

TRILOBITE TESTING COMPANY, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name G. COBERLY #1 Test No. 1 Date 4/12/92
Company ARGENT ENERGY INC Zone Tested LKC-160-180
Address 110 S MAIN #410 WICHITA KS 67202-3745 Elevation 2328 K.B.
Co. Rep./Geo. SCOTT OATSDEAN Cont. MURFIN #3 Est. Ft. of Pay 4
Location: Sec. 5 Twp. 15S Rge. 27W Co. GOVE State KS

Interval Tested 3873-3940 Drill Pipe Size 4.5 XH
Anchor Length 67 Wt. Pipe I.D. - 2.7 Ft. Run 406
Top Packer Depth 3868 Drill Collar - 2.25 Ft. Run 294
Bottom Packer Depth 3873
Total Depth 3940

Mud Wt. 9.3 lb / gal. Viscosity 44 Filtrate 11.6

Tool Open @ 10:17 PM Initial Blow WEAK BUILDING TO STRONG OFF BOTTOM OF
BUCKET IN 18 MINUTES
Final Blow WEAK BUILDING TO STRONG OFF BOTTOM OF
BUCKET IN 35 MINUTES

Recovery — Total Feet 360 Flush Tool? NO

Rec. 120 Feet of SLIGHTLY GASSY MUD 5%GAS/95%MUD

Rec. 60 Feet of SLIGHTLY OIL CUT GASSY MUD 10%GAS/5%OIL/85%MUD

Rec. 60 Feet of OIL CUT GASSY MUD 25%GAS/30%OIL/45%MUD

Rec. 60 Feet of OIL CUT GASSY MUD 40%GAS/30%OIL/30%MUD

Rec. 60 Feet of OIL CUT GASSY MUD 50%GAS/30%OIL/2

BHT 116 °F Gravity °API @ °F Corrected Gravity 34 °API

RW @ °F Chlorides ppm Recovery Chlorides 1500 ppm System

(A) Initial Hydrostatic Mud 2010.6 PSI AK1 Recorder No. 7437 Range 4200

(B) First Initial Flow Pressure 82.2 PSI @ (depth) 3877 w/Clock No. 8179

(C) First Final Flow Pressure 148.8 PSI AK1 Recorder No. 13849 Range 4375

(D) Initial Shut-in Pressure 457.7 PSI @ (depth) 3936 w/Clock No. 31152

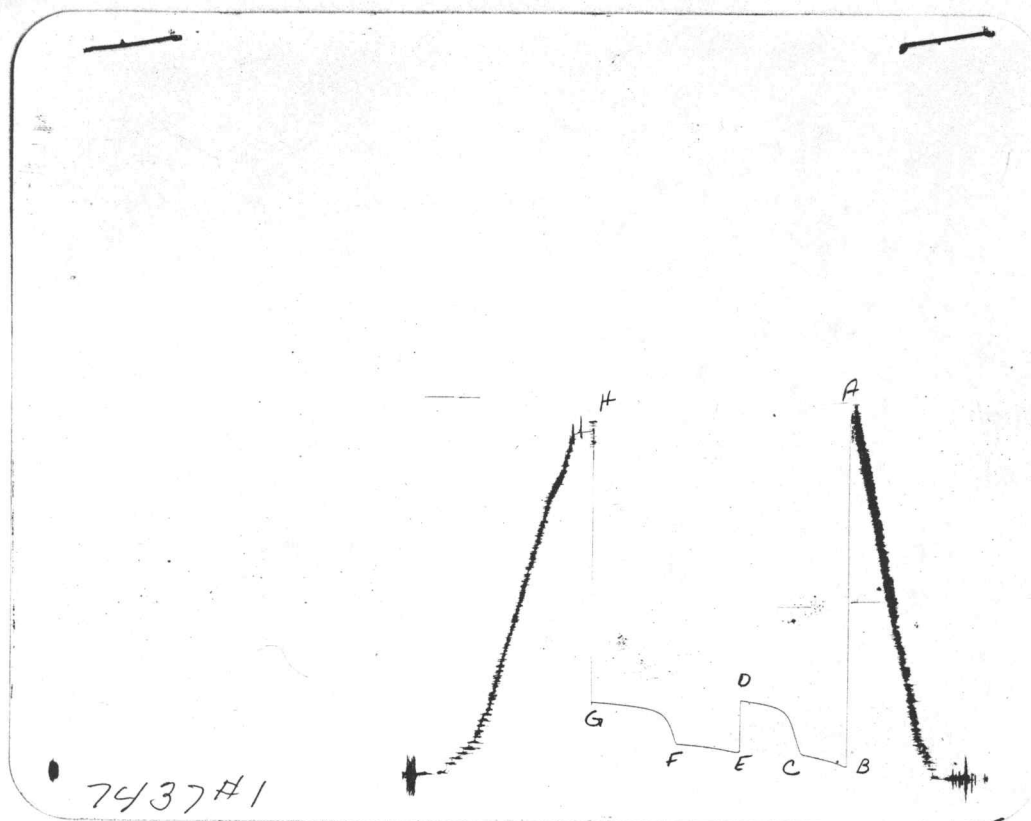
(E) Second Initial Flow Pressure 175.5 PSI AK1 Recorder No. Range

(F) Second Final Flow Pressure 207.7 PSI @ (depth) w/Clock No.

