

WELL NAME: Albin OTM
COMPANY: L.D. Drilling Company / Rheem Resources
LOCATION: 20-16S-27W
Lane County Kansas
DATE: 12-11-96

TRILOBITE TESTING L.L.C.

OPERATOR : L.D. Drilling / Rheem
 WELL NAME: Albin OTM
 LOCATION : 20-16S-27W Lane Cty KS
 INTERVAL : 4130.00 To 4180.00 ft

DATE 12-8-96
 KB 2725.00 ft TICKET NO: 9665 DST #1
 GR 2720.00 ft FORMATION: 140-160
 TD 4180.00 ft TEST TYPE: CONV

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	10332	10332	24174			PF Fr. 0155 to 0225 hr
SI 30	Range(Psi)	4025.0	4025.0	3050.0	0.0	0.0	IS Fr. 0225 to 0255 hr
SF 30	Clock(hrs)	12 hr	12 hr	12 hr			SF Fr. 0255 to 0325 hr
FS 30	Depth(ft)	4177.0	4177.0	4164.0	0.0	0.0	FS Fr. 0325 to 0355 hr

	Field	1	2	3	4	
A. Init Hydro	2098.0	2085.0	0.0	0.0	0.0	T STARTED 0018 hr
B. First Flow	41.0	54.0	0.0	0.0	0.0	T ON BOTM 0150 hr
B1. Final Flow	51.0	54.0	0.0	0.0	0.0	T OPEN 0155 hr
C. In Shut-in	953.0	960.0	0.0	0.0	0.0	T PULLED 0355 hr
D. Init Flow	61.0	59.0	0.0	0.0	0.0	T OUT 0512 hr
E. Final Flow	61.0	59.0	0.0	0.0	0.0	
F. Fl Shut-in	862.0	857.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2048.0	2025.0	0.0	0.0	0.0	Tool Wt. 2400.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 22000.00 lbs
						Wt Pulled Loose 44000.00 lbs
						Initial Str Wt 42000.00 lbs
						Unseated Str Wt 42000.00 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 0.00 ft
						D.P. Length 4144.00 ft

RECOVERY

Tot Fluid 10.00 ft of 0.00 ft in DC and 10.00 ft in DP
 10.00 ft of mud with oil specks in tool
 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
 SALINITY 0.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

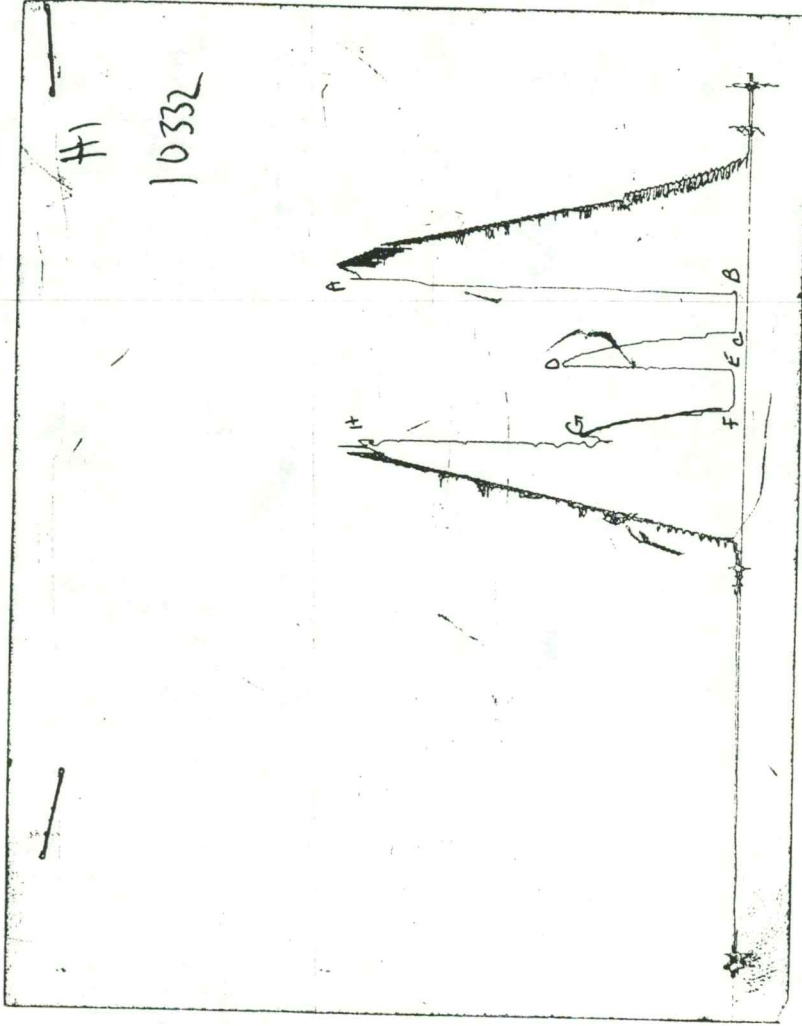
Initial Flow -
 Weak .25" blow throughout
 Final Flow -
 No blow

