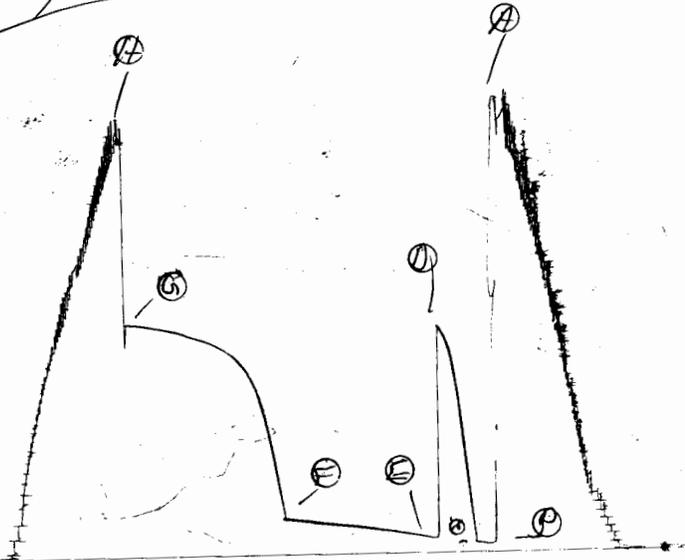


KT 19/05

#3849 DST 1

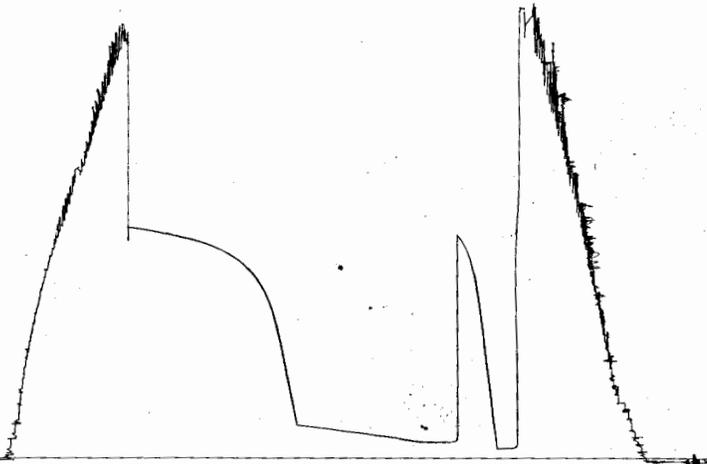
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KT 19/05

2604 DST 1

O





WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No 19105

P. O. BOX 1599 PHONE (316) 262-5861
WICHITA, KANSAS 67201

Elevation 2880 K.B. Formation Marmaton Eff. Pay Ft.

District Garden City Date 5-9-93 Customer Order No.

COMPANY NAME Berexco Inc.

ADDRESS 970 Fourth Financial Center Wichita, KS. 67202

LEASE AND WELL NO Edna "B" 1-25 COUNTY Sedgewick STATE KS. Sec 25 Twp 31S Rge 33W

Mail Invoice To Berexco Inc. Co. Name Same Address #1-25 Edna B. No. Copies Requested 100

Mail Charts To See Dist. Sheet. Address #1-25 Edna B. No. Copies Requested 100

Formation Test No. 1 Interval Tested From 4918 ft. to 4930 ft. Total Depth 4930 ft.

Packer Depth 4913 ft. Size 6 5/8 in. Packer Depth ft. Size in.

Packer Depth 4918 ft. Size 6 5/8 in. Packer Depth ft. Size in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4920 ft. Recorder Number 3849 Cap. 4200

Bottom Recorder Depth (Outside) 4923 ft. Recorder Number 2604 Cap. 4150

Below Straddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor Berexco Rig 2 Drill Collar Length 610 I. D. 2 1/4 in.

Mud Type Chem Viscosity 52 Weight Pipe Length I. D. in.

Weight 9.2 Water Loss 7.6 cc. Drill Pipe Length 4286 I. D. 3.8 in.

Chlorides 1850 P.P.M. Test Tool Length 22 ft. Tool Size 5 1/2 in.

Jars: Make Serial Number Anchor Length 12 ft. Size 5 1/2 in.

Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 x 1 1/2 in.

Blow: Strong "B.O.B." in 30 Sec. I.F.

Strong in 1 Min. + throughout F.F.

Recovered 2,375 ft. of G.I.P.

Recovered 150 ft. of Volatery Mud cut Gassy Oil 24% Oil 24% Gas 10% WTR. 42% mud

Recovered 235 ft. of Soft WTR 118,000 P.P.M.

Recovered ft. of

Recovered ft. of Total Fluid Rec. 385'

Chlorides 118,000 P.P.M. Sample Jars used Remarks: MAY 14 1993

Time On Location 10:15 A.M. P.M. Time Pick Up Tool 11:45 A.M. P.M. Time Off Location A.M. P.M.

Time Set Packer(s) 1:30 A.M. P.M. Time Started Off Bottom 6:15 A.M. P.M. Maximum Temperature 122°F

Initial Hydrostatic Pressure (A) 2411 P.S.I.

Initial Flow Period Minutes 15 (B) 36 P.S.I. to (C) 53 P.S.I.

Initial Closed In Period Minutes 30 (D) 1240 P.S.I.

Final Flow Period Minutes 120 (E) 72 P.S.I. to (F) 200 P.S.I.

Final Closed In Period Minutes 120 (G) 1271 P.S.I.

Final Hydrostatic Pressure (H) 2328 P.S.I.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to 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, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By [Signature] Signature of Customer or his authorized representative

Western Representative [Signature]

FIELD INVOICE

- Open Hole Test \$
Misrun \$
Straddle Test \$
Jars \$
Selective Zone \$
Safety Joint \$
Standby \$
Evaluation \$
Extra Packer \$
Circ. Sub. \$
Mileage \$
Fluid Sampler \$
Extra Charts \$
Insurance \$
Telecopier \$

Pressure Data

Date 5-9-92

Test Ticker No. 19105

Recorder No. 2849

Capacity _____ Location _____

Clock No. _____ Elevation _____ Well Temperature _____

Point	Pressure	Open Tool	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2489</u> P.S.I.			
B First Initial Flow Pressure	<u>50</u> P.S.I.	First Flow Pressure	Mins <u>15</u>	Mi _____
C First Final Flow Pressure	<u>62</u> P.S.I.	Initial Closed-in Pressure	Mins <u>30</u>	Mi _____
D Initial Closed-in Pressure	<u>150</u> P.S.I.	Second Flow Pressure	Mins <u>15</u>	Mi _____
E Second Initial Flow Pressure	<u>85</u> P.S.I.	Final Closed-in Pressure	Mins <u>120</u>	Mi _____
F Second Final Flow Pressure	<u>211</u> P.S.I.			
G Final Closed-in Pressure	<u>1280</u> P.S.I.			
H Final Hydrostatic Mud	<u>2385</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure Breakdown: _____ Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Initial Shut-In Breakdown: _____ Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.		Second Flow Pressure Breakdown: _____ Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Final Shut-In Breakdown: _____ Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	<u>50</u>	0	<u>62</u>	0	<u>85</u>	0	<u>211</u>
P 2 5	<u>50</u>	3	<u>227</u>	5	<u>88</u>	3	<u>323</u>
P 3 10	<u>56</u>	6	<u>290</u>	10	<u>98</u>	6	<u>452</u>
P 4 15	<u>62</u>	9	<u>561</u>	15	<u>108</u>	9	<u>552</u>
P 5 20		12	<u>720</u>	20	<u>114</u>	12	<u>651</u>
P 6 25		15	<u>879</u>	25	<u>121</u>	15	<u>725</u>
P 7 30		18	<u>1061</u>	30	<u>127</u>	18	<u>805</u>
P 8 35		21	<u>1151</u>	35	<u>134</u>	21	<u>882</u>
P 9 40		24	<u>1199</u>	40 <u>142</u>	140	24	<u>942</u>
P10 45		27	<u>1234</u>	45	<u>147</u>	27	<u>987</u>
P11 50		30	<u>1250</u>	50	<u>151</u>	30	<u>1022</u>
P12 55		33		55	<u>155</u>	33	<u>1051</u>
P13 60		36		60	<u>160</u>	36	<u>1075</u>
P14 65		39		65	<u>165</u>	39	<u>1096</u>
P15 70		42		70	<u>172</u>	42	<u>1112</u>
P16 75		45		75	<u>176</u>	45	<u>1126</u>
P17 80		48		80	<u>179</u>	48	<u>1142</u>
P18 85		51		85	<u>182</u>	51	<u>1155</u>
P19 90		54		90	<u>189</u>	54	<u>1165</u>
P20 95		57		95	<u>194</u>	57	<u>1174</u>
100		60		100	<u>198</u>	60	<u>1184</u>
				105 <u>203</u>	200		
				110	<u>208</u>		
				115			

WESTERN TESTING CO., INC.

Pressure Data

Date _____ Test Ticket No. 19105
 Recorder No. _____ Capacity _____ Location _____ Ft.
 Clock No. _____ Elevation _____ Well Temperature _____ °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud _____	P.S.I.	Open Tool	_____	M _____
B First Initial Flow Pressure _____	P.S.I.	First Flow Pressure	_____	Mins. _____ Mins.
C First Final Flow Pressure _____	P.S.I.	Initial Closed-in Pressure	_____	Mins. _____ Mins.
D Initial Closed-in Pressure _____	P.S.I.	Second Flow Pressure	_____	Mins. _____ Mins.
E Second Initial Flow Pressure _____	P.S.I.	Final Closed-in Pressure	_____	Mins. _____ Mins.
F Second Final Flow Pressure _____	P.S.I.			
G Final Closed-in Pressure _____	P.S.I.			
H Final Hydrostatic Mud _____	P.S.I.			

PRESSURE BREAKDOWN

Point Mins.	First Flow Pressure	Initial Shut-In	Second Flow Pressure	Final Shut-In			
	Breakdown: _____ Inc.	Breakdown: _____ Inc.	Breakdown: _____ Inc.	Breakdown: _____ Inc.			
	of _____ mins. and a final inc. of _____ Min.	of _____ mins. and a final inc. of _____ Min.	of _____ mins. and a final inc. of _____ Min.	of _____ mins. and a final inc. of _____ Min.			
	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	105	63	105	63	<u>1192</u>		
P 2	110	66	110	66	<u>1197</u>		
P 3	115	69	115	69	<u>1205</u>		
P 4	120	72	120	72	<u>1214</u>		
P 5	125	75	125	75	<u>1222</u>		
P 6	130	78	130	78	<u>1230</u>		
P 7	135	81	135	81	<u>1236</u>		
P 8	140	84	140	84	<u>1242</u>		
P 9	145	87	145	87	<u>1247</u>		
P10	150	90	150	90	<u>1251</u>		
P11	155	93	155	93	<u>1256</u>		
P12	160	96	160	96	<u>1259</u>		
P13	165	99	165	99	<u>1262</u>		
P14	170	102	170	102	<u>1266</u>		
P15	175	105	175	105	<u>1270</u>		
P16	180	108	180	108	<u>1274</u>		
P17	185	111	185	111	<u>1277</u>		
P18	190	114	190	114	<u>1278</u>		
P19	195	117	195	117	<u>1279</u>		
P20	200	120	200	120	<u>1280</u>		

TO: BEREXCO INC.
5101 N. CLASSEN SUITE 205
OKLAHOMA CITY, OKLAHOMA 73118

FROM: WESTERN TESTING CO. INC.
P.O. BOX 1599
WICHITA, KANSAS 67201-1599

SUBJECT: COPIES OF DRILL STEM TEST MAILED TO INTEREST OWNERS.

