ft I.D.: 2.250 in
WEIGHT PIPE LENGTH : 0.0 ft I.D.: 0.000 in
DRILL PIPE LENGTH : 3968.0 ft I.D.: 3.800 in
TEST TOOL LENGTH : 32.0 ft TOOL SIZE : 5.500 in
ANCHOR LENGTH : 25.0 ft ANCHOR SIZE: 5.500 in
SURFACE CHOKE SIZE : 0.750 in BOTTOM CHOKE SIZE: 0.750 in
MAIN HOLE SIZE : 7.875 in TOOL JOINT SIZE : 4.5XH
PACKER DEPTH: 4585.0 ft SIZE: 6.630 in
PACKER DEPTH: 4590.0 ft SIZE: 6.630 in
PACKER DEPTH: 4615.0 ft SIZE: 6.630 in
PACKER DEPTH: 0.0 ft SIZE: 0.000 in

MUD INFORMATION

DRILLING CON. : BEREDCO RIG 4
MUD TYPE : CHEMICAL VISCOSITY : 53.00 cp
WEIGHT : 8.900 ppg WATER LOSS: 10.400 cc
CHLORIDES : 2200 ppm
JARS-MAKE : WTC SERIAL NUMBER: 414
DID WELL FLOW?: NO REVERSED OUT?: NO

COMMENTS

Comment

INITIAL FLOW PERIOD WEAK TO STRONG BLOW - OFF
BOTTOM OF BUCKET IN 7 MINUTES. FINAL FLOW PERIOD
VERY WEAK TO STRONG BLOW - OFF BOTTOM OF BUCKET

DST REPORT (CONTINUED)

COMMENTS (CONTINUED)

Comment

IN 13 MINUTES.
TAILPIPE - 30' OF 6.25"; 23' OF 5.5" TOTAL 53

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
0.0	0.0	0.0	0.0	0.0	115 FT GAS ABOVE FLUID
65.0	0.0	3.0	49.0	48.0	SL GAS CUT MUDDY WATER
1085.0	0.0	4.0	96.0	0.0	GASSY SALT WATER
0.0	0.0	0.0	0.0	0.0	RW .075 @ 59 DEGREES F
0.0	0.0	0.0	0.0	0.0	CHLORIDES 130000 PPM

RATE INFORMATION

OIL VOLUME:	0.0000 STB	TOTAL FLOW TIME:	85.0000 min.
GAS VOLUME:	2.3646 SCF	AVERAGE OIL RATE:	0.0000 STB/D
MUD VOLUME:	0.4376 STB	AVERAGE WATER RATE:	175.0862 STB/D
WATER VOLUME:	9.8973 STB		
TOTAL FLUID :	10.3349 STB		

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2228.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	100.00	392.00
INITIAL SHUT-IN	60.00		1232.00
FINAL FLOW	60.00	420.00	628.00
FINAL SHUT-IN	120.00		1232.00

FINAL HYDROSTATIC PRESSURE: 2190.00

DST REPORT (CONTINUED)

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2260.00

<u>Description</u>	<u>Duration</u>	<u>p1</u>	<u>p End</u>
INITIAL FLOW	30.00	105.00	397.00
INITIAL SHUT-IN	57.00		1248.00
FINAL FLOW	55.00	439.00	638.00
FINAL SHUT-IN	117.00		1250.00

FINAL HYDROSTATIC PRESSURE: 2207.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE	: 10/8/95	TICKET	: 21152
CUSTOMER	: OXY USA, INC.	LEASE	: BLAIR F
WELL	: #1	TEST: 3	GEOLOGIST:
ELEVATION	: 2946 KB	FORMATION:	DENNIS
SECTION	: 29	TOWNSHIP	: 30S
RANGE	: 33W	COUNTY: HASKELL	STATE : KS
GAUGE SN#:	10242	RANGE : 4100	CLOCK : 12

INITIAL FLOW

<u>Time</u> <u>(min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	105.00	105.00
5.00	151.00	46.00
10.00	231.00	80.00
15.00	290.00	59.00
20.00	352.00	62.00
25.00	385.00	33.00
30.00	397.00	12.00

INITIAL SHUT IN

<u>Time</u> <u>(min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	1066.00	1066.00	0.00
6.00	1161.00	95.00	0.00
9.00	1193.00	32.00	0.00
12.00	1209.00	16.00	0.00
15.00	1220.00	11.00	0.00
18.00	1223.00	3.00	0.00
21.00	1227.00	4.00	0.00
24.00	1231.00	4.00	0.00
27.00	1235.00	4.00	0.00
30.00	1239.00	4.00	0.00
33.00	1242.00	3.00	0.00
36.00	1244.00	2.00	0.00
39.00	1245.00	1.00	0.00
42.00	1246.00	1.00	0.00
45.00	1246.00	0.00	0.00
48.00	1247.00	1.00	0.00
51.00	1247.00	0.00	0.00
54.00	1248.00	1.00	0.00
57.00	1248.00	0.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	439.00	439.00
5.00	442.00	3.00
10.00	464.00	22.00
15.00	487.00	23.00
20.00	508.00	21.00
25.00	533.00	25.00
30.00	553.00	20.00
35.00	572.00	19.00
40.00	591.00	19.00
45.00	605.00	14.00
50.00	624.00	19.00
55.00	638.00	14.00

FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	1066.00	1066.00	0.00
6.00	1163.00	97.00	0.00
9.00	1190.00	27.00	0.00
12.00	1208.00	18.00	0.00
15.00	1216.00	8.00	0.00
18.00	1220.00	4.00	0.00
21.00	1225.00	5.00	0.00
24.00	1228.00	3.00	0.00
27.00	1230.00	2.00	0.00
30.00	1232.00	2.00	0.00
33.00	1234.00	2.00	0.00
36.00	1236.00	2.00	0.00
39.00	1237.00	1.00	0.00
42.00	1238.00	1.00	0.00
45.00	1239.00	1.00	0.00
48.00	1240.00	1.00	0.00
51.00	1241.00	1.00	0.00
54.00	1242.00	1.00	0.00
57.00	1242.00	0.00	0.00
60.00	1242.00	0.00	0.00
63.00	1243.00	1.00	0.00
66.00	1244.00	1.00	0.00
69.00	1245.00	1.00	0.00
72.00	1246.00	1.00	0.00
75.00	1247.00	1.00	0.00
78.00	1248.00	1.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL SHUT IN (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
81.00	1248.00	0.00	0.00
84.00	1249.00	1.00	0.00
87.00	1249.00	0.00	0.00
90.00	1250.00	1.00	0.00
93.00	1250.00	0.00	0.00
96.00	1250.00	0.00	0.00
99.00	1250.00	0.00	0.00
102.00	1250.00	0.00	0.00
105.00	1250.00	0.00	0.00
108.00	1250.00	0.00	0.00
111.00	1250.00	0.00	0.00
114.00	1250.00	0.00	0.00
117.00	1250.00	0.00	0.00

FLUID SAMPLE REPORT

GENERAL INFORMATION

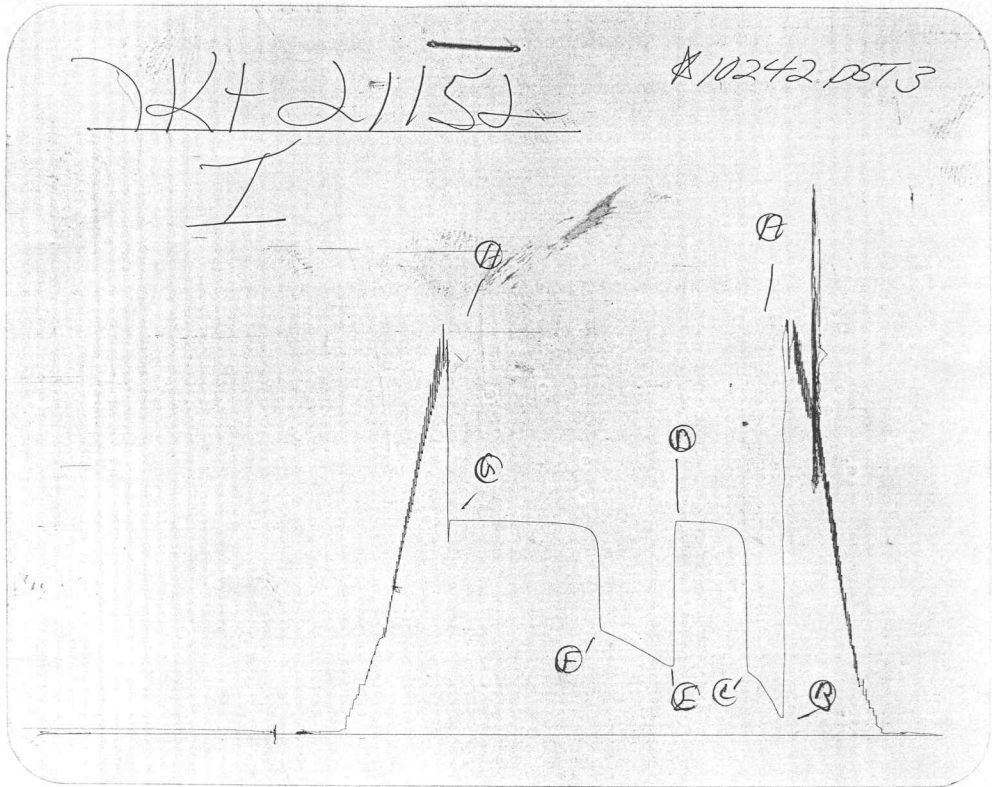
DATE : 10/8/95
CUSTOMER : OXY USA, INC.
WELL : #1 TEST: 3
ELEVATION: 2946 KB
SECTION : 29
RANGE : 33W COUNTY: HASKELL
GAUGE SN#: 10242 RANGE : 4100
TICKET : 21152
LEASE : BLAIR F
GEOLOGIST:
FORMATION: DENNIS
TOWNSHIP : 30S
STATE : KS
CLOCK : 12

SAMPLE INFORMATION

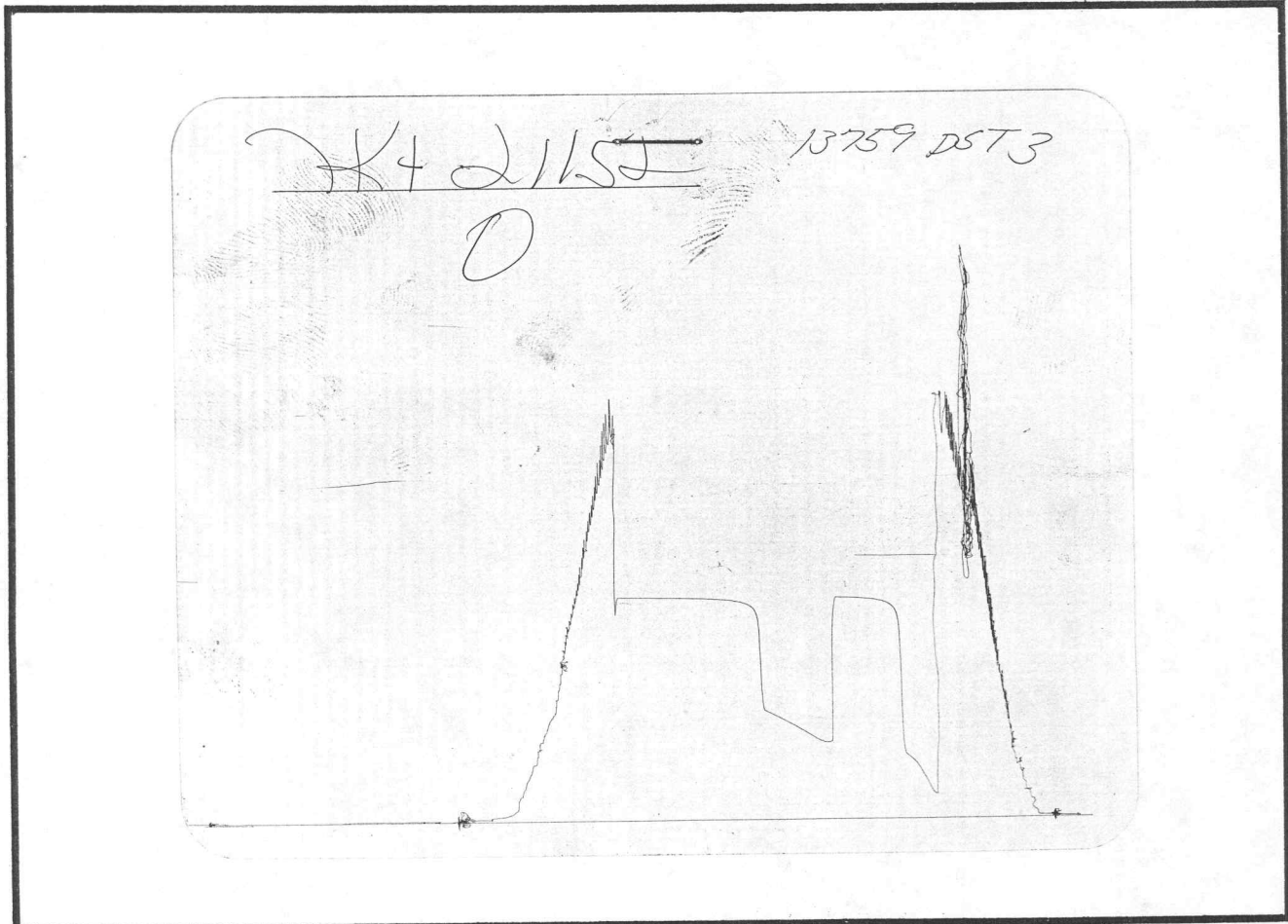
PRESSURE IN SAMPLER: 325.00 PSIG BHT: 124.0 DEG F
TOTAL VOLUME OF SAMPLER: 3150.00 cc
TOTAL VOLUME OF SAMPLE: 3000.00 cc
OIL: 0.00 cc
WATER: 3000.00 cc
MUD: 0.00 cc
GAS: 3.03 cc
OTHER: 0.00 cc

