

15-065-22801

RECEIVED
OCT 22 2003
KCC WICHITA

WELL NAME

DeYoung #1

COMPANY

Great Eastern Energy

LOCATION

33-9s-21w

Graham co Kansas

DATE

1/04/01

TRILOBITE TESTING L.L.C.

OPERATOR : Great Eastern Energy&Dev

DATE 12-30-00

WELL NAME: Deyoung #1

KB 2301.00 ft

TICKET NO: 14132

DST #1

LOCATION : 33-9s-21w Graham co KS

GR 2296.00 ft

FORMATION: Topeka

INTERVAL : 3295.00 To 3315.00 ft

TD 3315.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 0 Rec.	11085					PF Fr. 1915 to hr
SI 0 Range(Psi)	4300.0	0.0	0.0	0.0	0.0	IS Fr. to hr
SF 0 Clock(hrs)	12					SF Fr. to hr
FS 0 Depth(ft)	3308.0	0.0	0.0	0.0	0.0	FS Fr. to 2400 hr

	Field	1	2	3	4	
A. Init Hydro	0.0	0.0	0.0	0.0	0.0	T STARTED 1915 hr
B. First Flow	0.0	0.0	0.0	0.0	0.0	T ON BOTM hr
B1. Final Flow	0.0	0.0	0.0	0.0	0.0	T OPEN hr
C. In Shut-in	0.0	0.0	0.0	0.0	0.0	T PULLED hr
D. Init Flow	0.0	0.0	0.0	0.0	0.0	T OUT 2400 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	TOOL DATA-----
G. Final Hydro	0.0	0.0	0.0	0.0	0.0	Tool Wt. 2200.00 lbs
Inside/Outside						Wt Set On Packer 20000.00 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 7.75 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 0.00 ft
						D.P. Length 3300.00 ft

RECOVERY

Tot Fluid 3150.00 ft of 0.00 ft in DC and 3150.00 ft in DP
 3150.00 ft of 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 0.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Misrun had hole in drill pipe.

MUD DATA-----
 Mud Type Chemical
 Weight 9.40 lb/cf
 Vis. 49.00 S/L
 W.L. 8.00 in3
 F.C. 0.00 in
 Mud Drop

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

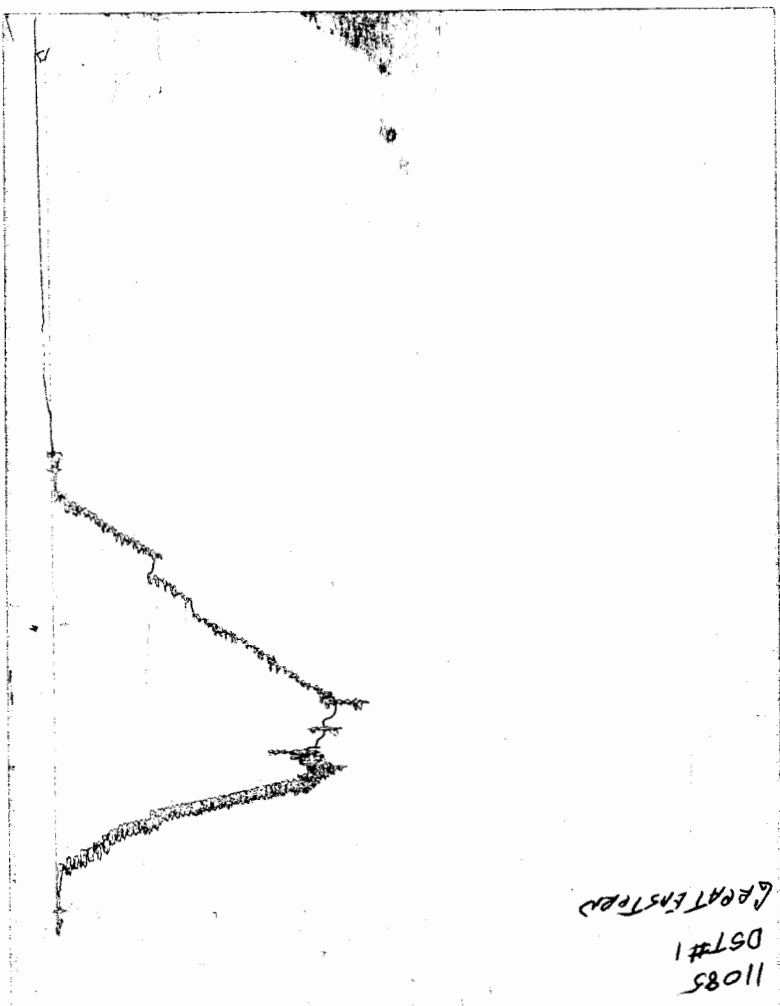
SAMPLES:

SENT TO:

Tester Ray Schwager
 Co. Rep. Mike Davignon
 Contr. Vonfeldt
 Rig # 1
 Unit #
 Pump T.

Test Successful: N

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 14132

Test Ticket

Well Name & No.	<u>DeYoung #1</u>	Test No.	<u>1</u>	Date	<u>12-30-2000</u>
Company	<u>GREAT EASTERN Energy & Dev't</u>	Zone Tested	<u>Topeka</u>		
Address	<u>P.O. Box 2436 Midland, Texas 79702</u>	Elevation	<u>2301</u>	KB	<u>2296</u> GL
Co. Rep / Geo.	<u>Mike Davidson</u>	Cont.	<u>Vanfeldt rig 1</u>	Est. Ft. of Pay	<u> </u> Por. <u> </u> %
Location: Sec.	<u>33</u>	Twp.	<u>9^s</u>	Rge.	<u>21^w</u> Co. <u>GRAHAM</u> State <u>Ks</u>
No. of Copies	<u>Reg</u>	Distribution Sheet (Y, N)	<u> </u>	Turnkey (Y, N)	<u>yes</u> Evaluation (Y, N) <u> </u>

Interval Tested	<u>3295 - 3315</u>	Initial Str Wt./Lbs.	<u> </u>	Unseated Str Wt./Lbs.	<u> </u>
Anchor Length	<u>20</u>	Wt. Set Lbs.	<u>20000</u>	Wt. Pulled Loose/Lbs.	<u> </u>
Top Packer Depth	<u>3290</u>	Tool Weight	<u>2200</u>		
Bottom Packer Depth	<u>3295</u>	Hole Size — 7 7/8"	<u>yes</u>	Rubber Size — 6 3/4"	<u>yes</u>
Total Depth	<u>3315</u>	Wt. Pipe Run	<u> </u>	Drill Collar Run	<u> </u>
Mud Wt.	<u>9.4</u> LCM <u>Tr</u> Vis. <u>49</u> WL <u>8</u>	Drill Pipe Size	<u>4 1/2 X H</u>	Ft. Run	<u>3300</u>
Blow Description	<u>IFP-</u> <u>FFP-</u>				

Misrun had hole in drill pipe

Recovery — Total Feet	<u>3150</u>	GIP	<u> </u>	Ft. in DC	<u> </u>	Ft. in DP	<u>3150</u>
Rec.	<u>3150</u>	Feet Of	<u>Mud</u>	%gas	%oil	%water	%mud
Rec.	<u> </u>	Feet Of	<u> </u>	%gas	%oil	%water	%mud
Rec.	<u> </u>	Feet Of	<u> </u>	%gas	%oil	%water	%mud
Rec.	<u> </u>	Feet Of	<u> </u>	%gas	%oil	%water	%mud
Rec.	<u> </u>	Feet Of	<u> </u>	%gas	%oil	%water	%mud
BHT	<u> </u>	°F Gravity	<u> </u>	*API D@	<u> </u>	°F Corrected Gravity	<u> </u>
RW	<u> </u>	@	<u> </u>	°F Chlorides	<u> </u>	ppm Recovery	<u>2000</u>
				ppm System			

