

15-051-25035

TRILOBITE TESTING L.L.C.

27-11s-19w

OPERATOR : Mai Oil Operations

DATE 6-14-00

WELL NAME: Vine "C" #1

KB 2110.00 ft

TICKET NO: 13780

DST #1

LOCATION : 27-11s-19w Ellis co KS

GR 2105.00 ft

FORMATION: Toronto

INTERVAL : 3292.00 To 3330.00 ft

TD 3330.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 45 Rec.	11085	11085				PF Fr. 1428 to 1513 hr
SI 45 Range(Psi)	4300.0	4300.0	0.0	0.0	0.0	IS Fr. 1513 to 1558 hr
SF 45 Clock(hrs)	12	12				SF Fr. 1558 to 1643 hr
FS 45 Depth(ft)	3294.0	3294.0	0.0	0.0	0.0	FS Fr. 1643 to 1728 hr

	Field	1	2	3	4	
A. Init Hydro	1603.0	1635.0	0.0	0.0	0.0	T STARTED 1300 hr
B. First Flow	55.0	54.0	0.0	0.0	0.0	T ON BOTM 1423 hr
B1. Final Flow	66.0	61.0	0.0	0.0	0.0	T OPEN 1428 hr
C. In Shut-in	800.0	806.0	0.0	0.0	0.0	T PULLED 1728 hr
D. Init Flow	77.0	78.0	0.0	0.0	0.0	T OUT 1915 hr
E. Final Flow	88.0	83.0	0.0	0.0	0.0	
F. Fl Shut-in	691.0	703.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1571.0	1592.0	0.0	0.0	0.0	Tool Wt. 2200.00 lbs
Inside/Outside	0	0				Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 40000.00 lbs
						Initial Str Wt 32000.00 lbs
						Unseated Str Wt 32000.00 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 0.00 ft
						D.P. Length 3272.00 ft

RECOVERY

Tot Fluid 105.00 ft of 0.00 ft in DC and 105.00 ft in DP
 105.00 ft of Muddy water
 0.00 ft of 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
 0.00 ft of

SALINITY 120000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:

Weak blow throughout 1/2" to 1 1/2"
 blow.

Final Flow:

Weak blow throughout 1/2" blow.

SAMPLES:

SENT TO:

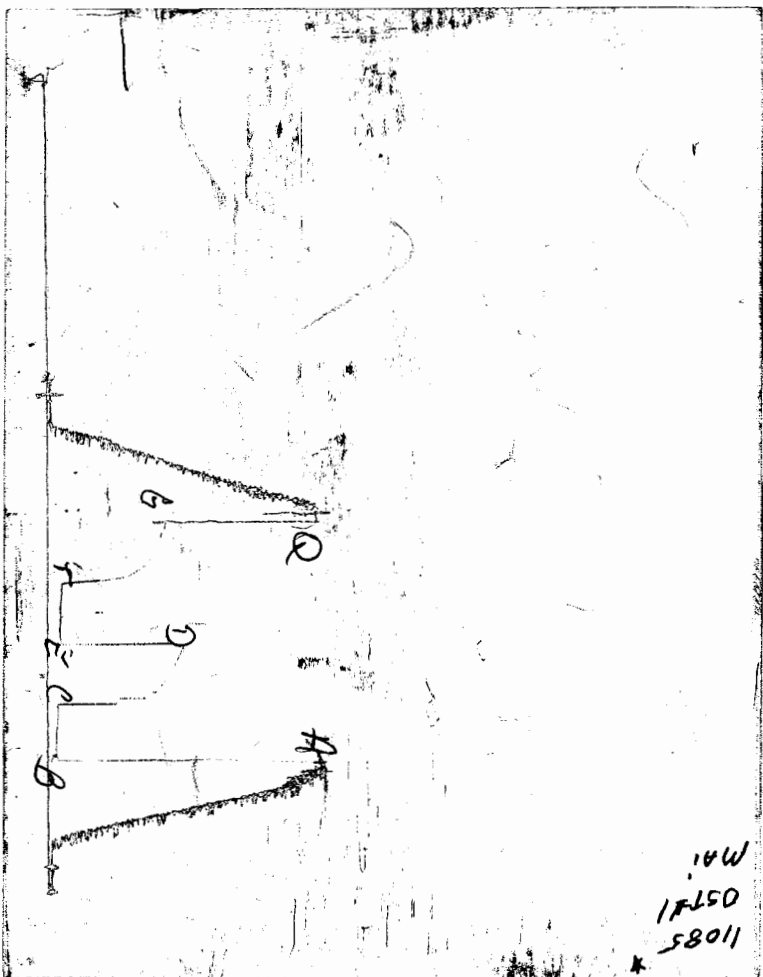
MUD DATA-----

Mud Type	Chemical
Weight	9.20 lb/cf
Vis.	47.00 S/L
W.L.	10.40 in3
F.C.	0.00 in
Mud Drop	