RESISTIVITY

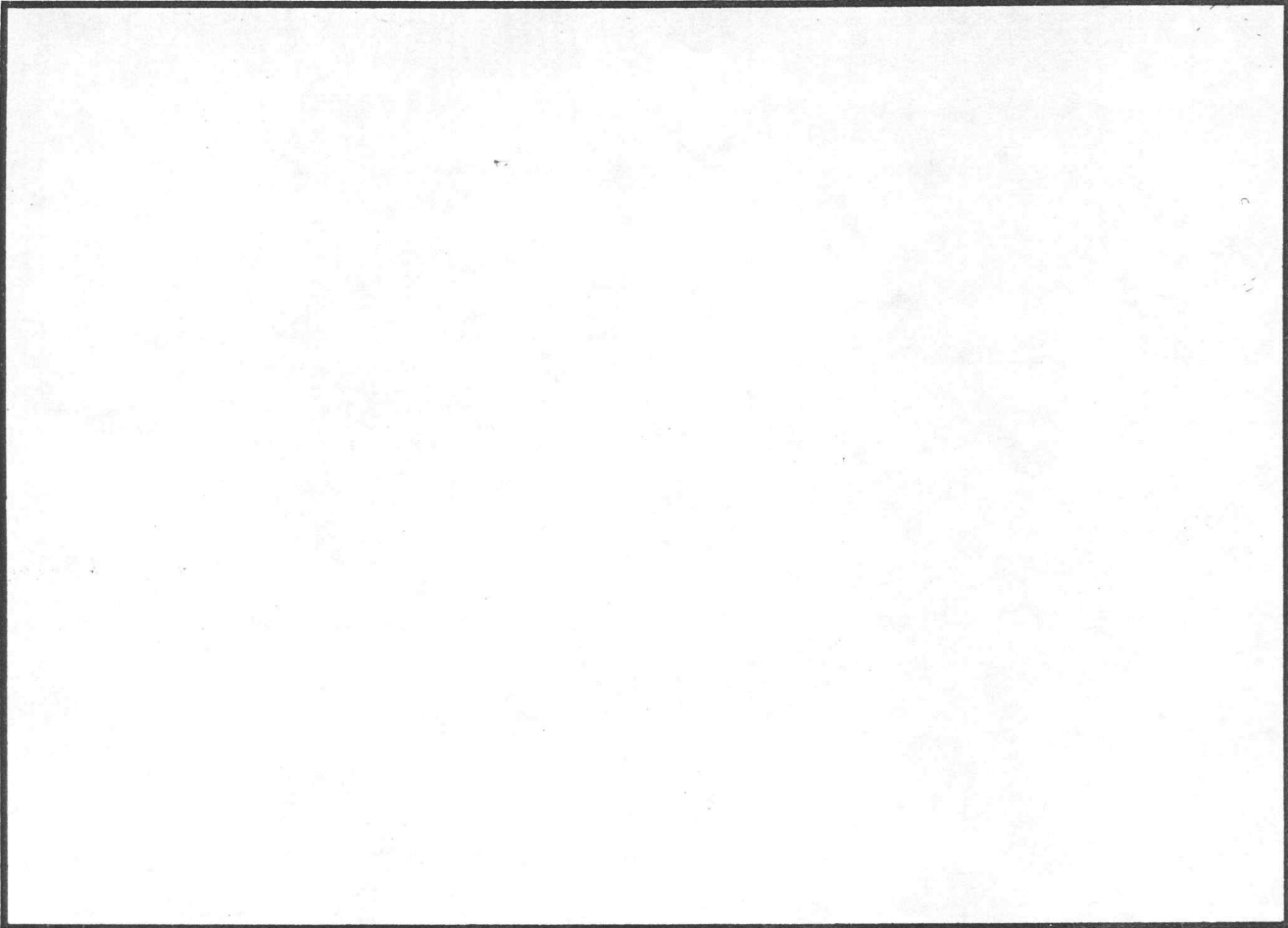
DRILLING MUD: .075 @ 59 DEGREES F CHLORIDE CONTENT: 130000.00 ppm
MUD PIT SAMPLE: 1.7 @ 64 DEGREES F CHLORIDE CONTENT: 3800.00 ppm
GAS/OIL RATIO: GRAVITY:
WHERE WAS SAMPLE DRAINED: ON LOCATION
REMARKS:



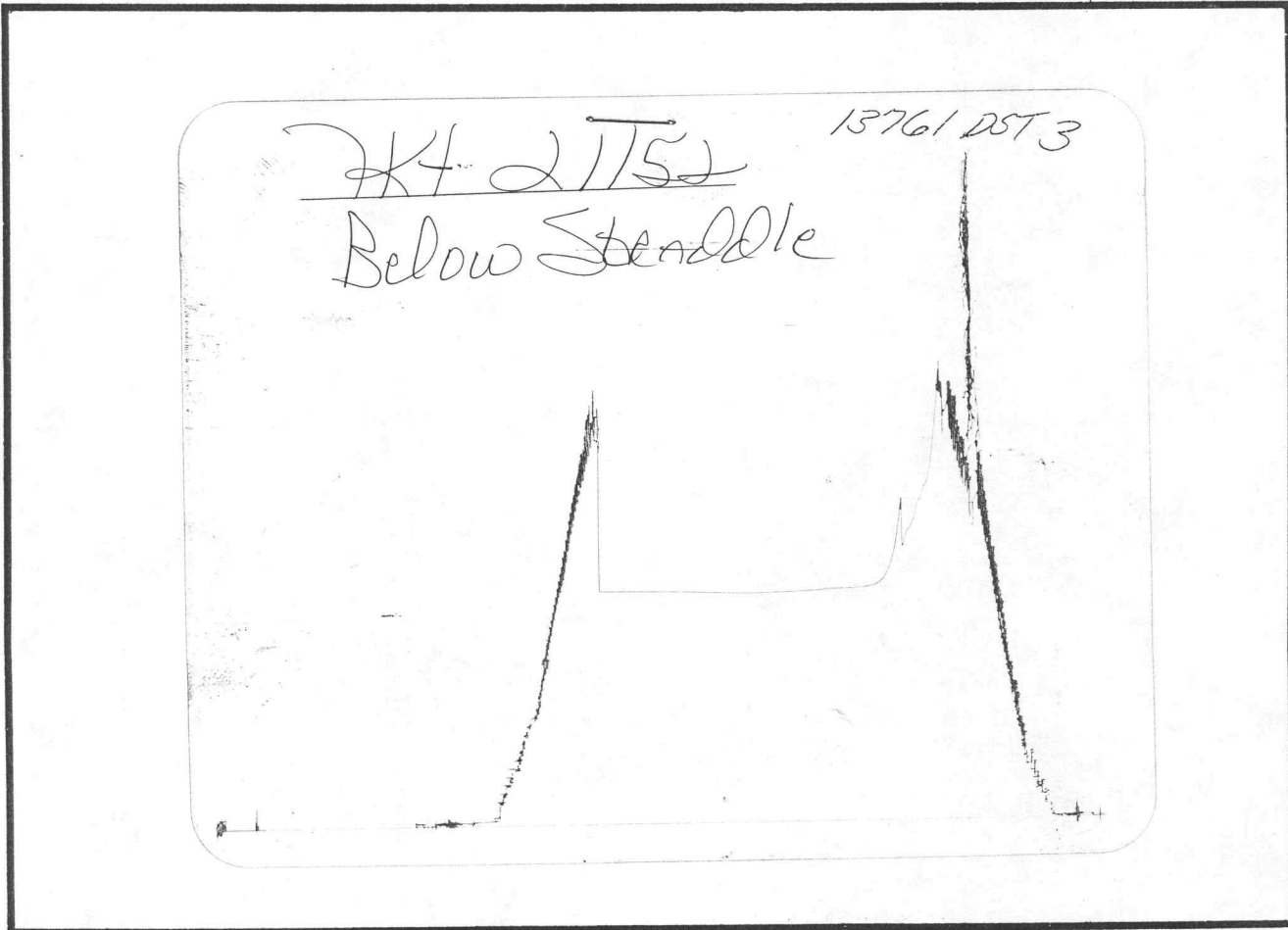
Inside Recorder



Outside Recorder



Inside Recorder



Outside Recorder

DST REPORT

GENERAL INFORMATION

DATE : 10/9/95	TICKET : 21153
CUSTOMER : OXY, USA	LEASE : BLAIR F
WELL : #1	TEST: 4
ELEVATION: 2946 KB	GEOLOGIST:
SECTION : 29	FORMATION: MARMATON
RANGE : 33W	TOWNSHIP : 30S
COUNTY: HASKELL	STATE : KS
Gauge SN#: 10242	RANGE : 4100
	CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 4798.00 ft	TO: 4823.00 ft	TVD: 4823.0 ft
DEPTH OF SELECTIVE ZONE:	TEST TYPE: OIL	
DEPTH OF RECORDERS: 4810.0 ft	4813.0 ft	
TEMPERATURE: 126.0		
DRILL COLLAR LENGTH: 620.0 ft	I.D.:	2.250 in
WEIGHT PIPE LENGTH : 0.0 ft	I.D.:	0.000 in
DRILL PIPE LENGTH : 4146.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH : 32.0 ft	TOOL SIZE :	5.500 in
ANCHOR LENGTH : 25.0 ft	ANCHOR SIZE:	5.500 in
SURFACE CHOKE SIZE : 0.750 in	BOTTOM CHOKE SIZE:	0.750 in
MAIN HOLE SIZE : 7.875 in	TOOL JOINT SIZE :	4.5XH
PACKER DEPTH: 4793.0 ft	SIZE:	6.630 in
PACKER DEPTH: 4798.0 ft	SIZE:	6.630 in
PACKER DEPTH: 0.0 ft	SIZE:	0.000 in
PACKER DEPTH: 0.0 ft	SIZE:	0.000 in

MUD INFORMATION

DRILLING CON. : BEREDCO RIG 4	VISCOSITY : 51.00 cp
MUD TYPE : CHEMICAL	WATER LOSS: 11.200 cc
WEIGHT : 9.000 ppg	SERIAL NUMBER: 414
CHLORIDES : 2100 ppm	REVERSED OUT?: YES
JARS-MAKE : WTC	
DID WELL FLOW?: NO	

COMMENTS

Comment

INITIAL FLOW PERIOD WEAK TO STRONG BLOW - OFF
 BOTTOM OF BUCKET IN 2 MINUTES. FINAL FLOW PERIOD
 STRONG BLOW IMMEDIATELY.