(A) Initial Hydrostatic Mud	AK-1	Alpine	PSI Recorder No.	<u>11085</u>	T-On Location	<u>1830</u>
(B) First Initial Flow Pressure			PSI (depth)	<u>3308</u>	T-Started	<u>1915</u>
(C) First Final Flow Pressure			PSI Recorder No.	<u>13547</u>	T-Open	<u> </u>
(D) Initial Shut-In Pressure			PSI (depth)	<u>3312</u>	T-Pulled	<u> </u>
(E) Second Initial Flow Pressure			PSI Recorder No.	<u> </u>	T-Out	<u>0000</u>
(F) Second Final Flow Pressure			PSI (depth)	<u> </u>	T-Off Location	<u> </u>
(G) Final Shut-in Pressure			PSI Initial Opening	<u> </u>	Test	<u> </u>
(Q) Final Hydrostatic Mud			PSI Initial Shut-in	<u> </u>	Jars	<u> </u>
			Final Flow	<u> </u>	Safety Joint	<u> </u>
			Final Shut-in	<u> </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

Our Representative Ray Schwager Thankyou

Elec. Rec.
Mileage ✓ 45
Other
TOTAL PRICE \$

TRILOBITE TESTING L.L.C.

OPERATOR : Great Eastern Energy&Dev

DATE 12-31-00

WELL NAME: Deyoung #1

KB 2301.00 ft

TICKET NO: 14133

DST #2

LOCATION : 33-9s-21w Graham co KS

GR 2296.00 ft

FORMATION: Topeka

INTERVAL : 3295.00 To 3315.00 ft

TD 3315.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	11085					PF Fr. 0155 to 0225 hr
SI 30 Range(Psi)	4300.0	0.0	0.0	0.0	0.0	IS Fr. 0225 to 0255 hr
SF 30 Clock(hrs)	12					SF Fr. 0255 to 0325 hr
FS 30 Depth(ft)	3308.0	0.0	0.0	0.0	0.0	FS Fr. 0325 to 0355 hr

	Field	1	2	3	4	
A. Init Hydro	0.0	0.0	0.0	0.0	0.0	T STARTED 0015 hr
B. First Flow	0.0	0.0	0.0	0.0	0.0	T ON BOTM 0150 hr
B1. Final Flow	0.0	0.0	0.0	0.0	0.0	T OPEN 0155 hr
C. In Shut-in	0.0	0.0	0.0	0.0	0.0	T PULLED 0355 hr
D. Init Flow	0.0	0.0	0.0	0.0	0.0	T OUT 0550 hr
E. Final Flow	0.0	0.0	0.0	0.0	0.0	

	Field	1	2	3	4	TOOL DATA-----
F. Fl Shut-in	0.0	0.0	0.0	0.0	0.0	Tool Wt. 2200.00 lbs
G. Final Hydro	0.0	0.0	0.0	0.0	0.0	Wt Set On Packer 20000.00 lbs
Inside/Outside						Wt Pulled Loose 45000.00 lbs

RECOVERY

Tot Fluid	20.00 ft of	0.00 ft in DC and	20.00 ft in DP	
20.00	ft of Mud			Initial Str Wt 36000.00 lbs
0.00	ft of			Unseated Str Wt 36000.00 lbs
0.00	ft of			Bot Choke 0.75 in
0.00	ft of			Hole Size 7.78 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 3300.00 ft

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

BLOW DESCRIPTION

Initial Flow:
Weak surface blow throughout
Final Flow:
No blow
Slid tool approximately 5' to bottom
Misrun plugged anchor

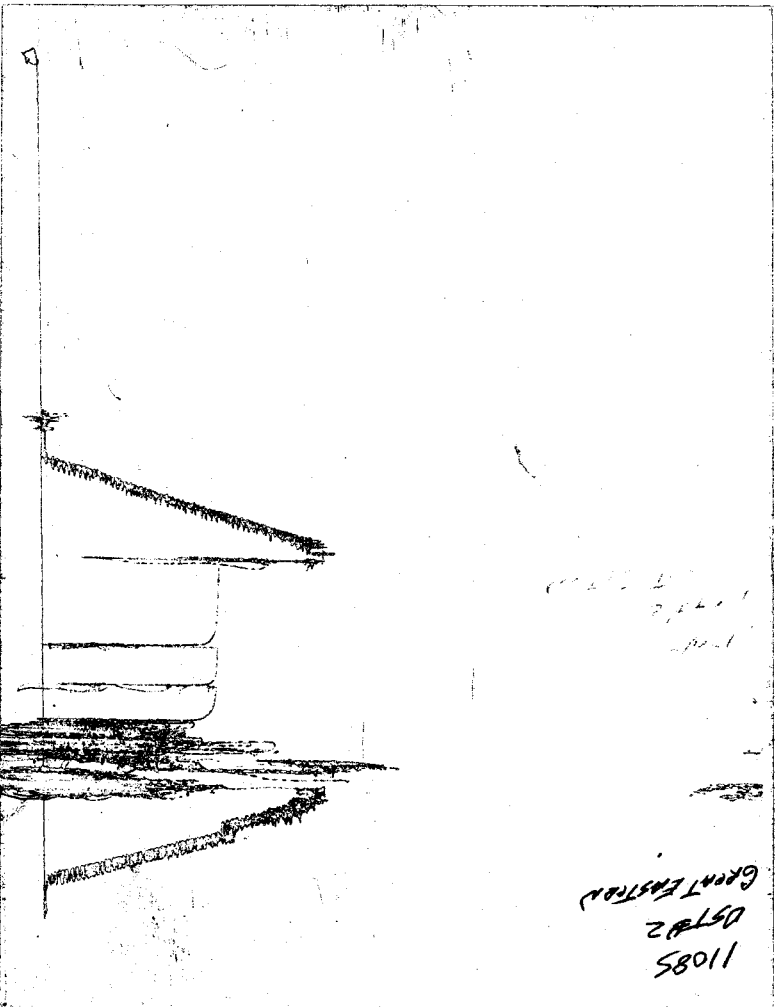
MUD DATA-----	
Mud Type	Chemical
Weight	9.40 lb/cf
Vis.	49.00 S/L
W.L.	8.00 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	0.00 F
Hole Condition	
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	
Tool Chased	
Tester	Ray Schwager
Co. Rep.	Mike Davignon
Contr.	Vonfeldt
Rig #	1
Unit #	
Pump T.	

SAMPLES:

SENT TO:

Test Successful: N

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

N^o 14133

Test Ticket

Well Name & No.	<u>Opeyoung #1</u>	Test No.	<u>2</u>	Date	<u>12-31-2000</u>
Company	<u>GREAT EASTERN Energy & Devel</u>	Zone Tested	<u>Topeka</u>		
Address	<u>P.O. Box 2436 Midland, Texas 79702</u>	Elevation	<u>2301</u>	KB	<u>2296</u> GL
Co. Rep / Geo.	<u>Mike Davignon</u>	Cont.	<u>Vonfeldt 1191</u>	Est. Ft. of Pay	<u>-</u> Por. <u>-</u> %
Location: Sec.	<u>33</u>	Twp.	<u>9^s</u>	Rge.	<u>21^w</u> Co. <u>Graham</u> State <u>Ks</u>
No. of Copies	<u>Reg</u>	Distribution Sheet (Y, N)	<u>-</u>	Turnkey (Y, N)	<u>yes</u> Evaluation (Y, N) <u>-</u>