Amt. of fill	0.00 ft
Btm. H. Temp.	1060.00 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	Ray Schwager
Co. Rep.	Dave Schumacher
Contr.	Vonfeldt
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.

P.O. Box 362 • Hays, Kansas 67601

Nº 13780

Test Ticket

Well Name & No.	<u>Uine "C" #1</u>	Test No.	<u>1</u>	Date	<u>6-14-00</u>
Company	<u>MAI OIL OPERATIONS</u>	Zone Tested	<u>Toronto</u>		
Address	<u>P.O. Box 33 Russell, Ks 67665</u>	Elevation	<u>2110</u>	KB	<u>2105</u> GL
Co. Rep / Geo.	<u>DAVE</u>	Cont.	<u>Wanfeldt rig 1</u>	Est. Ft. of Pay	<u>—</u> Por. <u>—</u> %
Location: Sec.	<u>27</u>	Twp.	<u>11^s</u>	Rge.	<u>19^w</u>
				Co.	<u>ELLIS</u> State <u>Ks</u>
No. of Copies	<u>Req</u>	Distribution Sheet (Y, N)	<u>—</u>	Turnkey (Y, N)	<u>—</u>
		Evaluation (Y, N)	<u>—</u>		

Interval Tested	<u>3292 - 3330</u>	Initial Str Wt/Lbs.	<u>32000</u>	Unseated Str Wt/Lbs.	<u>32000</u>
Anchor Length	<u>38</u>	Wt. Set Lbs.	<u>20000</u>	Wt. Pulled Loose/Lbs.	<u>40000</u>
Top Packer Depth	<u>3287</u>	Tool Weight	<u>2200</u>		
Bottom Packer Depth	<u>3292</u>	Hole Size — 7 7/8"	<u>yes</u>	Rubber Size — 6 3/4"	<u>yes</u>
Total Depth	<u>3330</u>	Wt. Pipe Run	<u>—</u>	Drill Collar Run	<u>—</u>
Mud Wt.	<u>9.2</u> LCM <u>—</u> Vis. <u>47</u> WL <u>10.4</u>	Drill Pipe Size	<u>4 1/2 X H</u>	Ft. Run	<u>3272</u>
Blow Description	<u>IFP - WEAK Blow Throughout 1/2" To 1 1/2" Blow</u>				
	<u>FFP - WEAK Blow Throughout 1/2" Blow</u>				

Recovery — Total Feet	<u>105</u>	GIP	<u>—</u>	Ft. in DC	<u>—</u>	Ft. in DP	<u>105</u>
Rec.	<u>105</u>	Feet Of	<u>MW</u>	%gas	<u>—</u>	%oil	<u>80</u>
				%water	<u>20</u>	%mud	<u>—</u>
Rec.		Feet Of		%gas		%oil	
				%water		%mud	
Rec.		Feet Of		%gas		%oil	
				%water		%mud	
Rec.		Feet Of		%gas		%oil	
				%water		%mud	
BHT	<u>106</u>	°F Gravity	<u>—</u>	°API D@	<u>—</u>	°F Corrected Gravity	<u>—</u>
				°API			
RW	<u>.06</u>	@	<u>83</u>	°F Chlorides	<u>120000</u>	ppm Recovery	<u>5000</u>
				Chlorides		ppm System	