DATE : MAY 13, 1993

WELL NAME & NUMBER: #1-25 EDNA B

TEST NUMBERS: 1 AND 2

LOCATION: SEWARD CO., KS

COPIES MAILED TO:

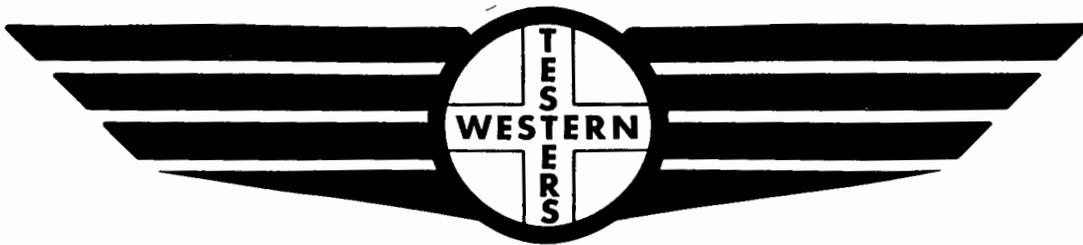
BEREXCO, INC.
970 FOURTH FINANCIAL CENTER
WICHITA, KS 67202
(INVOICE + 2 COPIES)

MCCOY PETROLEUM CORP.
110 S. MAIN, SUITE 500
WICHITA, KS 67202
ATTN: KEVIN MCCOY
(2 COPIES)

BEREXCO INC.
5101 N. CLASSEN BLVD. SUITE 205
OKLAHOMA CITY, OK 73118
ATTN: PETE WILSON
(ORIGINAL + 1 COPY)

VAN LEIGHTON
AMOCO PRODUCTION COMPANY
PO BOX 800
DENVER, COLORADO 80201
(1 COPY)

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone **1 - 800-688-7021**

COMPANY BEREXCO, INC. LEASE & WELL NO. #1-25 EDNA B SEC. 25 TWP. 31S RGE. 33W TEST NO. 1 DATE 5/9/93

DST REPORT

GENERAL INFORMATION

DATE : 5-09-93 TICKET : 19105
CUSTOMER : BEREXCO INC. LEASE : EDNA B
WELL : #1-25 TEST: 1 GEOLOGIST: ED GIEVES
ELEVATION: 2880 K.B. FORMATION: MARMATON
SECTION : 25 TOWNSHIP : 31S
RANGE : 33W COUNTY: SEWARD STATE : KS
GAUGE SN#: 3849 RANGE : 4200 CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 4918.00 ft TO: 4930.00 ft TVD: 4930.0 ft
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL
DEPTH OF RECORDERS: 4920.0 ft 4923.0 ft
TEMPERATURE: 122.0

DRILL COLLAR LENGTH: 610.0 ft I.D.: 2.250 in
WEIGHT PIPE LENGTH : 0.0 ft I.D.: 0.000 in
DRILL PIPE LENGTH : 4286.0 ft I.D.: 3.800 in
TEST TOOL LENGTH : 22.0 ft TOOL SIZE : 5.500 in
ANCHOR LENGTH : 12.0 ft ANCHOR SIZE: 5.500 in
SURFACE CHOKE SIZE : 0.750 in BOTTOM CHOKE SIZE: 0.750 in
MAIN HOLE SIZE : 7.875 in TOOL JOINT SIZE : 4.5XH
PACKER DEPTH: 4913.0 ft SIZE: 6.630 in
PACKER DEPTH: 4918.0 ft SIZE: 6.630 in
PACKER DEPTH: 0.0 ft SIZE: 0.000 in
PACKER DEPTH: 0.0 ft SIZE: 0.000 in

MUD INFORMATION

DRILLING CON. : BEREDCO #2.
MUD TYPE : CHEMICAL VISCOSITY : 52.00 cp
WEIGHT : 9.200 ppg WATER LOSS: 7.600 cc
CHLORIDES : 1850 ppm
JARS-MAKE : NO SERIAL NUMBER: 000
DID WELL FLOW?: NO REVERSED OUT?: NO

COMMENTS

Comment

STRONG BLOW OFF BOTTOM OF BUCKET IN 30 SECONDS ON
INITIAL FLOW PERIOD. STRONG BLOW IN 1 MINUTE
ON FINAL FLOW PERIOD.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
150.0	24.0	24.0	10.0	42.0	WATERY MUD C/GSSY OIL
235.0	0.0	0.0	100.0	0.0	SALT WATER
0.0	0.0	0.0	0.0	0.0	CHLORIDES 118000 PPM
0.0	0.0	0.0	0.0	0.0	2375' GAS ABOVE FLUID.

RATE INFORMATION

OIL VOLUME:	0.1770 STB	
GAS VOLUME:	0.9940 SCF	TOTAL FLOW TIME: 130.0000 min.
MUD VOLUME:	0.3098 STB	AVERAGE OIL RATE: 4.3833 STB/D
WATER VOLUME:	1.2294 STB	AVERAGE WATER RATE: 14.6269 STB/D
TOTAL FLUID :	1.7162 STB	

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2411.00

Description	Duration	p1	p End
INITIAL FLOW	15.00	36.00	53.00
INITIAL SHUT-IN	30.00		1240.00
FINAL FLOW	120.00	72.00	200.00
FINAL SHUT-IN	120.00		1271.00

FINAL HYDROSTATIC PRESSURE: 2328.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2489.00

Description	Duration	p1	p End
INITIAL FLOW	15.00	50.00	62.00
INITIAL SHUT-IN	30.00		1250.00
FINAL FLOW	115.00	85.00	211.00
FINAL SHUT-IN	120.00		1280.00

FINAL HYDROSTATIC PRESSURE: 2335.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 5-09-93	TICKET : 19105
CUSTOMER : BEREXCO INC.	LEASE : EDNA B
WELL : #1-25 TEST: 1	GEOLOGIST: GORDON W. KEEN
ELEVATION: 2880 K.B.	FORMATION: MARMATON
SECTION : 25	TOWNSHIP : 31S
RANGE : 33W COUNTY: SEWARD	STATE : KS
GAUGE SN#: 38492 RANGE : 4200	CLOCK : 12

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	50.00	50.00
5.00	50.00	0.00
10.00	56.00	6.00
15.00	62.00	6.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	237.00	237.00	0.00
6.00	390.00	153.00	0.00
9.00	561.00	171.00	0.00
12.00	730.00	169.00	0.00
15.00	899.00	169.00	0.00
18.00	1061.00	162.00	0.00
21.00	1151.00	90.00	0.00
24.00	1199.00	48.00	0.00
27.00	1236.00	37.00	0.00
30.00	1250.00	14.00	0.00

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	85.00	85.00
5.00	88.00	3.00
10.00	98.00	10.00
15.00	108.00	10.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
20.00	114.00	6.00
25.00	121.00	7.00
30.00	127.00	6.00
35.00	134.00	7.00
40.00	143.00	9.00
45.00	147.00	4.00
50.00	151.00	4.00
55.00	155.00	4.00
60.00	160.00	5.00
65.00	165.00	5.00
70.00	172.00	7.00
75.00	176.00	4.00
80.00	179.00	3.00
85.00	182.00	3.00
90.00	189.00	7.00
95.00	194.00	5.00
100.00	198.00	4.00
105.00	203.00	5.00
110.00	208.00	5.00
115.00	211.00	3.00

FINAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	323.00	323.00	0.00
6.00	452.00	129.00	0.00
9.00	552.00	100.00	0.00
12.00	651.00	99.00	0.00
15.00	725.00	74.00	0.00
18.00	805.00	80.00	0.00
21.00	883.00	78.00	0.00
24.00	943.00	60.00	0.00
27.00	987.00	44.00	0.00
30.00	1022.00	35.00	0.00
33.00	1051.00	29.00	0.00
36.00	1075.00	24.00	0.00
39.00	1096.00	21.00	0.00
42.00	1112.00	16.00	0.00
45.00	1126.00	14.00	0.00
48.00	1143.00	17.00	0.00
51.00	1155.00	12.00	0.00
54.00	1165.00	10.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

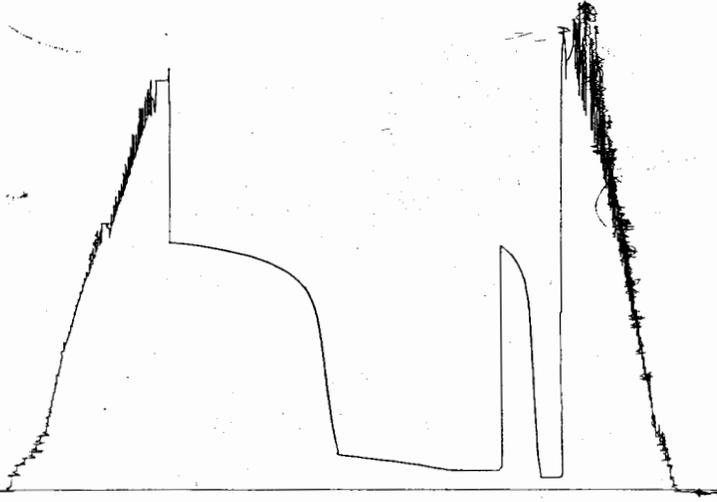
FINAL SHUT IN (CONTINUED)

Time (min)	Pressure	Delta P	Horner T
57.00	1174.00	9.00	0.00
60.00	1186.00	12.00	0.00
63.00	1192.00	6.00	0.00
66.00	1197.00	5.00	0.00
69.00	1205.00	8.00	0.00
72.00	1214.00	9.00	0.00
75.00	1222.00	8.00	0.00
78.00	1230.00	8.00	0.00
81.00	1236.00	6.00	0.00
84.00	1243.00	7.00	0.00
87.00	1247.00	4.00	0.00
90.00	1251.00	4.00	0.00
93.00	1256.00	5.00	0.00
96.00	1259.00	3.00	0.00
99.00	1263.00	4.00	0.00
102.00	1266.00	3.00	0.00
105.00	1270.00	4.00	0.00
108.00	1274.00	4.00	0.00
111.00	1277.00	3.00	0.00
114.00	1278.00	1.00	0.00
117.00	1279.00	1.00	0.00
120.00	1280.00	1.00	0.00

K4 19/06

2604 DST 2

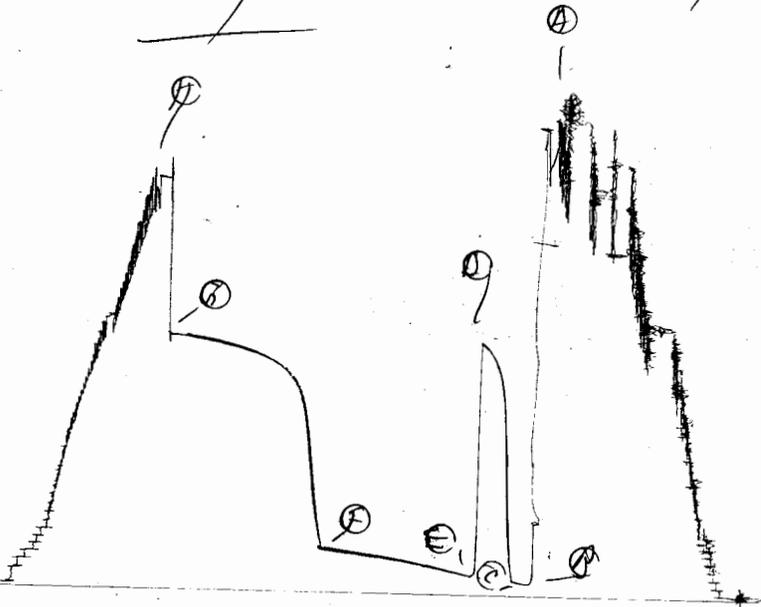
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K4 19/06

3849 DST 2

1





WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No 19106

P. O. BOX 1599 WICHITA, KANSAS 67201
PHONE (316) 262-5861

Elevation 2880 K.B. Formation Manton Eff. Pay Ft.

District Garden City Date 5-10-93 Customer Order No.

COMPANY NAME Berexo Inc.

ADDRESS 970 Fourth Essential Center Wichita, KS. 67202

LEASE AND WELL NO. Edna "B" 1-25 COUNTY Sedgewick STATE KS Sec 25 Twp 31S Rge 33E

Mail Invoice To Berexo Inc. #1-25 Edna Co. Name Address No. Copies Requested 10

Mail Charts To See Dist Sheet Address No. Copies Requested See Dist Sheet

Formation Test No. 2 Interval Tested From 4931 ft. to 4946 ft. Total Depth 4946 ft.

