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ORIGINAL

15-185-23032

TRILOBITE TESTING L.L.C.

OPERATOR : Am. Discovery / Argent — DATE 09-07-96
WELL NAME: ADE #1 — KB 1910.00 ft — TICKET NO: 9453 — DST #1
LOCATION : 31-24S-12W, Stafford KS — GR 1902.00 ft — FORMATION: Lans.KC
INTERVAL : 3756.00 To 3815.00 ft — TD 3815.00 ft — TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins			Field	1	2	3	4
PF	30	Rec.	10248	10248	2342		
SI	45	Range(Psi)	4400.0	4400.0	4995.0	0.0	0.0
SF	45	Clock(hrs)	12	12	Alpin		
FS	60	Depth(ft)	3812.0	3812.0	3767.0	0.0	0.0

TIME DATA----------
PF Fr. 2038 to 2108 hr
IS Fr. 2108 to 2153 hr
SF Fr. 2153 to 2238 hr
FS Fr. 2238 to 2338 hr

	Field	1	2	3	4
A. Init Hydro	1876.0	1863.0	1842.0	0.0	0.0
B. First Flow	55.0	57.0	30.0	0.0	0.0
B1. Final Flow	71.0	69.0	53.0	0.0	0.0
C. In Shut-in	727.0	714.0	717.0	0.0	0.0
D. Init Flow	85.0	73.0	61.0	0.0	0.0
E. Final Flow	96.0	82.0	78.0	0.0	0.0
F. Fl Shut-in	749.0	716.0	731.0	0.0	0.0
G. Final Hydro	1778.0	1760.0	1798.0	0.0	0.0
Inside/Outside	O	O	I		

T STARTED 1858 hr
T ON BOTM 1835 hr
T OPEN 1838 hr
T PULLED 2338 hr
T OUT 0230 hr

RECOVERY
Tot Fluid 120.00 ft of 120.00 ft in DC and 0.00 ft in DP
120.00 ft of Gas in pipe
Clean oil at top of tool
60.00 ft of Drilling mud with oil specks
60.00 ft of Slightly oil cut mud - 1% oil, 99% mud

10.00 ft of Pay (est)

TOOL DATA----------

Tool Wt.	2100.00 lbs
Wt Set On Packer	20000.00 lbs
Wt Pulled Loose	78000.00 lbs
Initial Str Wt	68000.00 lbs
Unseated Str Wt	70000.00 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	545.00 ft
D.P. Length	3198.00 ft

SALINITY 4000.00 P.P.M. A.P.I. Gravity 0.00

MUD DATA----------

Mud Type	Chemical
Weight	8.90 lb/c
Vis.	55.00 S/L
W.L.	8.90 in3
F.C.	0.20 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	111.00 F
Hole Condition	Good
% Porosity	12.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00 N
Cushion Type	None
Reversed Out N	
Tool Chased N	
Tester	Gary Pevoteaux
Co. Rep.	Brad Rine
Contr.	Sterling
Rig #	4
Unit #	
Pump T.	

BLOW DESCRIPTION
Initial Flow -
Fair Blow. Slow increase to 12" in water

Final Flow -
Weak blow. Slow increase to 4" in water

SAMPLES: none
SENT TO:

Test Successful: Y

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2012 OCT -2 A 12:36

TRILOBITE TESTING L.L.C.

ORIGINAL

OPERATOR : Am. Discovery / Argent — DATE 09-08-96
WELL NAME: ADE #1 — KB 1910.00 ft — TICKET NO: 9454 — DST #2
LOCATION : 31-24S-12W, Stafford KS — GR 1902.00 ft — FORMATION: Marmaton
INTERVAL : 3858.00 To 3910.00 ft — TD 3910.00 ft — TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4
PF 30	Rec.	10248	10248	2342		
SI 45	Range(Psi)	4400.0	4400.0	4995.0	0.0	0.0
SF 15	Clock(hrs)	12	12	Alpin		
FS 30	Depth(ft)	3907.0	3907.0	3867.0	0.0	0.0

TIME DATA----------
PF Fr. 1505 to 1535 hr
IS Fr. 1535 to 1620 hr
SF Fr. 1620 to 1635 hr
FS Fr. 1635 to 1705 hr