(G) Final Shut-in Pressure 442.2 PSI Initial Opening 30 Final Flow 45

(H) Final Hydrostatic Mud 1920.3 PSI Initial Shut-in 45 Final Shut-in 60

Our Representative DAN BANGLE TOTAL PRICE \$ 600



POINT This is an actual photograph of recorder chart
PRESSURE

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2004	2010.6
(B) FIRST INITIAL FLOW PRESSURE	88	82.2
(C) FIRST FINAL FLOW PRESSURE	144	148.8
(D) INITIAL CLOSED-IN PRESSURE	444	457.7
(E) SECOND INITIAL FLOW PRESSURE	166	175.5
(F) SECOND FINAL FLOW PRESSURE	200	207.7
(G) FINAL CLOSED-IN PRESSURE	433	442.2
(H) FINAL HYDROSTATIC MUD	1917	1920.3

CALCULATED RECOVERY ANALYSIS

DST #

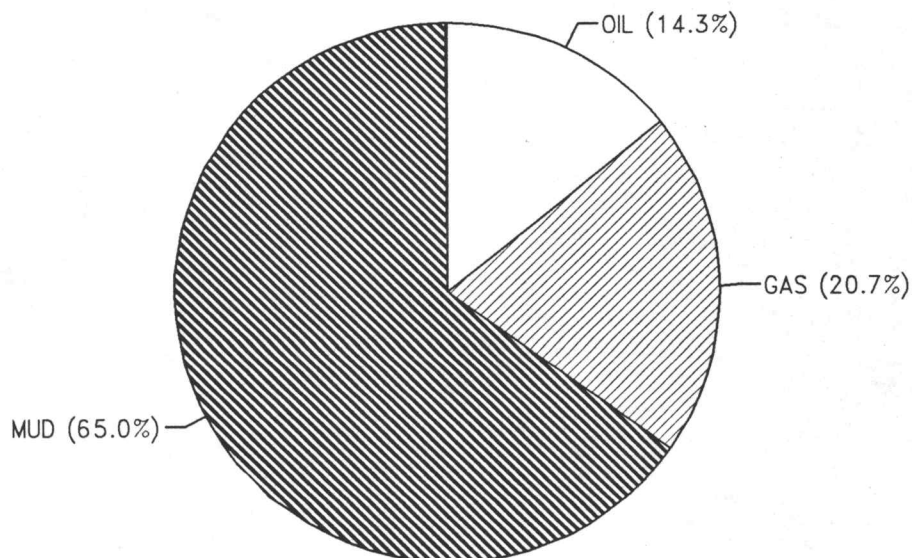
1

TICKET #

4752

SAMPLE #	TOTAL FEET	GAS %	FEET	OIL %	FEET	WATER %	FEET	MUD %	FEET
DRILL 1			0		0		0		0
PIPE 2			0		0		0		0
3			0		0		0		0
4			0		0		0		0
5			0		0		0		0
6			0		0		0		0
WEIGHT 1	66	5	3.3		0		0	95	62.7
PIPE 2			0		0		0		0
3			0		0		0		0
4			0		0		0		0
DRILL 1	54	5	2.7		0	0	0	95	51.3
COLLAR 2	60	10	6	5	3		0	85	51
3	60	25	15	30	18		0	45	27
4	60	40	24	30	18		0	30	18
5	60	50	30	30	18		0	20	12
TOTAL	360		81		57		0		222

			HRS OPEN	BBL/DAY
BBL OIL=	0.27873	*	1.25	5.351616
BBL WATER=	0	*		0
BBL MUD=	1.268037			
BBL GAS =	0.403053			



----- INITIAL FLOW -----

RECORDER # 13849

DST #1

DT(MIN)	PRESSURE	<> PRESSURE
0	82.2	82.2
3	92.2	10
6	100	7.800003
9	109.9	9.900001
12	116.6	6.699997
15	124.4	7.800003
18	130	5.599999
21	134.4	4.399994
24	140	5.600006
27	144.4	4.399994
30	148.8	4.400009

----- FINAL FLOW -----

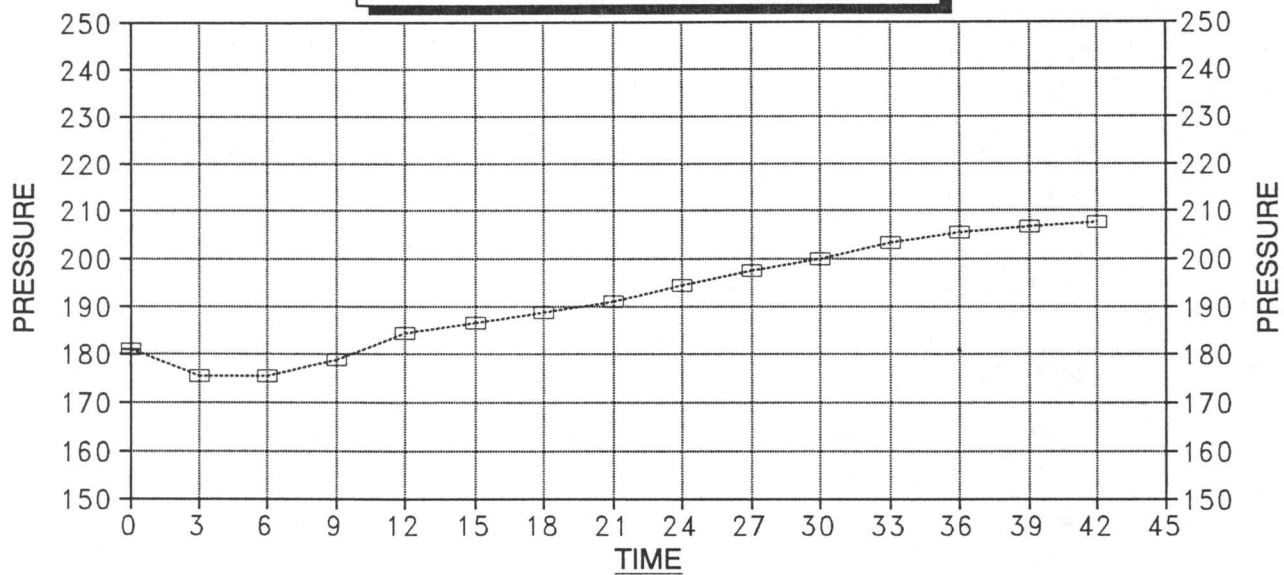
RECORDER # 13849

DST #1

DT(MIN)	PRESSURE	<> PRESSURE
0	181.1	181.1
3	175.5	-5.600006
6	175.5	0
9	178.8	3.300003
12	184.4	5.599991
15	186.6	2.200012
18	188.8	2.199997
21	191.1	2.300003
24	194.4	3.299988
27	197.7	3.300003
30	200	2.300003
33	203.3	3.300003
36	205.5	2.199997
39	206.6	1.100006
42	207.7	1.099991