	AK-1	Alpine			
(A) Initial Hydrostatic Mud	<u>1603</u>	PSI Recorder No.	<u>11085</u>	T-On Location	<u>1230</u>
(B) First Initial Flow Pressure	<u>55</u>	PSI (depth)	<u>3294</u>	T-Started	<u>1300</u>
(C) First Final Flow Pressure	<u>66</u>	PSI Recorder No.	<u>13547</u>	T-Open	<u>1428</u>
(D) Initial Shut-In Pressure	<u>800</u>	PSI (depth)	<u>3297</u>	T-Pulled	<u>1728</u>
(E) Second Initial Flow Pressure	<u>77</u>	PSI Recorder No.	<u>—</u>	T-Out	<u>1915</u>
(F) Second Final Flow Pressure	<u>88</u>	PSI (depth)	<u>—</u>	T-Off Location	<u>—</u>
(G) Final Shut-in Pressure	<u>691</u>	PSI Initial Opening	<u>45</u>	Test	<u>✓ 600</u>
(Q) Final Hydrostatic Mud	<u>1571</u>	PSI Initial Shut-in	<u>45</u>	Jars	<u>—</u>
		Final Flow	<u>45</u>	Safety Joint	<u>—</u>
		Final Shut-in	<u>45</u>	Straddle	<u>—</u>

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By [Signature]

Our Representative RAY SCHWAGER THANK YOU

Circ. Sub —
Sampler —
Extra Packer —
Elec. Rec. —
Mileage —
Other —
TOTAL PRICE \$ 600

TRILOBITE TESTING L.L.C.

OPERATOR : Mai Oil Operations Inc.
WELL NAME: Vine "C" #1
LOCATION : 27-11s-19w Ellis co KS
INTERVAL : 3591.00 To 3621.00 ft

DATE 6-15-00
KB 2110.00 ft TICKET NO: 13781 DST #2
GR 2105.00 ft FORMATION: Arbuckle
TD 3621.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	11085	11085				PF Fr. 2100 to 2130 hr
SI 30 Range(Psi)	4300.0	4300.0	0.0	0.0	0.0	IS Fr. 2130 to 2200 hr
SF 30 Clock(hrs)	12	12				SF Fr. 2200 to 2230 hr
FS 30 Depth(ft)	3595.0	3595.0	0.0	0.0	0.0	FS Fr. 2230 to 2300 hr

	Field	1	2	3	4	
A. Init Hydro	1777.0	1846.0	0.0	0.0	0.0	T STARTED 1920 hr
B. First Flow	77.0	76.0	0.0	0.0	0.0	T ON BOTM 1955 hr
B1. Final Flow	198.0	212.0	0.0	0.0	0.0	T OPEN 2100 hr
C. In Shut-in	1147.0	1143.0	0.0	0.0	0.0	T PULLED 2300 hr
D. Init Flow	242.0	248.0	0.0	0.0	0.0	T OUT 0200 hr
E. Final Flow	352.0	359.0	0.0	0.0	0.0	
F. Fl Shut-in	1147.0	1143.0	0.0	0.0	0.0	
G. Final Hydro	1766.0	1802.0	0.0	0.0	0.0	
Inside/Outside	I	I				

RECOVERY

Tot Fluid 810.00 ft of 0.00 ft in DC and 810.00 ft in DP
120.00 ft of Gas in pipe.
630.00 ft of Clean oil
0.00 ft of 100% oil
120.00 ft of Slightly muddy gassy oil
0.00 ft of 6% gas 90% oil 4% mud
60.00 ft of Muddy gassy oil
0.00 ft of 5% gas 55% oil 40% mud
0.00 ft of
SALINITY 0.00 P.P.M. A.P.I. Gravity 26.00

TOOL DATA-----
Tool Wt. 2200.00 lbs
Wt Set On Packer 20000.00 lbs
Wt Pulled Loose 40000.00 lbs
Initial Str Wt 32000.00 lbs
Unseated Str Wt 35000.00 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 0.00 ft
D.P. Length 3569.00 ft

BLOW DESCRIPTION

Initial Flow:
Weak to a strong blow in 7 minutes.
Final Flow:
Weak to a strong blow in 9 minutes.

MUD DATA-----
Mud Type Chemical
Weight 9.50 lb/c
Vis. 45.00 S/L
W.L. 8.80 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 Ray Schwager
Co. Rep. Dave Shoemaker
Contr. Vonfeldt
Rig # 1
Unit #
Pump T.