Interval Tested	<u>3295-3315</u>	Initial Str Wt./Lbs.	<u>36000</u>	Unseated Str Wt./Lbs.	<u>36000</u>
Anchor Length	<u>20</u>	Wt. Set Lbs.	<u>20000</u>	Wt. Pulled Loose/Lbs.	<u>45000</u>
Top Packer Depth	<u>3290</u>	Tool Weight	<u>2200</u>		
Bottom Packer Depth	<u>3295</u>	Hole Size — 7 7/8"	<u>yes</u>	Rubber Size — 6 3/4"	<u>yes</u>
Total Depth	<u>3315</u>	Wt. Pipe Run	<u>-</u>	Drill Collar Run	<u>-</u>
Mud Wt.	<u>9.4</u> LCM <u>TR</u> Vis. <u>49</u> WL <u>8</u>	Drill Pipe Size	<u>4 1/2 x H</u>	Ft. Run	<u>3300</u>
Blow Description	<u>IFP - WEAK SURFACE BLOW THROUGHOUT</u> <u>FFP - NO BLOW</u>				

Slid Tool APPROX. 5' TO BOTTOM
MISRUN PLUGGED ANCHOR

Recovery — Total Feet	<u>20</u>	GIP	<u>-</u>	Ft. in DC	<u>-</u>	Ft. in DP	<u>20</u>
Rec.	<u>20</u>	Feet Of	<u>Mud</u>	%gas	%oil	%water	%mud
Rec.		Feet Of		%gas	%oil	%water	%mud
Rec.		Feet Of		%gas	%oil	%water	%mud
Rec.		Feet Of		%gas	%oil	%water	%mud
Rec.		Feet Of		%gas	%oil	%water	%mud
BHT	<u>-</u>	°F Gravity	<u>-</u>	°API D@	<u>-</u>	°F Corrected Gravity	<u>-</u> °API
RW	<u>-</u>	@	<u>-</u>	°F Chlorides	<u>-</u>	ppm Recovery	Chlorides <u>2000</u> ppm System

(A) Initial Hydrostatic Mud	AK-1	Alpine	PSI Recorder No.	<u>11085</u>	T-On Location	<u>-</u>
(B) First Initial Flow Pressure			PSI (depth)	<u>3308</u>	T-Started	<u>0015</u>
(C) First Final Flow Pressure			PSI Recorder No.	<u>13547</u>	T-Open	<u>0155</u>
(D) Initial Shut-In Pressure			PSI (depth)	<u>3312</u>	T-Pulled	<u>0355</u>
(E) Second Initial Flow Pressure			PSI Recorder No.	<u>-</u>	T-Out	<u>0550</u>
(F) Second Final Flow Pressure			PSI (depth)	<u>-</u>	T-Off Location	<u>0630</u>
(G) Final Shut-in Pressure			PSI Initial Opening	<u>30</u>	Test	<u>✓</u>
(Q) Final Hydrostatic Mud			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 _____

Our Representative RAY SCHWAGER THANK YOU

Circ. Sub _____
Sampler _____
Extra Packer _____
Elec. Rec. _____
Mileage _____
Other _____
TOTAL PRICE \$ ✓

TRILOBITE TESTING L.L.C.

OPERATOR : Great Eastern Energy&Dev

DATE 1-1-01

WELL NAME: Deyoung #1

KB 2301.00 ft

TICKET NO: 14134

DST #3

LOCATION : 33-9s-21w Graham co KS

GR 2296.00 ft

FORMATION: LKC

INTERVAL : 3545.00 To 3575.00 ft

TD 3575.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	11085	11085				PF Fr. 0455 to 0525 hr
SI 30 Range(Psi)	4300.0	4300.0	0.0	0.0	0.0	IS Fr. 0525 to 0555 hr
SF 30 Clock(hrs)	12	12				SF Fr. 0555 to 0625 hr
FS 60 Depth(ft)	3547.0	3547.0	0.0	0.0	0.0	FS Fr. 0625 to 0725 hr

	Field	1	2	3	4	
A. Init Hydro	1733.0	1745.0	0.0	0.0	0.0	T STARTED 0250 hr
B. First Flow	88.0	95.0	0.0	0.0	0.0	T ON BOTM 0450 hr
Bl. Final Flow	187.0	186.0	0.0	0.0	0.0	T OPEN 0455 hr
C. In Shut-in	832.0	829.0	0.0	0.0	0.0	T PULLED 0725 hr
D. Init Flow	220.0	221.0	0.0	0.0	0.0	T OUT 0930 hr
E. Final Flow	297.0	295.0	0.0	0.0	0.0	
F. Fl Shut-in	832.0	823.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1712.0	1711.0	0.0	0.0	0.0	Tool Wt. 2200.00 lbs
Inside/Outside	I	I				Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 0.00 lbs
						Initial Str Wt 36000.00 lbs
						Unseated Str Wt 0.00 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 3555.00 ft

RECOVERY

Tot Fluid 630.00 ft of 0.00 ft in DC and 630.00 ft in DP

270.00 ft of Gas in pipe

330.00 ft of Muddy gassy water cut oil

0.00 ft of 5% gas 65% oil 20% water 10% mud

120.00 ft of Muddy gassy oil cut water

0.00 ft of 15% gas 20% oil 55% water 10% mud

180.00 ft of Water

0.00 ft of 100% water

0.00 ft of

SALINITY 87000.00 P.P.M. A.P.I. Gravity 0.00

MUD DATA-----

Mud Type	Chemical
Weight	9.40 lb/cf
Vis.	64.00 S/L
W.L.	8.00 in3
F.C.	0.00 in
Mud Drop	

BLOW DESCRIPTION

Initial Flow:

Strong blow in 2 minutes.

Final Flow:

Weak to a strong blow in 8 minutes.

Final Shut-In:

Had a weak blow back.

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	

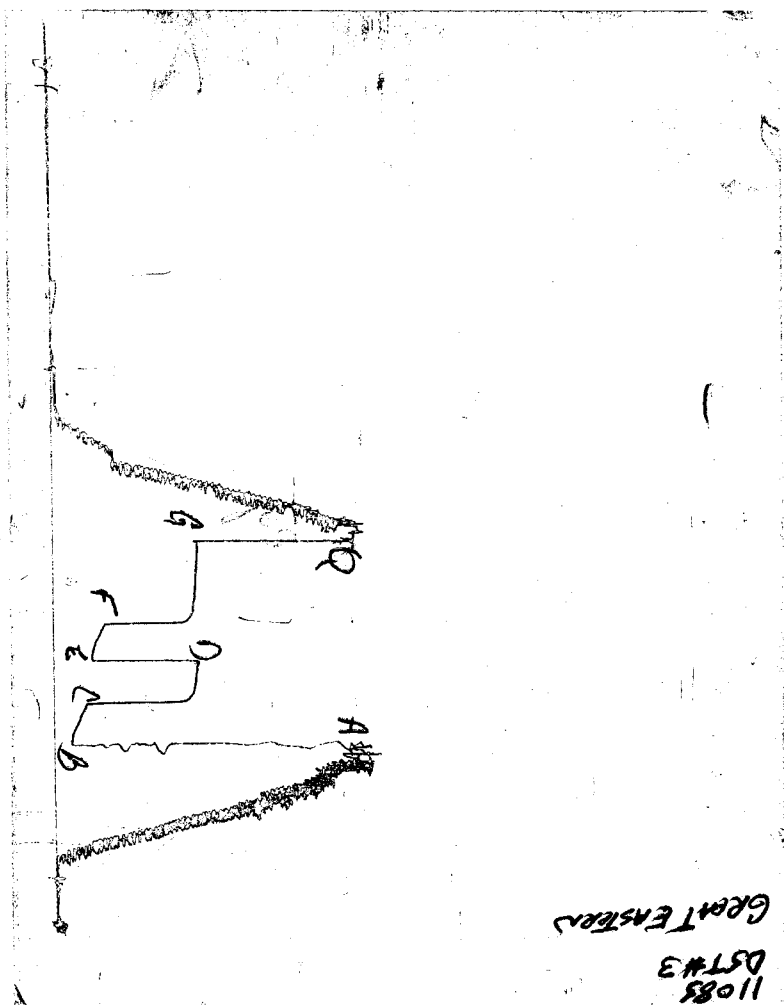
SAMPLES:

SENT TO:

Tester	Ray Schwager
Co. Rep.	Mike Davignon
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

N^o 14134

Test Ticket

Well Name & No.	<u>Oeyoung #1</u>	Test No.	<u>3</u>	Date	<u>1-1-2001</u>
Company	<u>GREAT EASTERN Energy & Devel</u>	Zone Tested	<u>LKC</u>		
Address	<u>P.O. Box 2436 Midland, Texas 79702</u>	Elevation	<u>2301</u>	KB	<u>2296</u> GL
Co. Rep / Geo.	<u>Mike Davignon</u>	Cont.	<u>Vonfeldt, rig 1</u>	Est. Ft. of Pay	<u>-</u> Por. <u>-</u> %
Location: Sec.	<u>33</u>	Twp.	<u>9^s</u>	Rge.	<u>21^W</u> Co. <u>GRAHAM</u> State <u>Ks</u>
No. of Copies	<u>Reg</u>	Distribution Sheet (Y, N)	<u>-</u>	Turnkey (Y, N)	<u>yes</u> Evaluation (Y, N) <u>-</u>

Interval Tested	<u>3545-3575</u>	Initial Str Wt./Lbs.	<u>36000</u>	Unseated Str Wt./Lbs.	<u>-</u>
Anchor Length	<u>30</u>	Wt. Set Lbs.	<u>20000</u>	Wt. Pulled Loose/Lbs.	<u>-</u>
Top Packer Depth	<u>3540</u>	Tool Weight	<u>2200</u>		
Bottom Packer Depth	<u>3545</u>	Hole Size — 7 7/8"	<u>yes</u>	Rubber Size — 6 3/4"	<u>yes</u>
Total Depth	<u>3575</u>	Wt. Pipe Run	<u>-</u>	Drill Collar Run	<u>-</u>
Mud Wt.	<u>9.4</u> LCM <u>TR</u> Vis. <u>64</u> WL <u>8</u>	Drill Pipe Size	<u>4 1/2 X H</u>	Ft. Run	<u>3555</u>
Blow Description	<u>IFP — Strong Blow in 2 min</u> <u>FFP — Weak to a Strong Blow in 8 min</u> <u>had a weak blow back on shut-in</u>				

Recovery — Total Feet	<u>630</u>	GIP	<u>270</u>	Ft. in DC	<u>-</u>	Ft. in DP	<u>630</u>
Rec.	<u>330</u>	Feet Of	<u>MGWCO</u>	5 %gas	<u>65</u> %oil	20 %water	10 %mud
Rec.	<u>120</u>	Feet Of	<u>MGOCW</u>	15 %gas	20 %oil	55 %water	10 %mud
Rec.	<u>180</u>	Feet Of	<u>WATER</u>	%gas	%oil	%water	%mud
Rec.		Feet Of		%gas	%oil	%water	%mud
Rec.		Feet Of		%gas	%oil	%water	%mud
BHT	<u>108</u>	°F Gravity	<u>-</u>	°API D@	<u>-</u>	°F Corrected Gravity	<u>-</u> °API
RW	<u>.16</u>	@	<u>40</u>	°F Chlorides	<u>87000</u>	ppm Recovery	Chlorides <u>4000</u> ppm System

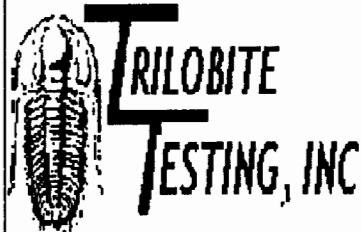
	AK-1	Alpine		
(A) Initial Hydrostatic Mud	<u>1733</u>		PSI Recorder No.	<u>11085</u>
(B) First Initial Flow Pressure	<u>88</u>		PSI (depth)	<u>3547</u>
(C) First Final Flow Pressure	<u>187</u>		PSI Recorder No.	<u>13547</u>
(D) Initial Shut-In Pressure	<u>832</u>		PSI (depth)	<u>3550</u>
(E) Second Initial Flow Pressure	<u>220</u>		PSI Recorder No.	<u>-</u>
(F) Second Final Flow Pressure	<u>297</u>		PSI (depth)	<u>-</u>
(G) Final Shut-in Pressure	<u>832</u>		PSI Initial Opening	<u>30</u>
(Q) Final Hydrostatic Mud	<u>1712</u>		PSI Initial Shut-in	<u>30</u>
			Final Flow	<u>30</u>
			Final Shut-in	<u>60</u>

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Approved By [Signature]

Our Representative RAY SCHWAGER THANK YOU

T-On Location	<u>0000</u>
T-Started	<u>0250</u>
T-Open	<u>0455</u>
T-Pulled	<u>0725</u>
T-Out	<u>0930</u>
T-Off Location	<u>1000</u>
Test	<u>✓</u>
Jars	<u>-</u>
Safety Joint	<u>-</u>
Straddle	<u>-</u>
Circ. Sub	<u>-</u>
Sampler	<u>-</u>
Extra Packer	<u>-</u>
Elec. Rec.	<u>-</u>
Mileage	<u>✓ 45</u>
Other	<u>-</u>
TOTAL PRICE \$	<u>✓</u>



DRILL STEM TEST REPORT

Great Eastern Energy

DeYoung #1

P O Box 2436
Midland Texas 79702

33-9s-21w

Job Ticket: 14135

DST#:

ATTN: Mike Davignon

Test Start: 2001.01.02 @ 19:00:00

GENERAL INFORMATION:

Formation: Arbuckle

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:33:35

Time Test Ended: 23:38:00

Test Type: Bottom Hole

Tester: Ray Schwager

Unit No: 16

Interval: 3806.00 ft (KB) To 3852.00 ft (KB) (TVD)

Total Depth: 3852.00 ft (KB)

Hole Diameter: 7.85 inches Hole Condition: Fair

Reference Elevations: 2301.00 ft (KB)

2296.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 3289 Inside

Press@RunDepth: 324.06 psig @ 3817.02 ft (KB)

Start Date: 2001.01.02

End Date:

2001.01.03

Start Time: 18:56:07

End Time:

02:15:05

Capacity: 7000.00 psig

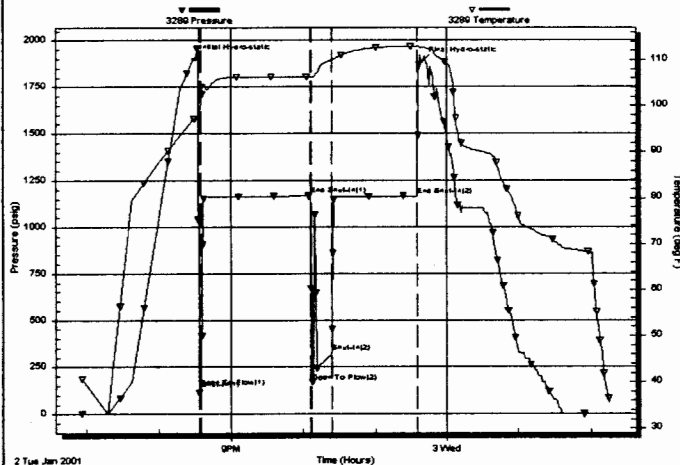
Last Calib.: 2001.01.03

Time On Btm: 2001.01.02 @ 20:29:05

Time Off Btm: 2001.01.02 @ 23:40:05

TEST COMMENT: times-30-60-30-60 IFP-w k to stg in 3 min
FFP-w k to stg in 5 min

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
93	1899.33	97.14	Initial Hydro-static
98	137.99	98.12	Open To Flow (1)
100	173.22	101.93	Shut-In (1)
190	1165.68	106.20	End Shut-In (1)
191	164.33	106.31	Open To Flow (2)
208	324.06	110.00	Shut-In (2)
280	1165.30	112.82	End Shut-In (2)
284	1886.35	112.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
165.00	Mud cut gassy oil 5% gas 20% mud 70% oil	2.31
420.00	CO	5.89
0.00	150' Gas in pipe	0.00