DELTA T DELTA P

FINAL FLOW - DST #1



--- G. COBERLY #1

INITIAL PRODUCTION CORRECTED TO PSEUDO STEADY FLOW STATE 23.45946 BBL/DAY

INITIAL #1 DST #1
SHUTIN
30 FLOW TIME

Slope psi/cycle
P * 528 psi

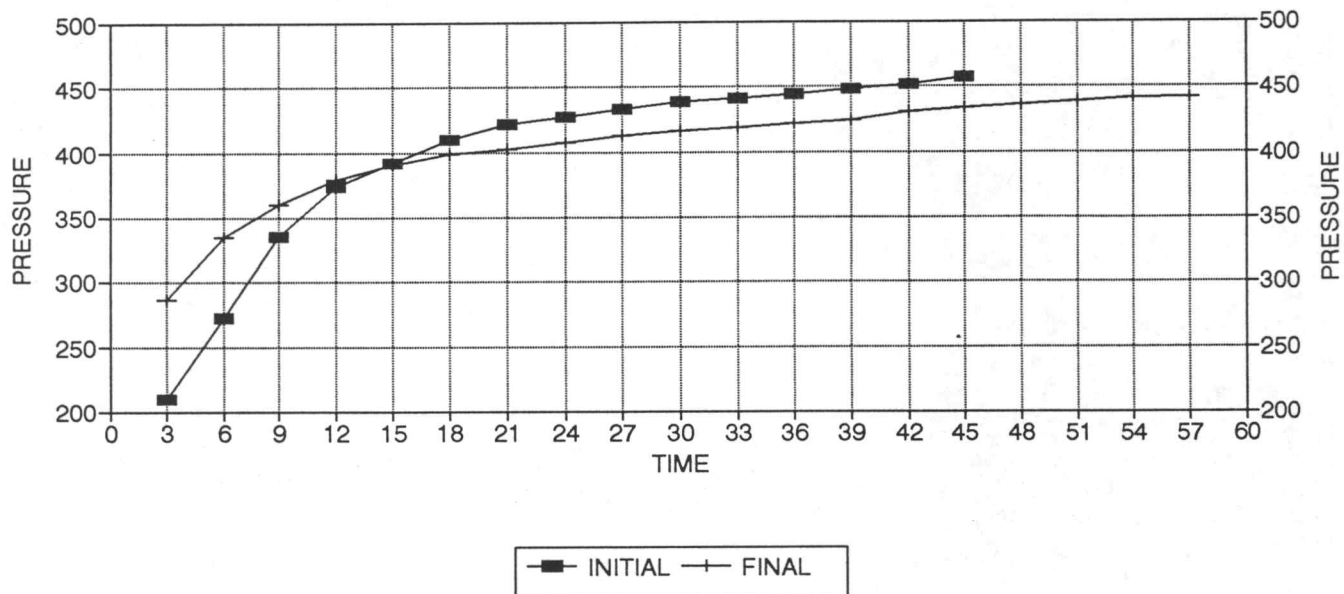
TIME(MIN)	Pws (psi)	Log Horn T	<> PRESSURE	Horn T
3	209.9	1.041	209.9	11
6	273.3	0.778	63.4	6
X 9	335.5	0.637	62.2	4
12	373.3	0.544	37.8	4
15	392.2	0.477	18.9	3
18	409.9	0.426	17.7	3
21	422.2	0.385	12.3	2
24	427.7	0.352	5.5	2
27	433.3	0.325	5.6	2
30	438.8	0.301	5.5	2
33	441.1	0.281	2.3	2
36	444.4	0.263	3.3	2
39	448.8	0.248	4.4	2
42	452.1	0.234	3.3	2
X 45	457.7	0.222	5.6	2