Packer Depth 4926 ft. Size 6 5/8 in. Packer Depth ft. Size in.

Packer Depth 4931 ft. Size 6 5/8 in. Packer Depth ft. Size in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4934 ft. Recorder Number 3849 Cap 4200

Bottom Recorder Depth (Outside) 4937 ft. Recorder Number 2604 Cap 4150

Below Straddle Recorder Depth ft. Recorder Number Cap

Drilling Contractor Berexo Rig 2 Drill Collar Length 610 I. D. 2 1/4 in.

Mud Type Chem Viscosity 55 Weight Pipe Length I. D. in.

Weight 9.1 Water Loss 10.0 cc. Drill Pipe Length 4299 I. D. 3.8 in.

Chlorides 2,600 P.P.M. Test Tool Length 22 ft. Tool Size 5 1/2 in.

Jars: Make Serial Number Anchor Length 15 ft. Size 5 1/2 in.

Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 X.H. in.

Blow: Strong "B.O.B." in 30 Sec. I.F.F.

Strong in 2 min. Decreased slightly in 120 min. F.F.

Recovered 1510 ft. of G.I.P.

Recovered 80 ft. of Mud cut Gassy Oil 37% Oil 38% Gas 25% mud

Recovered 75 ft. of Heavy Gas & Oil cut Watery mud 8% Oil 35% Gas 17% WTR

Recovered 255 ft. of Salt WTR 115,000 P.P.M. 40% mud

Recovered ft. of Total Fluid Rec 410'

Chlorides 115,000 P.P.M. Sample Jars used Remarks:

MAY 14 1993

Time On Location 6:00 A.M. Time Pick Up Tool 6:45 A.M. Time Off Location A.M.

Time Set Packer(s) 8:15 A.M. Time Started Off Bottom 1:00 P.M. Maximum Temperature 122°F

Initial Hydrostatic Pressure (A) 2408 P.S.I.

Initial Flow Period Minutes 15 (B) 57 P.S.I. to (C) 72 P.S.I.

Initial Closed In Period Minutes 30 (D) 1372 P.S.I.

Final Flow Period Minutes 120 (E) 93 P.S.I. to (F) 229 P.S.I.

Final Closed In Period Minutes 120 (G) 1382 P.S.I.

Final Hydrostatic Pressure (H) 2326 P.S.I.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to 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, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By [Signature] Signature of Customer or his authorized representative

Western Representative [Signature]

FIELD INVOICE

Open Hole Test \$
Misrun \$
Straddle Test \$
Jars \$
Selective Zone \$
Safety Joint \$
Standby \$
Evaluation \$
Extra Packer \$
Circ. Sub. \$
Mileage \$
Fluid Sampler \$
Extra Charts \$
Insurance \$
Telecopier \$
TOTAL \$

WESTERN TESTING CO., INC.

Pressure Data

Date 5-10-53 Test Ticket No. 19106
 Recorder No. 3849 Capacity _____ Location _____
 Clock No. _____ Elevation _____ Well Temperature _____

Point	Pressure	P.S.I.	Open Tool	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2456</u>	P.S.I.	_____	_____	M _____
B First Initial Flow Pressure	<u>62</u>	P.S.I.	First Flow Pressure	_____	Mins. <u>15</u> Mi _____
C First Final Flow Pressure	<u>80</u>	P.S.I.	Initial Closed-in Pressure	_____	Mins. <u>27</u> Mi _____
D Initial Closed-in Pressure	<u>1278</u>	P.S.I.	Second Flow Pressure	_____	Mins. <u>115</u> Mi _____
E Second Initial Flow Pressure	<u>104</u>	P.S.I.	Final Closed-in Pressure	_____	Mins. <u>120</u> Mi _____
F Second Final Flow Pressure	<u>246</u>	P.S.I.			
G Final Closed-in Pressure	<u>1591</u>	P.S.I.			
H Final Hydrostatic Mud	<u>2254</u>	P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	<u>62</u>	0	<u>80</u>	0	<u>104</u>	0	<u>246</u>
P 2 5	<u>62</u>	3	<u>200</u>	5	<u>104</u>	3	<u>357</u>
P 3 10	<u>69</u>	6	<u>259</u>	10	<u>115</u>	6	<u>521</u>
P 4 15	<u>80</u>	9	<u>1094</u>	15	<u>125</u>	9	<u>207</u>
P 5 20		12	<u>1215</u>	20	<u>131</u>	12	<u>884</u>
P 6 25		15	<u>1467</u>	25	<u>144</u>	15	<u>990</u>
P 7 30		18	<u>1328</u>	30	<u>151</u>	18	<u>1079</u>
P 8 35		21	<u>1326</u>	35	<u>162</u>	21	<u>1159</u>
P 9 40		24	<u>1358</u>	40	<u>167</u>	24	<u>1169</u>
P10 45		27	<u>1278</u>	45	<u>172</u>	27	<u>1190</u>
P11 50		30	<u>1278</u>	50	<u>181</u>	30	<u>1210</u>
P12 55		33		55	<u>187</u>	33	<u>1227</u>
P13 60		36		60	<u>194</u>	36	<u>1240</u>
P14 65		39		65	<u>199</u>	39	<u>1252</u>
P15 70		42		70	<u>205</u>	42	<u>1265</u>
P16 75		45		75	<u>210</u>	45	<u>1271</u>
P17 80		48		80	<u>218</u>	48	<u>1287</u>
P18 85		51		85	<u>220</u>	51	<u>1295</u>
P19 90		54		90	<u>226</u>	54	<u>1307</u>
P20 95		57		95	<u>231</u>	57	<u>1315</u>
100		60		100	<u>235</u>	60	<u>1318</u>
				105	<u>240</u>		
				110	<u>244</u>		
				115	<u>244</u>		

WESTERN TESTING CO., INC.
Pressure Data

Date _____ Test Ticket No. _____
 Recorder No. _____ Capacity _____ Location _____ Ft.
 Clock No. _____ Elevation _____ Well Temperature _____ °F

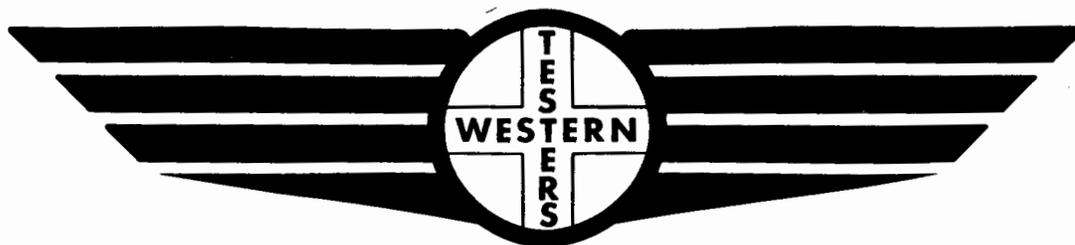
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud _____	P.S.I.	Open Tool	_____	M _____
B First Initial Flow Pressure _____	P.S.I.	First Flow Pressure	_____	Mins. _____ Mins.
C First Final Flow Pressure _____	P.S.I.	Initial Closed-in Pressure	_____	Mins. _____ Mins.
D Initial Closed-in Pressure _____	P.S.I.	Second Flow Pressure	_____	Mins. _____ Mins.
E Second Initial Flow Pressure _____	P.S.I.	Final Closed-in Pressure	_____	Mins. _____ Mins.
F Second Final Flow Pressure _____	P.S.I.			
G Final Closed-in Pressure _____	P.S.I.			
H Final Hydrostatic Mud _____	P.S.I.			

PRESSURE BREAKDOWN

Point Mins.	First Flow Pressure	Initial Shut-In	Second Flow Pressure	Final Shut-In
	Breakdown: _____ Inc.	Breakdown: _____ Inc.	Breakdown: _____ Inc.	Breakdown: _____ Inc.
	of _____ mins. and a final inc. of _____ Min.	of _____ mins. and a final inc. of _____ Min.	of _____ mins. and a final inc. of _____ Min.	of _____ mins. and a final inc. of _____ Min.
	Press.	Point Minutes Press.	Point Minutes Press.	Point Minutes Press.
P 1 105		63	105	63
P 2 110		66	110	66
P 3 115		69	115	69
P 4 120		72	120	72
P 5 125		75	125	75
P 6 130		78	130	78
P 7 135		81	135	81
P 8 140		84	140	84
P 9 145		87	145	87
P10 150		90	150	90
P11 155		93	155	93
P12 160		96	160	96
P13 165		99	165	99
P14 170		102	170	102
P15 175		105	175	105
P16 180		108	180	108
P17 185		111	185	111
P18 190		114	190	114
P19 195		117	195	117
P20 200		120	200	120

Handwritten pressure values:
 1324
 1325
 1344
 1345
 1348
 1352
 1358
 1366
 1372
 1376
 1380
 1382
 1384
 1386
 1388
 1388
 1390
 1390
 1391
 1391

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 1 - 800-688-7021

COMPANY BEREXCO, INC.

LEASE & WELL NO. #1-25 EDNA B

SEC. 25 TWP. 31S RGE. 33W TEST NO.

2 DATE 5/10/93

DST REPORT

GENERAL INFORMATION

DATE : 5-10-93
CUSTOMER : BEREXCO INC.
WELL : #1-25 TEST: 2
ELEVATION: 2880 K.B.
SECTION : 25
RANGE : 33W COUNTY: SEWARD
GAUGE SN#: 3849 RANGE : 4200
TICKET : 19106
LEASE : EDNA B
GEOLOGIST: ED GIEVES
FORMATION: MARMATON
TOWNSHIP : 31S
STATE : KS
CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 4931.00 ft TO: 4946.00 ft TVD: 4946.0 ft
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL
DEPTH OF RECORDERS: 4934.0 ft 4937.0 ft
TEMPERATURE: 122.0
DRILL COLLAR LENGTH: 610.0 ft I.D.: 2.250 in
WEIGHT PIPE LENGTH : 0.0 ft I.D.: 0.000 in
DRILL PIPE LENGTH : 4299.0 ft I.D.: 3.800 in
TEST TOOL LENGTH : 22.0 ft TOOL SIZE : 5.500 in
ANCHOR LENGTH : 15.0 ft ANCHOR SIZE: 5.500 in
SURFACE CHOKE SIZE : 0.750 in BOTTOM CHOKE SIZE: 0.750 in
MAIN HOLE SIZE : 7.875 in TOOL JOINT SIZE : 4.5XH
PACKER DEPTH: 4926.0 ft SIZE: 6.630 in
PACKER DEPTH: 4931.0 ft SIZE: 6.630 in
PACKER DEPTH: 0.0 ft SIZE: 0.000 in
PACKER DEPTH: 0.0 ft SIZE: 0.000 in

MUD INFORMATION

DRILLING CON. : BEREDCO #2.
MUD TYPE : CHEMICAL
WEIGHT : 9.100 ppg
CHLORIDES : 2600 ppm
JARS-MAKE : NO
DID WELL FLOW?: NO
VISCOSITY : 55.00 cp
WATER LOSS: 10.000 cc
SERIAL NUMBER: 000
REVERSED OUT?: NO

COMMENTS

Comment

STRONG BLOW OFF BOTTOM OF BUCKET IN 30 SECONDS ON
INITIAL FLOW PERIOD. STRONG BLOW IN 2 MINUTES-
DECREASED SLIGHTLY IN 120 MINUTES ON FINAL FLOW

DST REPORT (CONTINUED)

COMMENTS (CONTINUED)

Comment _____

PERIOD.