SAMPLES:
SENT TO:

Test Successful: Y

CALCULATED RECOVERY ANALYSIS

DST 2

TICKET 13781

SAMPLE #		TOTAL		GAS		OIL		WATER		MUD	
		FEET	%	FEET	%	FEET	%	FEET	%	FEET	%
DRILL	1	120	100	120	0	0	0	0	0	0	0
PIPE	2	630	0	0	100	630	0	0	0	0	0
	3	120	6	7.2	90	108	0	0	4	4.8	
	4	60	5	3	55	33	0	0	40	24	
	5	0	0	0	0	0	0	0	0	0	
	6	0	0	0	0	0	0	0	0	0	
WEIGHT	1	0	0	0	0	0	0	0	0	0	0
PIPE	2	0	0	0	0	0	0	0	0	0	0
	3	0	0	0	0	0	0	0	0	0	0
	4	0	0	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0	0	0
DRILL	1	0	0	0	0	0	0	0	0	0	0
COLLARS	2	0	0	0	0	0	0	0	0	0	0
	3	0	0	0	0	0	0	0	0	0	0
	4	0	0	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0	0	0
TOTAL		930	0	130.2	0	771	0	0	0	28.8	

BBL OIL=	10.96362	*	HRS OPEN	1	=	BBL/DAY	263.12688
BBL WATER=	0	*			=		0
BBL MUD=	0.409536						
BBL GAS =	1.851444						

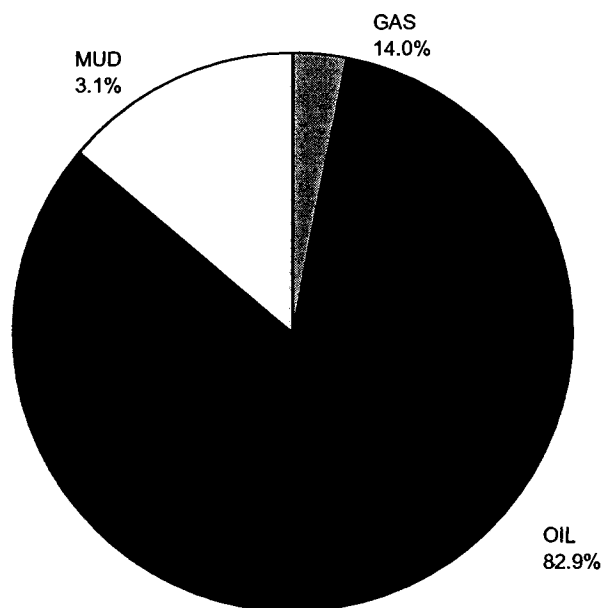
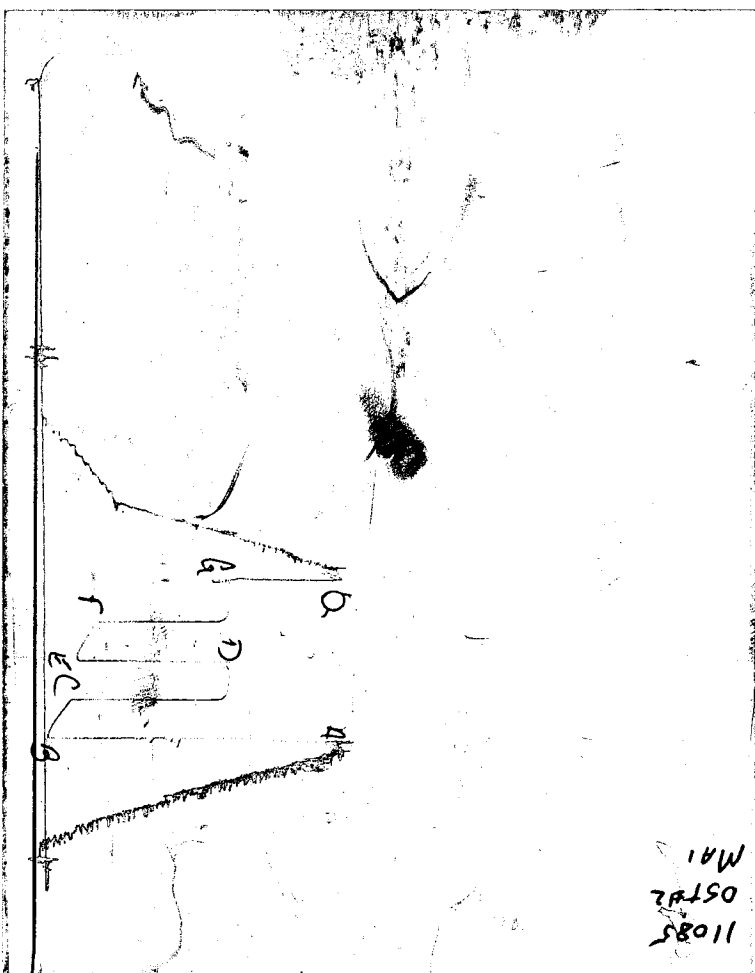


