

Well Name:	BECKER #1			
Company :	ESP DEVELOPMENT INC			
Location - Sec:	9	Twp:	10S	Rge: 12W
County:	OSBORNE	State:	KS	
Date:	11/2/95			

TRILOBITE TESTING L.L.C.

OPERATOR : ESP Development Inc.

DATE 11-01-95

WELL NAME: Becker #1

KB 1830.00 ft

TICKET NO: 8651 DST #1

LOCATION : 9-10S-12W, Osborne Cty KS

GR 1825.00 ft

FORMATION: Lansing "A-B"

INTERVAL : 3043.00 To 3105.00 ft

TD 3105.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	24174	24174	10992			PF Fr. 1223 to 1253 hr
SI 30	Range(Psi)	3050.0	3050.0	4250.0	0.0	0.0	IS Fr. 1253 to 1323 hr
SF 45	Clock(hrs)	12 hr	12 hr	12 hr			SF Fr. 1323 to 1408 hr
FS 45	Depth(ft)	3070.0	3080.0	3100.0	0.0	0.0	FS Fr. 1408 to 1453 hr

	Field	1	2	3	4	
A. Init Hydro	1468.0	1457.0	0.0	0.0	0.0	T STARTED 1125 hr
B. First Flow	37.0	44.0	0.0	0.0	0.0	T ON BOTM 1221 hr
B1. Final Flow	44.0	44.0	0.0	0.0	0.0	T OPEN 1223 hr
C. In Shut-in	119.0	112.0	0.0	0.0	0.0	T PULLED 1453 hr
D. Init Flow	44.0	44.0	0.0	0.0	0.0	T OUT 1600 hr
E. Final Flow	44.0	47.0	0.0	0.0	0.0	
F. Fl Shut-in	629.0	628.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1416.0	1419.0	0.0	0.0	0.0	Tool Wt. 2000.00 lbs
Inside/Outside	I	I	O			Wt Set On Packer 25000.00 lbs
						Wt Pulled Loose 48000.00 lbs
						Initial Str Wt 48000.00 lbs
						Unseated Str Wt 48000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D Col. ID 0.00 in
						D. Pipe ID 3.80 in
						D.C. Length 0.00 ft
						D.P. Length 2289.00 ft
						H.W. I.D 2.70 in
						H.W. Length 756.00 ft

RECOVERY

Tot Fluid 45.00 ft of 0.00 ft in DC and 45.00 ft in DP
 105.00 ft of Gas in pipe
 45.00 ft of Oil cut mud - 10% oil, 90% mud

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

BLOW DESCRIPTION

Initial Blow -
 Weak surface blow building to 2.5"

Initial Shutin -
 No blow

Final Blow -
 1.5" blow building to 5.5"

Final Shutin -
 Weak surface blow

SAMPLES:
 SENT TO:

MUD DATA-----

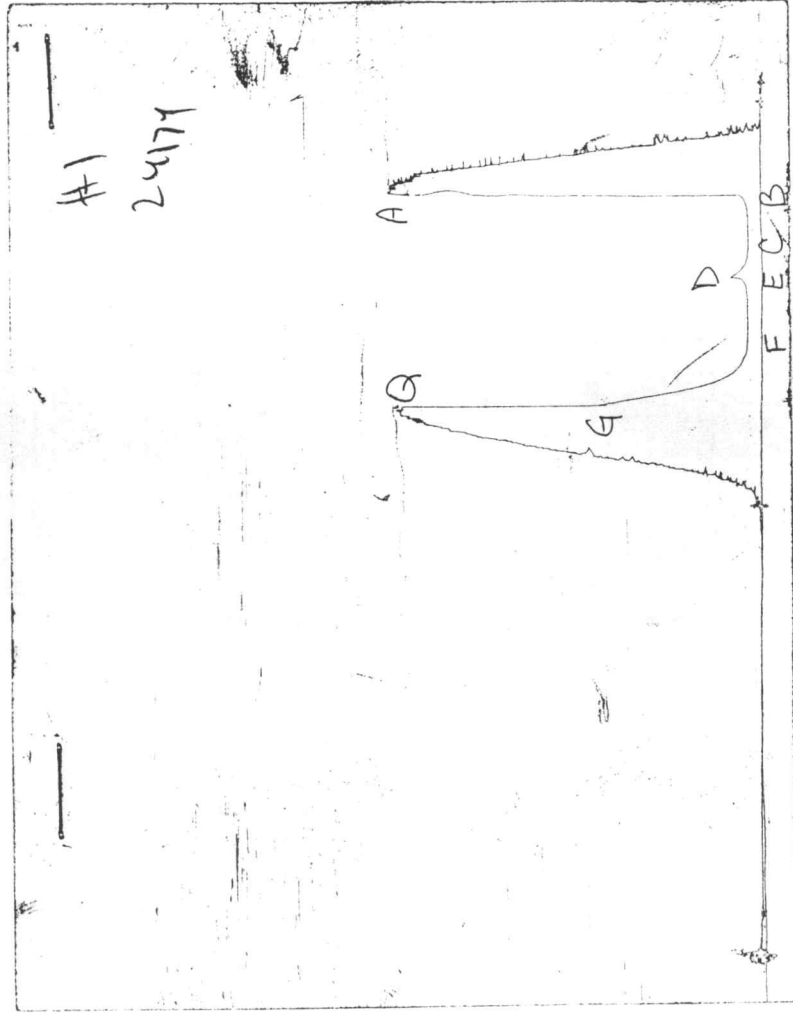
Mud Type	Chemical
Weight	9.00 lb/l
Vis.	50.00 S/L
W.L.	6.00 in3
F.C.	0.00 in
Mud Drop N	