FINAL #1 DST #1
SHUTIN
75 TOTAL FLOW TIME

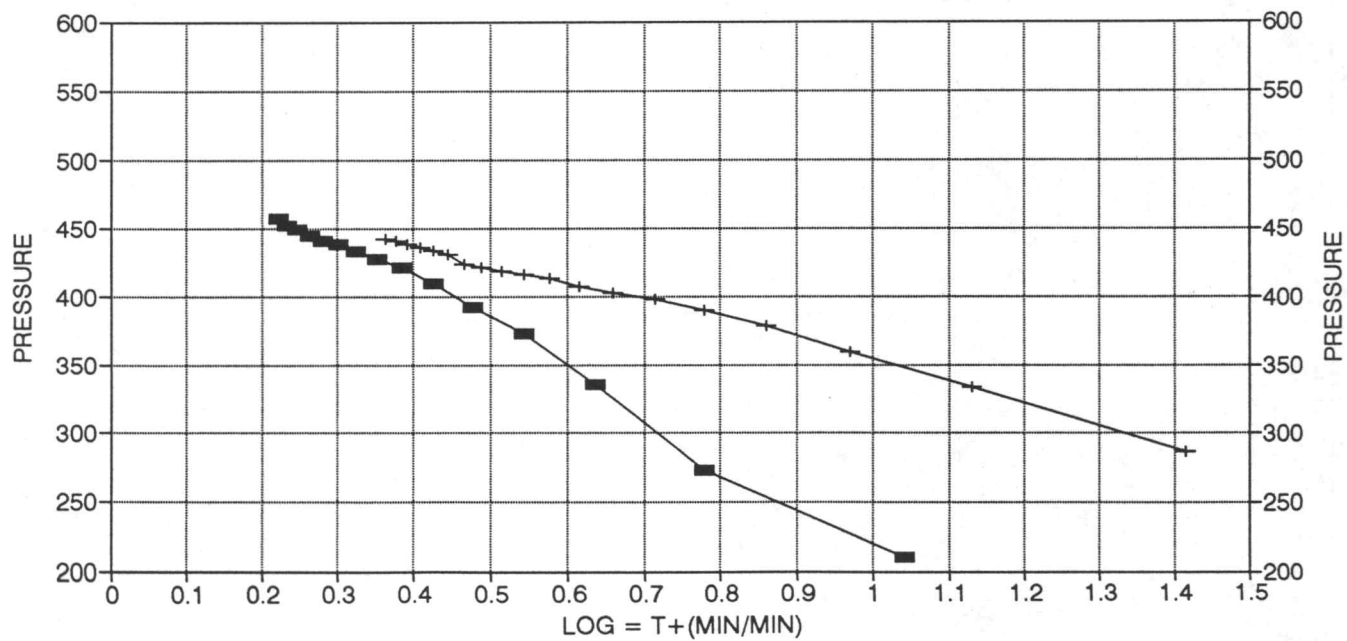
Slope psi/cycle
P * 493 psi

TIME(MIN)	Pws (psi)	Log Horn T	<> PRESSURE	Horn T
3	286.6	1.415	286.6	26
X 6	334.4	1.130	47.8	14
9	359.9	0.970	25.5	9
12	378.8	0.860	18.9	7
15	389.9	0.778	11.1	6
18	398.8	0.713	8.9	5
21	403.3	0.660	4.5	5
24	407.7	0.615	4.4	4
27	413.3	0.577	5.6	4
30	416.6	0.544	3.3	4
33	418.8	0.515	2.2	3
36	422.2	0.489	3.4	3
39	424.4	0.466	2.2	3
42	431.1	0.445	6.7	3
45	434.4	0.426	3.3	3
48	436.6	0.409	2.2	3
51	438.8	0.393	2.2	2
54	441.1	0.378	2.3	2
X 57	442.2	0.365	1.1	2

G. COBERLY #1 / DST #1 DELTA T DELTA P



HORNER PLOT



TRILOBITE TESTING COMPANY L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 4752

Well Name & No. <u>G. Coberly #1</u>	Test No. <u>1</u>	Date <u>4-12-92</u>
Company <u>Argent Energy, Inc</u>	Zone Tested <u>160-180 L.K.O.</u>	
Address <u>110 S. Main, Wichita, Ks. 67202</u>	Elevation <u>2509 K.B.</u>	
Co. Rep./Geo. <u>Scott Oatsdean Cont. Murfin #3</u>	Est. Ft. of Pay <u>4</u>	
Location: Sec. <u>5</u> Twp. <u>15</u> Rge. <u>27</u> Co. <u>Gove</u> State <u>Ks.</u>		
No. of Copies <u>5</u> Distribution Sheet <u>Yes</u> No <u>Turnkey</u> Yes <u>No</u> Evaluation <u></u>		

Interval Tested <u>3873 - 3940</u>	Drill Pipe Size <u>4.5 XH</u>
Anchor Length <u>67</u>	Top Choke — 1" Bottom Choke — 3/4"
Top Packer Depth <u>3868</u>	Hole Size — 77/8" Rubber Size — 63/4"
Bottom Packer Depth <u>3873</u>	Wt. Pipe I.D. — 2.7 Ft. Run <u>406</u>
Total Depth <u>3940</u>	Drill Collar — 2.25 Ft. Run <u>294</u>
Mud Wt. <u>9.3</u> lb/gal.	Viscosity <u>44</u> Filtrate <u>11.6</u>

Tool Open @ 10:17 P.M. Initial Blow Weak - building to Strong - off bottom of bucket in 18 min.
 Final Blow Weak - building to Strong - off bottom of bucket in 35 min.

46 WP
94C

Recovery — Total Feet <u>360</u>	Feet of Gas in Pipe <u></u>	Flush Tool? <u></u>
Rec. <u>120</u> Feet Of <u>Sixty Gsym</u>	<u>5%</u> gas <u></u> %oil	%water <u>95</u> %mud
Rec. <u>60</u> Feet Of <u>Sixty O.C. Gsym</u>	<u>10%</u> gas <u>5%</u> oil	%water <u>85</u> %mud
Rec. <u>60</u> Feet Of <u>O.C. Gsym</u>	<u>25%</u> gas <u>30%</u> oil	%water <u>45</u> %mud
Rec. <u>60</u> Feet Of <u>O.C. Gsym</u>	<u>40%</u> gas <u>30%</u> oil	%water <u>30</u> %mud
Rec. <u>60</u> Feet Of <u>O.C. Gsym</u>	<u>50%</u> gas <u>30%</u> oil	%water <u>20</u> %mud

BHT 116 °F Gravity °API @ °F Corrected Gravity 34 °API
 RW @ °F Chlorides ppm Recovery Chlorides 1500 ppm System

(A) Initial Hydrostatic Mud <u>2004</u> PSI	AK1 Recorder No. <u>7437</u>	Range <u>4200</u>
(B) First Initial Flow Pressure <u>88</u> PSI	@ (depth) <u>3877</u>	w/Clock No. <u>8179</u>
(C) First Final Flow Pressure <u>144</u> PSI	AK1 Recorder No. <u>13849</u>	Range <u>4375</u>
(D) Initial Shut-In Pressure <u>444</u> PSI	@ (depth) <u>3936</u>	w/Clock No. <u>31152</u>
(E) Second Initial Flow Pressure <u>166</u> PSI	AK1 Recorder No. <u></u>	Range <u></u>
(F) Second Final Flow Pressure <u>200</u> PSI	@ (depth) <u></u>	w/Clock No. <u></u>
(G) Final Shut-In Pressure <u>433</u> PSI	Initial Opening <u>30</u>	Test <u>550</u>
(H) Final Hydrostatic Mud <u>1917</u> PSI	Initial Shut-In <u>45</u>	Jars <u></u>

TRILOBITE TESTING COMPANY 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 SUBSTAINED, 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 Scott A. Oatsdean
 Our Representative Dan Baner

Final Flow 45 Safety Joint X 50
 Final Shut-In 60 Straddle
 Circ. Sub
 Sampler
 Extra Packer
 Other
 TOTAL PRICE \$

TRILOBITE TESTING COMPANY, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name G. COBERLY #1 Test No. 2 Date 4/13/92
Company ARGENT ENERGY INC Zone Tested LKC/200' - 220'
Address 110 S MAIN #410 WICHITA KS 67202-3745 Elevation 2509 K.B.
Co. Rep./Geo. SCOTT OATSDEAN Cont. MURFIN #3 Est. Ft. of Pay _____
Location: Sec. 5 Twp. 15S Rge. 27W Co. GOVE State KS

Interval Tested 3940-4000
Anchor Length 60
Top Packer Depth 3935
Bottom Packer Depth 3940
Total Depth 4000

Drill Pipe Size 4.5 XH
Wt. Pipe I.D. - 2.7 Ft. Run 406
Drill Collar - 2.25 Ft. Run 294