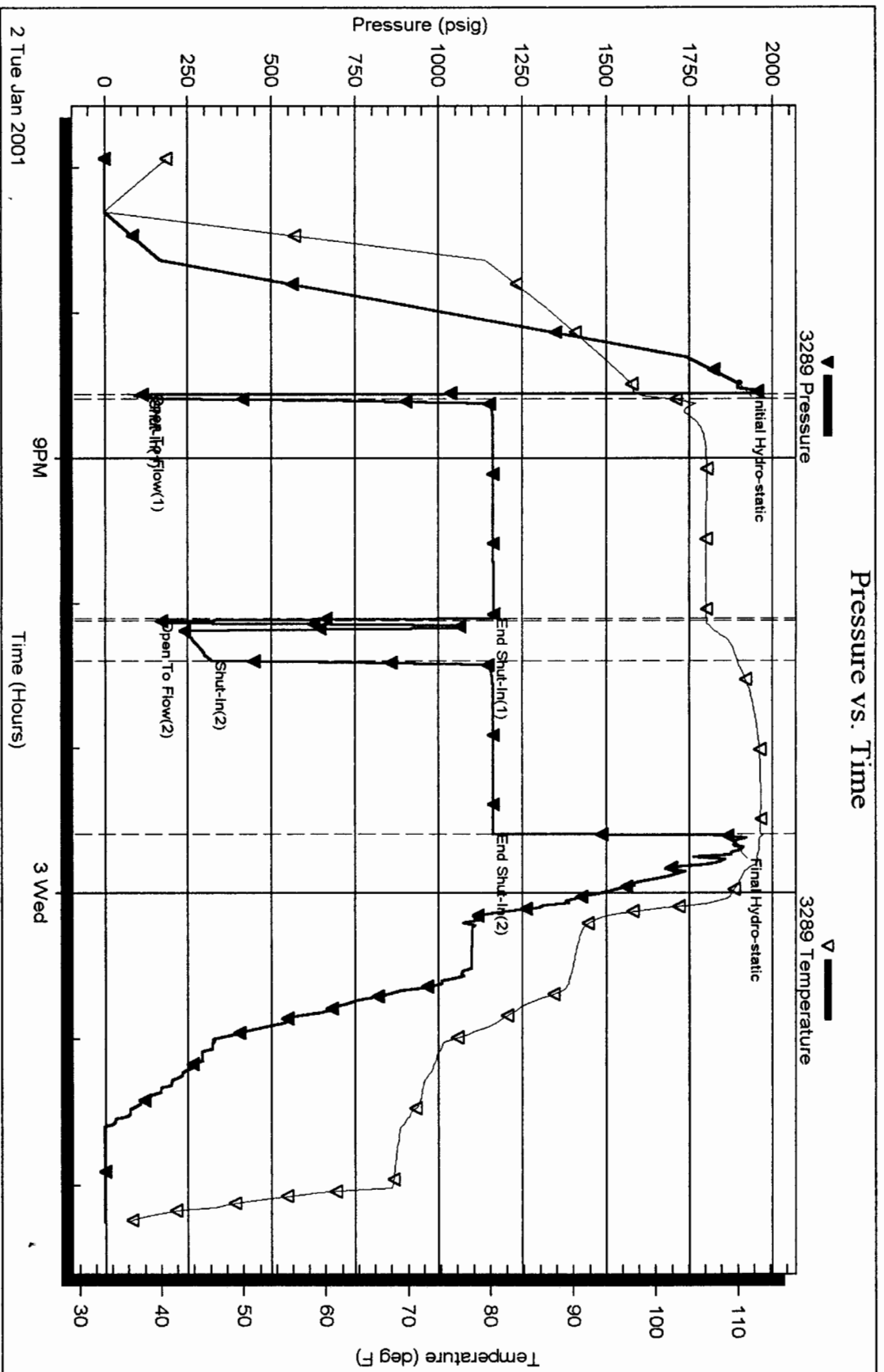
Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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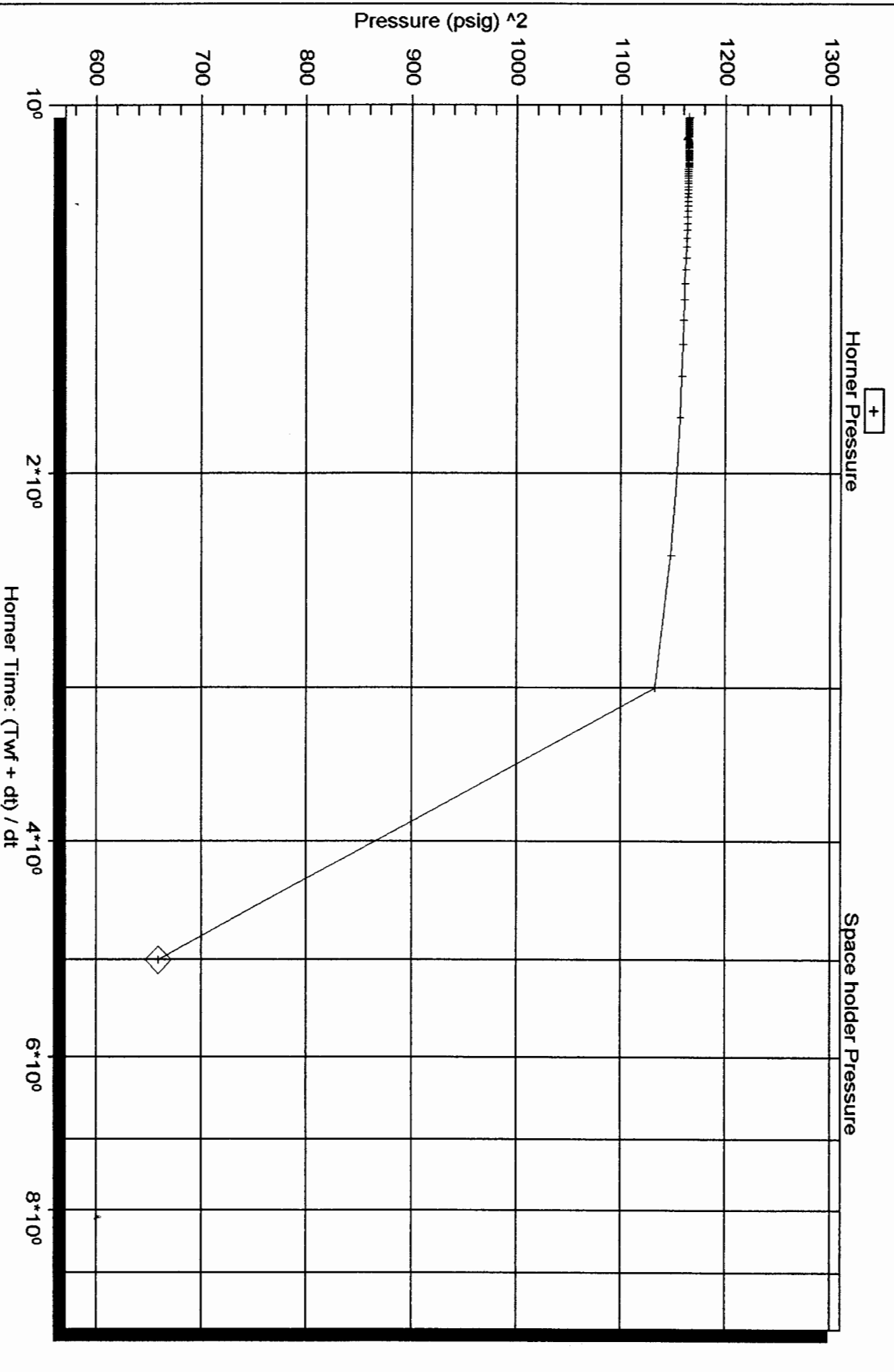
Serial #: 3289