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
80.0	37.0	38.0	0.0	25.0	MUD C/GASSY OIL
75.0	8.0	35.0	17.0	40.0	HVY GAS & OIL C/WATRY MUD
255.0	0.0	0.0	100.0	0.0	SALT WATER
0.0	0.0	0.0	0.0	0.0	1510' GAS ABOVE FLUID.
0.0	0.0	0.0	0.0	0.0	CHLORIDES 115000 PPM

RATE INFORMATION

OIL VOLUME: 0.1751 STB
 GAS VOLUME: 1.5642 SCF
 MUD VOLUME: 0.2459 STB
 WATER VOLUME: 1.3167 STB
 TOTAL FLUID : 1.7376 STB

TOTAL FLOW TIME: 130.0000 min.
 AVERAGE OIL RATE: 3.5515 STB/D
 AVERAGE WATER RATE: 15.6957 STB/D

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2411.00

Description	Duration	p1	p End
INITIAL FLOW	15.00	36.00	53.00
INITIAL SHUT-IN	30.00		1240.00
FINAL FLOW	120.00	72.00	200.00
FINAL SHUT-IN	120.00		1271.00

FINAL HYDROSTATIC PRESSURE: 2328.00

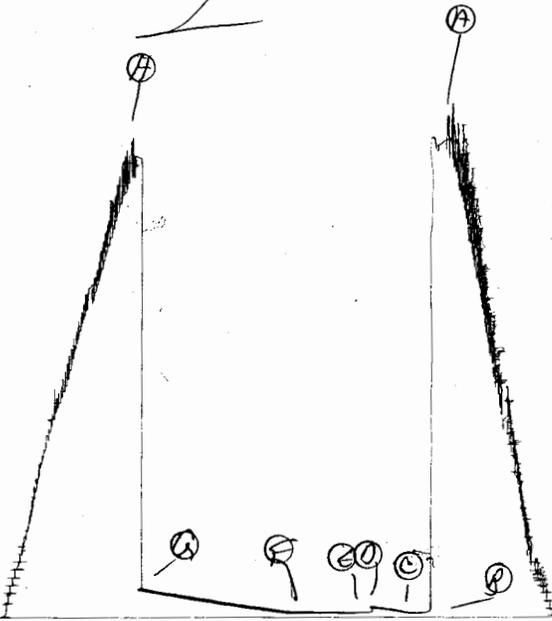
PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL SHUT IN (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
60.00	1318.00	3.00	0.00
63.00	1324.00	6.00	0.00
66.00	1335.00	11.00	0.00
69.00	1342.00	7.00	0.00
72.00	1345.00	3.00	0.00
75.00	1348.00	3.00	0.00
78.00	1353.00	5.00	0.00
81.00	1358.00	5.00	0.00
84.00	1366.00	8.00	0.00
87.00	1372.00	6.00	0.00
90.00	1376.00	4.00	0.00
93.00	1380.00	4.00	0.00
96.00	1382.00	2.00	0.00
99.00	1384.00	2.00	0.00
102.00	1386.00	2.00	0.00
105.00	1388.00	2.00	0.00
108.00	1388.00	0.00	0.00
111.00	1390.00	2.00	0.00
114.00	1390.00	0.00	0.00
117.00	1391.00	1.00	0.00
120.00	1391.00	0.00	0.00

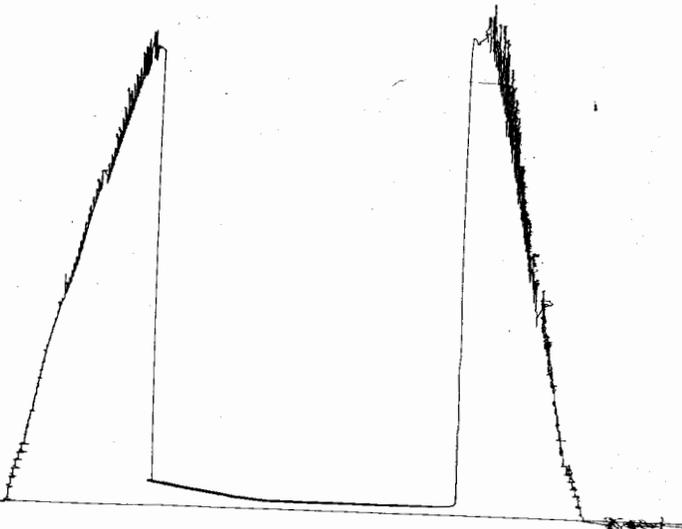
KT 19107 #3849 DST 3

I



KT 19107 2604 DST 3

D





WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No 19107

P. O. BOX 1599 WICHITA, KANSAS 67201
PHONE (316) 262-5861

Elevation 2880 A.B. Formation Merrow Solst Eff. Pay Ft.

District Garden City Date 5-13-93 Customer Order No.

COMPANY NAME Berexco Inc.

ADDRESS 920 Fourth Financial Center Wichita, KS. 67202

LEASE AND WELL NO. Edna "B" 1-25 COUNTY Sedgewood STATE KS. Sec 25 Twp 31S Rge 23W

Mail Invoice To Berexco Inc. Co. Name Same Address #1-25 Edna No. Copies Requested 1 Reg. See Dist. Sheet

Mail Charts To See Dist. Sheet Address #1-25 Edna No. Copies Requested 1 Sheet

Formation Test No. 3 Interval Tested From 5450 ft. to 5480 ft. Total Depth 5480 ft.

Packer Depth 5445 ft. Size 6 5/8 in. Packer Depth ft. Size in.

Packer Depth 5450 ft. Size 6 5/8 in. Packer Depth ft. Size in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 5467 ft. Recorder Number 3849 Cap. 4200

Bottom Recorder Depth (Outside) 5470 ft. Recorder Number 2604 Cap. 4150

Below Straddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor Berexco Rig 2 Drill Collar Length 610 I. D. 2 1/4 in.

Mud Type Chem Viscosity 61 Weight Pipe Length I. D. in.

Weight 8.9 Water Loss 6.8 cc. Drill Pipe Length 4812 I. D. 3.8 in.

Chlorides 1800 P.P.M. Test Tool Length 28 ft. Tool Size 5 1/2 in.

Jars: Make W.T.C. Serial Number 404 Anchor Length 30 ft. Size 5 1/2 in.

Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 X H. in.

Blow: Work 1/2" slowly built to 3" in Bucket 15 Min. I.F.

Work 1/2" decreased to a surface blow in 60 Min. I.F.

Recovered 20 ft. of Dirty Mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of Total Fluid Rec. 20'

Chlorides P.P.M. Sample Jars used Remarks:

MAY 17 1993

Time On Location 2:45 A.M. P.M. Time Pick Up Tool 4:15 A.M. P.M. Time Off Location A.M. P.M.

Time Set Packer(s) 6:10 A.M. P.M. Time Started Off Bottom 9:55 A.M. P.M. Maximum Temperature 129°F

Initial Hydrostatic Pressure (A) 2601 P.S.I.

Initial Flow Period Minutes 15 (B) 14 P.S.I. to (C) 14 P.S.I.

Initial Closed In Period Minutes 30 (D) 55 P.S.I.

Final Flow Period Minutes 60 (E) 19 P.S.I. to (F) 19 P.S.I.

Final Closed In Period Minutes 120 (G) 151 P.S.I.

Final Hydrostatic Pressure (H) 2529 P.S.I.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to 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, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By [Signature] Signature of Customer or his authorized representative

Western Representative [Signature]

FIELD INVOICE

- Open Hole Test \$ [checked]
Misrun \$
Straddle Test \$
Jars \$ [checked]
Selective Zone \$
Safety Joint \$ [checked]
Standby \$
Evaluation \$
Extra Packer \$
Circ. Sub. \$ [checked]
Mileage \$
Fluid Sampler \$
Extra Charts \$
Insurance \$
Telecopier \$
TOTAL \$

WESTERN TESTING CO., INC.

Pressure Data

Date 5-18-92

Test Ticket No. 9107

Recorder No. 2849

Capacity _____ Location _____

Clock No. _____ Elevation _____ Well Temperature _____

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2123</u>	P.S.I.		M
B First Initial Flow Pressure	<u>37</u>	P.S.I.	Mins. <u>15</u>	Mi
C First Final Flow Pressure	<u>27</u>	P.S.I.	Mins. <u>10</u>	Mi
D Initial Closed-in Pressure	<u>24</u>	P.S.I.	Mins. <u>60</u>	Mi
E Second Initial Flow Pressure	<u>40</u>	P.S.I.	Mins. <u>11</u>	Mi
F Second Final Flow Pressure	<u>50</u>	P.S.I.		
G Final Closed-in Pressure	<u>179</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2542</u>	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: _____ Inc.							
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	<u>37</u>	0	<u>37</u>	0	<u>40</u>	0	<u>50</u>
P 2 5	<u>37</u>	3	<u>45</u>	5	<u>2</u>	3	<u>50</u>
P 3 10	<u>37</u>	6	<u>50</u>	10	<u>2</u>	6	<u>52</u>
P 4 15	<u>37</u>	9	<u>53</u>	15	<u>40</u>	9	<u>55</u>
P 5 20		12	<u>57</u>	20	<u>40</u>	12	<u>61</u>
P 6 25		15	<u>61</u>	25 <u>42</u>	<u>42</u>	15	<u>65</u>
P 7 30		18	<u>64</u>	30	<u>44</u>	18	<u>67</u>
P 8 35		21	<u>68</u>	35	<u>45</u>	21	<u>70</u>
P 9 40		24	<u>71</u>	40	<u>46</u>	24	<u>72</u>
P10 45		27	<u>72</u>	45	<u>47</u>	27	<u>77</u>
P11 50		30	<u>74</u>	50	<u>48</u>	30	<u>80</u>
P12 55		33		55	<u>49</u>	33	<u>83</u>
P13 60		36		60	<u>50</u>	36	<u>84</u>
P14 65		39		65		39	<u>90</u>
P15 70		42		70		42	<u>97</u>
P16 75		45		75		45	<u>98</u>
P17 80		48		80		48	<u>105</u>
P18 85		51		85		51	<u>106</u>
P19 90		54		90		54	<u>110</u>
P20 95		57		95		57	<u>114</u>
100		60		100		60	<u>119</u>

WESTERN TESTING CO., INC.

Pressure Data

Date _____

Test Ticket No. 19107

Recorder No. _____ Capacity _____ Location _____ Ft.

Clock No. _____ Elevation _____ Well Temperature _____ °F

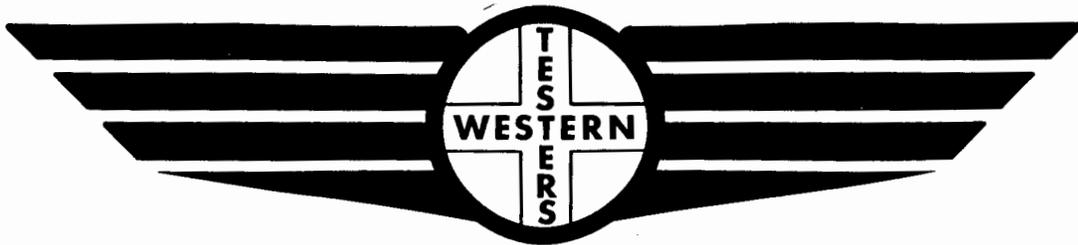
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud _____	P.S.I.	Open Tool	_____	M _____
B First Initial Flow Pressure _____	P.S.I.	First Flow Pressure	_____	Mins. _____ Mins.
C First Final Flow Pressure _____	P.S.I.	Initial Closed-in Pressure	_____	Mins. _____ Mins.
D Initial Closed-in Pressure _____	P.S.I.	Second Flow Pressure	_____	Mins. _____ Mins.
E Second Initial Flow Pressure _____	P.S.I.	Final Closed-in Pressure	_____	Mins. _____ Mins.
F Second Final Flow Pressure _____	P.S.I.			
G Final Closed-in Pressure _____	P.S.I.			
H Final Hydrostatic Mud _____	P.S.I.			