DST REPORT (CONTINUED)

COMMENTS (CONTINUED)

Comment

WALL-STUCK "SPOTTED OIL" PULLED TOOL LOOSE
5:30 AM 10/10/95

FLUID RECOVERY

Feet of Fluid	%	%	%	%	Comments
Oil	Gas	Water	Mud		
0.0	0.0	0.0	0.0	0.0	GAS ABOVE FLUID-NOTE-NO SHOW OF OIL WHILE CIRCUL. WATER & MUD C/GASSY OIL HEAVY WATER C/GASSY OIL RW .12 @ 64 DEGREES F CHLORIDES 66000 PPM
0.0	0.0	0.0	0.0	0.0	
45.0	23.0	47.0	14.0	16.0	
45.0	18.0	37.0	45.0	0.0	
0.0	0.0	0.0	0.0	0.0	
0.0	0.0	0.0	0.0	0.0	

RATE INFORMATION

OIL VOLUME:	0.0907	STB	TOTAL FLOW TIME:	85.0000	min.
GAS VOLUME:	1.0437	SCF	AVERAGE OIL RATE:	1.9099	STB/D
MUD VOLUME:	0.0354	STB	AVERAGE WATER RATE:	2.4388	STB/D
WATER VOLUME:	0.1306	STB			
TOTAL FLUID :	0.2567	STB			

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2354.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	56.00	77.00
INITIAL SHUT-IN	60.00		1156.00
FINAL FLOW	60.00	77.00	98.00
FINAL SHUT-IN	120.00		1403.00

FINAL HYDROSTATIC PRESSURE: 2301.00

DST REPORT (CONTINUED)

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2390.00

<u>Description</u>	<u>Duration</u>	<u>p1</u>	<u>p End</u>
INITIAL FLOW	30.00	63.00	84.00
INITIAL SHUT-IN	57.00		1163.00
FINAL FLOW	55.00	79.00	106.00
FINAL SHUT-IN	300.00		1406.00

FINAL HYDROSTATIC PRESSURE: 2259.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 10/9/95	TICKET : 21153
CUSTOMER : OXY, USA	LEASE : BLAIR F
WELL : #1	TEST: 4
ELEVATION: 2946 KB	GEOLOGIST:
SECTION : 29	FORMATION: MARMATON
RANGE : 33W	TOWNSHIP : 30S
COUNTY: HASKELL	STATE : KS
RANGE : 4100	CLOCK : 12
GAUGE SN#: 10242	

INITIAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	63.00	63.00
5.00	63.00	0.00
10.00	65.00	2.00
15.00	70.00	5.00
20.00	77.00	7.00
25.00	81.00	4.00
30.00	84.00	3.00

INITIAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	136.00	136.00	11.00
6.00	230.00	94.00	6.00
9.00	343.00	113.00	4.33
12.00	457.00	114.00	3.50
15.00	559.00	102.00	3.00
18.00	654.00	95.00	2.67
21.00	727.00	73.00	2.43
24.00	807.00	80.00	2.25
27.00	875.00	68.00	2.11
30.00	917.00	42.00	2.00
33.00	967.00	50.00	1.91
36.00	1003.00	36.00	1.83
39.00	1036.00	33.00	1.77
42.00	1063.00	27.00	1.71
45.00	1088.00	25.00	1.67
48.00	1111.00	23.00	1.63
51.00	1125.00	14.00	1.59
54.00	1147.00	22.00	1.56
57.00	1163.00	16.00	1.53

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	79.00	79.00
5.00	79.00	0.00
10.00	79.00	0.00
15.00	79.00	0.00
20.00	85.00	6.00
25.00	90.00	5.00
30.00	94.00	4.00
35.00	98.00	4.00
40.00	100.00	2.00
45.00	102.00	2.00
50.00	104.00	2.00
55.00	106.00	2.00

FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	189.00	189.00	19.33
6.00	304.00	115.00	10.17
9.00	397.00	93.00	7.11
12.00	503.00	106.00	5.58
15.00	602.00	99.00	4.67
18.00	676.00	74.00	4.06
21.00	744.00	68.00	3.62
24.00	801.00	57.00	3.29
27.00	852.00	51.00	3.04
30.00	896.00	44.00	2.83
33.00	937.00	41.00	2.67
36.00	971.00	34.00	2.53
39.00	1004.00	33.00	2.41
42.00	1023.00	19.00	2.31
45.00	1050.00	27.00	2.22
48.00	1067.00	17.00	2.15
51.00	1082.00	15.00	2.08
54.00	1103.00	21.00	2.02
57.00	1118.00	15.00	1.96
60.00	1128.00	10.00	1.92
63.00	1142.00	14.00	1.87
66.00	1156.00	14.00	1.83
69.00	1165.00	9.00	1.80
72.00	1173.00	8.00	1.76
75.00	1184.00	11.00	1.73
78.00	1197.00	13.00	1.71

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL SHUT IN (CONTINUED)

Time (min)	Pressure	Delta P	Horner T
81.00	1206.00	9.00	1.68
84.00	1214.00	8.00	1.65
87.00	1220.00	6.00	1.63
90.00	1228.00	8.00	1.61
93.00	1234.00	6.00	1.59
96.00	1239.00	5.00	1.57
99.00	1247.00	8.00	1.56
102.00	1256.00	9.00	1.54
105.00	1262.00	6.00	1.52
108.00	1267.00	5.00	1.51
111.00	1271.00	4.00	1.50
114.00	1275.00	4.00	1.48
117.00	1279.00	4.00	1.47
120.00	1283.00	4.00	1.46
123.00	1287.00	4.00	1.45
126.00	1291.00	4.00	1.44
129.00	1295.00	4.00	1.43
132.00	1299.00	4.00	1.42
135.00	1304.00	5.00	1.41
138.00	1308.00	4.00	1.40
141.00	1312.00	4.00	1.39
144.00	1316.00	4.00	1.38
147.00	1319.00	3.00	1.37
150.00	1322.00	3.00	1.37
153.00	1325.00	3.00	1.36
156.00	1328.00	3.00	1.35
159.00	1331.00	3.00	1.35
162.00	1333.00	2.00	1.34
165.00	1335.00	2.00	1.33
168.00	1338.00	3.00	1.33
171.00	1341.00	3.00	1.32
174.00	1343.00	2.00	1.32
177.00	1345.00	2.00	1.31
180.00	1347.00	2.00	1.31
183.00	1349.00	2.00	1.30
186.00	1352.00	3.00	1.30
189.00	1355.00	3.00	1.29
192.00	1357.00	2.00	1.29
195.00	1359.00	2.00	1.28
198.00	1361.00	2.00	1.28
201.00	1363.00	2.00	1.27
204.00	1365.00	2.00	1.27
207.00	1367.00	2.00	1.27
210.00	1368.00	1.00	1.26
213.00	1369.00	1.00	1.26
216.00	1370.00	1.00	1.25

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL SHUT IN (CONTINUED)

Time (min)	Pressure	Delta P	Horner T
219.00	1372.00	2.00	1.25
222.00	1374.00	2.00	1.25
225.00	1376.00	2.00	1.24
228.00	1378.00	2.00	1.24
231.00	1379.00	1.00	1.24
234.00	1380.00	1.00	1.24
237.00	1381.00	1.00	1.23
240.00	1382.00	1.00	1.23
243.00	1383.00	1.00	1.23
246.00	1384.00	1.00	1.22
249.00	1385.00	1.00	1.22
252.00	1386.00	1.00	1.22
255.00	1387.00	1.00	1.22
258.00	1387.00	0.00	1.21
261.00	1387.00	0.00	1.21
264.00	1387.00	0.00	1.21
267.00	1387.00	0.00	1.21
270.00	1387.00	0.00	1.20
273.00	1389.00	2.00	1.20
276.00	1392.00	3.00	1.20
279.00	1394.00	2.00	1.20
282.00	1396.00	2.00	1.20
285.00	1399.00	3.00	1.19
288.00	1402.00	3.00	1.19
291.00	1403.00	1.00	1.19
294.00	1404.00	1.00	1.19
297.00	1405.00	1.00	1.19
300.00	1406.00	1.00	1.18

FLUID SAMPLE REPORT

GENERAL INFORMATION

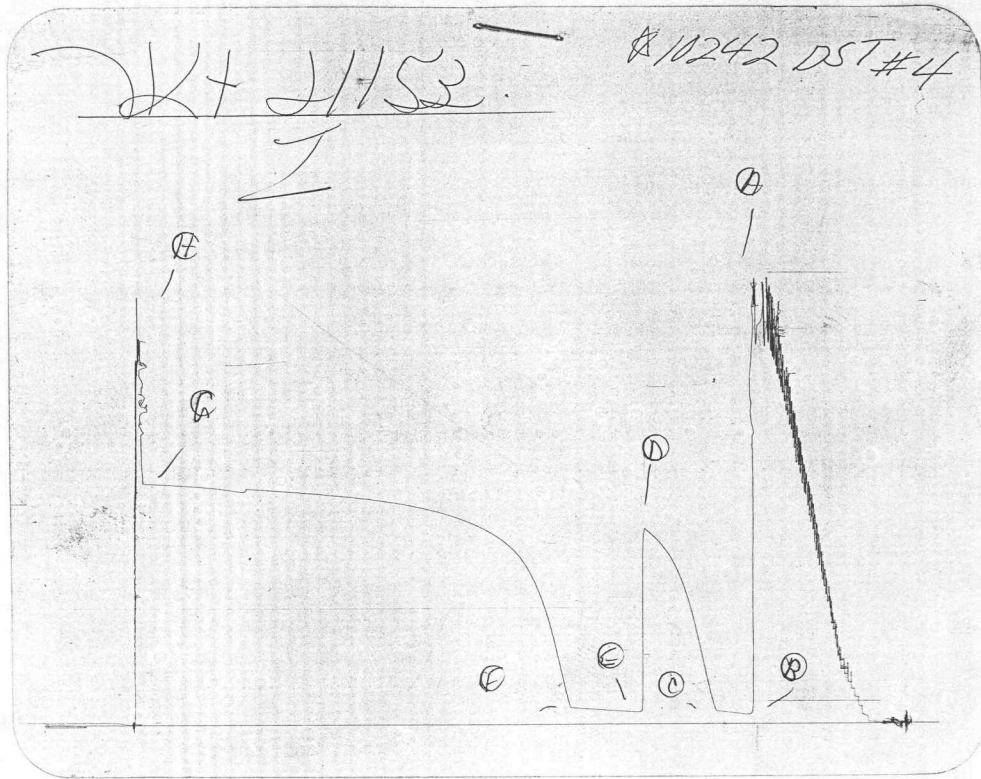
DATE : 10/9/95
CUSTOMER : OXY, USA
WELL : #1
ELEVATION: 2946 KB
SECTION : 29
RANGE : 33W
GAUGE SN#: 10242
TEST: 4
COUNTY: HASKELL
RANGE : 4100
TICKET : 21153
LEASE : BLAIR F
GEOLOGIST:
FORMATION: MARMATON
TOWNSHIP : 30S
STATE : KS
CLOCK : 12

SAMPLE INFORMATION

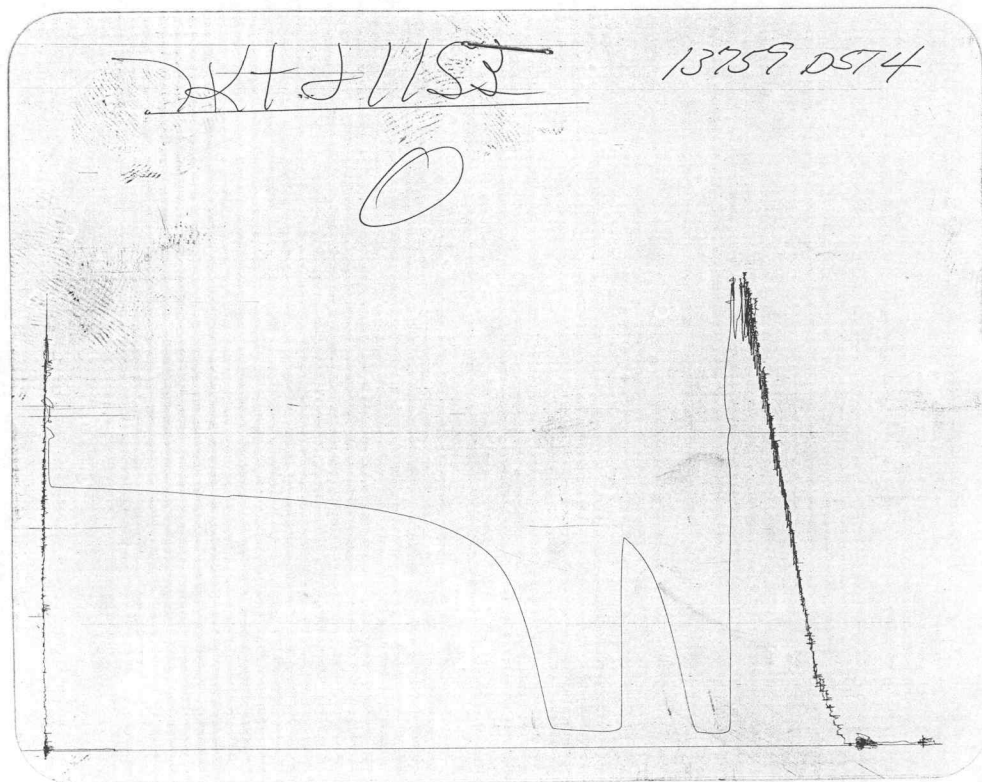
PRESSURE IN SAMPLER: 1075.00 PSIG BHT: 126.0 DEG F
TOTAL VOLUME OF SAMPLER: 3150.00 cc
TOTAL VOLUME OF SAMPLE: 2250.00 cc
OIL: 832.50 cc
WATER: 540.00 cc
MUD: 877.50 cc
GAS: 9.99 cc
OTHER: 0.00 cc

RESISTIVITY

DRILLING MUD: .12 @ 64 DEGREES F CHLORIDE CONTENT: 66000.00 ppm
MUD PIT SAMPLE: 1.8 @ 66 DEGREES F CHLORIDE CONTENT: 3500.00 ppm
GAS/OIL RATIO: GRAVITY:
WHERE WAS SAMPLE DRAINED: ON LOCATION
REMARKS:



Inside Recorder



Outside Recorder

DST REPORT

GENERAL INFORMATION

DATE : 10/12/95	TICKET : 21154
CUSTOMER : OXY USA, INC.	LEASE : BLAIR F
WELL : #1	GEOLOGIST: TIM HALEICH
ELEVATION: 2946 KB	FORMATION: MORROW
SECTION : 29	TOWNSHIP : 30S
RANGE : 33W	STATE : KS
GAUGE SN#: 10242	CLOCK : 12
TEST: 5	
COUNTY: HASKELL	
RANGE : 4100	

WELL INFORMATION

PERFORATION INTERVAL FROM: 5248.00 ft	TO: 5298.00 ft	TVD: 5298.0 ft
DEPTH OF SELECTIVE ZONE:		TEST TYPE: OIL
DEPTH OF RECORDERS: 5256.0 ft	5259.0 ft	
TEMPERATURE: 128.0		
DRILL COLLAR LENGTH: 590.0 ft	I.D.:	2.250 in
WEIGHT PIPE LENGTH : 0.0 ft	I.D.:	0.000 in
DRILL PIPE LENGTH : 4626.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH : 32.0 ft	TOOL SIZE :	5.500 in
ANCHOR LENGTH : 50.0 ft	ANCHOR SIZE:	5.500 in
SURFACE CHOKE SIZE : 0.750 in	BOTTOM CHOKE SIZE:	0.750 in
MAIN HOLE SIZE : 7.875 in	TOOL JOINT SIZE :	4.5XH
PACKER DEPTH: 5243.0 ft	SIZE:	6.630 in
PACKER DEPTH: 5248.0 ft	SIZE:	6.630 in
PACKER DEPTH: 0.0 ft	SIZE:	0.000 in
PACKER DEPTH: 0.0 ft	SIZE:	0.000 in

MUD INFORMATION

DRILLING CON. : BEREDCO RIG 4	VISCOSITY : 54.00 cp
MUD TYPE : CHEMICAL	WATER LOSS: 6.400 cc
WEIGHT : 8.800 ppg	
CHLORIDES : 2600 ppm	SERIAL NUMBER: 414
JARS-MAKE : WTC	REVERSED OUT?: NO
DID WELL FLOW?: NO	

COMMENTS

Comment

INITIAL FLOW PERIOD 1/2 INCH IN BUCKET- DECREASED TO A WEAK SURFACE BLOW IN 30 MINUTES. FINAL FLOW PERIOD NO BLOW.