SAMPLES:
 SENT TO:

MUD DATA-----
 Mud Type Chemical
 Weight 9.20 lb/c
 Vis. 48.00 S/L
 W.L. 10.00 in3
 F.C. 0.00 in
 Mud Drop
 Amt. of fill 0.00 ft
 Btm. H. Temp. 106.00 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 Paul Simpson
 Co. Rep. Scott Oatsdean
 Contr. L.D.
 Rig # 1
 Unit #
 Pump T.

Test Successful: Y

CHART PAGE



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

TRILOBITE TESTING L.L.C.

OPERATOR : L.D. Drilling/ Rheem
 WELL NAME: Albin OTM
 LOCATION : 20-16S-27W Lane Cty KS
 INTERVAL : 4220.00 To 4238.00 ft

DATE 12-8-96
 KB 2725.00 ft TICKET NO: 9666 DST #2
 GR 2720.00 ft FORMATION: LKC 200
 TD 4238.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	10332	10332	24174		PF Fr. 1657 to 1727 hr
SI 45	Range(Psi)	4025.0	4025.0	3050.0	0.0	0.0 IS Fr. 1727 to 1812 hr
SF 45	Clock(hrs)	12 hr	12 hr	12 hr		SF Fr. 1812 to 1857 hr
FS 60	Depth(ft)	4235.0	4235.0	4230.0	0.0	0.0 FS Fr. 1857 to 1957 hr

	Field	1	2	3	4	
A. Init Hydro	2128.0	2128.0	0.0	0.0	0.0	T STARTED 1555 hr
B. First Flow	30.0	22.0	0.0	0.0	0.0	T ON BOTM 1650 hr
B1. Final Flow	41.0	53.0	0.0	0.0	0.0	T OPEN 1657 hr
C. In Shut-in	770.0	770.0	0.0	0.0	0.0	T PULLED 1957 hr
D. Init Flow	71.0	79.0	0.0	0.0	0.0	T OUT 2115 hr
E. Final Flow	111.0	116.0	0.0	0.0	0.0	
F. Fl Shut-in	770.0	770.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2118.0	2112.0	0.0	0.0	0.0	Tool Wt. 1900.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 0.00 lbs
						Wt Pulled Loose 0.00 lbs
						Initial Str Wt 0.00 lbs
						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 0.00 ft
						D.P. Length 4205.00 ft

RECOVERY

Tot Fluid 190.00 ft of 0.00 ft in DC and 190.00 ft in DP
 190.00 ft of Muddy salt water 80% water 20% mud
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 SALINITY 79000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