Mud Wt. 9.1 lb / gal. Viscosity 42 Filtrate 10.4

Tool Open @ 5:02 PM Initial Blow WEAK SURFACE BLOW

Final Blow NO BLOW

Recovery — Total Feet 60 Flush Tool? NO

Rec. 60 Feet of MUD W/ SHOW OF OIL ON TOP

Rec. _____ Feet of _____

Rec. _____ Feet of _____

Rec. _____ Feet of _____

Rec. _____ Feet of _____

BHT 116 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 1500 ppm System

(A) Initial Hydrostatic Mud 2064.7 PSI AK1 Recorder No. 7437 Range 4200

(B) First Initial Flow Pressure 67.3 PSI @ (depth) 3944 w/Clock No. 8179

(C) First Final Flow Pressure 81.4 PSI AK1 Recorder No. 13849 Range 4375

(D) Initial Shut-in Pressure 922.4 PSI @ (depth) 3996 w/Clock No. 31152

(E) Second Initial Flow Pressure 104.7 PSI AK1 Recorder No. _____ Range _____

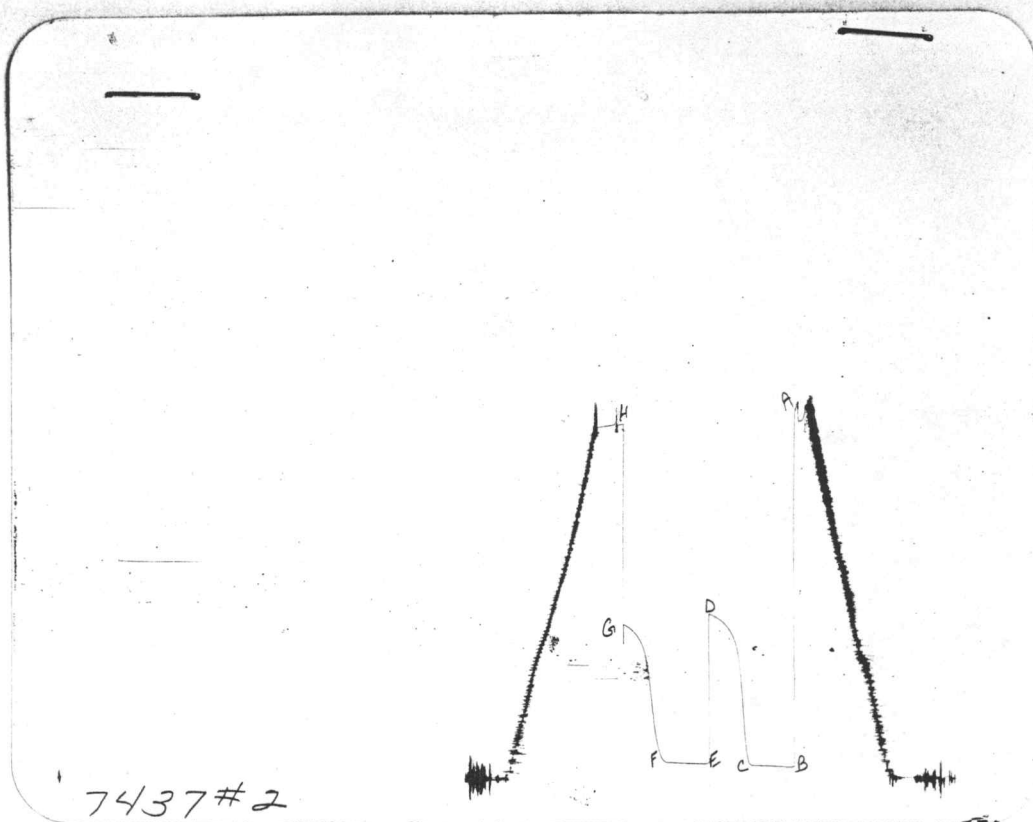
(F) Second Final Flow Pressure 104.7 PSI @ (depth) _____ w/Clock No. _____

(G) Final Shut-in Pressure 855.9 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 1963.5 PSI Initial Shut-in 30 Final Shut-in 30

Our Representative DAN BANGLE

TOTAL PRICE \$ 600



POINT

This is an actual photograph of recorder chart
PRESSURE

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2059	2064.7
(B) FIRST INITIAL FLOW PRESSURE	66	67.3
(C) FIRST FINAL FLOW PRESSURE	77	81.4
(D) INITIAL CLOSED-IN PRESSURE	918	922.4
(E) SECOND INITIAL FLOW PRESSURE	100	104.7
(F) SECOND FINAL FLOW PRESSURE	100	104.7
(G) FINAL CLOSED-IN PRESSURE	852	855.9
(H) FINAL HYDROSTATIC MUD	1960	1963.5

TRILOBITE TESTING COMPANY L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 4753

Well Name & No. <u>G. Coberly #1</u>	Test No. <u>2</u>	Date <u>4-13-92</u>
Company <u>Argent Energy, Inc.</u>	Zone Tested <u>200'-220' L.K.C.</u>	
Address _____	Elevation <u>2509 K.B.</u>	
Co. Rep./Geo. <u>SCOTT Oatsdean</u>	Cont. <u>Murfin #3</u>	Est. Ft. of Pay _____
Location: Sec. <u>5</u>	Twp. <u>15</u>	Rge. <u>27</u> Co. <u>Gove</u> State <u>Ks.</u>
No. of Copies <u>5</u>	Distribution Sheet _____	Yes _____ No _____ Turnkey _____ Yes _____ No _____ Evaluation _____

Interval Tested <u>3940 - 4000</u>	Drill Pipe Size <u>4.5 X H</u>
Anchor Length <u>60</u>	Top Choke — 1" _____ Bottom Choke — 3/4" _____
Top Packer Depth <u>3935</u>	Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____
Bottom Packer Depth <u>3940</u>	Wt. Pipe I.D. — 2.7 Ft. Run <u>406</u>
Total Depth <u>4000</u>	Drill Collar — 2.25 Ft. Run <u>294</u>
Mud Wt. <u>9.1</u> lb/gal.	Viscosity <u>42</u> Filtrate <u>10.4</u>
Tool Open @ <u>5:02 P.M.</u> Initial Blow <u>Weak surface blow.</u>	