DST REPORT (CONTINUED)

COMMENTS (CONTINUED)

Comment

PLUGGING ON INITIAL FLOW PERIOD.

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
40.0	0.0	0.0	0.0	100.0	DRILLING MUD- NO SHOW OF OIL-NO ODOR
0.0	0.0	0.0	0.0	0.0	

RATE INFORMATION

OIL VOLUME:	0.0000 STB	TOTAL FLOW TIME:	60.0000 min.
GAS VOLUME:	0.0000 SCF	AVERAGE OIL RATE:	0.0000 STB/D
MUD VOLUME:	0.1967 STB	AVERAGE WATER RATE:	0.0000 STB/D
WATER VOLUME:	0.0000 STB		
TOTAL FLUID :	0.1967 STB		

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2505.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	49.00	74.00
INITIAL SHUT-IN	60.00		107.00
FINAL FLOW	30.00	51.00	53.00
FINAL SHUT-IN	60.00		72.00

FINAL HYDROSTATIC PRESSURE: 2430.00

DST REPORT (CONTINUED)

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2539.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	60.00	80.00
INITIAL SHUT-IN	60.00		103.00
FINAL FLOW	30.00	94.00	61.00
FINAL SHUT-IN	60.00		69.00

FINAL HYDROSTATIC PRESSURE: 2331.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE	: 10/12/95	TICKET	: 21154
CUSTOMER	: OXY USA, INC.	LEASE	: BLAIR F
WELL	: #1	TEST:	5
ELEVATION:	2946 KB	GEOLOGIST:	TIM HALEICH
SECTION	: 29	FORMATION:	MORROW
RANGE	: 33W	TOWNSHIP	: 30S
Gauge SN#:	10242	COUNTY:	HASKELL
		RANGE	: 4100
		STATE	: KS
		CLOCK	: 12

INITIAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	60.00	60.00
5.00	59.00	-1.00
10.00	64.00	5.00
15.00	69.00	5.00
20.00	76.00	7.00
25.00	79.00	3.00
30.00	80.00	1.00

INITIAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	80.00	80.00	0.00
6.00	82.00	2.00	0.00
9.00	84.00	2.00	0.00
12.00	85.00	1.00	0.00
15.00	87.00	2.00	0.00
18.00	89.00	2.00	0.00
21.00	90.00	1.00	0.00
24.00	91.00	1.00	0.00
27.00	92.00	1.00	0.00
30.00	93.00	1.00	0.00
33.00	94.00	1.00	0.00
36.00	96.00	2.00	0.00
39.00	97.00	1.00	0.00
42.00	98.00	1.00	0.00
45.00	99.00	1.00	0.00
48.00	100.00	1.00	0.00
51.00	101.00	1.00	0.00
54.00	102.00	1.00	0.00
57.00	103.00	1.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

INITIAL SHUT IN (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
60.00	103.00	0.00	0.00

FINAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	94.00	94.00
5.00	55.00	-39.00
10.00	57.00	2.00
15.00	58.00	1.00
20.00	59.00	1.00
25.00	60.00	1.00
30.00	61.00	1.00

FINAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	61.00	61.00	0.00
6.00	62.00	1.00	0.00
9.00	62.00	0.00	0.00
12.00	62.00	0.00	0.00
15.00	63.00	1.00	0.00
18.00	64.00	1.00	0.00
21.00	64.00	0.00	0.00
24.00	64.00	0.00	0.00
27.00	65.00	1.00	0.00
30.00	66.00	1.00	0.00
33.00	67.00	1.00	0.00
36.00	67.00	0.00	0.00
39.00	67.00	0.00	0.00
42.00	67.00	0.00	0.00
45.00	67.00	0.00	0.00
48.00	68.00	1.00	0.00
51.00	68.00	0.00	0.00
54.00	69.00	1.00	0.00
57.00	69.00	0.00	0.00
60.00	69.00	0.00	0.00

FLUID SAMPLE REPORT

GENERAL INFORMATION

DATE : 10/12/95
CUSTOMER : OXY USA, INC.
WELL : #1
ELEVATION: 2946 KB
SECTION : 29
RANGE : 33W
GAUGE SN#: 10242
TEST: 5
COUNTY: HASKELL
RANGE : 4100
TICKET : 21154
LEASE : BLAIR F
GEOLOGIST: TIM HALEICH
FORMATION: MORROW
TOWNSHIP : 30S
STATE : KS
CLOCK : 12

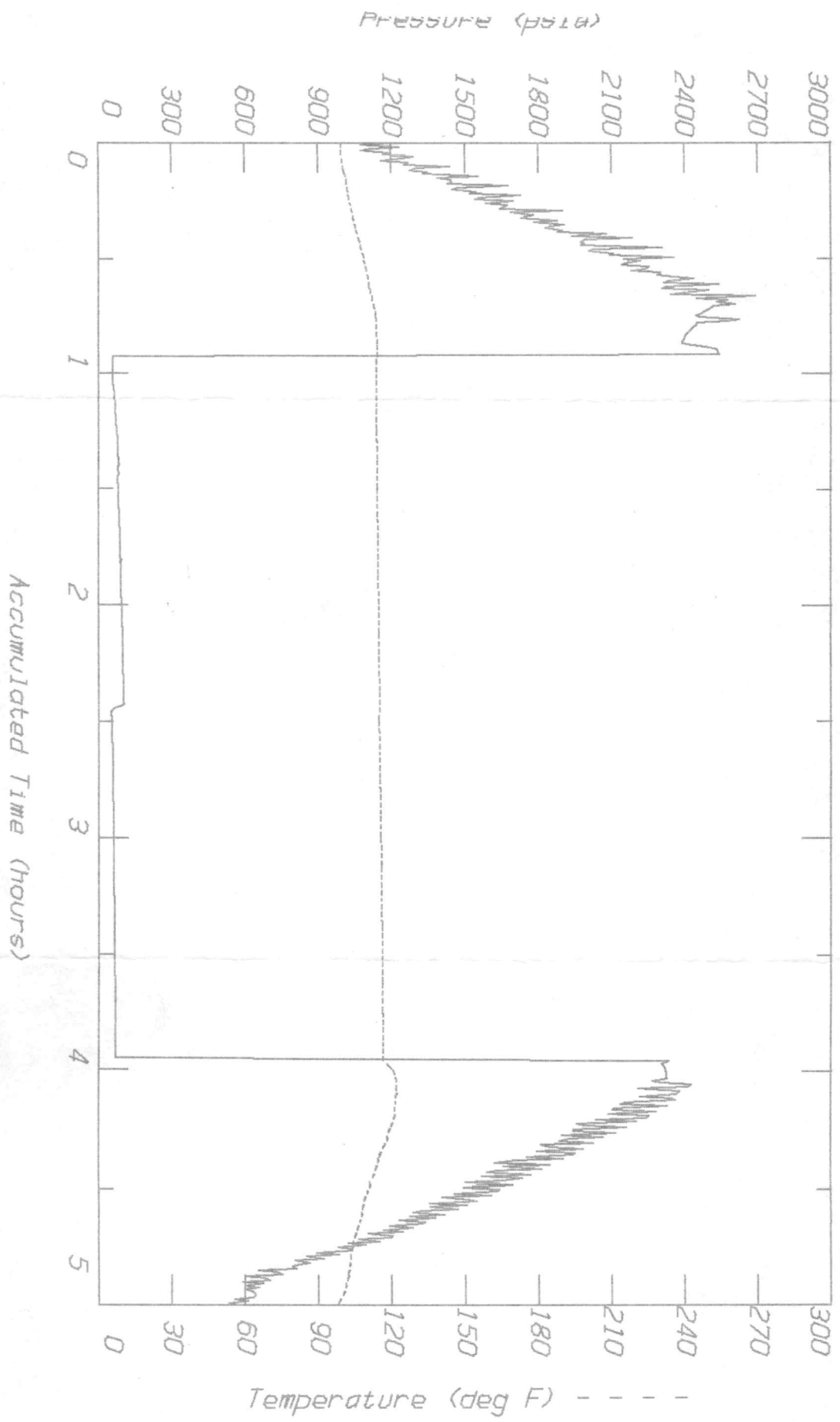
SAMPLE INFORMATION

PRESSURE IN SAMPLER: 10.00 PSIG BHT: 128.0 DEG F
TOTAL VOLUME OF SAMPLER: 3150.00 cc
TOTAL VOLUME OF SAMPLE: 2900.00 cc
OIL: 0.00 cc
WATER: 0.00 cc
MUD: 2900.00 cc
GAS: 0.00 cc
OTHER: 0.00 cc

RESISTIVITY

DRILLING MUD: 1.5 @ 60 DEGREES F CHLORIDE CONTENT: 4500.00 ppm
MUD PIT SAMPLE: 1.4 @ 66 DEGREES F CHLORIDE CONTENT: 4400.00 ppm
GAS/OIL RATIO: GRAVITY:
WHERE WAS SAMPLE DRAINED: ON LOCATION
REMARKS:

Company: OXY USA
 Location: HASKELL
 Gauge Serial No: 01161
 Gauge Depth (f, CF): 5250
 Test Start (hh:mm dd/mm/yy): 20:30 12/10/95
 Well Name: BLAIR F 1
 Formation: MORROW
 Range (psia): 2900



Company: OXY USA
Well Name: #1 BLAIR F

PTR 01161

Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Pressure (psi) (delta)	Temp. (deg F)
0001	95-10-12	21:30:00	1:00:00	1195.6	-----	99.4
0002		21:30:30	1:00:30	1075.1	-120.5	99.5
0003		21:31:00	1:01:00	1229.8	154.8	99.5
0004		21:31:30	1:01:30	1122.1	-107.7	99.5
0005		21:32:00	1:02:00	1076.6	-45.5	99.5
0006		21:32:30	1:02:30	1185.9	109.3	99.6
0007		21:33:00	1:03:00	1168.7	-17.2	99.6
0008		21:33:30	1:03:30	1288.0	119.3	99.7
0009		21:34:00	1:04:00	1212.9	-75.0	99.7
0010		21:34:30	1:04:30	1158.6	-54.3	99.8
0011		21:35:00	1:05:00	1267.1	108.5	99.9
0012		21:35:30	1:05:30	1253.9	-13.2	100.0
0013		21:36:00	1:06:00	1436.3	182.5	100.0
0014		21:36:30	1:06:30	1296.0	-140.3	100.2
0015		21:37:00	1:07:00	1278.3	-17.7	100.4
0016		21:37:30	1:07:30	1343.3	65.0	100.6
0017		21:38:00	1:08:00	1331.6	-11.7	100.8
0018		21:38:30	1:08:30	1553.2	221.6	101.0
0019		21:39:00	1:09:00	1388.5	-164.7	101.2
0020		21:39:30	1:09:30	1444.3	55.8	101.4
0021		21:40:00	1:10:00	1443.8	-0.5	101.5
0022		21:40:30	1:10:30	1428.5	-15.3	101.6
0023		21:41:00	1:11:00	1674.6	246.1	101.7
0024		21:41:30	1:11:30	1469.2	-205.5	101.8
0025		21:42:00	1:12:00	1451.9	-17.2	101.9
0026		21:42:30	1:12:30	1541.0	89.0	102.0
0027		21:43:00	1:13:00	1521.7	-19.3	102.1
0028		21:43:30	1:13:30	1726.7	205.0	102.2
0029		21:44:00	1:14:00	1554.3	-172.4	102.4
0030		21:44:30	1:14:30	1541.8	-12.5	102.5
0031		21:45:00	1:15:00	1696.0	154.2	102.7
0032		21:45:30	1:15:30	1587.9	-108.1	102.9
0033		21:46:00	1:16:00	1672.9	85.0	103.1
0034		21:46:30	1:16:30	1659.2	-13.7	103.2
0035		21:47:00	1:17:00	1644.7	-14.5	103.5
0036		21:47:30	1:17:30	1896.4	251.7	103.6
0037		21:48:00	1:18:00	1690.4	-206.0	103.8
0038		21:48:30	1:18:30	1778.6	88.2	104.0
0039		21:49:00	1:19:00	1742.1	-36.5	104.2
0040		21:49:30	1:19:30	1728.0	-14.1	104.3
0041		21:50:00	1:20:00	1874.1	146.2	104.5
0042		21:50:30	1:20:30	1782.5	-91.7	104.7
0043		21:51:00	1:21:00	1901.8	119.3	104.9
0044		21:51:30	1:21:30	1845.7	-56.1	105.1
0045		21:52:00	1:22:00	1830.0	-15.8	105.3
0046		21:52:30	1:22:30	1896.9	67.0	105.5
0047		21:53:00	1:23:00	1881.2	-15.7	105.7
0048		21:53:30	1:23:30	2076.8	195.6	106.0
0049		21:54:00	1:24:00	1937.6	-139.2	106.2