CHART PAGE



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

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Nº 13781

Test Ticket

Well Name & No. <u>DINE C" #1</u>	Test No. <u>2</u>	Date <u>6-15-00</u>
Company <u>MAI OIL OPERATIONS, INC.</u>	Zone Tested <u>ARBUCKLE</u>	
Address <u>P.O. Box 33 Russell, KS 67665</u>	Elevation <u>2110</u>	KB <u>2105</u> GL
Co. Rep / Geo. <u>Dave Shoemaker</u>	Cont. <u>Unfeldt rig 1</u>	Est. Ft. of Pay <u>-</u> Por. <u>-</u> %
Location: Sec. <u>27</u> Twp. <u>11</u> Rge. <u>19</u>	Co. <u>ELLIS</u>	State <u>Ks</u>
No. of Copies <u>Reg</u>	Distribution Sheet (Y, N) <u>-</u>	Turnkey (Y, N) <u>-</u> Evaluation (Y, N) <u>-</u>

Interval Tested <u>3591 - 3621</u>	Initial Str Wt./Lbs. <u>32000</u>	Unseated Str Wt./Lbs. <u>35000</u>
Anchor Length <u>30</u>	Wt. Set Lbs. <u>20000</u>	Wt. Pulled Loose/Lbs. <u>40000</u>
Top Packer Depth <u>3586</u>	Tool Weight <u>2200</u>	
Bottom Packer Depth <u>3591</u>	Hole Size — 7 7/8" <u>yes</u>	Rubber Size — 6 3/4" <u>yes</u>
Total Depth <u>3621</u>	Wt. Pipe Run <u>-</u>	Drill Collar Run <u>-</u>
Mud Wt. <u>9.5</u> LCM <u>-</u> Vis. <u>45</u> WL <u>8.8</u>	Drill Pipe Size <u>4 1/2 XH</u>	Ft. Run <u>3589</u>
Blow Description <u>IFP - WEAK TO A STRONG BLOW IN 7 min</u>		
<u>FFP - WEAK TO A STRONG BLOW IN 9 min</u>		

Recovery — Total Feet <u>810</u>	GIP <u>120</u>	Ft. in DC <u>-</u>	Ft. in DP <u>810</u>
Rec. <u>630</u> Feet Of <u>CLEAN OIL</u>	%gas <u>-</u> %oil <u>-</u> %water <u>-</u> %mud <u>-</u>		
Rec. <u>120</u> Feet Of <u>SMGO</u>	%gas <u>6</u> %oil <u>90</u> %water <u>4</u> %mud <u>-</u>		
Rec. <u>60</u> Feet Of <u>MGO</u>	%gas <u>5</u> %oil <u>55</u> %water <u>40</u> %mud <u>-</u>		
Rec. <u>-</u> Feet Of <u>-</u>	%gas <u>-</u> %oil <u>-</u> %water <u>-</u> %mud <u>-</u>		
Rec. <u>-</u> Feet Of <u>-</u>	%gas <u>-</u> %oil <u>-</u> %water <u>-</u> %mud <u>-</u>		
BHT <u>106</u> °F Gravity <u>26</u>	°API D@ <u>60</u>	°F Corrected Gravity <u>26</u>	°API <u>-</u>
RW <u>-</u> @ <u>-</u> °F Chlorides <u>-</u>	ppm Recovery <u>-</u>	Chlorides <u>8000</u>	ppm System <u>-</u>