Inside Great Eastern Energy

33-95-21w



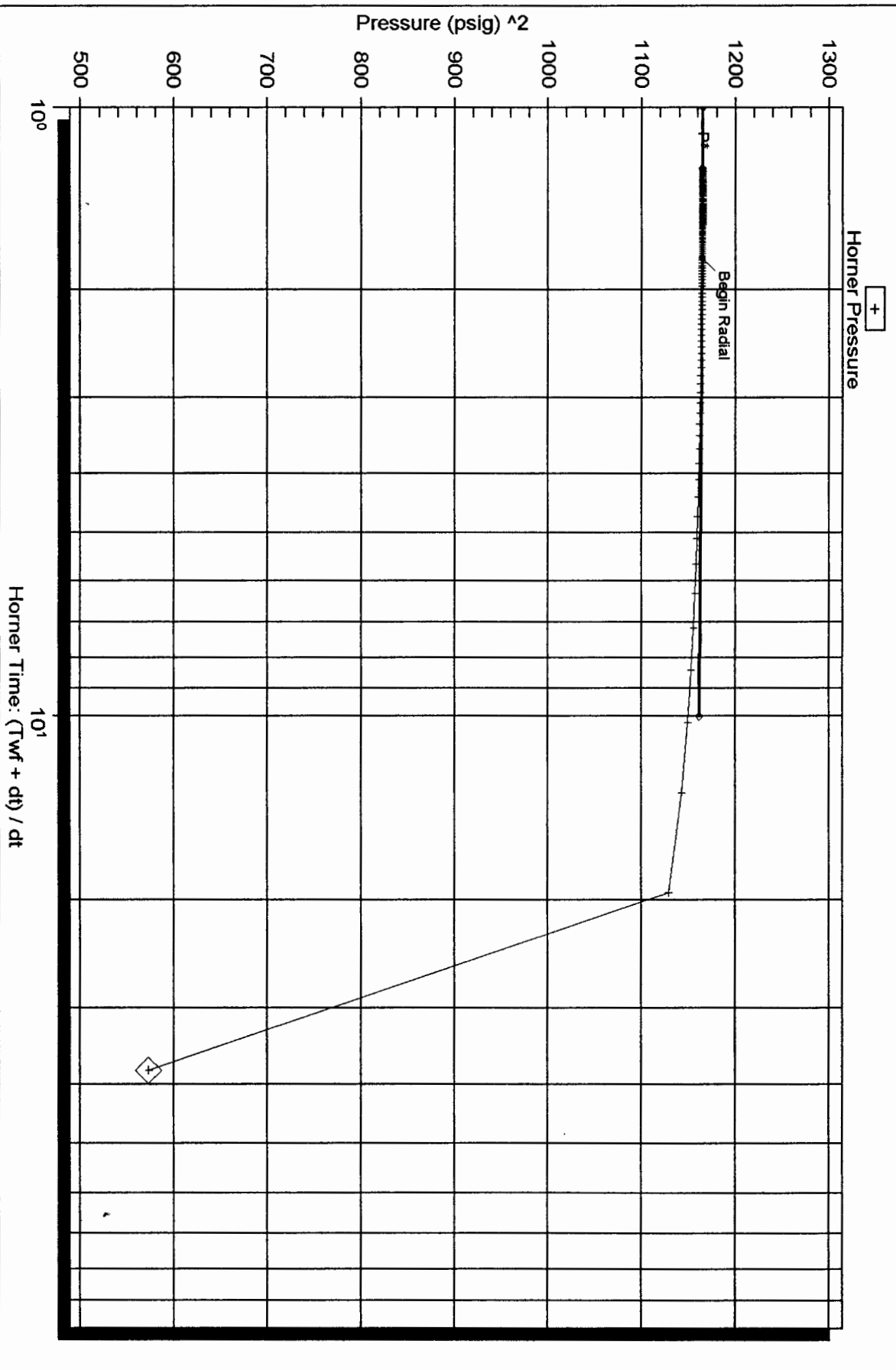
Horner Plot



Serial Number: 3289 (Inside)

Flow Cycle: 1

Horner Plot



Serial Number: 3289 (Inside)