Company: OXY USA
Well Name: #1 BLAIR F

PTR 01161

Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Pressure (psi) (delta)	Temp. (deg F)
0050	95-10-12	21:54:30	1:24:30	2180.9	243.3	106.4
0051		21:55:00	1:25:00	1989.6	-191.3	106.6
0052		21:55:30	1:25:30	1973.5	-16.1	106.8
0053		21:56:00	1:26:00	1984.1	10.7	107.0
0054		21:56:30	1:26:30	1974.4	-9.7	107.2
0055		21:57:00	1:27:00	2305.8	331.4	107.3
0056		21:57:30	1:27:30	2020.0	-285.7	107.5
0057		21:58:00	1:28:00	2009.1	-11.0	107.8
0058		21:58:30	1:28:30	2104.1	95.0	108.0
0059		21:59:00	1:29:00	2095.1	-9.0	108.2
0060		21:59:30	1:29:30	2353.6	258.6	108.5
0061		22:00:00	1:30:00	2152.3	-201.3	108.6
0062		22:00:30	1:30:30	2216.9	64.6	108.8
0063		22:01:00	1:31:00	2150.8	-66.1	109.0
0064		22:01:30	1:31:30	2142.6	-8.2	109.2
0065		22:02:00	1:32:00	2248.5	105.8	109.4
0066		22:02:30	1:32:30	2235.9	-12.5	109.5
0067		22:03:00	1:33:00	2181.4	-54.5	109.7
0068		22:03:30	1:33:30	2298.8	117.4	109.9
0069		22:04:00	1:34:00	2288.3	-10.5	110.0
0070		22:04:30	1:34:30	2360.2	71.9	110.2
0071		22:05:00	1:35:00	2433.6	73.5	110.3
0072		22:05:30	1:35:30	2328.0	-105.7	110.4
0073		22:06:00	1:36:00	2316.3	-11.7	110.5
0074		22:06:30	1:36:30	2535.7	219.4	110.6
0075		22:07:00	1:37:00	2318.0	-217.6	110.8
0076		22:07:30	1:37:30	2308.6	-9.4	111.1
0077		22:08:00	1:38:00	2495.9	187.3	111.3
0078		22:08:30	1:38:30	2396.6	-99.3	111.5
0079		22:09:00	1:39:00	2340.9	-55.7	111.7
0080		22:09:30	1:39:30	2687.2	346.4	111.9
0081		22:10:00	1:40:00	2446.9	-240.3	112.0
0082		22:10:30	1:40:30	2574.6	127.7	112.2
0083		22:11:00	1:41:00	2533.3	-41.3	112.4
0084		22:11:30	1:41:30	2603.8	70.5	112.6
0085		22:12:00	1:42:00	2516.1	-87.7	112.8
0086		22:12:30	1:42:30	2504.0	-12.1	113.0
0087		22:13:00	1:43:00	2489.4	-14.5	113.2
0088		22:13:30	1:43:30	2474.9	-14.5	113.3
0089		22:14:00	1:44:00	2460.8	-14.1	113.4
0090		22:14:30	1:44:30	2448.4	-12.5	113.5
0091		22:15:00	1:45:00	2462.7	14.3	113.5
0092		22:15:30	1:45:30	2620.1	157.3	113.6
0093		22:16:00	1:46:00	2569.3	-50.8	113.7
0094		22:16:30	1:46:30	2447.4	-121.9	113.7
0095		22:17:00	1:47:00	2443.0	-4.4	113.7
0096		22:17:30	1:47:30	2434.6	-8.4	113.8
0097		22:18:00	1:48:00	2425.8	-8.8	113.8
0098		22:18:30	1:48:30	2417.7	-8.0	113.8

Company: OXY USA
Well Name: #1 BLAIR F

PTR 01161

Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Pressure (psi) (delta)	Temp. (deg F)
0099	95-10-12	22:19:00	1:49:00	2410.5	-7.2	113.9
0100		22:19:30	1:49:30	2404.5	-6.0	113.9
0101		22:20:00	1:50:00	2399.3	-5.2	113.9
0102		22:20:30	1:50:30	2394.9	-4.4	113.9
0103		22:21:00	1:51:00	2392.5	-2.4	114.0
0104		22:21:30	1:51:30	2390.1	-2.4	114.0
0105		22:22:00	1:52:00	2388.5	-1.6	114.0
0106		22:22:30	1:52:30	2457.5	69.1	114.0
0107		22:23:00	1:53:00	2505.9	48.3	114.0
0108		22:23:30	1:53:30	2531.8	25.9	114.0
0109		22:24:00	1:54:00	2537.0	5.2	114.0
0110		22:24:30	1:54:30	2537.4	0.4	114.1
0111		22:25:00	1:55:00	2539.7	2.4	114.1
0112		22:25:30	1:55:30	60.2	-2479.6	114.1
0113		22:26:00	1:56:00	57.0	-3.1	114.0
0114		22:26:30	1:56:30	57.9	0.8	113.9
0115		22:27:00	1:57:00	58.3	0.4	113.7
0116		22:27:30	1:57:30	58.3	0.0	113.7
0117		22:28:00	1:58:00	58.7	0.4	113.6
0118		22:28:30	1:58:30	58.7	0.0	113.6
0119		22:29:00	1:59:00	58.7	0.0	113.6
0120		22:29:30	1:59:30	59.1	0.4	113.6
0121		22:30:00	2:00:00	59.1	0.0	113.6
0122		22:30:30	2:00:30	59.1	0.0	113.6
0123		22:31:00	2:01:00	59.1	0.0	113.6
0124		22:31:30	2:01:30	59.1	0.0	113.6
0125		22:32:00	2:02:00	59.1	0.0	113.6
0126		22:32:30	2:02:30	59.5	0.4	113.6
0127		22:33:00	2:03:00	59.5	0.0	113.6
0128		22:33:30	2:03:30	60.7	1.2	113.6
0129		22:34:00	2:04:00	61.9	1.2	113.7
0130		22:34:30	2:04:30	63.1	1.2	113.7
0131		22:35:00	2:05:00	64.3	1.2	113.7
0132		22:35:30	2:05:30	65.4	1.2	113.7
0133		22:36:00	2:06:00	64.6	-0.8	113.7
0134		22:36:30	2:06:30	65.8	1.2	113.7
0135		22:37:00	2:07:00	66.2	0.4	113.7
0136		22:37:30	2:07:30	67.0	0.8	113.7
0137		22:38:00	2:08:00	67.8	0.8	113.7
0138		22:38:30	2:08:30	67.0	-0.8	113.7
0139		22:39:00	2:09:00	68.2	1.2	113.8
0140		22:39:30	2:09:30	69.0	0.8	113.8
0141		22:40:00	2:10:00	69.4	0.4	113.8
0142		22:40:30	2:10:30	70.2	0.8	113.8
0143		22:41:00	2:11:00	70.9	0.8	113.8
0144		22:41:30	2:11:30	71.3	0.4	113.8
0145		22:42:00	2:12:00	72.1	0.8	113.8
0146		22:42:30	2:12:30	72.9	0.8	113.8
0147		22:43:00	2:13:00	73.7	0.8	113.8

Company: OXY USA
Well Name: #1 BLAIR F

PTR 01161

Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Pressure (psi) (delta)	Temp. (deg F)
0148	95-10-12	22:43:30	2:13:30	74.1	0.4	113.9
0149		22:44:00	2:14:00	74.5	0.4	113.9
0150		22:44:30	2:14:30	74.9	0.4	113.9
0151		22:45:00	2:15:00	75.7	0.8	113.9
0152		22:45:30	2:15:30	76.5	0.8	113.9
0153		22:46:00	2:16:00	76.8	0.4	113.9
0154		22:46:30	2:16:30	77.2	0.4	113.9
0155		22:47:00	2:17:00	77.2	0.0	113.9
0156		22:47:30	2:17:30	77.6	0.4	113.9
0157		22:48:00	2:18:00	78.0	0.4	114.0
0158		22:48:30	2:18:30	78.4	0.4	114.0
0159		22:49:00	2:19:00	78.4	0.0	114.0
0160		22:49:30	2:19:30	78.8	0.4	114.0
0161		22:50:00	2:20:00	79.2	0.4	114.0
0162		22:50:30	2:20:30	79.2	-0.0	114.0
0163		22:51:00	2:21:00	79.6	0.4	114.0
0164		22:51:30	2:21:30	79.6	0.0	114.0
0165		22:52:00	2:22:00	82.0	2.4	114.0
0166		22:52:30	2:22:30	82.4	0.4	114.0
0167		22:53:00	2:23:00	81.2	-1.2	114.0
0168		22:53:30	2:23:30	81.6	0.4	114.0
0169		22:54:00	2:24:00	79.6	-2.0	114.0
0170		22:54:30	2:24:30	80.0	0.4	114.0
0171		22:55:00	2:25:00	80.4	0.4	114.0
0172		22:55:30	2:25:30	80.8	0.4	114.1
0173		22:56:00	2:26:00	80.8	0.0	114.1
0174		22:56:30	2:26:30	78.8	-2.0	114.1
0175		22:57:00	2:27:00	79.6	0.8	114.1
0176		22:57:30	2:27:30	79.6	0.0	114.1
0177		22:58:00	2:28:00	80.0	0.4	114.1
0178		22:58:30	2:28:30	80.3	0.4	114.1
0179		22:59:00	2:29:00	80.7	0.4	114.1
0180		22:59:30	2:29:30	81.1	0.4	114.1
0181		23:00:00	2:30:00	81.5	0.4	114.1
0182		23:00:30	2:30:30	81.9	0.4	114.1
0183		23:01:00	2:31:00	82.3	0.4	114.2
0184		23:01:30	2:31:30	82.3	0.0	114.2
0185		23:02:00	2:32:00	82.7	0.4	114.2
0186		23:02:30	2:32:30	83.1	0.4	114.2
0187		23:03:00	2:33:00	83.5	0.4	114.2
0188		23:03:30	2:33:30	83.5	-0.0	114.2
0189		23:04:00	2:34:00	83.9	0.4	114.2
0190		23:04:30	2:34:30	84.3	0.4	114.2
0191		23:05:00	2:35:00	84.3	0.0	114.2
0192		23:05:30	2:35:30	84.7	0.4	114.2
0193		23:06:00	2:36:00	85.0	0.4	114.2
0194		23:06:30	2:36:30	85.4	0.4	114.2
0195		23:07:00	2:37:00	85.4	0.0	114.2
0196		23:07:30	2:37:30	85.8	0.4	114.2