	Field	1	2	3	4
A. Init Hydro	1876.0	1871.0	1911.0	0.0	0.0
B. First Flow	50.0	46.0	22.0	0.0	0.0
B1. Final Flow	50.0	50.0	27.0	0.0	0.0
C. In Shut-in	78.0	68.0	51.0	0.0	0.0
D. Init Flow	50.0	48.0	23.0	0.0	0.0
E. Final Flow	50.0	48.0	24.0	0.0	0.0
F. Fl Shut-in	60.0	55.0	31.0	0.0	0.0
G. Final Hydro	1821.0	1846.0	1834.0	0.0	0.0
Inside/Outside	O	O	I		

T STARTED 1326 hr
T ON BOTM 1502 hr
T OPEN 1505 hr
T PULLED 1705 hr
T OUT 1910 hr

RECOVERY
Tot Fluid 15.00 ft of 15.00 ft in DC and 0.00 ft in DP
15.00 ft of Drilling mud

5.00 ft of Pay (est)

SALINITY 7000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION
Initial Flow -
Weak blow, .25" - .5" in water

Final Flow -
Very weak blow, dead in 12 minutes

SAMPLES: none
SENT TO:

Test Successful: Y

TOOL DATA----------

Tool Wt.	2100.00 lbs
Wt Set On Packer	20000.00 lbs
Wt Pulled Loose	78000.00 lbs
Initial Str Wt	68000.00 lbs
Unseated Str Wt	68000.00 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	545.00 ft
D.P. Length	3320.00 ft

MUD DATA----------

Mud Type	Chemical
Weight	9.00 lb/c
Vis.	43.00 S/L
W.L.	8.80 in3
F.C.	0.20 in
Mud Drop N	
Amt. of fill	2.00 ft
Btm. H. Temp.	109.00 F
Hole Condition	Good
% Porosity	10.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00 N
Cushion Type	None
Reversed Out N	
Tool Chased N	
Tester	Gary Pevoteaux
Co. Rep.	Brad Rine
Contr.	Sterling
Rig #	4
Unit #	
Pump T.	

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TRILOBITE TESTING L.L.C.

ORIGINAL

OPERATOR : Am. Discovery / Argent
WELL NAME: ADE #1
LOCATION : 31-24S-12W, Stafford KS
INTERVAL : 4134.00 To 4153.00 ft

DATE 09-09-96
KB 1910.00 ft
GR 1902.00 ft
TD 4153.00 ft

TICKET NO: 9455 DST #3
FORMATION: Arbuckle
TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins			Field	1	2	3	4
PF	15	Rec.	10248	10248	2342		
SI	30	Range(Psi)	4400.0	4400.0	4995.0	0.0	0.0
SF	15	Clock(hrs)	12	12	Alpin		
FS	30	Depth(ft)	4150.0	4150.0	4139.0	0.0	0.0

TIME DATA----------
PF Fr. 1840 to 1855 hr
IS Fr. 1855 to 1925 hr
SF Fr. 1925 to 1940 hr
FS Fr. 1940 to 2010 hr

	Field	1	2	3	4
A. Init Hydro	2014.0	2089.0	2085.0	0.0	0.0
B. First Flow	57.0	39.0	19.0	0.0	0.0
B1. Final Flow	57.0	39.0	18.0	0.0	0.0
C. In Shut-in	57.0	39.0	14.0	0.0	0.0
D. Init Flow	57.0	39.0	13.0	0.0	0.0
E. Final Flow	57.0	39.0	11.0	0.0	0.0
F. Fl Shut-in	57.0	39.0	13.0	0.0	0.0
G. Final Hydro	1986.0	1960.0	1975.0	0.0	0.0
Inside/Outside	O	O	I		

T STARTED 1702 hr
T ON BOTM 1836 hr
T OPEN 1840 hr
T PULLED 2011 hr
T OUT 2215 hr

RECOVERY
Tot Fluid 1.00 ft of 1.00 ft in DC and 0.00 ft in DP
1.00 ft of Drilling mud

5.00 ft of Pay (est)

TOOL DATA----------

Tool Wt.	2100.00 lbs
Wt Set On Packer	20000.00 lbs
Wt Pulled Loose	80000.00 lbs
Initial Str Wt	68000.00 lbs
Unseated Str Wt	68000.00 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	545.00 ft
D.P. Length	3600.00 ft

SALINITY 7500.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION
Initial Flow -
Very weak blow, dead in 10 mins.