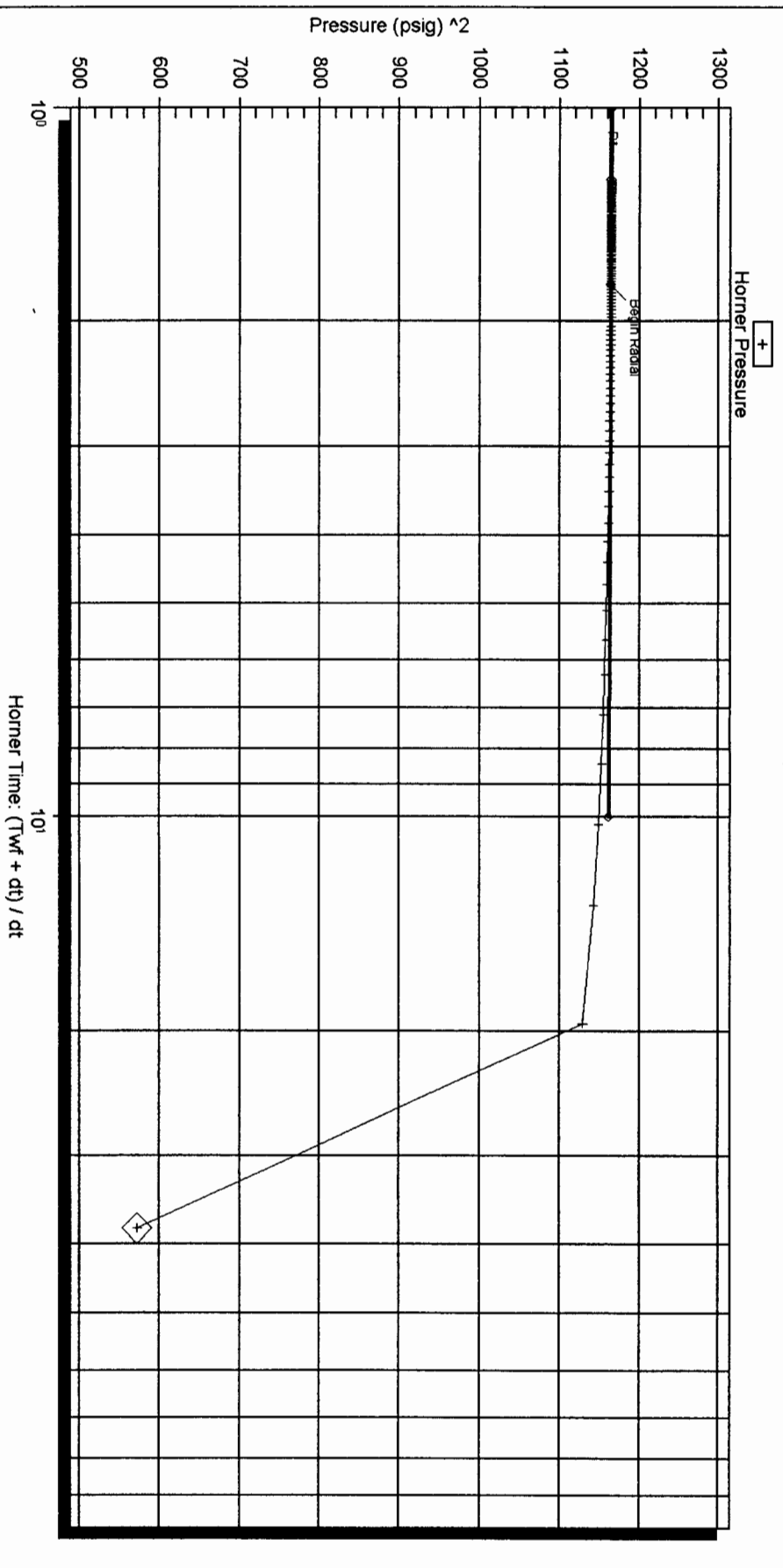
P* : 1165.69

Horner Time: (Twf + dt) / dt

Slope (m) : 3.62 kpa/log cycle

Flow Cycle: 2

Horner Plot



Serial Number: 3289 (Inside)

Flow Cycle: 1

Analysis (Fluid)

Inputs

Average Fluid Viscosity: 5.6
Total System Compress: 0.0
Formation Volume Factor: 1.05

Net Pay Thickness: 6.0
Formation Porosity: 0.16
Water Saturation: 0.35

Initial Static Reservoir Pressure: 1165.69
Flowing Bottom Hole Pressure: 324.06
Wellbore Radius: 3.92

Volume of Recovered Fluid: 8.2
Total Flowing Time: 0.31

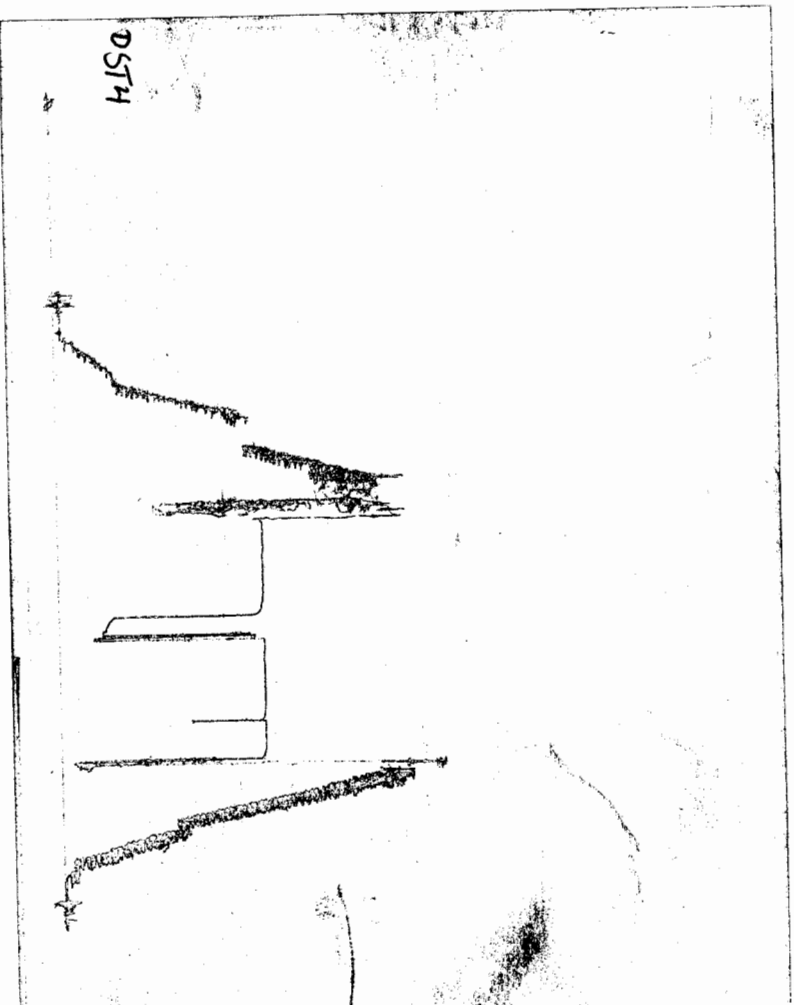
Outputs

Horner Slope (m): 3.62
Radius of Investigation: 639.35
Fluid Flow Rate: 589.53

Effective Permeability:
Apparent Skin Factor:
kh:

1049692.74
1833.4
1919678.02

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 14135

Test Ticket

Well Name & No.	<u>Oeyoung #1</u>	Test No.	<u>4</u>	Date	<u>1-2-2001</u>
Company	<u>GREAT EASTERN Energy & Devel</u>	Zone Tested	<u>Arbuckle</u>		
Address	<u>P.O. Box 2436 Midland, Texas 79702</u>	Elevation	<u>2301</u>	KB	<u>2296</u> GL
Co. Rep / Geo.	<u>Mike Davignon</u>	Cont.	<u>Unfeldt rig 1</u>	Est. Ft. of Pay	<u>-</u> Por. <u>-</u> %
Location: Sec.	<u>33</u>	Twp.	<u>9^s</u>	Rge.	<u>21^w</u> Co. <u>GRAHAM</u> State <u>Ks</u>
No. of Copies	<u>Rag</u>	Distribution Sheet (Y, N)	<u>-</u>	Turnkey (Y, N)	<u>yes</u> Evaluation (Y, N) <u>-</u>

Interval Tested	<u>3806-3852</u>	Initial Str Wt./Lbs.	<u>38000</u>	Unseated Str Wt./Lbs.	<u>41000</u>
Anchor Length	<u>46</u>	Wt. Set Lbs.	<u>20000</u>	Wt. Pulled Loose/Lbs.	<u>46000</u>
Top Packer Depth	<u>3801</u>	Tool Weight	<u>2200</u>		
Bottom Packer Depth	<u>3806</u>	Hole Size — 7 7/8"	<u>yes</u>	Rubber Size — 6 3/4"	<u>yes</u>
Total Depth	<u>3852</u>	Wt. Pipe Run	<u>-</u>	Drill Collar Run	<u>-</u>
Mud Wt. <u>8.3</u> LCM <u>TR</u> Vis. <u>56</u> WL <u>8</u>		Drill Pipe Size	<u>4 1/2 XH</u>	Ft. Run	<u>3801</u>
Blow Description	<u>IFP - WEAK TO A STRONG BLOW IN 3min</u> <u>FFP - WEAK TO A STRONG BLOW IN 5min</u> <u>had a weak blow back on shut in</u>				

Recovery — Total Feet	<u>585</u>	GIP	<u>195</u>	Ft. in DC	<u>-</u>	Ft. in DP	<u>585</u>
Rec.	<u>420</u>	Feet Of	<u>CLEAN OIL</u>	%gas	<u>-</u>	%oil	<u>-</u>
Rec.	<u>165</u>	Feet Of	<u>MGO</u>	%gas	<u>70</u>	%oil	<u>-</u>
Rec.		Feet Of		%gas	<u>-</u>	%oil	<u>-</u>
Rec.		Feet Of		%gas	<u>-</u>	%oil	<u>-</u>
Rec.		Feet Of		%gas	<u>-</u>	%oil	<u>-</u>
BHT	<u>112</u>	°F Gravity	<u>25</u>	°API D@	<u>60</u>	°F Corrected Gravity	<u>25</u>
RW	<u>-</u>	@	<u>-</u>	°F Chlorides	<u>-</u>	ppm Recovery	<u>8000</u>

