

35-32s-41w

Computer Inventoried

ORIGINAL

WELL NAME:

Bowker "D" 1-35

COMPANY:

Berexco Inc.

LOCATION:

35-32s-41w

Morton County, Kansas

DATE:

7/2/98

15-129-21560

RECEIVED
STATE CORPORATION COMMISSION

JAN 11 1999

CONSERVATION DIVISION
Wichita, Kansas

35-32s-41w

ORIGINAL

TRILOBITE TESTING L.L.C.

OPERATOR : Berexco Inc.

DATE 6-25-98

WELL NAME: Bowker "D" 1-35

KB 3434.00 ft

TICKET NO: 10755 DST #1

LOCATION : 35-32S-41W Morton co. KS

GR 3422.00 ft

FORMATION: Toronto

INTERVAL : 3544.00 To 3563.00 ft

TD 3563.00 ft

TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 15 Rec.	10242	10242	13630			PF Fr. 2210 to 2225 hr
SI 30 Range(Psi)	4175.0	4175.0	4625.0	0.0	0.0	IS Fr. 2225 to 2255 hr
SF 60 Clock(hrs)	12	12	12			SF Fr. 2255 to 2355 hr
FS 120 Depth(ft)	3552.0	3552.0	3560.0	0.0	0.0	FS Fr. 2355 to 0155 hr

	Field	1	2	3	4	
A. Init Hydro	1679.0	1688.0	0.0	0.0	0.0	T STARTED 2000 hr
B. First Flow	11.0	3.0	0.0	0.0	0.0	T ON BOTM 2205 hr
B1. Final Flow	25.0	3.0	0.0	0.0	0.0	T OPEN 2210 hr
C. In Shut-in	628.0	652.0	0.0	0.0	0.0	T PULLED 0155 hr
D. Init Flow	44.0	64.0	0.0	0.0	0.0	T OUT 0430 hr
E. Final Flow	119.0	135.0	0.0	0.0	0.0	
F. Fl Shut-in	640.0	652.0	0.0	0.0	0.0	
G. Final Hydro	1674.0	1685.0	0.0	0.0	0.0	
Inside/Outside	0	0	I			

RECOVERY

Tot Fluid 360.00 ft of 360.00 ft in DC and 0.00 ft in DP

90.00 ft of Mud cut water 62% water 38% mud

270.00 ft of Slight mud cut water 88% water 12% 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 45000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:

Surface blow built to 3" in bucket
in 15 mins.

Final Flow:

Surface blow, built to 3" in bucket
in 60 mins.

SAMPLES:

SENT TO:

TOOL DATA-----	
Tool Wt.	1600.00 lbs
Wt Set On Packer	22000.00 lbs
Wt Pulled Loose	12000.00 lbs
Initial Str Wt	76000.00 lbs
Unseated Str Wt	78000.00 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	708.00 ft
D.P. Length	2830.00 ft

MUD DATA-----	
Mud Type	Chemical
Weight	9.00 lb/cf
Vis.	40.00 S/L
W.L.	22.80 in3
F.C.	0.00 in
Mud Drop	

Amt. of fill	0.00 ft
Btm. H. Temp.	102.00 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	Lanny Saloga
Co. Rep.	John Hastings
Contr.	Beredco
Rig #	2
Unit #	
Pump T.	

Test Successful: Y

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 10755

Well Name & No. Bunker "B" 1-35 Test No. 1 Date 6-25-98
Company Berexco Inc. Zone Tested Tamato
Address OK City OK Elevation 3434 KB 3422 GL
Co. Rep / Geo. John Hastings Cont. Bernado Sig 2 Est. Ft. of Pay 7 Por. 20 %
Location: Sec. 35 Twp. 32.5 Rge. 4/W Co. Martin State KS
No. of Copies ? Distribution Sheet (Y, N) Co 11 Berexco Turnkey (Y, N) No Evaluation (Y, N)

Interval Tested 3544-3563 Initial Str Wt./Lbs. 76,000 Unseated Str Wt./Lbs. 78,000
Anchor Length 19' Tool = 22' Wt. Set Lbs. 22,000 Wt. Pulled Loose/Lbs. 12,000
Top Packer Depth 3539 Tool Weight 1,600
Bottom Packer Depth 3544 Hole Size — 7 7/8" Rubber Size — 6 3/4"
Total Depth 3563 Wt. Pipe Run — Drill Collar Run 708
Mud Wt. 9.0 LCM 5# Vis. 440 WL 22.8 ³⁰⁺¹ Drill Pipe Size 4 1/2 x N Ft. Run 2830 16' up
Blow Description Surface blow, built to 3" in bucket 15 min. T.F.P.