Company: OXY USA
Well Name: #1 BLAIR F

PTR 01161

Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Pressure (psi) (delta)	Temp. (deg F)
0197	95-10-12	23:08:00	2:38:00	86.2	0.4	114.2
0198		23:08:30	2:38:30	86.2	-0.0	114.3
0199		23:09:00	2:39:00	86.6	0.4	114.3
0200		23:09:30	2:39:30	87.0	0.4	114.3
0201		23:10:00	2:40:00	87.0	0.0	114.3
0202		23:10:30	2:40:30	87.4	0.4	114.3
0203		23:11:00	2:41:00	87.4	-0.0	114.3
0204		23:11:30	2:41:30	87.8	0.4	114.3
0205		23:12:00	2:42:00	88.2	0.4	114.3
0206		23:12:30	2:42:30	88.2	0.0	114.3
0207		23:13:00	2:43:00	88.6	0.4	114.3
0208		23:13:30	2:43:30	88.6	0.0	114.3
0209		23:14:00	2:44:00	89.0	0.4	114.4
0210		23:14:30	2:44:30	89.3	0.4	114.4
0211		23:15:00	2:45:00	89.3	0.0	114.4
0212		23:15:30	2:45:30	89.7	0.4	114.4
0213		23:16:00	2:46:00	90.1	0.4	114.4
0214		23:16:30	2:46:30	90.1	-0.0	114.4
0215		23:17:00	2:47:00	90.1	0.0	114.4
0216		23:17:30	2:47:30	90.1	0.0	114.4
0217		23:18:00	2:48:00	90.5	0.4	114.4
0218		23:18:30	2:48:30	90.9	0.4	114.4
0219		23:19:00	2:49:00	90.9	-0.0	114.5
0220		23:19:30	2:49:30	91.3	0.4	114.5
0221		23:20:00	2:50:00	91.3	0.0	114.5
0222		23:20:30	2:50:30	91.7	0.4	114.5
0223		23:21:00	2:51:00	91.7	0.0	114.5
0224		23:21:30	2:51:30	92.1	0.4	114.5
0225		23:22:00	2:52:00	92.1	0.0	114.5
0226		23:22:30	2:52:30	92.5	0.4	114.5
0227		23:23:00	2:53:00	92.9	0.4	114.5
0228		23:23:30	2:53:30	92.9	0.0	114.5
0229		23:24:00	2:54:00	92.8	-0.0	114.5
0230		23:24:30	2:54:30	93.2	0.4	114.5
0231		23:25:00	2:55:00	93.2	0.0	114.5
0232		23:25:30	2:55:30	93.6	0.4	114.5
0233		23:26:00	2:56:00	93.6	0.0	114.5
0234		23:26:30	2:56:30	94.0	0.4	114.6
0235		23:27:00	2:57:00	94.0	0.0	114.6
0236		23:27:30	2:57:30	94.4	0.4	114.6
0237		23:28:00	2:58:00	94.4	0.0	114.6
0238		23:28:30	2:58:30	94.8	0.4	114.6
0239		23:29:00	2:59:00	94.8	-0.0	114.6
0240		23:29:30	2:59:30	95.2	0.4	114.6
0241		23:30:00	3:00:00	95.2	0.0	114.6
0242		23:30:30	3:00:30	95.6	0.4	114.6
0243		23:31:00	3:01:00	95.6	0.0	114.6
0244		23:31:30	3:01:30	96.0	0.4	114.7
0245		23:32:00	3:02:00	96.0	0.0	114.7

Company: OXY USA
Well Name: #1 BLAIR F

PTR 01161

Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Pressure (psi) (delta)	Temp. (deg F)
0246	95-10-12	23:32:30	3:02:30	96.0	0.0	114.7
0247		23:33:00	3:03:00	96.4	0.4	114.7
0248		23:33:30	3:03:30	96.4	0.0	114.7
0249		23:34:00	3:04:00	96.7	0.4	114.7
0250		23:34:30	3:04:30	96.7	0.0	114.7
0251		23:35:00	3:05:00	97.1	0.4	114.7
0252		23:35:30	3:05:30	97.1	0.0	114.7
0253		23:36:00	3:06:00	97.5	0.4	114.7
0254		23:36:30	3:06:30	97.5	-0.0	114.7
0255		23:37:00	3:07:00	97.9	0.4	114.7
0256		23:37:30	3:07:30	97.9	0.0	114.7
0257		23:38:00	3:08:00	98.3	0.4	114.7
0258		23:38:30	3:08:30	98.3	0.0	114.7
0259		23:39:00	3:09:00	98.3	-0.0	114.8
0260		23:39:30	3:09:30	98.7	0.4	114.8
0261		23:40:00	3:10:00	98.7	0.0	114.8
0262		23:40:30	3:10:30	99.1	0.4	114.8
0263		23:41:00	3:11:00	99.1	0.0	114.8
0264		23:41:30	3:11:30	99.5	0.4	114.8
0265		23:42:00	3:12:00	99.5	0.0	114.8
0266		23:42:30	3:12:30	99.5	0.0	114.8
0267		23:43:00	3:13:00	99.8	0.4	114.8
0268		23:43:30	3:13:30	99.8	0.0	114.8
0269		23:44:00	3:14:00	100.2	0.4	114.9
0270		23:44:30	3:14:30	100.2	0.0	114.9
0271		23:45:00	3:15:00	100.2	0.0	114.9
0272		23:45:30	3:15:30	100.6	0.4	114.9
0273		23:46:00	3:16:00	100.6	-0.0	114.9
0274		23:46:30	3:16:30	100.6	0.0	114.9
0275		23:47:00	3:17:00	101.0	0.4	114.9
0276		23:47:30	3:17:30	101.0	0.0	114.9
0277		23:48:00	3:18:00	101.4	0.4	114.9
0278		23:48:30	3:18:30	101.4	0.0	114.9
0279		23:49:00	3:19:00	101.8	0.4	115.0
0280		23:49:30	3:19:30	101.8	0.0	115.0
0281		23:50:00	3:20:00	101.8	0.0	115.0
0282		23:50:30	3:20:30	102.2	0.4	115.0
0283		23:51:00	3:21:00	102.2	-0.0	115.0
0284		23:51:30	3:21:30	102.6	0.4	115.0
0285		23:52:00	3:22:00	102.6	0.0	115.0
0286		23:52:30	3:22:30	102.6	0.0	115.0
0287		23:53:00	3:23:00	102.6	0.0	115.0
0288		23:53:30	3:23:30	102.9	0.4	115.0
0289		23:54:00	3:24:00	102.9	0.0	115.0
0290		23:54:30	3:24:30	103.3	0.4	115.0
0291		23:55:00	3:25:00	103.3	0.0	115.0
0292		23:55:30	3:25:30	103.7	0.4	115.0
0293		23:56:00	3:26:00	94.2	-9.5	115.1
0294		23:56:30	3:26:30	63.4	-30.8	115.1

Company: OXY USA
Well Name: #1 BLAIR F

PTR 01161

Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Pressure (psi) (delta)	Temp. (deg F)
0295	95-10-12	23:57:00	3:27:00	55.9	-7.5	115.0
0296		23:57:30	3:27:30	52.7	-3.1	115.0
0297		23:58:00	3:28:00	53.2	0.4	114.9
0298		23:58:30	3:28:30	53.5	0.4	114.9
0299		23:59:00	3:29:00	54.3	0.8	114.9
0300		23:59:30	3:29:30	54.3	0.0	114.9
0301	95-10-13	00:00:00	3:30:00	54.7	0.4	114.9
0302		00:00:30	3:30:30	55.1	0.4	114.9
0303		00:01:00	3:31:00	55.1	0.0	114.9
0304		00:01:30	3:31:30	55.1	0.0	114.9
0305		00:02:00	3:32:00	55.5	0.4	114.9
0306		00:02:30	3:32:30	55.5	0.0	114.9
0307		00:03:00	3:33:00	55.9	0.4	115.0
0308		00:03:30	3:33:30	56.3	0.4	115.0
0309		00:04:00	3:34:00	56.3	0.0	115.0
0310		00:04:30	3:34:30	56.3	0.0	115.0
0311		00:05:00	3:35:00	56.7	0.4	115.0
0312		00:05:30	3:35:30	56.7	0.0	115.0
0313		00:06:00	3:36:00	57.1	0.4	115.0
0314		00:06:30	3:36:30	57.1	-0.0	115.0
0315		00:07:00	3:37:00	57.5	0.4	115.0
0316		00:07:30	3:37:30	57.5	0.0	115.0
0317		00:08:00	3:38:00	57.5	-0.0	115.1
0318		00:08:30	3:38:30	57.5	0.0	115.1
0319		00:09:00	3:39:00	57.9	0.4	115.1
0320		00:09:30	3:39:30	57.9	0.0	115.1
0321		00:10:00	3:40:00	57.8	-0.0	115.1
0322		00:10:30	3:40:30	58.2	0.4	115.1
0323		00:11:00	3:41:00	58.2	0.0	115.1
0324		00:11:30	3:41:30	58.2	0.0	115.1
0325		00:12:00	3:42:00	58.2	-0.0	115.2
0326		00:12:30	3:42:30	58.6	0.4	115.2
0327		00:13:00	3:43:00	58.6	0.0	115.2
0328		00:13:30	3:43:30	59.0	0.4	115.2
0329		00:14:00	3:44:00	59.0	0.0	115.2
0330		00:14:30	3:44:30	59.0	0.0	115.2
0331		00:15:00	3:45:00	59.0	0.0	115.2
0332		00:15:30	3:45:30	59.4	0.4	115.2
0333		00:16:00	3:46:00	59.4	0.0	115.2
0334		00:16:30	3:46:30	59.4	0.0	115.2
0335		00:17:00	3:47:00	59.4	0.0	115.2
0336		00:17:30	3:47:30	59.8	0.4	115.3
0337		00:18:00	3:48:00	59.8	0.0	115.3
0338		00:18:30	3:48:30	59.8	0.0	115.3
0339		00:19:00	3:49:00	60.2	0.4	115.3
0340		00:19:30	3:49:30	60.1	-0.0	115.3
0341		00:20:00	3:50:00	60.1	0.0	115.3
0342		00:20:30	3:50:30	60.1	0.0	115.3
0343		00:21:00	3:51:00	60.5	0.4	115.3

Company: OXY USA
Well Name: #1 BLAIR F

PTR 01161

Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Pressure (psi) (delta)	Temp. (deg F)
0344	95-10-13	00:21:30	3:51:30	60.5	-0.0	115.4
0345		00:22:00	3:52:00	60.5	0.0	115.4
0346		00:22:30	3:52:30	60.5	0.0	115.4
0347		00:23:00	3:53:00	60.9	0.4	115.4
0348		00:23:30	3:53:30	60.9	-0.0	115.4
0349		00:24:00	3:54:00	60.9	0.0	115.4
0350		00:24:30	3:54:30	60.9	0.0	115.4
0351		00:25:00	3:55:00	61.3	0.4	115.4
0352		00:25:30	3:55:30	61.3	-0.0	115.5
0353		00:26:00	3:56:00	61.3	0.0	115.5
0354		00:26:30	3:56:30	60.9	-0.4	115.5
0355		00:27:00	3:57:00	60.9	0.0	115.5
0356		00:27:30	3:57:30	60.9	-0.0	115.5
0357		00:28:00	3:58:00	61.3	0.4	115.5
0358		00:28:30	3:58:30	61.3	0.0	115.5
0359		00:29:00	3:59:00	61.3	0.0	115.5
0360		00:29:30	3:59:30	61.3	0.0	115.5
0361		00:30:00	4:00:00	61.3	-0.0	115.5
0362		00:30:30	4:00:30	61.7	0.4	115.5
0363		00:31:00	4:01:00	61.7	0.0	115.5
0364		00:31:30	4:01:30	61.7	0.0	115.5
0365		00:32:00	4:02:00	61.6	-0.0	115.6
0366		00:32:30	4:02:30	62.0	0.4	115.6
0367		00:33:00	4:03:00	62.0	0.0	115.6
0368		00:33:30	4:03:30	62.0	0.0	115.6
0369		00:34:00	4:04:00	62.0	0.0	115.6
0370		00:34:30	4:04:30	62.0	-0.0	115.6
0371		00:35:00	4:05:00	62.0	0.0	115.6
0372		00:35:30	4:05:30	62.4	0.4	115.6
0373		00:36:00	4:06:00	62.4	0.0	115.6
0374		00:36:30	4:06:30	62.4	-0.0	115.7
0375		00:37:00	4:07:00	62.4	0.0	115.7
0376		00:37:30	4:07:30	62.8	0.4	115.7
0377		00:38:00	4:08:00	62.8	0.0	115.7
0378		00:38:30	4:08:30	62.8	-0.0	115.7
0379		00:39:00	4:09:00	62.8	0.0	115.7
0380		00:39:30	4:09:30	62.8	0.0	115.7
0381		00:40:00	4:10:00	62.8	0.0	115.7
0382		00:40:30	4:10:30	63.2	0.4	115.7
0383		00:41:00	4:11:00	63.2	0.0	115.7
0384		00:41:30	4:11:30	63.2	0.0	115.7
0385		00:42:00	4:12:00	63.2	0.0	115.7
0386		00:42:30	4:12:30	63.6	0.4	115.8
0387		00:43:00	4:13:00	63.6	0.0	115.8
0388		00:43:30	4:13:30	63.6	0.0	115.8
0389		00:44:00	4:14:00	63.6	0.0	115.8
0390		00:44:30	4:14:30	63.6	0.0	115.8
0391		00:45:00	4:15:00	63.9	0.4	115.8
0392		00:45:30	4:15:30	63.9	0.0	115.8