(A) Initial Hydrostatic Mud <u>1777</u>	AK-1	Alpine	PSI Recorder No. <u>11085</u>	T-On Location <u>1900</u>
(B) First Initial Flow Pressure <u>77</u>			PSI (depth) <u>3595</u>	T-Started <u>1920</u>
(C) First Final Flow Pressure <u>198</u>			PSI Recorder No. <u>13547</u>	T-Open <u>2100</u>
(D) Initial Shut-In Pressure <u>1147</u>			PSI (depth) <u>3598</u>	T-Pulled <u>2300</u>
(E) Second Initial Flow Pressure <u>242</u>			PSI Recorder No. <u>-</u>	T-Out <u>0200</u>
(F) Second Final Flow Pressure <u>352</u>			PSI (depth) <u>-</u>	T-Off Location <u>0220</u>
(G) Final Shut-in Pressure <u>1147</u>			PSI Initial Opening <u>30</u>	Test <u>600</u>
(Q) Final Hydrostatic Mud <u>1766</u>			PSI Initial Shut-in <u>30</u>	Jars <u>-</u>
			Final Flow <u>30</u>	Safety Joint <u>-</u>
			Final Shut-in <u>30</u>	Straddle <u>-</u>

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Approved By [Signature]
Our Representative RAY SCHWARTZ Thank you

Circ. Sub -
Sampler -
Extra Packer -
Elec. Rec. -
Mileage -
Other -
TOTAL PRICE \$ 600

TRILOBITE TESTING L.L.C.

OPERATOR : Mai Oil Operation, Inc.
WELL NAME: Vine "C" #1
LOCATION : 27-11s-19W Ellis co KS
INTERVAL : 3623.00 To 3645.00 ft

DATE 6-16-00
KB 2110.00 ft TICKET NO: 13782 DST #3
GR 2105.00 ft FORMATION: Arbuckle
TD 3645.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	11085	11085				PF Fr. 1010 to 1040 hr
SI 30 Range(Psi)	4300.0	4300.0	0.0	0.0	0.0	IS Fr. 1040 to 1110 hr
SF 30 Clock(hrs)	12 hr	12 hr				SF Fr. 1110 to 1140 hr
FS 30 Depth(ft)	3636.0	3636.0	0.0	0.0	0.0	FS Fr. 1140 to 1210 hr

	Field	1	2	3	4	
A. Init Hydro	1831.0	1886.0	0.0	0.0	0.0	T STARTED 0845 hr
B. First Flow	99.0	113.0	0.0	0.0	0.0	T ON BOTM 1005 hr
B1. Final Flow	473.0	474.0	0.0	0.0	0.0	T OPEN 1010 hr
C. In Shut-in	1169.0	1154.0	0.0	0.0	0.0	T PULLED 1210 hr
D. Init Flow	517.0	513.0	0.0	0.0	0.0	T OUT 1430 hr
E. Final Flow	702.0	707.0	0.0	0.0	0.0	
F. Fl Shut-in	1169.0	1154.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1831.0	1886.0	0.0	0.0	0.0	Tool Wt. 1800.00 lbs
Inside/Outside	0	0				Wt Set On Packer 2000.00 lbs
						Wt Pulled Loose 65000.00 lbs
						Initial Str Wt 33000.00 lbs
						Unseated Str Wt 39000.00 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 0.00 ft
						D.P. Length 3608.00 ft

RECOVERY

Tot Fluid 1550.00 ft of 0.00 ft in DC and 1550.00 ft in DP
105.00 ft of Oil cut muddy water
0.00 ft of 10% oil 50% water 40% mud
120.00 ft of Oil cut muddy water
0.00 ft of 5% oil 92% water 3% mud
1325.00 ft of Slightly oil cut water
0.00 ft of 3% oil 97% water
0.00 ft of
0.00 ft of

SALINITY 28000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:
Strong blow in 3 minutes.
Final Flow:
Strong blow in 8 minutes.
Final Shut-In:
No blow.

SAMPLES:
SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	9.60 lb/c
Vis.	42.00 S/L
W.L.	8.80 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	1110.00 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	Ray Schwager
Co. Rep.	Dave Shoemaker
Contr.	Vonfeldt
Rig #	1
Unit #	
Pump T.	