Amt. of fill	0.00 ft
Btm. H. Temp.	98.00 F
Hole Condition	good
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	
Tool Chased	

Tester Paul Simpson
 Co. Rep. Randy Kilian
 Contr. Shields
 Rig # 2
 Unit #
 Pump T.

Test Successful: Y

CHART PAGE



This is an actual photograph of recorder chart

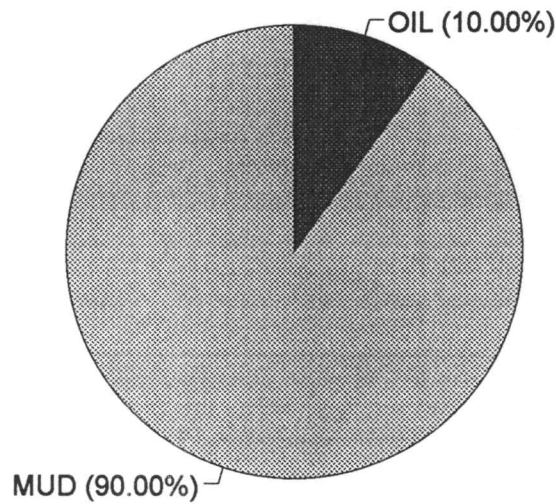
CALCULATED RECOVERY ANALYSIS WEIGHT PIPE

DST # 1

TICKET # 8651

SAMPLE #	TOTAL FEET	GAS		OIL		WATER		MUD	
		%	FEET	%	FEET	%	FEET	%	FEET
1	45		0	10	4.5		0	90	40.5
2			0		0		0		0
3			0		0		0		0
4			0		0		0		0
5			0		0		0		0
TOTAL	45	0	0	10	4.5	0	0	90	40.5

BBL OIL=	0.0315	*	HRS OPE	BBL/DAY
BBL WAT	0	*	1.25	0.6048
BBL MUD	0.2835			0
BBL GAS	0			



*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Becker #1

LOCATION : 9-10S-12W

TICKET No. 8651 D.S.T. No. 1 DATE 11-01-95

TOTAL TOOL TO BOTTOM OF TOP PACKERS 20

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 30

TOTAL TOOL 50

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single 1 Total 32

TOTAL ASSEMBLY 82

D.C. ABOVE TOOLS.Stands Single Total

D.P. ABOVE TOOLS.Stands49 Single Total 3045

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 3127

TOTAL DEPTH 3105

TOTAL DRILL PIPE ABOVE K.B. 22

REMARKS:

P.O. SUB	
C.O. SUB changeover sub	3024
S.I. TOOL Shutin tool	3029
HMV Hydraulic tool	3034
JARS n/a	
SAFETY JOINT n/a	
PACKER Top Packer	3038
PACKER Bottom Packer	3043
DEPTH 3043	
STUBB 3044	
ANCHOR	
5' perf	3049
5' perf	3054
5' perf	3059
5' perf	3064
5'perf	3069
1' perf	3070
T.C.	
DEPTH	
AK-1 recorder	3070
32' joint of weight pipe to	3102
AK-1 recorder	3100
3' bullplug	
BULLNOSE to	
T.D.	3105

TRILOBITE TESTING L.L.C.