Company: OXY USA
Well Name: #1 BLAIR F

PTR 01161

Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Pressure (psi) (delta)	Temp. (deg F)
0393	95-10-13	00:46:00	4:16:00	63.9	0.0	115.8
0394		00:46:30	4:16:30	63.9	0.0	115.8
0395		00:47:00	4:17:00	64.3	0.4	115.9
0396		00:47:30	4:17:30	64.3	0.0	115.9
0397		00:48:00	4:18:00	64.3	0.0	115.9
0398		00:48:30	4:18:30	64.3	0.0	115.9
0399		00:49:00	4:19:00	64.3	-0.0	115.9
0400		00:49:30	4:19:30	64.7	0.4	115.9
0401		00:50:00	4:20:00	64.7	0.0	115.9
0402		00:50:30	4:20:30	64.7	0.0	115.9
0403		00:51:00	4:21:00	64.7	0.0	115.9
0404		00:51:30	4:21:30	64.7	-0.0	116.0
0405		00:52:00	4:22:00	65.1	0.4	116.0
0406		00:52:30	4:22:30	65.1	0.0	116.0
0407		00:53:00	4:23:00	65.1	0.0	116.0
0408		00:53:30	4:23:30	65.1	0.0	116.0
0409		00:54:00	4:24:00	65.1	-0.0	116.0
0410		00:54:30	4:24:30	65.1	0.0	116.0
0411		00:55:00	4:25:00	65.5	0.4	116.0
0412		00:55:30	4:25:30	65.5	0.0	116.0
0413		00:56:00	4:26:00	65.5	0.0	116.0
0414		00:56:30	4:26:30	65.5	-0.0	116.0
0415		00:57:00	4:27:00	65.5	0.0	116.0
0416		00:57:30	4:27:30	65.5	0.0	116.0
0417		00:58:00	4:28:00	65.8	0.4	116.0
0418		00:58:30	4:28:30	65.8	-0.0	116.1
0419		00:59:00	4:29:00	65.8	0.0	116.1
0420		00:59:30	4:29:30	65.8	0.0	116.1
0421		01:00:00	4:30:00	66.2	0.4	116.1
0422		01:00:30	4:30:30	66.2	0.0	116.1
0423		01:01:00	4:31:00	66.2	-0.0	116.1
0424		01:01:30	4:31:30	66.2	0.0	116.1
0425		01:02:00	4:32:00	66.2	0.0	116.1
0426		01:02:30	4:32:30	66.2	0.0	116.1
0427		01:03:00	4:33:00	66.6	0.4	116.2
0428		01:03:30	4:33:30	66.6	0.0	116.2
0429		01:04:00	4:34:00	66.6	0.0	116.2
0430		01:04:30	4:34:30	66.6	0.0	116.2
0431		01:05:00	4:35:00	66.6	0.0	116.2
0432		01:05:30	4:35:30	66.6	-0.0	116.2
0433		01:06:00	4:36:00	67.0	0.4	116.2
0434		01:06:30	4:36:30	67.0	0.0	116.2
0435		01:07:00	4:37:00	67.0	0.0	116.2
0436		01:07:30	4:37:30	67.0	0.0	116.2
0437		01:08:00	4:38:00	67.0	-0.0	116.2
0438		01:08:30	4:38:30	67.0	0.0	116.2
0439		01:09:00	4:39:00	67.4	0.4	116.2
0440		01:09:30	4:39:30	67.4	0.0	116.2
0441		01:10:00	4:40:00	67.4	0.0	116.2

Company: OXY USA
Well Name: #1 BLAIR F

PTR 01161

Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Pressure (psi) (delta)	Temp. (deg F)
0442	95-10-13	01:10:30	4:40:30	67.4	-0.0	116.3
0443		01:11:00	4:41:00	67.4	0.0	116.3
0444		01:11:30	4:41:30	67.4	0.0	116.3
0445		01:12:00	4:42:00	67.4	0.0	116.3
0446		01:12:30	4:42:30	67.7	0.4	116.3
0447		01:13:00	4:43:00	67.7	-0.0	116.3
0448		01:13:30	4:43:30	67.7	0.0	116.3
0449		01:14:00	4:44:00	67.7	0.0	116.3
0450		01:14:30	4:44:30	68.1	0.4	116.3
0451		01:15:00	4:45:00	68.1	0.0	116.3
0452		01:15:30	4:45:30	68.1	-0.0	116.4
0453		01:16:00	4:46:00	68.1	0.0	116.4
0454		01:16:30	4:46:30	68.1	0.0	116.4
0455		01:17:00	4:47:00	68.1	0.0	116.4
0456		01:17:30	4:47:30	68.5	0.4	116.4
0457		01:18:00	4:48:00	68.5	-0.0	116.4
0458		01:18:30	4:48:30	68.5	0.0	116.4
0459		01:19:00	4:49:00	68.5	0.0	116.4
0460		01:19:30	4:49:30	68.5	0.0	116.4
0461		01:20:00	4:50:00	68.5	0.0	116.4
0462		01:20:30	4:50:30	68.5	-0.0	116.5
0463		01:21:00	4:51:00	68.9	0.4	116.5
0464		01:21:30	4:51:30	68.9	0.0	116.5
0465		01:22:00	4:52:00	68.9	0.0	116.5
0466		01:22:30	4:52:30	68.9	0.0	116.5
0467		01:23:00	4:53:00	69.3	0.4	116.5
0468		01:23:30	4:53:30	69.3	0.0	116.5
0469		01:24:00	4:54:00	69.3	0.0	116.5
0470		01:24:30	4:54:30	69.3	0.0	116.5
0471		01:25:00	4:55:00	69.2	-0.0	116.5
0472		01:25:30	4:55:30	69.2	0.0	116.5
0473		01:26:00	4:56:00	69.2	0.0	116.5
0474		01:26:30	4:56:30	69.2	0.0	116.5
0475		01:27:00	4:57:00	69.2	0.0	116.5
0476		01:27:30	4:57:30	2331.1	2261.9	116.6
0477		01:28:00	4:58:00	2303.4	-27.7	117.2
0478		01:28:30	4:58:30	2313.0	9.6	118.2
0479		01:29:00	4:59:00	2317.5	4.5	119.0
0480		01:29:30	4:59:30	2320.4	3.0	119.7
0481		01:30:00	5:00:00	2322.3	1.9	120.4
0482		01:30:30	5:00:30	2323.9	1.6	120.8
0483		01:31:00	5:01:00	2325.2	1.3	121.2
0484		01:31:30	5:01:30	2325.7	0.5	121.5
0485		01:32:00	5:02:00	2326.7	1.0	121.7
0486		01:32:30	5:02:30	2266.4	-60.3	121.8
0487		01:33:00	5:03:00	2306.6	40.2	121.9
0488		01:33:30	5:03:30	2423.1	116.4	121.9
0489		01:34:00	5:04:00	2409.9	-13.2	121.9
0490		01:34:30	5:04:30	2210.5	-199.4	121.9

Company: OXY USA
Well Name: #1 BLAIR F

PTR 01161

Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Pressure (psi) (delta)	Temp. (deg F)
0491	95-10-13	01:35:00	5:05:00	2376.4	165.9	121.9
0492		01:35:30	5:05:30	2370.1	-6.3	121.8
0493		01:36:00	5:06:00	2361.0	-9.1	121.8
0494		01:36:30	5:06:30	2214.7	-146.3	121.7
0495		01:37:00	5:07:00	2349.9	135.2	121.7
0496		01:37:30	5:07:30	2358.3	8.4	121.7
0497		01:38:00	5:08:00	2153.0	-205.3	121.6
0498		01:38:30	5:08:30	2138.7	-14.3	121.5
0499		01:39:00	5:09:00	2324.2	185.5	121.4
0500		01:39:30	5:09:30	2107.3	-216.9	121.3
0501		01:40:00	5:10:00	2104.2	-3.2	121.3
0502		01:40:30	5:10:30	2280.9	176.7	121.2
0503		01:41:00	5:11:00	2087.5	-193.3	121.2
0504		01:41:30	5:11:30	2249.9	162.4	121.1
0505		01:42:00	5:12:00	2241.6	-8.3	121.0
0506		01:42:30	5:12:30	2036.0	-205.6	120.8
0507		01:43:00	5:13:00	2199.3	163.3	120.5
0508		01:43:30	5:13:30	1956.4	-242.9	120.2
0509		01:44:00	5:14:00	1991.4	34.9	119.8
0510		01:44:30	5:14:30	2157.4	166.1	119.5
0511		01:45:00	5:15:00	1944.4	-213.0	119.2
0512		01:45:30	5:15:30	1943.4	-1.0	119.0
0513		01:46:00	5:16:00	2112.6	169.2	118.7
0514		01:46:30	5:16:30	1896.3	-216.3	118.5
0515		01:47:00	5:17:00	2061.5	165.1	118.3
0516		01:47:30	5:17:30	1922.9	-138.5	118.1
0517		01:48:00	5:18:00	1887.6	-35.3	117.9
0518		01:48:30	5:18:30	2021.1	133.4	117.5
0519		01:49:00	5:19:00	1811.4	-209.7	117.0
0520		01:49:30	5:19:30	1847.6	36.2	116.6
0521		01:50:00	5:20:00	1982.2	134.7	116.2
0522		01:50:30	5:20:30	1795.9	-186.3	115.8
0523		01:51:00	5:21:00	1945.7	149.8	115.5
0524		01:51:30	5:21:30	1934.0	-11.7	115.1
0525		01:52:00	5:22:00	1752.8	-181.2	114.8
0526		01:52:30	5:22:30	1899.4	146.6	114.5
0527		01:53:00	5:23:00	1702.5	-196.8	114.3
0528		01:53:30	5:23:30	1619.7	-82.8	114.1
0529		01:54:00	5:24:00	1845.2	225.5	113.9
0530		01:54:30	5:24:30	1657.1	-188.1	113.7
0531		01:55:00	5:25:00	1811.6	154.5	113.5
0532		01:55:30	5:25:30	1625.9	-185.7	113.2
0533		01:56:00	5:26:00	1588.5	-37.4	113.0
0534		01:56:30	5:26:30	1766.7	178.1	112.7
0535		01:57:00	5:27:00	1568.6	-198.1	112.5
0536		01:57:30	5:27:30	1733.3	164.7	112.0
0537		01:58:00	5:28:00	1650.2	-83.1	111.6
0538		01:58:30	5:28:30	1500.0	-150.1	111.2
0539		01:59:00	5:29:00	1692.2	192.1	110.9

Company: OXY USA
Well Name: #1 BLAIR F

PTR 01161

Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Pressure (psi) (delta)	Temp. (deg F)
0540	95-10-13	01:59:30	5:29:30	1493.7	-198.4	110.5
0541		02:00:00	5:30:00	1636.8	143.0	110.2
0542		02:00:30	5:30:30	1625.4	-11.3	109.9
0543		02:01:00	5:31:00	1458.5	-166.9	109.5
0544		02:01:30	5:31:30	1602.7	144.2	109.2
0545		02:02:00	5:32:00	1406.6	-196.1	109.0
0546		02:02:30	5:32:30	1510.8	104.2	108.8
0547		02:03:00	5:33:00	1547.2	36.4	108.6
0548		02:03:30	5:33:30	1355.1	-192.1	108.5
0549		02:04:00	5:34:00	1506.4	151.3	108.3
0550		02:04:30	5:34:30	1359.0	-147.4	108.1
0551		02:05:00	5:35:00	1466.3	107.4	108.0
0552		02:05:30	5:35:30	1320.8	-145.5	107.8
0553		02:06:00	5:36:00	1288.7	-32.2	107.7
0554		02:06:30	5:36:30	1412.8	124.1	107.5
0555		02:07:00	5:37:00	1272.1	-140.6	107.3
0556		02:07:30	5:37:30	1376.3	104.2	107.1
0557		02:08:00	5:38:00	1227.4	-148.9	106.9
0558		02:08:30	5:38:30	1335.9	108.5	106.7
0559		02:09:00	5:39:00	1326.1	-9.8	106.4
0560		02:09:30	5:39:30	1192.4	-133.7	106.2
0561		02:10:00	5:40:00	1282.6	90.2	105.9
0562		02:10:30	5:40:30	1169.5	-113.0	105.7
0563		02:11:00	5:41:00	1242.1	72.6	105.5
0564		02:11:30	5:41:30	1102.8	-139.3	105.3
0565		02:12:00	5:42:00	1201.4	98.6	105.0
0566		02:12:30	5:42:30	1194.0	-7.4	104.8
0567		02:13:00	5:43:00	1065.0	-129.0	104.5
0568		02:13:30	5:43:30	1146.8	81.8	104.3
0569		02:14:00	5:44:00	1021.1	-125.8	104.2
0570		02:14:30	5:44:30	1091.2	70.2	104.0
0571		02:15:00	5:45:00	979.1	-112.1	103.8
0572		02:15:30	5:45:30	1035.2	56.1	103.7
0573		02:16:00	5:46:00	1033.7	-1.5	103.6
0574		02:16:30	5:46:30	893.5	-140.2	103.4
0575		02:17:00	5:47:00	980.2	86.7	103.3
0576		02:17:30	5:47:30	850.3	-129.9	103.2
0577		02:18:00	5:48:00	919.1	68.8	103.1
0578		02:18:30	5:48:30	802.7	-116.4	103.0
0579		02:19:00	5:49:00	860.4	57.7	102.8
0580		02:19:30	5:49:30	819.1	-41.3	102.7
0581		02:20:00	5:50:00	792.9	-26.2	102.6
0582		02:20:30	5:50:30	808.1	15.2	102.5
0583		02:21:00	5:51:00	654.3	-153.8	102.4
0584		02:21:30	5:51:30	733.5	79.2	102.2
0585		02:22:00	5:52:00	750.6	17.2	102.1
0586		02:22:30	5:52:30	602.4	-148.2	102.0
0587		02:23:00	5:53:00	681.2	78.8	101.8
0588		02:23:30	5:53:30	698.8	17.6	101.7