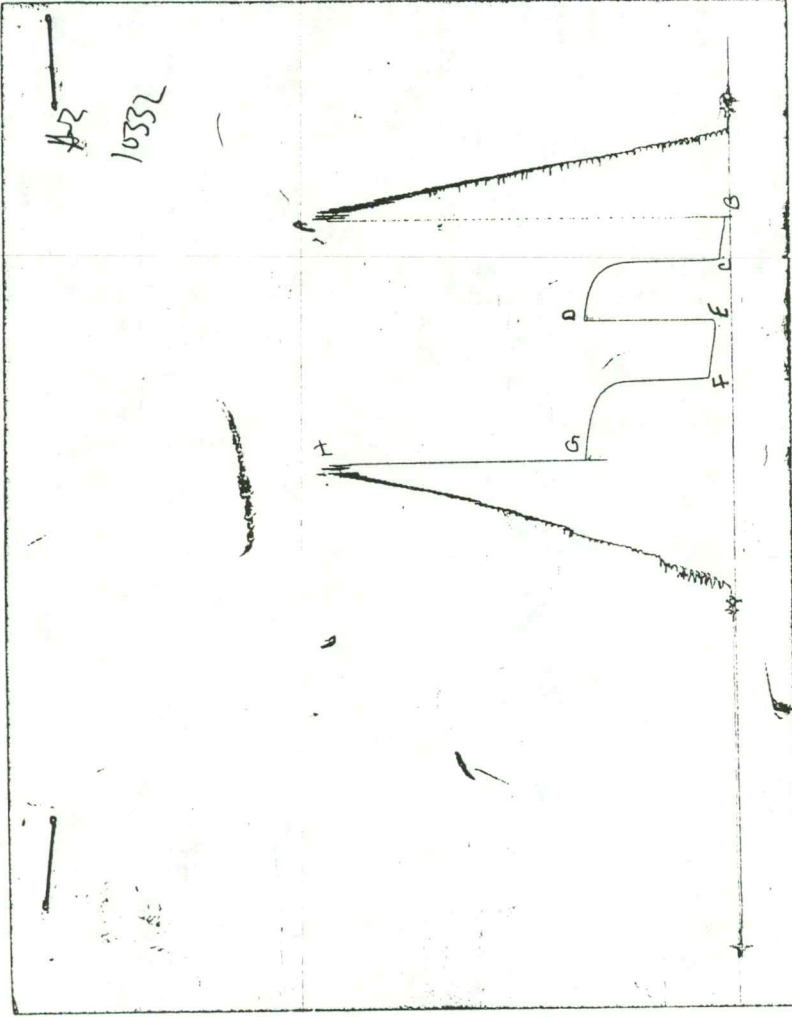
Initial Flow -
 .5" blow building to 7"
 Initial Shut-in
 No blow
 Final Flow -
 Very weak surface blow
 building to 3.5"
 Final Shut-in
 No blow

SAMPLES:
 SENT TO:

MUD DATA-----
 Mud Type Chemical
 Weight 0.00 lb/c
 Vis. 0.00 S/L
 W.L. 0.00 in3
 F.C. 0.00 in
 Mud Drop
 Amt. of fill 0.00 ft
 Btm. H. Temp. 109.00 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 Paul Simpson
 Co. Rep. Scott Oatsdean
 Contr. L.D.
 Rig # 1
 Unit #
 Pump T.

Test Successful: Y

CHART PAGE



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

TRILOBITE TESTING L.L.C.

OPERATOR : L.D. Drilling / Rheem DATE 12-10-96
 WELL NAME: Albin OTM KB 2725.00 ft TICKET NO: 9667 DST #3
 LOCATION : 20-16S-27W Lane Cty KS GR 2720.00 ft FORMATION: Fort Scott /Cherokee
 INTERVAL : 4470.00 To 4560.00 ft TD 4560.00 ft TEST TYPE: CONV

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	10332	10332	24174			PF Fr. 0923 to 0953 hr
SI 30	Range(Psi)	4025.0	4025.0	3050.0	0.0	0.0	IS Fr. 0953 to 1023 hr
SF 30	Clock(hrs)	12 hr	12 hr	12 hr			SF Fr. 1023 to 1053 hr
FS 30	Depth(ft)	4557.0	4557.0	4550.0	0.0	0.0	FS Fr. 1053 to 1123 hr

	Field	1	2	3	4	
A. Init Hydro	2368.0	2345.0	0.0	0.0	0.0	T STARTED 0812 hr
B. First Flow	61.0	62.0	0.0	0.0	0.0	T ON BOTM 0920 hr
B1. Final Flow	61.0	62.0	0.0	0.0	0.0	T OPEN 0823 hr
C. In Shut-in	202.0	195.0	0.0	0.0	0.0	T PULLED 1123 hr
D. Init Flow	81.0	74.0	0.0	0.0	0.0	T OUT 1235 hr
E. Final Flow	81.0	74.0	0.0	0.0	0.0	
F. Fl Shut-in	152.0	135.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2318.0	2308.0	0.0	0.0	0.0	Tool Wt. 2400.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 24000.00 lbs
						Wt Pulled Loose 47000.00 lbs
						Initial Str Wt 43000.00 lbs
						Unseated Str Wt 43000.00 lbs