Surface blow, built to 3" in bucket 60 min. F.F.P.

Recovery — Total Feet	GIP	Ft. in DC	Ft. in DP
Rec. <u>90</u> Feet Of <u>Mud cut Wt.</u>	<u>0</u>	<u>360</u>	<u>0</u>
Rec. <u>270</u> Feet Of <u>Slit Mud cut Wt.</u>			
Rec. <u></u> Feet Of <u></u>			
Rec. <u></u> Feet Of <u></u>			
Rec. <u></u> Feet Of <u></u>			

BHT 102 °F Gravity — °API D@ — °F Corrected Gravity — °API
RW 0.18 @ 73 °F Chlorides 44,500 ppm Recovery Chlorides 900 ppm System
(A) Initial Hydrostatic Mud 1679 PSI Recorder No. 10242 T-Started 8:00 P.M.
(B) First Initial Flow Pressure 11 PSI (depth) 3552 T-Open 10:10 P.M.
(C) First Final Flow Pressure 25 PSI Recorder No. 13630 T-Pulled 1:55 A.M.
(D) Initial Shut-in Pressure 628 PSI (depth) 3560 T-Out 4:30 A.M.
(E) Second Initial Flow Pressure 44 PSI Recorder No. —
(F) Second Final Flow Pressure 119 PSI (depth) —
(G) Final Shut-in Pressure 640 PSI Initial Opening 15 Test 1 600 ✓
(H) Final Hydrostatic Mud 1674 PSI Initial Shut-in 30 Jars —

Rec # 10242

Final Flow 60 Safety Joint 150 ✓
Final Shut-in 120 Straddle —

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.