Final Flow -
No blow

MUD DATA----------

Mud Type	Chemical
Weight	9.00 lb/c
Vis.	50.00 S/L
W.L.	8.80 in3
F.C.	0.20 in
Mud Drop	N
Amt. of fill	0.00 ft
Btm. H. Temp.	114.00 F
Hole Condition	Good
% Porosity	10.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00 N
Cushion Type	None
Reversed Out	N
Tool Chased	N
Tester	Gary Pevoteaux
Co. Rep.	Brad Rine
Contr.	Sterling
Rig #	4
Unit #	
Pump T.	

SAMPLES: none
SENT TO:

Test Successful: Y

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1996 OCT -2 A 12:35

TRILOBITE TESTING L.L.C.

ORIGINAL

OPERATOR : Am. Discovery / Argent DATE 09-10-96
WELL NAME: ADE #1 KB 1910.00 ft TICKET NO: 9456 DST #4
LOCATION : 31-24S-12W, Stafford KS GR 1902.00 ft FORMATION: Stray Sand
INTERVAL : 3867.00 To 3944.00 ft TD 4225.00 ft TEST TYPE: CONV.STRADDLE

RECORDER DATA

Mins		Field	1	2	3	4
PF 30	Rec.	10248	10248	2350	13788	
SI 45	Range(Psi)	4400.0	4400.0	4995.0	4650.0	0.0
SF 60	Clock(hrs)	12	12	Alpin	12	
FS 75	Depth(ft)	3931.0	3931.0	3878.0	4222.0	0.0

TIME DATA----------
PF Fr. 2250 to 2320 hr
IS Fr. 2320 to 0005 hr
SF Fr. 0005 to 0105 hr
FS Fr. 0105 to 0220 hr

	Field	1	2	3	4
A. Init Hydro	2012.0	2043.0	2048.0	2247.0	0.0
B. First Flow	89.0	100.0	52.0	0.0	0.0
B1. Final Flow	116.0	130.0	116.0	0.0	0.0
C. In Shut-in	586.0	577.0	582.0	0.0	0.0
D. Init Flow	159.0	153.0	124.0	0.0	0.0
E. Final Flow	184.0	173.0	151.0	0.0	0.0
F. Fl Shut-in	955.0	951.0	957.0	0.0	0.0
G. Final Hydro	1903.0	1905.0	1896.0	2205.0	0.0
Inside/Outside	O	O	I	T	

T STARTED 2042 hr
T ON BOTM 2246 hr
T OPEN 2250 hr
T PULLED 0220 hr
T OUT 0540 hr

RECOVERY
Tot Fluid 250.00 ft of 250.00 ft in DC and 0.00 ft in DP
1590.00 ft of Gas in Pipe
70.00 ft of Gassy mud with oil specks - 15% gas, 85% mud
60.00 ft of Gassy oil cut mud - 25% gas, 10% oil, 65% mud
120.00 ft of Gassy oil cut mud - 25% gas, 30% oil, 45% mud

6.00 ft of Pay (est)

SALINITY 11000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION
Initial Flow -
Strong blow, bottom of bucket in 19min

Initial Shutin -
.25" - .5" in water

Final Flow -
Strong blow, bottom of bucket in 10 -
15 secs

Final Shutin -
.5" - 3" in water

SAMPLES: none
SENT TO:

Test Successful: Y

TOOL DATA----------

Tool Wt.	2100.00 lbs
Wt Set On Packer	20000.00 lbs
Wt Pulled Loose	100000.00 lbs
Initial Str Wt	70000.00 lbs
Unseated Str Wt	71000.00 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	545.00 ft
D.P. Length	3322.00 ft

MUD DATA----------

Mud Type	Chemical
Weight	9.00 lb/c
Vis.	53.00 S/L
W.L.	10.40 in3
F.C.	0.20 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	109.00 F
Hole Condition	Good
% Porosity	10.00
Packer Size	6.75 in
No. of Packers	3
Cushion Amt.	0.00 N
Cushion Type	None
Reversed Out N	
Tool Chased N	
Tester	Gary Pevoteaux
Co. Rep.	Brad Rine
Contr.	Sterling
Rig #	4
Unit #	
Pump T.	

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