PRESSURE BREAKDOWN

Point Mins.	First Flow Pressure	Initial Shut-In	Second Flow Pressure	Final Shut-In
	Breakdown: _____ Inc. of _____ mins. and a final inc. of _____ Min.	Breakdown: _____ Inc. of _____ mins. and a final inc. of _____ Min.	Breakdown: _____ Inc. of _____ mins. and a final inc. of _____ Min.	Breakdown: _____ Inc. of _____ mins. and a final inc. of _____ Min.
	Press.	Point Minutes	Press.	Point Minutes
P 1 105	_____	63	_____	63
P 2 110	_____	66	_____	66
P 3 115	_____	69	_____	69
P 4 120	_____	72	_____	72
P 5 125	_____	75	_____	75
P 6 130	_____	78	_____	78
P 7 135	_____	81	_____	81
P 8 140	_____	84	_____	84
P 9 145	_____	87	_____	87
P10 150	_____	90	_____	90
P11 155	_____	93	_____	93
P12 160	_____	96	_____	96
P13 165	_____	99	_____	99
P14 170	_____	102	_____	102
P15 175	_____	105	_____	105
P16 180	_____	108	_____	108
P17 185	_____	111	_____	111
P18 190	_____	114	_____	114
P19 195	_____	117	_____	117
P20 200	_____	120	_____	120

Handwritten pressure values:
 127
 128
 131
 134
 136
 139
 142
 145
 149
 152
 156
 160
 164
 168
 171
 175
 179

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 1 - 800-688-7021

DST REPORT

GENERAL INFORMATION

DATE : 5/13/93	TICKET : 19107
CUSTOMER : BEREXCO INC.	LEASE : EDNA B
WELL : #1-25 TEST: 3	GEOLOGIST: GRIEVES
ELEVATION: 2880 KB	FORMATION: MORROW SAND
SECTION : 25	TOWNSHIP : 31S
RANGE : 33W COUNTY: SEWARD	STATE : KS
GAUGE SN#: 3849 RANGE : 4200	CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 5450.00 ft	TO: 5480.00 ft	TVD: 5480.0 ft
DEPTH OF SELECTIVE ZONE:		TEST TYPE: OIL
DEPTH OF RECORDERS: 5467.0 ft	5470.0 ft	
TEMPERATURE: 129.0		

DRILL COLLAR LENGTH: 610.0 ft	I.D.:	2.250 in
WEIGHT PIPE LENGTH : 0.0 ft	I.D.:	0.000 in
DRILL PIPE LENGTH : 4812.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH : 28.0 ft	TOOL SIZE :	5.500 in
ANCHOR LENGTH : 30.0 ft	ANCHOR SIZE:	5.500 in
SURFACE CHOKE SIZE : 0.750 in	BOTTOM CHOKE SIZE:	0.750 in
MAIN HOLE SIZE : 7.875 in	TOOL JOINT SIZE :	4.5XH
PACKER DEPTH: 5445.0 ft	SIZE:	6.630 in
PACKER DEPTH: 5450.0 ft	SIZE:	6.630 in
PACKER DEPTH: 0.0 ft	SIZE:	0.000 in
PACKER DEPTH: 0.0 ft	SIZE:	0.000 in

MUD INFORMATION

DRILLING CON. : BEREDCO #2.	VISCOSITY : 61.00 cp
MUD TYPE : CHEMICAL	WATER LOSS: 6.800 cc
WEIGHT : 8.900 ppg	
CHLORIDES : 1800 ppm	SERIAL NUMBER: 404
JARS-MAKE : WTC	REVERSED OUT?: NO
DID WELL FLOW?: NO	

COMMENTS

Comment

WEAK 1/2" BLOW SLOWLY BUILDING TO 3" IN BUCKET IN
15 MINUTES ON INITIAL FLOW PERIOD. WEAK 1/2"
DECREASING TO A SURFACE BOW IN 60 MINUTES ON FINAL

DST REPORT (CONTINUED)

COMMENTS (CONTINUED)

Comment

FLOW PERIOD.

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
20.0	0.0	0.0	0.0	100.0	DRILLING MUD

RATE INFORMATION

OIL VOLUME:	0.0000 STB	TOTAL FLOW TIME:	75.0000 min.
GAS VOLUME:	0.0000 SCF	AVERAGE OIL RATE:	0.0000 STB/D
MUD VOLUME:	0.0983 STB	AVERAGE WATER RATE:	0.0000 STB/D
WATER VOLUME:	0.0000 STB		
TOTAL FLUID :	0.0983 STB		

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2601.00

Description	Duration	p1	p End
INITIAL FLOW	15.00	14.00	14.00
INITIAL SHUT-IN	30.00		55.00
FINAL FLOW	60.00	19.00	19.00
FINAL SHUT-IN	120.00		151.00

FINAL HYDROSTATIC PRESSURE: 2529.00

DST REPORT (CONTINUED)

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2631.00

<u>Description</u>	<u>Duration</u>	<u>p1</u>	<u>p End</u>
INITIAL FLOW	15.00	37.00	37.00
INITIAL SHUT-IN	30.00		74.00
FINAL FLOW	60.00	40.00	50.00
FINAL SHUT-IN	111.00		179.00
FINAL HYDROSTATIC PRESSURE:	2542.00		

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 5/13/93	TICKET : 19107
CUSTOMER : BEREXCO INC.	LEASE : EDNA B
WELL : #1-25	TEST: 3
ELEVATION: 2880 KB	GEOLOGIST: GRIEVES
SECTION : 25	FORMATION: MORROW SAND
RANGE : 33W	TOWNSHIP : 31S
GAUGE SN#: 3849	COUNTY: SEWARD
	RANGE : 4200
	STATE : KS
	CLOCK : 12

INITIAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	37.00	37.00
5.00	37.00	0.00
10.00	37.00	0.00
15.00	37.00	0.00

INITIAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	45.00	45.00	6.00
6.00	50.00	5.00	3.50
9.00	53.00	3.00	2.67
12.00	57.00	4.00	2.25
15.00	61.00	4.00	2.00
18.00	64.00	3.00	1.83
21.00	68.00	4.00	1.71
24.00	71.00	3.00	1.63
27.00	73.00	2.00	1.56
30.00	74.00	1.00	1.50

FINAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	40.00	40.00
5.00	40.00	0.00
10.00	40.00	0.00
15.00	40.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
20.00	40.00	0.00
25.00	42.00	2.00
30.00	44.00	2.00
35.00	45.00	1.00
40.00	46.00	1.00
45.00	47.00	1.00
50.00	48.00	1.00
55.00	49.00	1.00
60.00	50.00	1.00

FINAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	50.00	50.00	39.33
6.00	53.00	3.00	20.17
9.00	55.00	2.00	13.78
12.00	61.00	6.00	10.58
15.00	65.00	4.00	8.67
18.00	67.00	2.00	7.39
21.00	70.00	3.00	6.48
24.00	73.00	3.00	5.79
27.00	77.00	4.00	5.26
30.00	80.00	3.00	4.83
33.00	83.00	3.00	4.48
36.00	86.00	3.00	4.19
39.00	90.00	4.00	3.95
42.00	94.00	4.00	3.74
45.00	98.00	4.00	3.56
48.00	102.00	4.00	3.40
51.00	106.00	4.00	3.25
54.00	110.00	4.00	3.13
57.00	114.00	4.00	3.02
60.00	119.00	5.00	2.92
63.00	124.00	5.00	2.83
66.00	128.00	4.00	2.74
69.00	131.00	3.00	2.67
72.00	134.00	3.00	2.60
75.00	136.00	2.00	2.53
78.00	139.00	3.00	2.47
81.00	142.00	3.00	2.42
84.00	145.00	3.00	2.37
87.00	149.00	4.00	2.32

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL SHUT IN (CONTINUED)

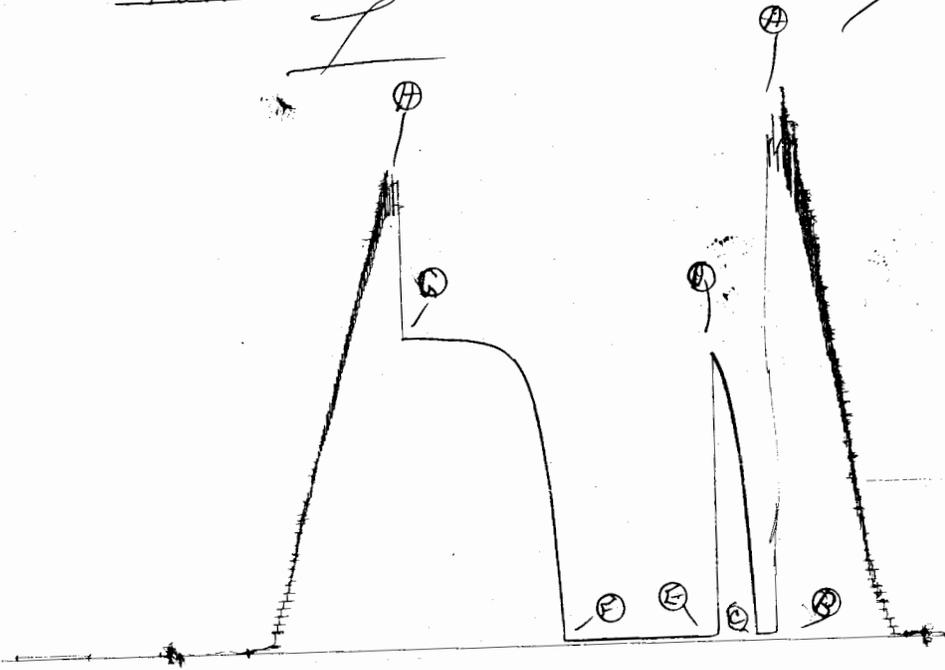
<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
90.00	152.00	3.00	2.28
93.00	156.00	4.00	2.24
96.00	160.00	4.00	2.20
99.00	164.00	4.00	2.16
102.00	168.00	4.00	2.13
105.00	171.00	3.00	2.10
108.00	175.00	4.00	2.06
111.00	179.00	4.00	2.04

KT 19108

#3849 DST4

7

7

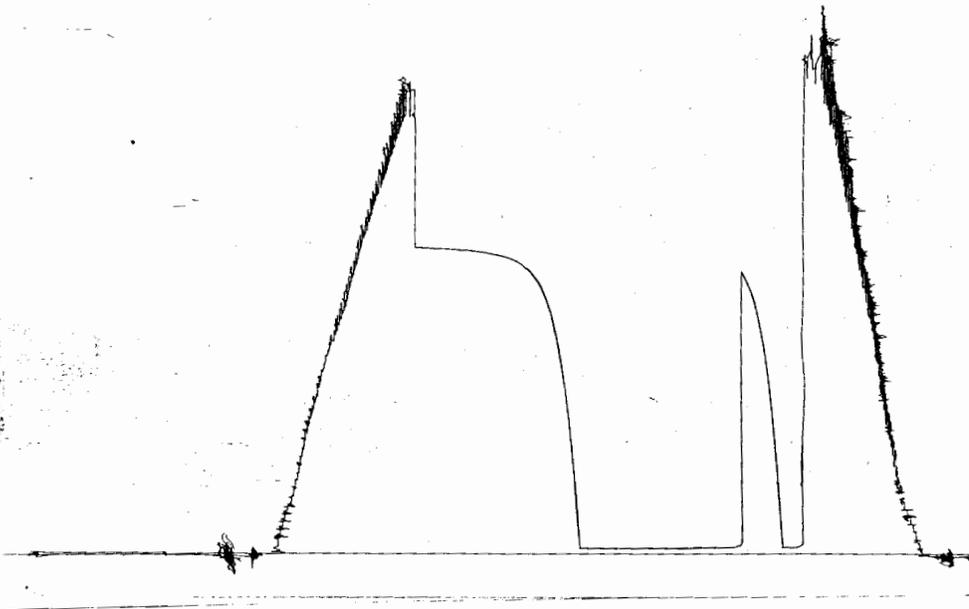


KT 19108

2604 DST4

0

7





WESTERN TESTING CO., INC.
FORMATION TESTING

Lost Test

No 19108

P. O. BOX 1599 WICHITA, KANSAS 67201
PHONE (316) 262-5861

Elevation 2880 K.B. Formation Maroon Selst. Eff. Pay 11 Ft.

District Garden City Date 5-14-93 Customer Order No.

COMPANY NAME Berexo Inc.

ADDRESS 970 Fourth Financial Center Wichita, KS 67202

LEASE AND WELL NO. Edna "B" 1-25 COUNTY Seward STATE KS. Sec. 25 Twp. 31S Rge. 33W

Mail Invoice To Berexo Inc. Co. Name Same Address #1-25 Edna B. No. Copies Requested 1

Mail Charts To See Dist. Sheet No. Copies Requested See Dist. Sheet

Formation Test No. 4 Interval Tested From 5518 ft. to 5530 ft. Total Depth 5530 ft.