Final Blow No blow

Recovery — Total Feet <u>60</u>	Feet of Gas in Pipe _____	Flush Tool? _____
Rec. <u>60</u> Feet Of <u>Mud w/show of oil</u>	%gas _____ %oil _____ %water _____ %mud _____	
Rec. _____ Feet Of <u>on top</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 _____	

BHT 116 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 1,500 ppm System

(A) Initial Hydrostatic Mud <u>2059</u>	PSI	AK1 Recorder No. <u>7437</u>	Range <u>4200</u>
(B) First Initial Flow Pressure <u>66</u>	PSI	@ (depth) <u>3944</u>	w/Clock No. <u>8179</u>
(C) First Final Flow Pressure <u>77</u>	PSI	AK1 Recorder No. <u>13849</u>	Range <u>4375</u>
(D) Initial Shut-In Pressure <u>918</u>	PSI	@ (depth) <u>3996</u>	w/Clock No. <u>31152</u>
(E) Second Initial Flow Pressure <u>100</u>	PSI	AK1 Recorder No. _____	Range _____
(F) Second Final Flow Pressure <u>100</u>	PSI	@ (depth) _____	w/Clock No. _____
(G) Final Shut-In Pressure <u>852</u>	PSI	Initial Opening <u>30</u>	Test _____
(H) Final Hydrostatic Mud <u>1960</u>	PSI	Initial Shut-In <u>30</u>	Jars _____

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Final Flow 30 Safety Joint X

Final Shut-In 30 Straddle _____

Circ. Sub _____

Sampler _____

Extra Packer _____

Other _____

Approved By Scott A. Oatsdean

Our Representative Dan Banga

TRILOBITE TESTING COMPANY, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name G. COBERLY #1 Test No. 3 Date 4/15/92
Company ARGENT ENERGY INC Zone Tested MISSISSIPPIAN
Address 110 S MAIN #410 WICHITA KS 67202-3745 Elevation 2507 K.B.
Co. Rep./Geo. SCOTT OATSDEAN Cont. MURFIN #3 Est. Ft. of Pay 2
Location: Sec. 5 Twp. 15S Rge. 27W Co. GOVE State KS

Interval Tested 4260-4615 Drill Pipe Size 4.5 XH
Anchor Length 55 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 4255 Drill Collar — 2.25 Ft. Run 294
Bottom Packer Depth 4260
Total Depth 4315

Mud Wt. 9.1 lb / gal. Viscosity 46 Filtrate 10.8

Tool Open @ 2:03 AM Initial Blow SURFACE BLOW WITH SLIGHT INCREASE TO 1/2"
IN 30 MINUTES

Final Blow WEAK SURFACE BLOW STEADY THROUGHOUT

Recovery — Total Feet 10 Flush Tool? NO

Rec. 2 Feet of FREE OIL

Rec. 8 Feet of OIL SPOTTED MUD

Rec. _____ Feet of _____

Rec. _____ Feet of _____

Rec. _____ Feet of _____

BHT 123 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 1500 ppm System

(A) Initial Hydrostatic Mud 2245.8 PSI AK1 Recorder No. 13309 Range 4700

(B) First Initial Flow Pressure 36.9 PSI @ (depth) 4275 w/Clock No. 27566

(C) First Final Flow Pressure 36.9 PSI AK1 Recorder No. 10332 Range 4050

(D) Initial Shut-in Pressure 1117.8 PSI @ (depth) 4310 w/Clock No. 21058

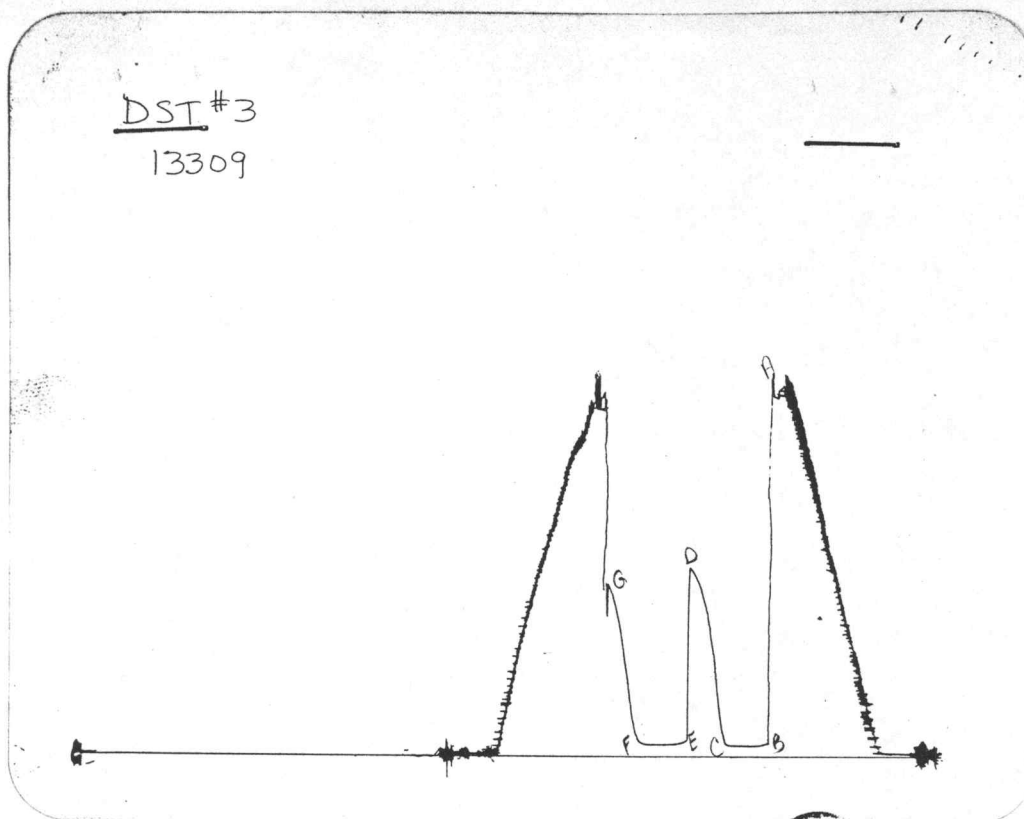
(E) Second Initial Flow Pressure 50.2 PSI AK1 Recorder No. _____ Range _____