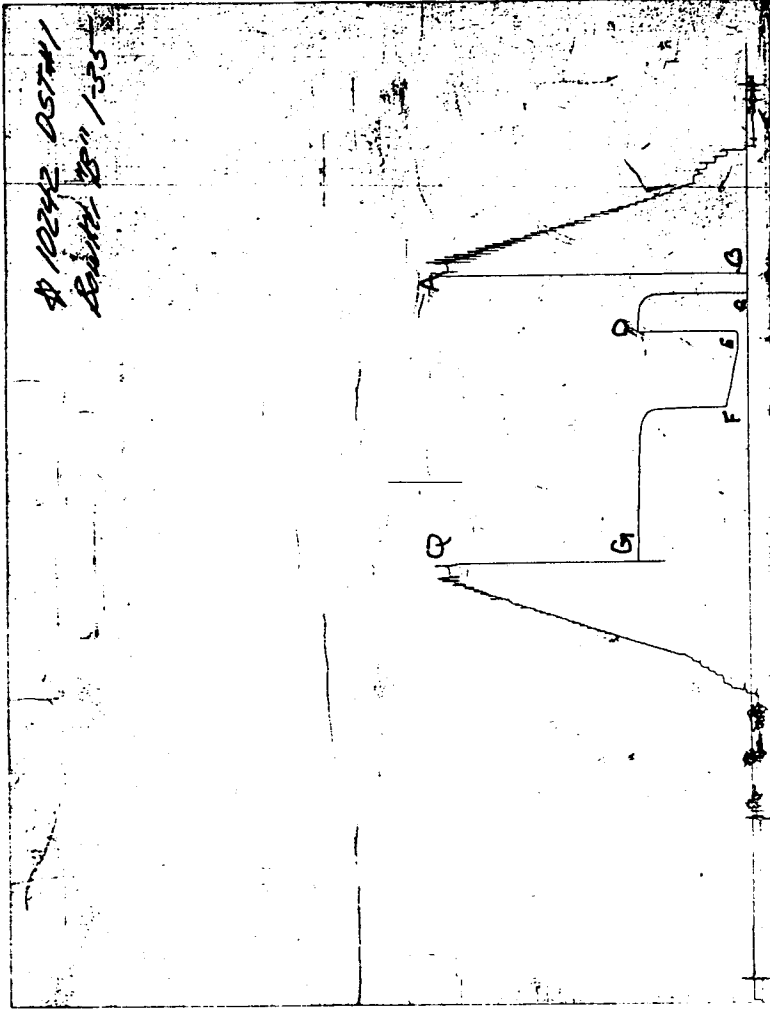
Approved By

Our Representative

Circ. Sub ✓
Sampler —
Extra Packer —
Elect. Rec. —
Other —

TOTAL PRICE \$ 1050

CHART PAGE



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

TRILOBITE TESTING L.L.C.

OPERATOR : Berexco Inc.

DATE 6-26-98

WELL NAME: Bowker "D" 1-35

KB 3434.00 ft

TICKET NO: 10756

DST #2

LOCATION : 35-32S-41W Morton co. KS

GR 3422.00 ft

FORMATION: Wyandotte

INTERVAL : 3779.00 To 3794.00 ft

TD 3794.00 ft

TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4
PF 15 Rec.	10242	10242	13630		
SI 30 Range(Psi)	4175.0	4175.0	4625.0	0.0	0.0
SF 60 Clock(hrs)	12	12	12		
FS 120 Depth(ft)	3782.0	3782.0	3791.0	0.0	0.0

TIME DATA-----

PF Fr. 2315 to 2330 hr
 IS Fr. 2330 to 0000 hr
 SF Fr. 0000 to 0100 hr
 FS Fr. 0100 to 0300 hr

	Field	1	2	3	4
A. Init Hydro	1813.0	1834.0	0.0	0.0	0.0
B. First Flow	25.0	35.0	0.0	0.0	0.0
B1. Final Flow	25.0	35.0	0.0	0.0	0.0
C. In Shut-in	802.0	816.0	0.0	0.0	0.0
D. Init Flow	25.0	35.0	0.0	0.0	0.0
E. Final Flow	28.0	39.0	0.0	0.0	0.0
F. Fl Shut-in	795.0	783.0	0.0	0.0	0.0
G. Final Hydro	1792.0	1789.0	0.0	0.0	0.0
Inside/Outside	0	0	I		

T STARTED 2135 hr
 T ON BOTM 2310 hr
 T OPEN 2315 hr
 T PULLED 0300 hr
 T OUT 1200 hr

TOOL DATA-----

Tool Wt. 1600.00 lbs
 Wt Set On Packer 22000.00 lbs
 Wt Pulled Loose 100000.00 lbs
 Initial Str Wt 80000.00 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 708.00 ft
 D.P. Length 3078.00 ft

RECOVERY

Tot Fluid 90.00 ft of 90.00 ft in DC and 0.00 ft in DP
 3696.00 ft of Gas in pipe
 90.00 ft of Slight gassy watery cut mud
 0.00 ft of 3% gas 14% water 83% mud
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of

SALINITY 13200.00 P.P.M. A.P.I. Gravity 0.00

MUD DATA-----

Mud Type Chemical
 Weight 9.00 lb/cf
 Vis. 42.00 S/L
 W.L. 14.40 in3
 F.C. 0.00 in
 Mud Drop

BLOW DESCRIPTION

Initial Flow:

Strong, off bottom of bucket
 immediately gas to surface in 10 mins

Initial Shut-in:

No blow back

Final Flow:

See flow chart

Final Shut-in:

No blow back

Wall stuck, spotted oil, pulled loose
 at 9:30 AM

SAMPLES:

SENT TO:

Amt. of fill 0.00 ft
 Btm. H. Temp. 103.00 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 Lanny Saloga
 Co. Rep. John Hastings
 Contr. Beredco
 Rig # 2
 Unit #
 Pump T.

Test Successful: Y

GAS RECOVERY

MPANY: Berexco Inc.