Packer Depth 5513 ft. Size 6 5/8 in. Packer Depth ft. Size in.

Packer Depth 5518 ft. Size 6 5/8 in. Packer Depth ft. Size in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 5520 ft. Recorder Number 3849 Cap. 4200

Bottom Recorder Depth (Outside) 5523 ft. Recorder Number 2604 Cap. 4150

Below Straddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor Berexo Rig 2 Drill Collar Length 610 I. D. 2 1/4 in.

Mud Type Chem Viscosity 73 Weight Pipe Length I. D. in.

Weight 8.9 Water Loss 8.2 cc. Drill Pipe Length 4880 I. D. 3.8 in.

Chlorides 2,200 P.P.M. Test Tool Length 28 ft. Tool Size 5 1/2 in.

Jars: Make W.T.C. Serial Number 404 Anchor Length 12 ft. Size 5 1/2 in.

Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 X 1 1/2 in.

Blow: Fair 4" to Strong "B.O.B." in 2 min. I.F. Strong Immediately G.T.S. in 40 min. See Flow Chart F.F.

Recovered 15 ft. of Thin Mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of Total Fluid Rec. 15'

Chlorides P.P.M. Sample Jars used Remarks: MAY 17 1993

Time On Location 4:00 A.M. P.M. Time Pick Up Tool 12:30 A.M. P.M. Time Off Location A.M. P.M.

Time Set Packer(s) 2:10 A.M. P.M. Time Started Off Bottom 6:55 A.M. P.M. Maximum Temperature 130°F

Initial Hydrostatic Pressure (A) 2663 P.S.I.

Initial Flow Period Minutes 15 (B) 25 P.S.I. to (C) 25 P.S.I.

Initial Closed In Period Minutes 30 (D) 1577 P.S.I.

Final Flow Period Minutes 120 (E) 25 P.S.I. to (F) 25 P.S.I.

Final Closed In Period Minutes 120 (G) 1694 P.S.I.

Final Hydrostatic Pressure (H) 2576 P.S.I.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to 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, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By [Signature] Signature of Customer or his authorized representative

Western Representative [Signature]

FIELD INVOICE

- Open Hole Test \$
Misrun \$
Straddle Test \$
Jars \$
Selective Zone \$
Safety Joint \$
Standby \$
Evaluation \$
Extra Packer \$
Circ. Sub \$
Mileage \$
Fluid Sampler \$
Extra Charts \$
Insurance \$
Telecopier \$
TOTAL \$



No 4762

GAS FLOW REPORT

Date 5-14-93 Ticket 19108 Company Berkeco Inc.
Well Name and No. Edna "B" 1-25 Dst No. 4 Interval Tested 5518-5530
County Seward State Ks Sec. 25 Twp. 31S Rg. 33W

Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	Size of Orifice	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	Description of Flow
--------------------	-------------------------------------	-----------------	------------------------	------------------------------	---------------------

PRE FLOW

No Gas

SECOND FLOW

<u>Inches WATER</u>			<u>G.T.S. 40 min. into F.F.P.</u>	
<u>45</u>	<u>4.0</u>	<u>3/8"</u>	<u>7,140</u>	<u>C.F.P.D.</u>
<u>50</u>	<u>6.5</u>	<u>"</u>	<u>9,100</u>	<u>"</u>
<u>60</u>	<u>5.5</u>	<u>"</u>	<u>8,370</u>	<u>"</u>
<u>70</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>
<u>80</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>
<u>90</u>	<u>6.0</u>	<u>"</u>	<u>8,740</u>	<u>"</u>
<u>100</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>
<u>110</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>
<u>120</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>

GAS BOTTLE

Serial No. _____ Date Bottle Filled _____ Date to be Invoiced _____

Requisition and Provisions for high pressure stainless steel gas bottles. Western Testing Co., Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Western Testing Co., Inc. within thirty (30) days free of charge, or be invoiced in the amount of \$75.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

All charges subject to 1 1/2% per month, equal to 18% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME _____

Authorized by _____

WESTERN TESTING CO., INC.

Pressure Data

Date 5-14-92 Test Ticket No. 19108
 Recorder No. 2849 Capacity _____ Location _____
 Clock No. _____ Elevation _____ Well Temperature _____

Point	Pressure	Open Tool	Time Given	Time Computed
A Initial Hydrostatic Mud	2225 <u>2225</u> P.S.I.			M
B First Initial Flow Pressure	<u>25</u> P.S.I.	First Flow Pressure	Mins. <u>5</u>	Mi
C First Final Flow Pressure	<u>25</u> P.S.I.	Initial Closed-in Pressure	Mins. <u>50</u>	Mi
D Initial Closed-in Pressure	<u>1582</u> P.S.I.	Second Flow Pressure	Mins. <u>115</u>	Mi
E Second Initial Flow Pressure	<u>29</u> P.S.I.	Final Closed-in Pressure	Mins. <u>117</u>	Mi
F Second Final Flow Pressure	<u>31</u> P.S.I.			
G Final Closed-in Pressure	<u>1704</u> P.S.I.			
H Final Hydrostatic Mud	<u>2557</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	<u>25</u>	0	<u>25</u>	0	<u>29</u>	0	<u>31</u>
P 2 5	<u>25</u>	3	<u>442</u>	5	<u>29</u>	3	<u>436</u>
P 3 10	<u>25</u>	6	<u>754</u>	10	<u>29</u>	6	<u>709</u>
P 4 15	<u>25</u>	9	<u>990</u>	15	<u>30</u>	9	<u>902</u>
P 5 20		12	<u>1157</u>	20	<u>30</u>	12	<u>1029</u>
P 6 25		15	<u>1286</u>	25	<u>31</u>	15	<u>1167</u>
P 7 30		18	<u>1369</u>	30	<u>31</u>	18	<u>1288</u>
P 8 35		21	<u>1463</u>	35	<u>31</u>	21	<u>1377</u>
P 9 40		24	<u>1524</u>	40	<u>31</u>	24	<u>1426</u>
P 10 45		27	<u>1565</u>	45	<u>31</u>	27	<u>1487</u>
P 11 50		30	<u>1582</u>	50	<u>31</u>	30	<u>1522</u>
P 12 55		33		55	<u>31</u>	33	<u>1564</u>
P 13 60		36		60	<u>31</u>	36	<u>1584</u>
P 14 65		39		65	<u>31</u>	39	<u>1605</u>
P 15 70		42		70	<u>31</u>	42	<u>1620</u>
P 16 75		45		75	<u>31</u>	45	<u>1625</u>
P 17 80		48		80	<u>31</u>	48	<u>1645</u>
P 18 85		51		85	<u>31</u>	51	<u>1652</u>
P 19 90		54		90	<u>31</u>	54	<u>1660</u>
P 20 95		57		95	<u>31</u>	57	<u>1668</u>
100		60		100	<u>31</u>	60	<u>1674</u>

WESTERN TESTING CO., INC.

Pressure Data

Date _____

Test Ticket No. 19108

Recorder No. _____ Capacity _____ Location _____ Ft.

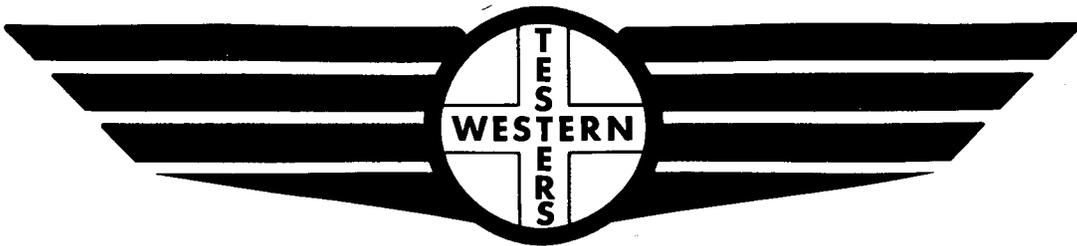
Clock No. _____ Elevation _____ Well Temperature _____ °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud _____	P.S.I.	Open Tool _____	M _____	
B First Initial Flow Pressure _____	P.S.I.	First Flow Pressure _____	Mins _____	Mins _____
C First Final Flow Pressure _____	P.S.I.	Initial Closed-in Pressure _____	Mins _____	Mins _____
D Initial Closed-in Pressure _____	P.S.I.	Second Flow Pressure _____	Mins _____	Mins _____
E Second Initial Flow Pressure _____	P.S.I.	Final Closed-in Pressure _____	Mins _____	Mins _____
F Second Final Flow Pressure _____	P.S.I.			
G Final Closed-in Pressure _____	P.S.I.			
H Final Hydrostatic Mud _____	P.S.I.			

PRESSURE BREAKDOWN

Point Mins.	First Flow Pressure	Initial Shut-In	Second Flow Pressure	Final Shut-In
	Breakdown: _____ Inc. of _____ mins. and a final inc. of _____ Min.	Breakdown: _____ Inc. of _____ mins. and a final inc. of _____ Min.	Breakdown: _____ Inc. of _____ mins. and a final inc. of _____ Min.	Breakdown: _____ Inc. of _____ mins. and a final inc. of _____ Min.
	Press.	Point Minutes Press.	Point Minutes Press.	Point Minutes Press.
P 1 105	_____	63 _____	105 _____	63 <u>1627</u>
P 2 110	_____	66 _____	110 _____	66 <u>1679</u>
P 3 115	_____	69 _____	115 _____	69 <u>1684</u>
P 4 120	_____	72 _____	120 _____	72 <u>1686</u>
P 5 125	_____	75 _____	125 _____	75 <u>1688</u>
P 6 130	_____	78 _____	130 _____	78 <u>1690</u>
P 7 135	_____	81 _____	135 _____	81 <u>1692</u>
P 8 140	_____	84 _____	140 _____	84 <u>1694</u>
P 9 145	_____	87 _____	145 _____	87 <u>1695</u>
P10 150	_____	90 _____	150 _____	90 <u>1696</u>
P11 155	_____	93 _____	155 _____	93 <u>1697</u>
P12 160	_____	96 _____	160 _____	96 <u>1698</u>
P13 165	_____	99 _____	165 _____	99 <u>1699</u>
P14 170	_____	102 _____	170 _____	102 <u>1700</u>
P15 175	_____	105 _____	175 _____	105 <u>1701</u>
P16 180	_____	108 _____	180 _____	108 <u>1702</u>
P17 185	_____	111 _____	185 _____	111 <u>1703</u>
P18 190	_____	114 _____	190 _____	114 <u>1704</u>
P19 195	_____	117 _____	195 _____	117 <u>1704</u>
P20 200	_____	120 _____	200 _____	120 _____

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone **1-800-688-7021**

COMPANY

BEREXCO, INC.