(F) Second Final Flow Pressure 61.8 PSI @ (depth) _____ w/Clock No. _____

(G) Final Shut-in Pressure 1013.1 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 2185.7 PSI Initial Shut-in 30 Final Shut-in 30

Our Representative ROD STEINBRINK TOTAL PRICE \$ 600



POINT This is an actual photograph of recorder chart
PRESSURE

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2241	2245.8
(B) FIRST INITIAL FLOW PRESSURE	35	36.9
(C) FIRST FINAL FLOW PRESSURE	35	36.9
(D) INITIAL CLOSED-IN PRESSURE	1114	1117.8
(E) SECOND INITIAL FLOW PRESSURE	47	50.2
(F) SECOND FINAL FLOW PRESSURE	58	61.8
(G) FINAL CLOSED-IN PRESSURE	1009	1013.1
(H) FINAL HYDROSTATIC MUD	2183	2185.7

TRILOBITE TESTING COMPANY L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 4600

Well Name & No.	Coberly #1	Test No.	3	Date	4-15-92
Company	Argent Energy, Inc.	Zone Tested	Mississippian		
Address	110 S. Main #510	Wichita, KS. 67202	Elevation	2507 (KB)	
Co. Rep./Geo.	Scott Oatsdean	cont.	Murfin #3	Est. Ft. of Pay	2'
Location: Sec.	5	Twp.	15 S	Rge.	27 W
		co.	Gove	State	KS.
No. of Copies		Distribution Sheet	Yes	No	Turnkey
			Yes	X	No
					Evaluation

Interval Tested	4260 - 4315	Drill Pipe Size	4 1/2" XH
Anchor Length	55'	Top Choke — 1"	Bottom Choke — 3/4"
Top Packer Depth	4255	Hole Size — 7 7/8"	Rubber Size — 6 3/4"
Bottom Packer Depth	4260	Wt. Pipe I.D. — 2.7 Ft. Run	
Total Depth	4315	Drill Collar — 2.25 Ft. Run	294'
Mud Wt.	9.1	lb/gal.	Viscosity 46
			Filtrate 10.8
Tool Open @	2:03 am	Initial Blow	Surface blow with slight increase to 1/2" (30 mins)

Final Blow Weak surface blow steady throughout

Recovery — Total Feet	10'	Feet of Gas in Pipe		Flush Tool?	No
Rec.		Feet Of	%gas	%oil	%water
Rec.	2'	Feet Of	Free Oil	%gas	%oil
Rec.		Feet Of	%gas	%oil	%water
Rec.	8'	Feet Of	Oil Spotted Mud	%gas	%oil
Rec.		Feet Of	%gas	%oil	%water

BHT 123° °F Gravity °API @ °F Corrected Gravity °API

RW @ °F Chlorides ppm Recovery Chlorides 1,500 ppm System

(A) Initial Hydrostatic Mud 2241 PSI AK1 Recorder No. 13309 Range 4700

(B) First Initial Flow Pressure 35 PSI @ (depth) 4275 w/Clock No. 27566

(C) First Final Flow Pressure 35 PSI AK1 Recorder No. 10332 Range 4050

(D) Initial Shut-In Pressure 1114 PSI @ (depth) 4310 w/Clock No. 21058

(E) Second Initial Flow Pressure 47 PSI AK1 Recorder No. — Range —

(F) Second Final Flow Pressure 58 PSI @ (depth) — w/Clock No. —

(G) Final Shut-In Pressure 1009 PSI Initial Opening 30 Test

(H) Final Hydrostatic Mud 2183 PSI Initial Shut-In 30 Jars

TRILOBITE TESTING COMPANY 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 SUBSTAINED, 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.

Final Flow 30 Safety Joint X

Final Shut-In 30 Straddle

Circ. Sub X N/C

Sampler

Extra Packer

Other

TOTAL PRICE \$

Approved By Scott A. Oatsdean

Our Representative Rod Steinbrink

TRILOBITE TESTING COMPANY, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name G. COBERLY #1 Test No. 4 Date 4/15/92
Company ARGENT ENERGY INC Zone Tested MISSISSIPPIAN
Address 110 S MAIN #410 WICHITA KS 67202-3745 Elevation 2507 K.B.
Co. Rep./Geo. SCOTT OATSDEAN Cont. MURFIN #3 Est. Ft. of Pay 7
Location: Sec. 5 Twp. 15S Rge. 27W Co. GOVE State KS

Interval Tested 4315-4325 Drill Pipe Size 4.5 XH
Anchor Length 10 Wt. Pipe I.D. - 2.7 Ft. Run 437
Top Packer Depth 4310 Drill Collar — 2.25 Ft. Run 294
Bottom Packer Depth 4315
Total Depth 4325

Mud Wt. 9.2 lb / gal. Viscosity 50 Filtrate 10.8

Tool Open @ 2:26 PM Initial Blow SURFACE BLOW SLOWLY BUILT TO 1"