Test Successful: Y

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Nº 13782

Test Ticket

Well Name & No.	<u>Vine "C" #1</u>	Test No.	<u>3</u>	Date	<u>6-16-00</u>
Company	<u>MAI OIL OPERATION, INC</u>	Zone Tested	<u>Arbuckle</u>		
Address	<u>P.O. Box 33 Russell, KS 67665</u>	Elevation	<u>2110</u>	KB	<u>2105</u> GL
Co. Rep / Geo.	<u>DAVE Sherman</u>	Cont.	<u>Donfeldt 1191</u>	Est. Ft. of Pay	<u>-</u> Por. <u>-</u> %
Location: Sec.	<u>27</u>	Twp.	<u>11^S</u>	Rge.	<u>19^W</u>
				Co.	<u>ELLIS</u> State <u>KS</u>
No. of Copies	<u>Reg</u>	Distribution Sheet (Y, N)		Turnkey (Y, N)	
				Evaluation (Y, N)	

Interval Tested	<u>3623-3645</u>	Initial Str Wt./Lbs.	<u>33000</u>	Unseated Str Wt./Lbs.	<u>39000</u>
Anchor Length	<u>22</u>	Wt. Set Lbs.	<u>2000</u>	Wt. Pulled Loose/Lbs.	<u>65000</u>
Top Packer Depth	<u>3623</u>	Tool Weight	<u>1800</u>		
Bottom Packer Depth	<u>3645</u>	Hole Size — 7 7/8"	<u>yes</u>	Rubber Size — 6 3/4"	<u>yes</u>
Total Depth	<u>3645</u>	Wt. Pipe Run	<u>-</u>	Drill Collar Run	<u>-</u>
Mud Wt.	<u>9.6</u> LCM	Vis.	<u>42</u>	WL	<u>8.8</u>
Drill Pipe Size	<u>4 1/2 X 11</u>	Ft. Run	<u>3608</u>		
Blow Description	<u>IFP - STRONG Blow in 3 min</u>				
	<u>FFP - STRONG Blow in 8 min</u>				
	<u>NO Blow on shut-in</u>				

Recovery — Total Feet	<u>1550</u>	GIP	<u>-</u>	Ft. in DC	<u>-</u>	Ft. in DP	<u>1550</u>
Rec.	<u>105</u>	Feet Of	<u>OC MW</u>	%gas	<u>10</u>	%oil	<u>50</u>
				%water	<u>40</u>	%mud	
Rec.	<u>120</u>	Feet Of	<u>OC MW</u>	%gas	<u>5</u>	%oil	<u>92</u>
				%water	<u>3</u>	%mud	
Rec.	<u>1325</u>	Feet Of	<u>50 CW</u>	%gas	<u>2-3</u>	%oil	<u>97</u>
				%water	<u>0</u>	%mud	
Rec.		Feet Of		%gas		%oil	
				%water		%mud	
Rec.		Feet Of		%gas		%oil	
				%water		%mud	
BHT	<u>111°</u>	°F Gravity	<u>-</u>	°API D@	<u>-</u>	°F Corrected Gravity	<u>-</u>
°API							
RW	<u>29</u>	@	<u>670</u>	°F		Chlorides	<u>42000</u>
						ppm Recovery	<u>28000</u>
						Chlorides	<u>6500</u>
						ppm System	

(A) Initial Hydrostatic Mud	<u>1831</u>	AK-1	Alpine	PSI Recorder No.	<u>11085</u>	T-On Location	<u>0815</u>
(B) First Initial Flow Pressure	<u>99</u>			PSI (depth)	<u>3636</u>	T-Started	<u>0845</u>
(C) First Final Flow Pressure	<u>473</u>			PSI Recorder No.	<u>13542</u>	T-Open	<u>1010</u>
(D) Initial Shut-In Pressure	<u>1169</u>			PSI (depth)	<u>3639</u>	T-Pulled	<u>1210</u>
(E) Second Initial Flow Pressure	<u>517</u>			PSI Recorder No.	<u>-</u>	T-Out	<u>1430</u>
(F) Second Final Flow Pressure	<u>702</u>			PSI (depth)	<u>-</u>	T-Off Location	<u>1500</u>
(G) Final Shut-in Pressure	<u>1169</u>			PSI Initial Opening	<u>30</u>	Test	<u>600</u>
(Q) Final Hydrostatic Mud	<u>1831</u>			PSI Initial Shut-in	<u>30</u>	Jars	
				Final Flow	<u>30</u>	Safety Joint	
				Final Shut-in	<u>30</u>	Straddle	

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Approved By Alan Baur

Our Representative Ray Schuenger Thank you

Circ. Sub 35

Sampler

Extra Packer

Elec. Rec.

Mileage

Other

TOTAL PRICE \$ 635