RECOVERY

Tot Fluid	5.00 ft of	0.00 ft in DC and	5.00 ft in DP	Bot Choke	0.75 in
5.00	ft of Mud			Hole Size	7.88 in
0.00	ft of			D Col. ID	2.25 in
0.00	ft of			D. Pipe ID	3.80 in
0.00	ft of			D.C. Length	0.00 ft
0.00	ft of			D.P. Length	4454.00 ft
0.00	ft of				
0.00	ft of				

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

BLOW DESCRIPTION

Initial Flow -
 .75" blow decreasing to surface blow

Final Flow -
 No blow

SAMPLES:

SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	9.30 lb/c
Vis.	46.00 S/L
W.L.	8.00 in3
F.C.	0.00 in
Mud Drop	

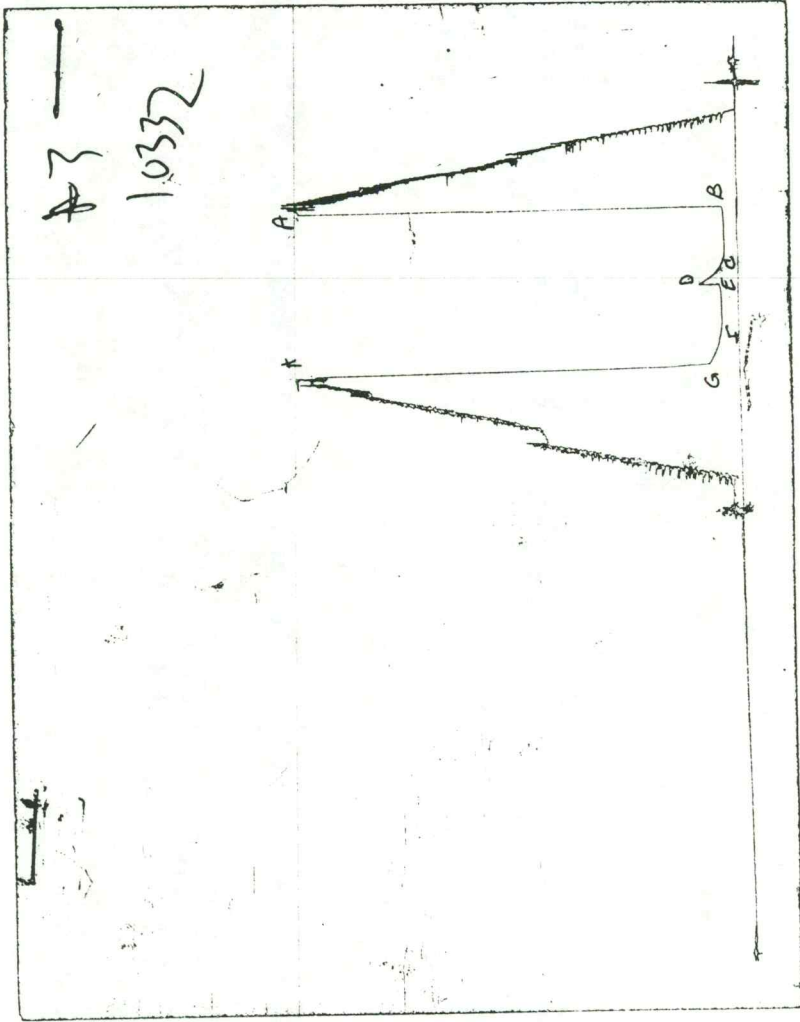
Amt. of fill	0.00 ft
Btm. H. Temp.	119.00 F

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 Paul Simpson
 Co. Rep. Scott Oatsdean
 Contr. L.D.
 Rig # 1
 Unit #
 Pump T.

Test Successful: Y

CHART PAGE



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