DATE: 6-26-98

LL NAME: Bowker "B" 1-35

KB Elev: 3434.00 ft TICKET #10756 DST #2

LL LOCATION: 35-32S-41W Morton co. KS

GR Elev: 3422.00 ft FORMATION: Wyandotte

PERVAL Fr.: 3779.00 To 3794.00 T.D.: 3794.00 ft TEST TYPE: CONV

3 RECOVERY MEASURED WITH Merla gauge

*** GAS RATES FOR FLOW #1

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
15	0.75	0	32	80300.0

** GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
5	1.00	0	24	126000.0
10	1.00	0	22	121000.0
20	1.00	0	26	132000.0
30	1.00	0	30	141000.0
40	1.00	0	32	146000.0
50	1.00	0	34	151000.0
60	1.00	0	38	159000.0

NATURAL GAS ANALYSIS REPORT

Sampled by:
Trilobite Testing, L. L. C.
Hays, Kansas
Scott City, Kansas
Phone: 800-728-5369
Fax: 913-625-5620

Analyzed by:
Caraway Analytical, Inc
P. O. Box 2137
Liberal, Kansas 67905
Phone: 316-624-5389
Fax: 316-626-7108

Lab Number:	982579	Analyzed:	07/01/98
Sample From:	Bowker D 1-35 DST 2	Pressure:	
Producer:	Berexco, Inc.	Temperature:	
Date:	06/26/98	Location:	35-32-41
Time:		County:	Finney
Sampler:		State:	Kansas
Source:		Formation:	Wyandotte

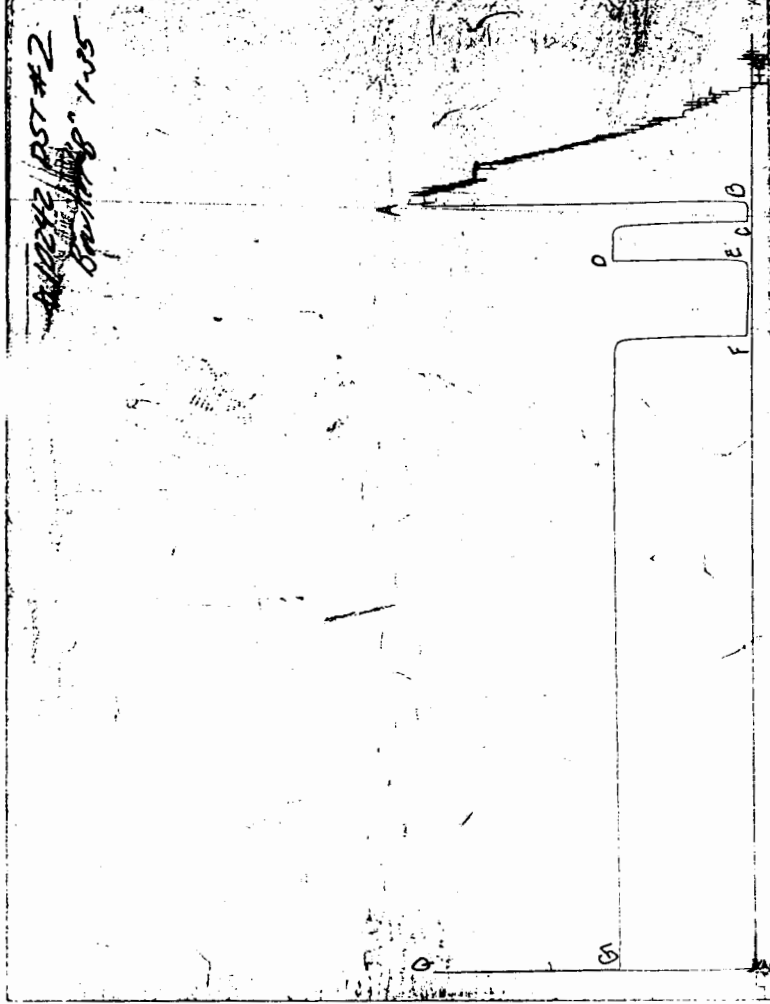
	Mole %	GPM
Helium	He: 0.445	0.000
Hydrogen	H2: 0.003	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 24.497	0.000
Carbon Dioxide	CO2: 0.135	0.000
Methane	C1: 68.361	0.000
Ethane	C2: 4.381	1.172
Propane	C3: 1.422	0.392
Iso Butane	iC4: 0.196	0.064
Normal Butane	nC4: 0.328	0.103
Iso Pentane	iC5: 0.107	0.039
Normal Pentane	nC5: 0.073	0.026
Hexanes Plus	C6+: 0.052	0.023