LEASE & WELL NO. #1-25 EDNA B

SEC. 25 TWP. 31S RGE. 33W TEST NO. 4

DATE 5/14/93

DST REPORT

GENERAL INFORMATION

DATE	: 5/14/93	TICKET	: 19108
CUSTOMER	: BEREXCO INC.	LEASE	: EDNA B
WELL	: #1-25	TEST:	4
ELEVATION:	2880 KB	GEOLOGIST:	GRIEVES
SECTION	: 25	FORMATION:	MORROW SDST
RANGE	: 33W	TOWNSHIP	: 31S
GAUGE SN#:	3849	STATE	: KS
	COUNTY: SEWARD	CLOCK	: 12
	RANGE : 4200		

WELL INFORMATION

PERFORATION INTERVAL FROM:	5518.00 ft	TO:	5530.00 ft	TVD:	5530.0 ft
DEPTH OF SELECTIVE ZONE:				TEST TYPE:	GAS
DEPTH OF RECORDERS:	5520.0 ft		5523.0 ft		
TEMPERATURE:	130.0				
DRILL COLLAR LENGTH:	610.0 ft	I.D.:		2.250 in	
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:		0.000 in	
DRILL PIPE LENGTH :	4880.0 ft	I.D.:		3.800 in	
TEST TOOL LENGTH :	28.0 ft	TOOL SIZE :		5.500 in	
ANCHOR LENGTH :	12.0 ft	ANCHOR SIZE:		5.500 in	
SURFACE CHOKE SIZE :	0.750 in	BOTTOM CHOKE SIZE:		0.750 in	
MAIN HOLE SIZE :	7.875 in	TOOL JOINT SIZE :		4.5XH	
PACKER DEPTH:	5513.0 ft	SIZE:		6.630 in	
PACKER DEPTH:	5518.0 ft	SIZE:		6.630 in	
PACKER DEPTH:	0.0 ft	SIZE:		0.000 in	
PACKER DEPTH:	0.0 ft	SIZE:		0.000 in	

MUD INFORMATION

DRILLING CON. :	BEREDCO #2.	VISCOSITY :	73.00 cp
MUD TYPE :	CHEMICAL	WATER LOSS:	8.200 cc
WEIGHT :	8.900 ppg	SERIAL NUMBER:	404
CHLORIDES :	2200 ppm	REVERSED OUT?:	NO
JARS-MAKE :	WTC		
DID WELL FLOW?:	NO		

COMMENTS

Comment

INITIAL FLOW PERIOD FAIR 4 INCH BLOW TO STRONG
BLOW - BOTTOM OF BUCKET IN 2 MINUTES. FINAL FLOW
PERIOD STRONG BLOW IMMEDIATELY. GAS TO SURFACE IN

DST REPORT (CONTINUED)

COMMENTS (CONTINUED)

Comment

40 MINUTES. SEE GAS SHEET ATTACHED.
PERIOD.

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
15.0	0.0	0.0	0.0	100.0	THIN MUD

RATE INFORMATION

OIL VOLUME: 0.0000 STB	
GAS VOLUME: 0.0000 SCF	TOTAL FLOW TIME: 130.0000 min.
MUD VOLUME: 0.0738 STB	AVERAGE OIL RATE: 0.0000 STB/D
WATER VOLUME: 0.0000 STB	AVERAGE WATER RATE: 0.0000 STB/D
TOTAL FLUID : 0.0738 STB	

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2663.00

Description	Duration	p1	p End
INITIAL FLOW	15.00	25.00	25.00
INITIAL SHUT-IN	30.00		1577.00
FINAL FLOW	120.00	25.00	25.00
FINAL SHUT-IN	120.00		1694.00

FINAL HYDROSTATIC PRESSURE: 2576.00

DST REPORT (CONTINUED)

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2735.00

Description	Duration	p1	p End
INITIAL FLOW	15.00	35.00	35.00
INITIAL SHUT-IN	30.00		1582.00
FINAL FLOW	115.00	29.00	31.00
FINAL SHUT-IN	117.00		1704.00

FINAL HYDROSTATIC PRESSURE: 2557.00

GAS FLOW REPORT

GENERAL INFORMATION

DATE : 5/14/93	TICKET : 19108
CUSTOMER : BEREXCO INC.	LEASE : EDNA B
WELL : #1-25 TEST: 4	GEOLOGIST: GRIEVES
ELEVATION: 2880 KB	FORMATION: MORROW SDST
SECTION : 25	TOWNSHIP : 31S
RANGE : 33W COUNTY: SEWARD	STATE : KS
GAUGE SN#: 3849 RANGE : 4200	CLOCK : 12

PRE FLOW

Time Guage (min)	Tester Type	Orifice Size	Pressure	Flow Desc.
---------------------	----------------	-----------------	----------	------------

SECOND FLOW

Time Guage (min)	Tester Type	Orifice Size	Pressure	Flow Desc.
45 MIN	MERLA	0.380	4" OF WTR	7140 SCF/D
50 MIN	MERLA	0.380	6.5" OF WTR	9100 SCF/D
60 MIN	MERLA	0.380	5.5" OF WTR	8370 SCF/D
70 MIN	MERLA	0.380	5.5" OF WTR	8370 SCF/D
80 MIN	MERLA	0.380	5.5" OF WTR	8370 SCF/D
90 MIN	MERLA	0.380	6" OF WTR	8740 SCF/D
100 MIN	MERLA	0.380	6" OF WTR	8740 SCF/D
110 MIN	MERLA	0.380	6" OF WTR	8740 SCF/D
120 MIN	MERLA	0.380	6" OF WTR	8740 SCF/D

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 5/14/93	TICKET : 19108
CUSTOMER : BEREXCO INC.	LEASE : EDNA B
WELL : #1-25	TEST: 4
ELEVATION: 2880 KB	GEOLOGIST: GRIEVES
SECTION : 25	FORMATION: MORROW SDST
RANGE : 33W	TOWNSHIP : 31S
GAUGE SN#: 3849	STATE : KS
COUNTY: SEWARD	CLOCK : 12
RANGE : 4200	

INITIAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	35.00	35.00
5.00	35.00	0.00
10.00	35.00	0.00
15.00	35.00	0.00

INITIAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	442.00	442.00	6.00
6.00	754.00	312.00	3.50
9.00	990.00	236.00	2.67
12.00	1157.00	167.00	2.25
15.00	1286.00	129.00	2.00
18.00	1369.00	83.00	1.83
21.00	1463.00	94.00	1.71
24.00	1524.00	61.00	1.63
27.00	1565.00	41.00	1.56
30.00	1582.00	17.00	1.50

FINAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	29.00	29.00
5.00	29.00	0.00
10.00	29.00	0.00
15.00	30.00	1.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
20.00	30.00	0.00
25.00	31.00	1.00
30.00	31.00	0.00
35.00	31.00	0.00
40.00	31.00	0.00
45.00	31.00	0.00
50.00	31.00	0.00
55.00	31.00	0.00
60.00	31.00	0.00
65.00	31.00	0.00
70.00	31.00	0.00
75.00	31.00	0.00
80.00	31.00	0.00
85.00	31.00	0.00
90.00	31.00	0.00
95.00	31.00	0.00
100.00	31.00	0.00
105.00	31.00	0.00
110.00	31.00	0.00
115.00	31.00	0.00

FINAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	436.00	436.00	39.33
6.00	709.00	273.00	20.17
9.00	902.00	193.00	13.78
12.00	1039.00	137.00	10.58
15.00	1167.00	128.00	8.67
18.00	1288.00	121.00	7.39
21.00	1377.00	89.00	6.48
24.00	1436.00	59.00	5.79
27.00	1487.00	51.00	5.26
30.00	1532.00	45.00	4.83
33.00	1564.00	32.00	4.48
36.00	1584.00	20.00	4.19
39.00	1605.00	21.00	3.95
42.00	1620.00	15.00	3.74
45.00	1635.00	15.00	3.56
48.00	1645.00	10.00	3.40
51.00	1653.00	8.00	3.25
54.00	1660.00	7.00	3.13

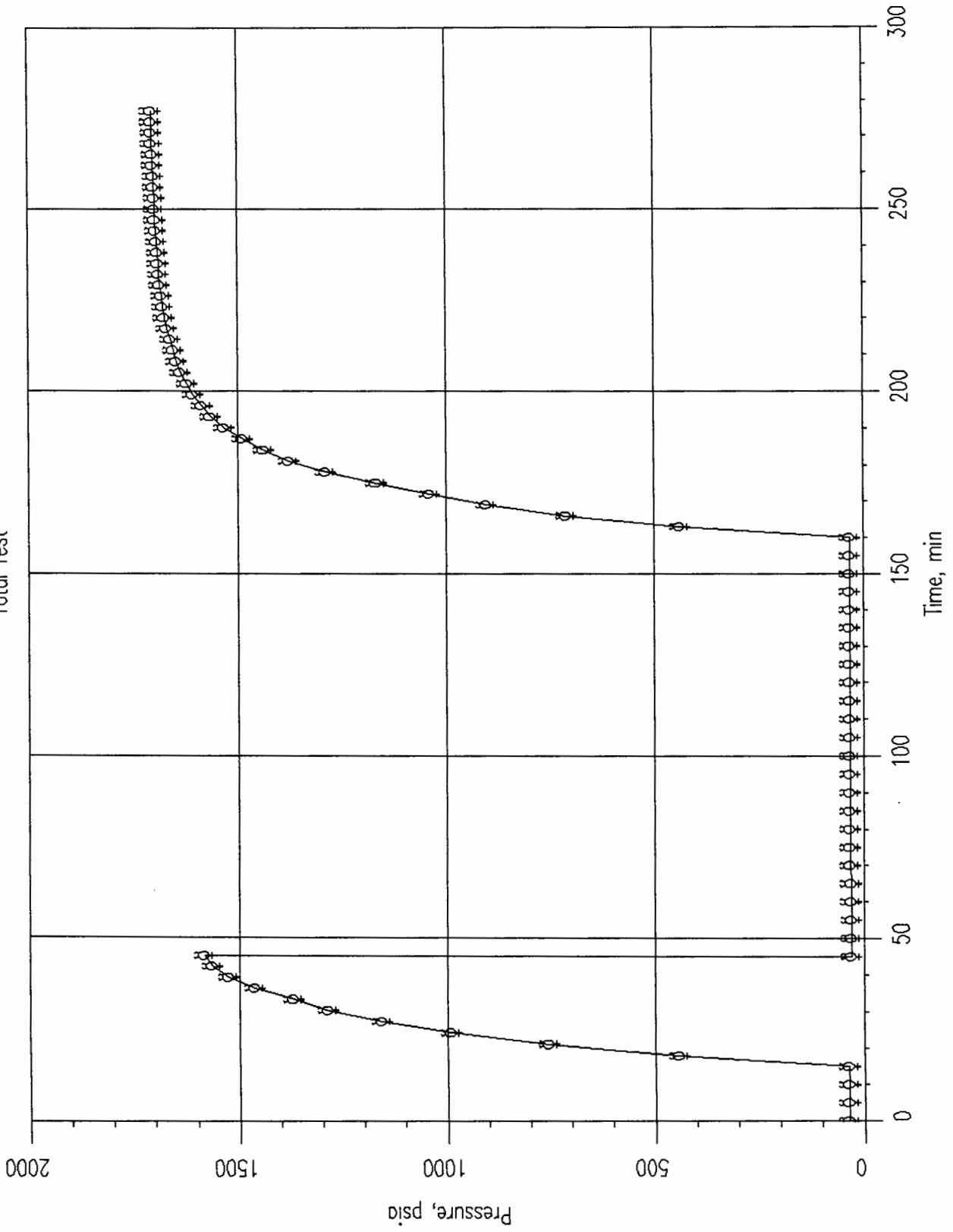
PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL SHUT IN (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
57.00	1668.00	8.00	3.02
60.00	1674.00	6.00	2.92
63.00	1677.00	3.00	2.83
66.00	1679.00	2.00	2.74
69.00	1684.00	5.00	2.67
72.00	1686.00	2.00	2.60
75.00	1688.00	2.00	2.53
78.00	1690.00	2.00	2.47
81.00	1692.00	2.00	2.42
84.00	1694.00	2.00	2.37
87.00	1695.00	1.00	2.32
90.00	1696.00	1.00	2.28
93.00	1697.00	1.00	2.24
96.00	1698.00	1.00	2.20
99.00	1699.00	1.00	2.16
102.00	1700.00	1.00	2.13
105.00	1701.00	1.00	2.10
108.00	1702.00	1.00	2.06
111.00	1703.00	1.00	2.04
114.00	1704.00	1.00	2.01
117.00	1704.00	0.00	1.98