(A) Initial Hydrostatic Mud	<u>1899</u>	PSI	Recorder No.	<u>3289</u>	T-On Location	<u>1830</u>
(B) First Initial Flow Pressure	<u>92</u>	PSI	(depth)	<u>3817</u>	T-Started	<u>1900</u>
(C) First Final Flow Pressure	<u>-</u>	PSI	Recorder No.	<u>11085</u>	T-Open	<u>2038</u>
(D) Initial Shut-In Pressure	<u>1165</u>	PSI	(depth)	<u>3807</u>	T-Pulled	<u>2338</u>
(E) Second Initial Flow Pressure	<u>165</u>	PSI	Recorder No.	<u>-</u>	T-Out	<u>0215</u>
(F) Second Final Flow Pressure	<u>310</u>	PSI	(depth)	<u>-</u>	T-Off Location	<u>0245</u>
(G) Final Shut-in Pressure	<u>1165</u>	PSI	Initial Opening	<u>30</u>	Test	<u>✓</u>
(Q) Final Hydrostatic Mud	<u>1886</u>	PSI	Initial Shut-in	<u>60</u>	Jars	<u>-</u>
			Final Flow	<u>30</u>	Safety Joint	<u>-</u>
			Final Shut-in	<u>60</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 _____

Our Representative RAY SCHWAGER Thank you

Circ. Sub _____
Sampler _____
Extra Packer _____
Elec. Rec. ✓
Mileage 145
Other _____
TOTAL PRICE \$ ✓

TRILOBITE TESTING L.L.C.

OPERATOR : Great Eastern Energy&Dev
WELL NAME: DeYoung #1
LOCATION : 33-9s-21w Graham co KS
INTERVAL : 3857.00 To 3867.00 ft

DATE 1-3-01
KB 2301.00 ft TICKET NO: 14136 DST #5
GR 2296.00 ft FORMATION: Arbuckle
TD 3867.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.						PF Fr. 1122 to 1152 hr
SI 30 Range(Psi)	0.0	0.0	0.0	0.0	0.0	IS Fr. 1152 to 1222 hr
SF 30 Clock(hrs)						SF Fr. 1222 to 1252 hr
FS 30 Depth(ft)	0.0	0.0	0.0	0.0	0.0	FS Fr. 1252 to 1322 hr

	Field	1	2	3	4	
A. Init Hydro	0.0	0.0	0.0	0.0	0.0	T STARTED 0917 hr
B. First Flow	0.0	0.0	0.0	0.0	0.0	T ON BOTM 1118 hr
B1. Final Flow	0.0	0.0	0.0	0.0	0.0	T OPEN 1122 hr
C. In Shut-in	0.0	0.0	0.0	0.0	0.0	T PULLED 1322 hr
D. Init Flow	0.0	0.0	0.0	0.0	0.0	T OUT 1510 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	TOOL DATA-----
G. Final Hydro	0.0	0.0	0.0	0.0	0.0	Tool Wt. 2200.00 lbs
Inside/Outside						Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 60000.00 lbs
						Initial Str Wt 40000.00 lbs
						Unseated Str Wt 40000.00 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 3864.00 ft

RECOVERY

Tot Fluid 15.00 ft of	0.00 ft in DC and	15.00 ft in DP	
15.00 ft of Mud w/ Show of oil			
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 blow throughout 1/2" to 1/4" blow.
Final Flow:
No blow flushed tool, got surge after flush
Misrun-slid tool approximately 8' to bottom

SAMPLES:
SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	9.30 lb/cf
Vis.	56.00 S/L
W.L.	8.00 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	114.00 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.	Mike Davignon
Contr.	Vonfeldt
Rig #	1
Unit #	
Pump T.	

Test Successful: N

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Nº 14136

Test Ticket

Well Name & No.	<u>DePung #1</u>	Test No.	<u>5</u>	Date	<u>1-3-2001</u>
Company	<u>GREAT EASTERN Energy + Devel</u>	Zone Tested	<u>Arbuckle</u>		
Address	<u>P.O. Box 2436 Midland, Texas 79702</u>	Elevation	<u>2301</u>	KB	<u>2296</u> GL
Co. Rep / Geo.	<u>Mike Davignon</u>	Cont.	<u>Vonfeldt r.g.l</u>	Est. Ft. of Pay	<u>-</u> Por. <u>-</u> %
Location: Sec.	<u>33</u>	Twp.	<u>9^s</u>	Rge.	<u>21^w</u> Co. <u>GRAHAM</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>3857-3867</u>	Initial Str Wt./Lbs.	<u>40000</u>	Unseated Str Wt./Lbs.	<u>40000</u>
Anchor Length	<u>10</u>	Wt. Set Lbs.	<u>20000</u>	Wt. Pulled Loose/Lbs.	<u>60000</u>
Top Packer Depth	<u>3852</u>	Tool Weight	<u>2200</u>		
Bottom Packer Depth	<u>3857</u>	Hole Size — 7 7/8"	<u>yes</u>	Rubber Size — 6 3/4"	<u>yes</u>
Total Depth	<u>3867</u>	Wt. Pipe Run	<u>-</u>	Drill Collar Run	<u>-</u>
Mud Wt. <u>9.3</u> LCM <u>Te</u> Vis. <u>56</u> WL <u>8</u>		Drill Pipe Size	<u>4 1/2 XH</u>	Ft. Run	<u>3864</u>
Blow Description	<u>IFP - weak blow throughout 1/2" to 1/4" Blow</u>				
	<u>FFP - NO Blow flushed to, got surge after flush</u>				
	<u>mid Run</u>				

Slid Tool approx 8' to Bottom

Recovery — Total Feet	<u>15</u>	GIP	<u>-</u>	Ft. in DC	<u>-</u>	Ft. in DP	<u>15</u>
Rec. <u>15</u>	Feet Of	<u>Mud</u>	%gas	%oil	%water	%mud	
Rec. <u>-</u>	Feet Of	<u>w/ show of oil</u>	%gas	%oil	%water	%mud	
Rec. <u>-</u>	Feet Of	<u>-</u>	%gas	%oil	%water	%mud	
Rec. <u>-</u>	Feet Of	<u>-</u>	%gas	%oil	%water	%mud	
Rec. <u>-</u>	Feet Of	<u>-</u>	%gas	%oil	%water	%mud	
BHT <u>114</u>	°F Gravity	<u>-</u>	°API D@	<u>-</u>	°F Corrected Gravity	<u>-</u>	°API
RW <u>-</u>	@ <u>-</u>	°F Chlorides	<u>-</u>	ppm Recovery	Chlorides <u>3000</u>	ppm System	

(A) Initial Hydrostatic Mud	AK-1	Alpine	PSI Recorder No.	<u>3289</u>	T-On Location	<u>0800</u>
(B) First Initial Flow Pressure			PSI (depth)	<u>3858</u>	T-Started	<u>0917</u>
(C) First Final Flow Pressure			PSI Recorder No.	<u>11085</u>	T-Open	<u>1122</u>
(D) Initial Shut-In Pressure			PSI (depth)	<u>3864</u>	T-Pulled	<u>1322</u>
(E) Second Initial Flow Pressure			PSI Recorder No.	<u>-</u>	T-Out	<u>1510</u>
(F) Second Final Flow Pressure			PSI (depth)	<u>-</u>	T-Off Location	<u>1545</u>
(G) Final Shut-in Pressure			PSI Initial Opening	<u>30</u>	Test	<u>✓</u>
(Q) Final Hydrostatic Mud			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 Schwaeger Thank you

Circ. Sub -
Sampler -
Extra Packer -
Elec. Rec ✓
Mileage 145
Other -
TOTAL PRICE \$ ✓