TOTAL: 100.000 1.819
Z Fact: 0.9983
SP.GR.: 0.7036
BTU (SAT): 819.5 @ 14.73 psia
BTU (DRY): 834.0 @ 14.73 psia
OCTANE RATING: 95.4

COMMENTS:

0.000

CHART PAGE



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



**RILOBITE
TESTING L.L.C.**

P.O. Box 362 • Hays, Kansas 67601 • (913) 625-4778

GAS VOLUME REPORT

Beregas Tax
OPERATOR

Rowker "B" 1-35

2
DST NO.

GTS 10 min. into I.F.R

I.F.P.

后后后

[illegible]

Remarks: Gas Burned
1 Sample Caught To: Coranary in Libera/

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No. 10756

Well Name & No. <u>Bowker "B" 1-35</u>	Test No. <u>2</u>	Date <u>6-26-98</u>
Company <u>Berexco Inc.</u>	Zone Tested <u>Wyandotte</u>	
Address <u>OK City OK</u>	Elevation <u>3434</u>	KB <u>3422</u> GL
Co. Rep / Geo. <u>John Hastings</u>	Cont. <u>Berexco Rig 2</u>	Est. Ft. of Pay <u>11</u> Por. <u>20</u> %
Location: Sec. <u>35</u>	Twp. <u>32S</u>	Rge. <u>41W</u> Co. <u>Morton</u> State <u>Ks</u>
No. of Copies <u>?</u>	Distribution Sheet (Y, N) <u>call Berexco</u>	Turnkey (Y, N) <u>N</u> Evaluation (Y, N) <u></u>

Interval Tested 3779-3794 Initial Str Wt./Lbs. 80,000 Unseated Str Wt./Lbs. ?
Anchor Length 15' Tail = 22 Wt. Set Lbs. 22,000 Wt. Pulled Loose/Lbs. 100,000
Top Packer Depth 3774 Tool Weight 1,600
Bottom Packer Depth 3779 Hole Size — 7 7/8" Rubber Size — 6 3/4"
Total Depth 3794 Wt. Pipe Run 8 Drill Collar Run 708
Mud Wt. 9.0 LCM 3# Vis. 4/2 WL 14.4 Drill Pipe Size 4 1/2 KH Ft. Run 3078 29' up
Blow Description Strong, ORB immad. GTS in 10 min. See Flow Chart. T.F.P.
No blow-back. T.S. T.P.
See Flow Chart. F.F.P.
No blow-back. F.S. T.P. "Wall stuck, Spotted Oil, Pulled loose 9:30 A.M."
Recovery — Total Feet 90 GIP 3,696 Ft. in DC 90 Ft. in DP 0
Rec. 90 Feet Of 5li. Gas, 44% cut mud 3 %gas %oil 14 %water 83 %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 103 °F Gravity _____ °API D@ _____ °F Corrected Gravity _____ °API
RW 0.37 @ 91 °F Chlorides 13,200 ppm Recovery Chlorides 1,300 ppm System
(A) Initial Hydrostatic Mud 1813 PSI Recorder No. 10242 T-Started 9:35 P.M.
(B) First Initial Flow Pressure 25 PSI (depth) 3782 T-Open 11:15 P.M.
(C) First Final Flow Pressure 25 PSI Recorder No. 13630 T-Pulled 3:00 A.M.
(D) Initial Shut-in Pressure 802 PSI (depth) 3791 T-Out 12:00 P.M.
(E) Second Initial Flow Pressure 25 PSI Recorder No. _____
(F) Second Final Flow Pressure 28 PSI (depth) _____
(G) Final Shut-in Pressure 785 PSI Initial Opening 15 Test 1600 ✓
(H) Final Hydrostatic Mud 1792 PSI Initial Shut-in 30 Jars _____
Final Flow 60 Safety Joint 150 ✓
Final Shut-in 120 Straddle _____
Circ. Sub 1 ✓
Sampler _____
Extra Packer _____
Elect. Rec. _____
Other _____

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