OPERATOR : ESP Development Inc.

DATE 11-02-95

WELL NAME: Becker #1

KB 1830.00 ft

TICKET NO: 8652 DST #2

LOCATION : 9-10S-12W, Osborne Cty KS

GR 1825.00 ft

FORMATION: Lansing "C"

INTERVAL : 3113.00 To 3124.00 ft

TD 3124.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	24174	24174	10992			PF Fr. 0008 to 0038 hr
SI 45	Range(Psi)	3050.0	3050.0	4250.0	0.0	0.0	IS Fr. 0038 to 0123 hr
SF 30	Clock(hrs)	12 hr	12 hr	12 hr			SF Fr. 0123 to 0153 hr
FS 30	Depth(ft)	3115.0	3115.0	3119.0	0.0	0.0	FS Fr. 0153 to 0223 hr

	Field	1	2	3	4	
A. Init Hydro	1499.0	1492.0	0.0	0.0	0.0	T STARTED 2313 hr
B. First Flow	22.0	12.0	0.0	0.0	0.0	T ON BOTM 0006 hr
B1. Final Flow	22.0	12.0	0.0	0.0	0.0	T OPEN 0008 hr
C. In Shut-in	37.0	41.0	0.0	0.0	0.0	T PULLED 0223 hr
D. Init Flow	22.0	12.0	0.0	0.0	0.0	T OUT 0318 hr
E. Final Flow	22.0	15.0	0.0	0.0	0.0	
F. Fl Shut-in	22.0	16.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1439.0	1438.0	0.0	0.0	0.0	Tool Wt. 1500.00 lbs
Inside/Outside	I	I	O			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 48000.00 lbs
						Initial Str Wt 48000.00 lbs
						Unseated Str Wt 48000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D Col. ID 0.00 in
						D. Pipe ID 3.80 in
						D.C. Length 0.00 ft
						D.P. Length 2352.00 ft
						H.W. I.D 2.70 in
						H.W. Length 756.00 ft

RECOVERY

Tot Fluid 1.00 ft of 0.00 ft in DC and 1.00 ft in DP
1.00 ft of Mud

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

BLOW DESCRIPTION

Initial Blow -
Weak surface blow building to 1"

Initial Shutin -
No blow

Final Blow -
No blow

SAMPLES:

SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	9.00 lb/
Vis.	50.00 S/L
W.L.	6.00 in3
F.C.	0.00 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	94.00 F
Hole Condition	good
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	
Tool Chased	
Tester	Paul Simpson
Co. Rep.	Randy Kilian
Contr.	Shields
Rig #	2
Unit #	
Pump T.	

Test Successful: Y

A hand-drawn diagram of a trapezoidal field. The top horizontal boundary is labeled 'A' on the left and 'B' on the right. The bottom horizontal boundary is labeled 'G' on the left and 'B' on the right. A vertical line segment connects the left side of the top boundary to the left side of the bottom boundary, with a point 'D' marked on it. The right side of the field is a slanted line connecting 'B' at the top to 'B' at the bottom. The area between the vertical line and the slanted line is labeled 'D' at the top and 'F E C' at the bottom. The entire field is labeled '2474' in the center. There is a small '2' in the top right corner and a small '1' in the bottom right corner.

This is an actual photograph of recorder chart

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Becker #1

LOCATION : 9-10S-12W, Osborne Cty KS

TICKET No. 8652 D.S.T. No. 2 DATE 11-02-95

TOTAL TOOL TO BOTTOM OF TOP PACKERS 20

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 11

TOTAL TOOL 41

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY

D.C. ABOVE TOOLS.Stands Single Total

D.P. ABOVE TOOLS.Stands50 Single Total 3108

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 3139

TOTAL DEPTH 3124

TOTAL DRILL PIPE ABOVE K.B. 15

REMARKS:

	P.O. SUB	
	C.O. SUB changeover sub	3094
	S.I. TOOL Shutin tool	3099
	HMV Hydraulic tool	3104
	JARS n/a	
	SAFETY JOINT n/a	
	PACKER Top Packer	3108
	PACKER Bottom Packer	3113
	DEPTH 3113	
	STUBB 3114	
	ANCHOR	
	1' perf	3115
	Ak-1 recorder	3115
	4'perf	3119
	T.C.	
	DEPTH	
	AK-1 recorder	3119
	2' perf	3121
	3' bullplug	
	BULLNOSE	to
	T.D.	3124