Company: OXY USA
Well Name: #1 BLAIR F

PTR 01161

Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Pressure (psi) (delta)	Temp. (deg F)
0589	95-10-13	02:24:00	5:54:00	590.7	-108.1	101.5
0590		02:24:30	5:54:30	671.9	81.2	101.3
0591		02:25:00	5:55:00	598.8	-73.1	101.1
0592		02:25:30	5:55:30	652.6	53.8	100.9
0593		02:26:00	5:56:00	602.6	-50.0	100.6
0594		02:26:30	5:56:30	634.5	31.9	100.4
0595		02:27:00	5:57:00	641.5	6.9	100.0
0596		02:27:30	5:57:30	638.9	-2.6	99.7
0597		02:28:00	5:58:00	631.1	-7.8	99.2
0598		02:28:30	5:58:30	558.1	-73.0	98.8
0599		02:29:00	5:59:00	609.3	51.2	98.3
0600		02:29:30	5:59:30	533.1	-76.1	97.8
0601		02:30:00	6:00:00	568.3	35.2	97.3
0602		02:30:30	6:00:30	484.8	-83.5	96.9
0603		02:31:00	6:01:00	513.5	28.7	96.4
0604		02:31:30	6:01:30	421.3	-92.2	96.0
0605		02:32:00	6:02:00	450.8	29.5	95.6
0606		02:32:30	6:02:30	385.6	-65.3	95.2
0607		02:33:00	6:03:00	391.3	5.7	94.9
0608		02:33:30	6:03:30	326.4	-64.9	94.5
0609		02:34:00	6:04:00	330.5	4.1	94.2
0610		02:34:30	6:04:30	283.8	-46.7	93.9
0611		02:35:00	6:05:00	254.6	-29.2	93.5
0612		02:35:30	6:05:30	213.0	-41.5	93.2
0613		02:36:00	6:06:00	163.9	-49.1	93.0
0614		02:36:30	6:06:30	150.2	-13.8	92.7
0615		02:37:00	6:07:00	73.7	-76.5	92.4
0616		02:37:30	6:07:30	77.7	4.1	92.2
0617		02:38:00	6:08:00	80.6	2.8	92.0
0618		02:38:30	6:08:30	83.8	3.2	91.8
0619		02:39:00	6:09:00	74.3	-9.5	91.6
0620		02:39:30	6:09:30	14.8	-59.5	91.5
0621		02:40:00	6:10:00	14.8	0.0	91.5
0622		02:40:30	6:10:30	14.8	0.0	91.4
0623		02:41:00	6:11:00	14.4	-0.4	91.4
0624		02:41:30	6:11:30	14.5	0.0	91.4
0625		02:42:00	6:12:00	14.5	0.0	91.3
0626		02:42:30	6:12:30	14.1	-0.4	91.3
0627		02:43:00	6:13:00	14.1	0.0	91.2
0628		02:43:30	6:13:30	14.1	0.0	91.2
0629		02:44:00	6:14:00	14.1	0.0	91.2
0630		02:44:30	6:14:30	14.1	0.0	91.1
0631		02:45:00	6:15:00	13.8	-0.4	91.1
0632		02:45:30	6:15:30	13.8	0.0	91.1
0633		02:46:00	6:16:00	13.8	0.0	91.0
0634		02:46:30	6:16:30	13.8	0.0	91.0
0635		02:47:00	6:17:00	13.4	-0.4	91.0
0636		02:47:30	6:17:30	13.4	0.0	90.9
0637		02:48:00	6:18:00	13.4	0.0	90.9

Company: OXY USA
Well Name: #1 BLAIR F

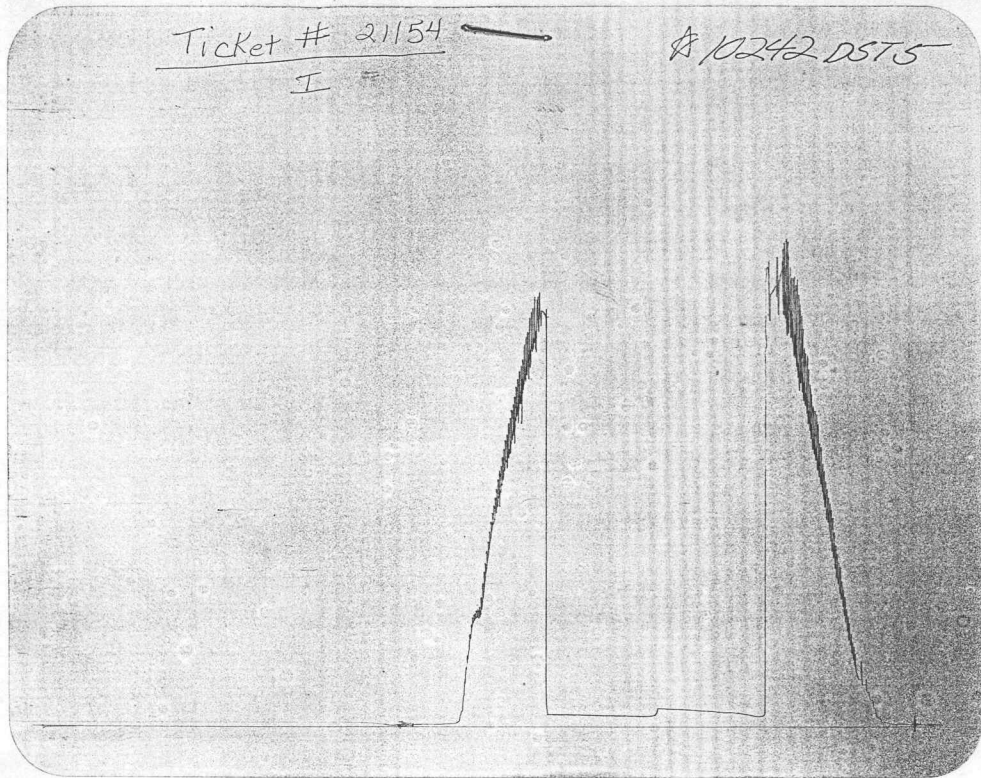
PTR 01161

Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs) (delta)	Temp. (deg F)	
0638	95-10-13	02:48:30	6:18:30	13.4	0.0	90.9
0639		02:49:00	6:19:00	13.4	0.0	90.8
0640		02:49:30	6:19:30	13.5	0.0	90.8
0641		02:50:00	6:20:00	13.1	-0.4	90.7
0642		02:50:30	6:20:30	13.1	0.0	90.7
0643		02:51:00	6:21:00	13.1	0.0	90.7
0644		02:51:30	6:21:30	13.1	0.0	90.7
0645		02:52:00	6:22:00	13.1	0.0	90.6
0646		02:52:30	6:22:30	13.1	0.0	90.6
0647		02:53:00	6:23:00	13.1	0.0	90.5
0648		02:53:30	6:23:30	13.2	0.0	90.5
0649		02:54:00	6:24:00	13.2	0.0	90.5
0650		02:54:30	6:24:30	13.2	0.0	90.5
0651		02:55:00	6:25:00	13.2	0.0	90.4
0652		02:55:30	6:25:30	12.8	-0.4	90.4
0653		02:56:00	6:26:00	12.8	0.0	90.3
0654		02:56:30	6:26:30	12.8	0.0	90.3
0655		02:57:00	6:27:00	12.8	0.0	90.3
0656		02:57:30	6:27:30	12.8	0.0	90.3
0657		02:58:00	6:28:00	12.8	0.0	90.2
0658		02:58:30	6:28:30	12.8	0.0	90.2
0659		02:59:00	6:29:00	12.8	0.0	90.2
0660		02:59:30	6:29:30	12.9	0.0	90.2
0661		03:00:00	6:30:00	12.9	0.0	90.1
0662		03:00:30	6:30:30	12.9	0.0	90.1
0663		03:01:00	6:31:00	12.9	0.0	90.1
0664		03:01:30	6:31:30	12.9	0.0	90.1
0665		03:02:00	6:32:00	12.9	0.0	90.0
0666		03:02:30	6:32:30	12.9	0.0	90.0
0667		03:03:00	6:33:00	12.9	0.0	90.0
0668		03:03:30	6:33:30	12.9	0.0	90.0
0669		03:04:00	6:34:00	12.9	0.0	90.0
0670		03:04:30	6:34:30	12.5	-0.4	89.9
0671		03:05:00	6:35:00	12.9	0.4	89.9
0672		03:05:30	6:35:30	13.0	0.0	89.9
0673		03:06:00	6:36:00	13.0	0.0	89.9
0674		03:06:30	6:36:30	13.0	0.0	89.8
0675		03:07:00	6:37:00	12.6	-0.4	89.8
0676		03:07:30	6:37:30	12.6	0.0	89.8
0677		03:08:00	6:38:00	12.6	0.0	89.8
0678		03:08:30	6:38:30	12.6	0.0	89.7
0679		03:09:00	6:39:00	12.7	0.0	89.6
0680		03:09:30	6:39:30	13.1	0.5	89.3
0681		03:10:00	6:40:00	13.3	0.2	88.8
0682		03:10:30	6:40:30	13.5	0.2	88.3
0683		03:11:00	6:41:00	13.6	0.1	87.9
0684		03:11:30	6:41:30	13.3	-0.3	87.5
0685		03:12:00	6:42:00	13.4	0.1	87.2
0686		03:12:30	6:42:30	13.5	0.1	87.0

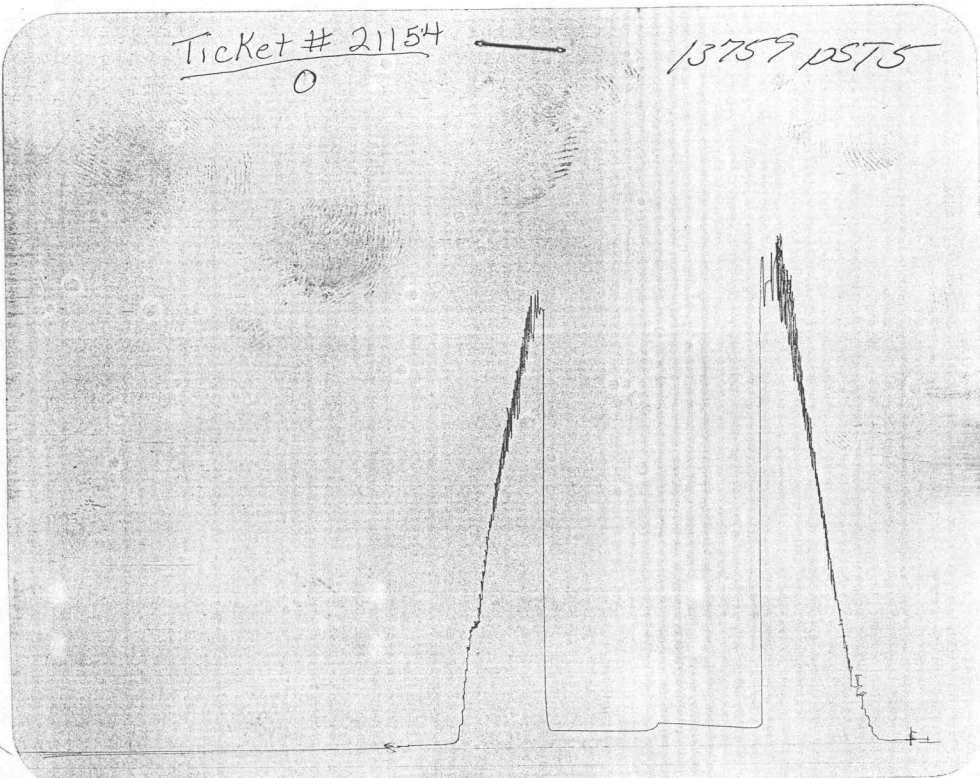
Company: OXY USA
Well Name: #1 BLAIR F

PTR 01161

Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Temp. (deg F)
0687	95-10-13	03:13:00	6:43:00	13.6	86.7
0688		03:13:30	6:43:30	13.6	86.5
0689		03:14:00	6:44:00	13.7	86.4
0690		03:14:30	6:44:30	13.8	86.2
0691		03:15:00	6:45:00	13.8	86.1
0692		03:15:30	6:45:30	13.4	86.0
0693		03:16:00	6:46:00	13.5	85.8
0694		03:16:30	6:46:30	13.5	85.7
0695		03:17:00	6:47:00	13.5	85.7
0696		03:17:30	6:47:30	13.6	85.6
0697		03:18:00	6:48:00	13.6	85.5
0698		03:18:30	6:48:30	13.2	85.4
0699		03:19:00	6:49:00	13.2	85.3
0700		03:19:30	6:49:30	13.3	85.2
0701		03:20:00	6:50:00	13.3	85.2
0702		03:20:30	6:50:30	13.3	85.1
0703		03:21:00	6:51:00	13.3	85.0
0704		03:21:30	6:51:30	13.4	85.0
0705		03:22:00	6:52:00	13.4	84.8
0706		03:22:30	6:52:30	13.6	84.2
0707		03:23:00	6:53:00	14.0	82.9
0708		03:23:30	6:53:30	14.5	81.6
0709		03:24:00	6:54:00	14.8	80.5
0710		03:24:30	6:54:30	15.1	79.7



Inside Recorder



Outside Recorder