Final Blow WEAK SURFACE RETURN STEADY THROUGHOUT

Recovery — Total Feet 90 Flush Tool? NO

Rec. 90 Feet of MUDDY WATER

Rec. _____ Feet of _____

Rec. _____ Feet of _____

Rec. _____ Feet of _____

Rec. _____ Feet of _____

BHT 124 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

RW 0.65 @ 70 °F Chlorides 9500 ppm Recovery Chlorides 2000 ppm System

(A) Initial Hydrostatic Mud 2223.6 PSI AK1 Recorder No. 13615 Range 4575

(B) First Initial Flow Pressure 36.9 PSI @ (depth) 4317 w/Clock No. 20272

(C) First Final Flow Pressure 50.2 PSI AK1 Recorder No. 13309 Range 4700

(D) Initial Shut-in Pressure 1210.4 PSI @ (depth) 4320 w/Clock No. 27566

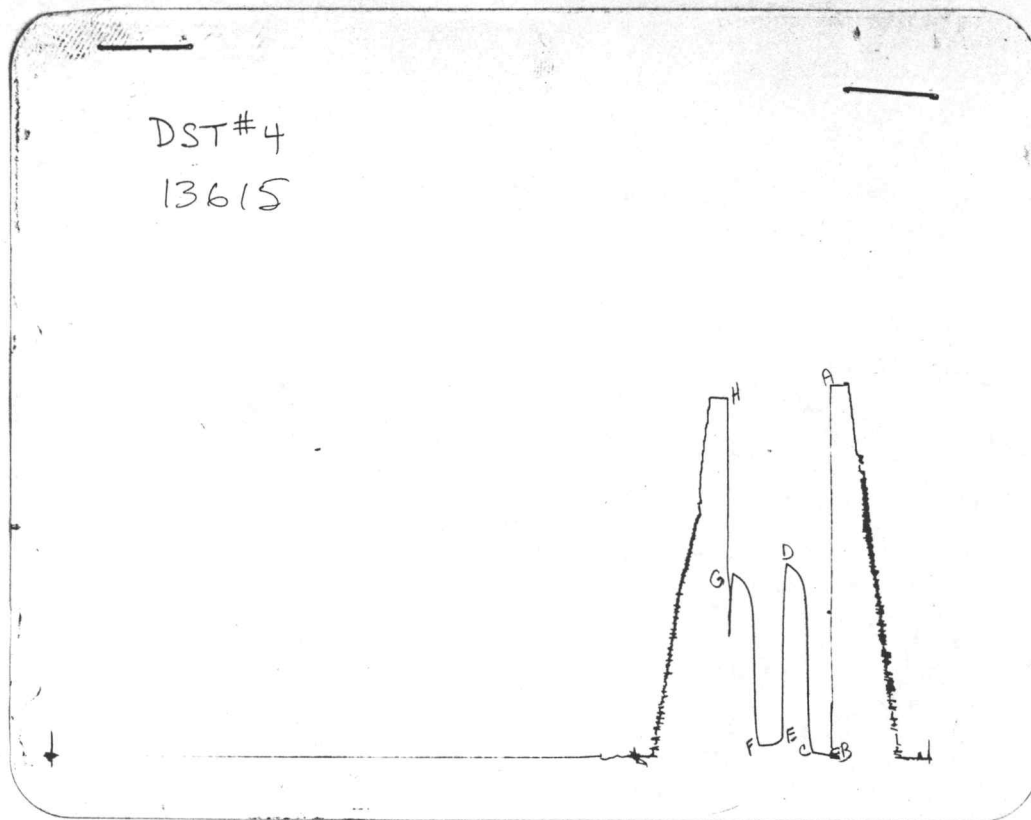
(E) Second Initial Flow Pressure 61.8 PSI AK1 Recorder No. _____ Range _____

(F) Second Final Flow Pressure 74.5 PSI @ (depth) _____ w/Clock No. _____

(G) Final Shut-in Pressure 1152.6 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 2177.4 PSI Initial Shut-in 30 Final Shut-In 30

Our Representative ROD STEINBRINK TOTAL PRICE \$ 600



POINT

This is an actual photograph of recorder chart
PRESSURE

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2218	2223.6
(B) FIRST INITIAL FLOW PRESSURE	35	36.9
(C) FIRST FINAL FLOW PRESSURE	47	50.2
(D) INITIAL CLOSED-IN PRESSURE	1207	1210.4
(E) SECOND INITIAL FLOW PRESSURE	58	61.8
(F) SECOND FINAL FLOW PRESSURE	70	74.5
(G) FINAL CLOSED-IN PRESSURE	1149	1152.6
(H) FINAL HYDROSTATIC MUD	2171	2177.4

TRILOBITE TESTING COMPANY L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 4626

Well Name & No.	Coberly #1	Test No.	4	Date	4-15-92
Company	Argent Energy, Inc.	Zone Tested	Mississippian		
Address	110 S. Main #510 Wichita, KS. 67202	Elevation	2507 (KB)		
Co. Rep./Geo.	Scott Oatsdean	cont.	Murfin #3	Est. Ft. of Pay	7'
Location: Sec.	5	Twp.	15 S	Rge.	27 W
		co.	Gove	state	KS.
No. of Copies	Distribution Sheet	Yes	No	Turnkey	Yes X No
					Evaluation

Interval Tested	4315 - 4325	Drill Pipe Size	4 1/2" XH
Anchor Length	10'	Top Choke — 1"	Bottom Choke — 3/4"
Top Packer Depth	4310	Hole Size — 7 7/8"	Rubber Size — 6 3/4"
Bottom Packer Depth	4315	Wt. Pipe I.D. — 2.7 Ft. Run	437'
Total Depth	4325	Drill Collar — 2.25 Ft. Run	294'
Mud Wt.	9.2	lb/gal.	Viscosity 50 Filtrate 10.8
Tool Open @	2:26 pm	Initial Blow	Surface blow slowly built to 1".

Final Blow Weak surface return steady throughout.

Recovery — Total Feet	90'	Feet of Gas in Pipe		Flush Tool?	No
Rec.		Feet Of	%gas	%oil	%water
Rec.	90'	Feet Of	Muddy Water	%gas	%oil
Rec.		Feet Of		%gas	%oil
Rec.		Feet Of		%gas	%oil
Rec.		Feet Of		%gas	%oil

BHT	124°	°F Gravity		°API @		°F Corrected Gravity		°API
RW	.65	@	70	°F Chlorides	9,500	ppm Recovery	Chlorides	2,000
(A) Initial Hydrostatic Mud	2218	PSI	AK1 Recorder No.	13615	Range	4575		
(B) First Initial Flow Pressure	35	PSI	@ (depth)	4317	w/Clock No.	20272		
(C) First Final Flow Pressure	47	PSI	AK1 Recorder No.	13309	Range	4700		
(D) Initial Shut-In Pressure	1207	PSI	@ (depth)	4320	w/Clock No.	27566		
(E) Second Initial Flow Pressure	58	PSI	AK1 Recorder No.		Range			
(F) Second Final Flow Pressure	70	PSI	@ (depth)		w/Clock No.			
(G) Final Shut-In Pressure	1149	PSI	Initial Opening	30	Test			
(H) Final Hydrostatic Mud	2171	PSI	Initial Shut-In	30	Jars			

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Approved By Scott A. Oatsdean

Our Representative Rod Steinbrink

Final Flow 30 Safety Joint X
 Final Shut-In 30 Straddle _____
 Circ. Sub X N/C _____
 Sampler _____
 Extra Packer _____
 Other _____

TOTAL PRICE \$ _____