Profile Plot

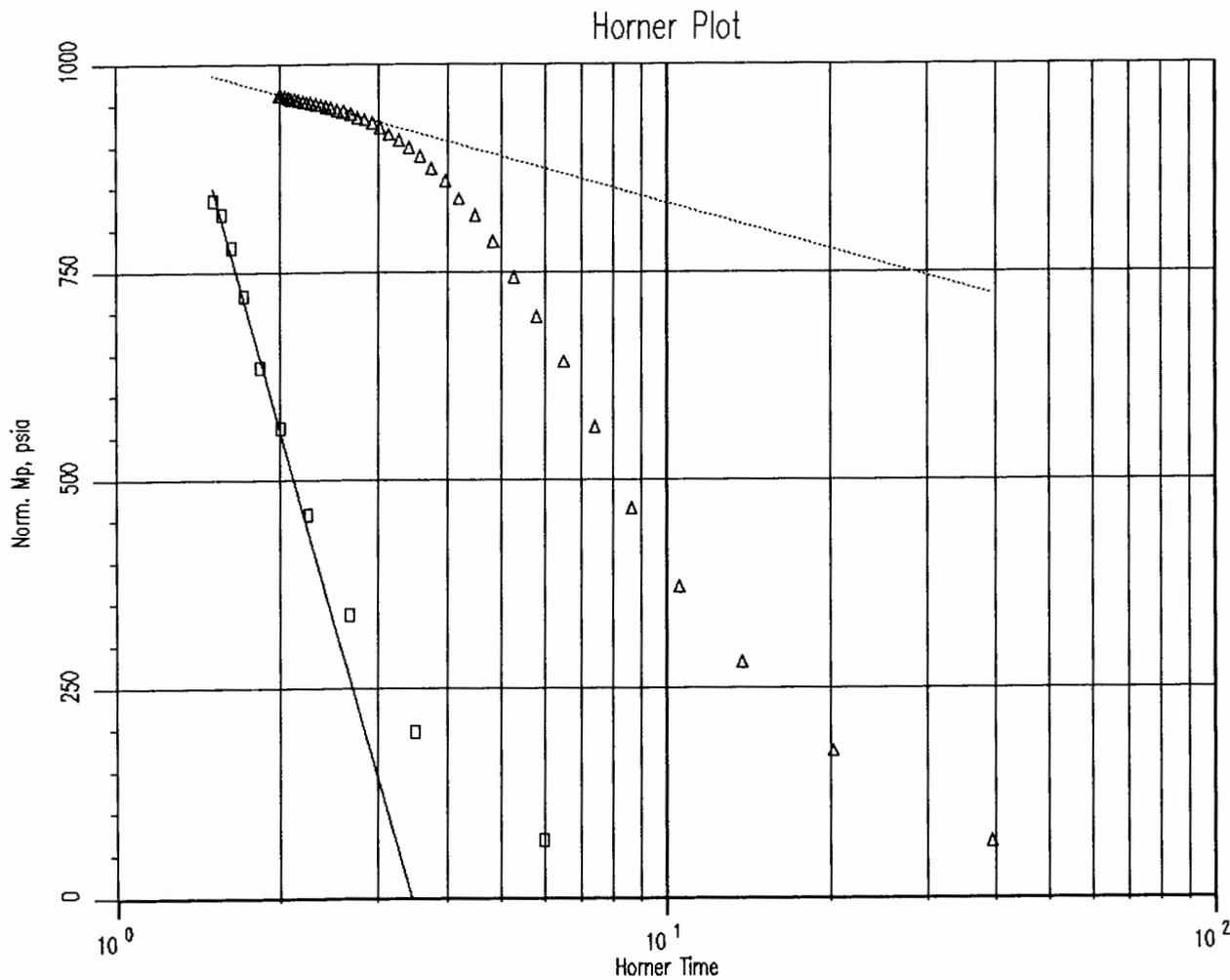
Total Test



DATE 5/14/93
 CUSTOMER BEREXCO INC.
 WELL #1-25
 ELEVATION 2880 KB
 SECTION 25
 RANGE 33W
 GAUGE SN# 3849

TEST 4
 COUNTY SEWARD
 RANGE 4200

TICKET 19108
 LEASE EDNA B
 GEOLOGIST GRIEVES
 FORMATION MORROW SDST
 TOWNSHIP 31S
 STATE KS
 CLOCK 12



Result

	#1	#2
tp, hrs	0.25	1.92
Slope	-2357.72	-185.47
Pstar, psig	1976.88	1757.33
P1hr, psig	1036.87	932.37
Skin	0.65	4.06
k, md	0.00	0.02
kh/u, md-ft/cp	0.96	12.20
ri, ft	0.42	4.19
DR, %	0.77	3.00
Drawdown Factor, %		-0.077
Drawdown P*		0.111

— BUILD 1
 BUILD 2

HORNER ANALYSIS REPORT

GENERAL INFORMATION

DATE : 5/14/93	TICKET : 19108
CUSTOMER : BEREXCO INC.	LEASE : EDNA B
WELL : #1-25 TEST: 4	GEOLOGIST: GRIEVES
ELEVATION: 2880 KB	FORMATION: MORROW SDST
SECTION : 25	TOWNSHIP : 31S
RANGE : 33W COUNTY: SEWARD	STATE : KS
GAUGE SN#: 3849 RANGE : 4200	CLOCK : 12

Input Data

Porosity 0.200 Rw: 0.328 ft h: 10.000 ft

qg 8740.0 STB

Pvt Data

Evaluation Pressure : 1582.0
 Evaluation Temperature: 130.0

Gas Grav 0.65 API
 Bg 0.002 RBL/STB Vis 0.015 cp Ct 7.0177E-004 1/PSI

Horner Results

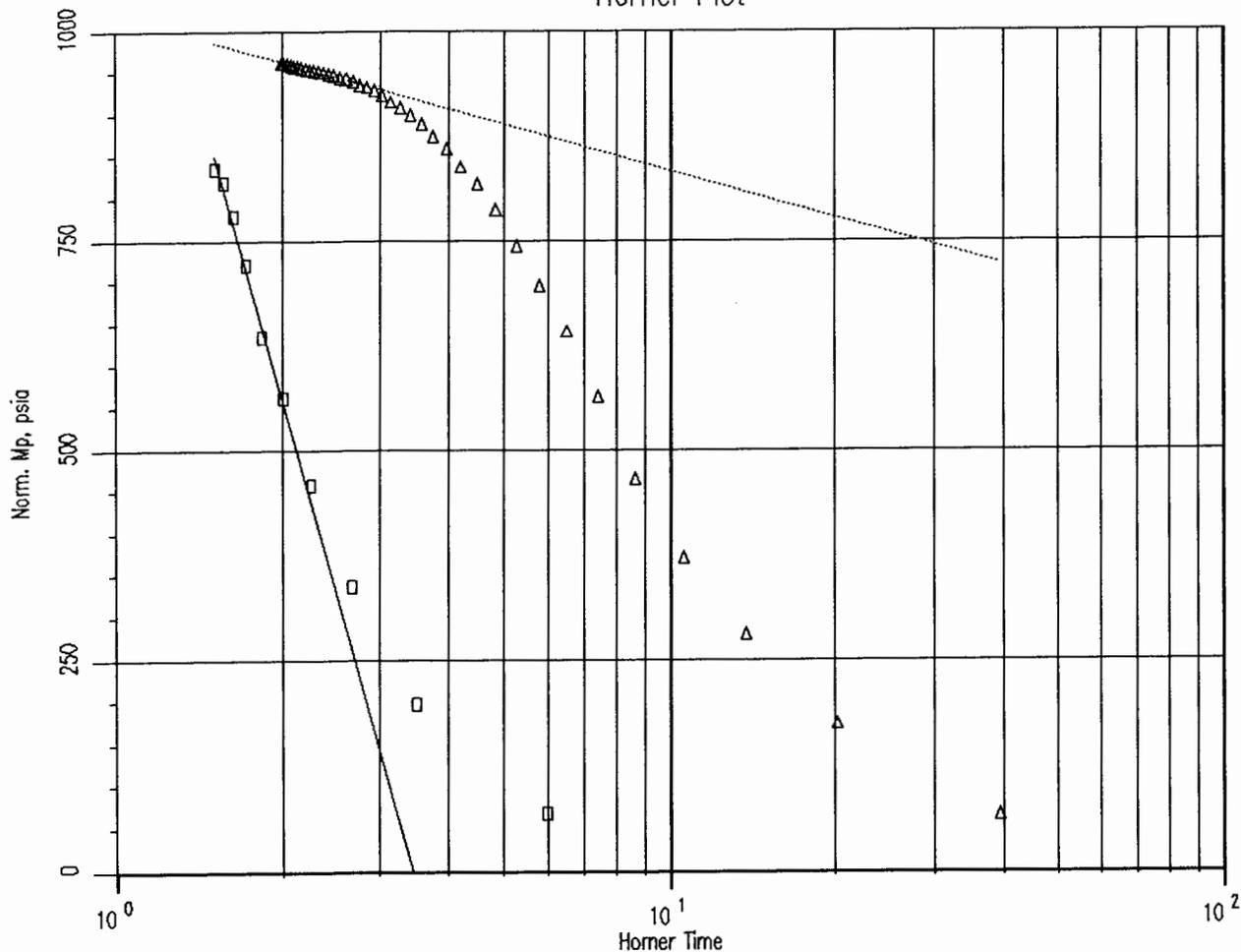
	Inital Shut-In	Final Shut-In
pseudo pressure time	0.25 hrs	1.92 hrs
slope	-2357.72	-185.47
pstar	1976.88 psig	1757.33 psig
plhr	1036.87 psig	932.37 psig
skin	0.65	4.06
permeability	0.00 md	0.02 md
transmisability	0.96 md-ft/cp	12.20 md-ft/cp
radius of investigation	0.42 ft	4.19 ft
Damage-Ratio	0.77 percent	3 percent
Drawdown Factor		-0.077 percent
Drawdown P*		0.111 percent

DATE 5/14/93
 CUSTOMER BEREXCO INC.
 WELL #1-25
 ELEVATION 2880 KB
 SECTION 25
 RANGE 33W
 GAUGE SN# 3849

TEST 4
 COUNTY SEWARD
 RANGE 4200

TICKET 19108
 LEASE EDNA B
 GEOLOGIST GRIEVES
 FORMATION MORROW SDST
 TOWNSHIP 31S
 STATE KS
 CLOCK 12

Horner Plot



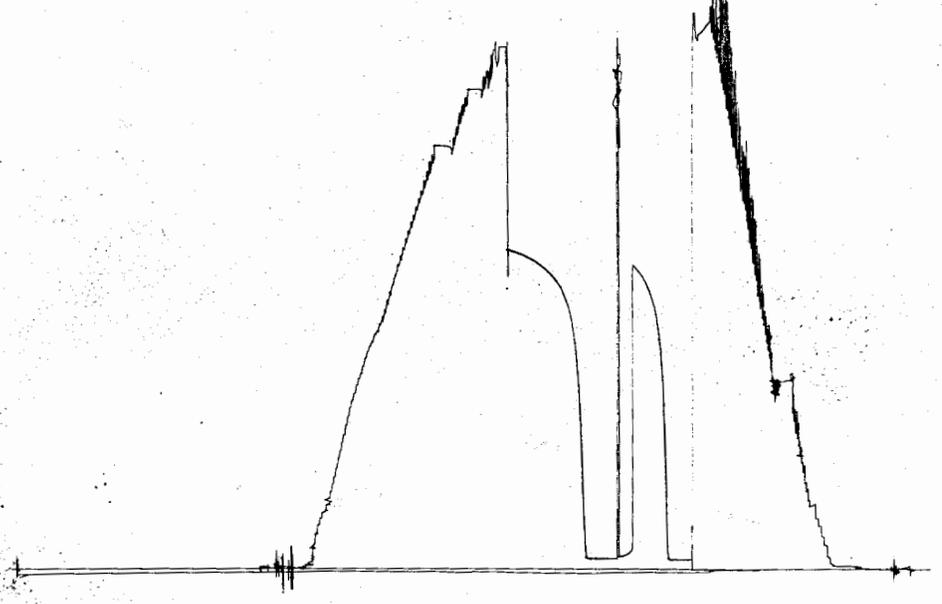
Result

	#1	#2
tp, hrs	0.25	1.92
Slope	-2357.72	-185.47
Pstar, psig	1976.88	1757.33
P1hr, psig	1036.87	932.37
Skin	0.76	4.17
k, md	0.00	0.02
kh/u, md-ft/cp	0.96	12.20
ri, ft	0.38	3.75
DR, %	0.92	3.18
Drawdown Factor, %		-0.077
Drawdown P*		0.111

— BUILD 1
 BUILD 2

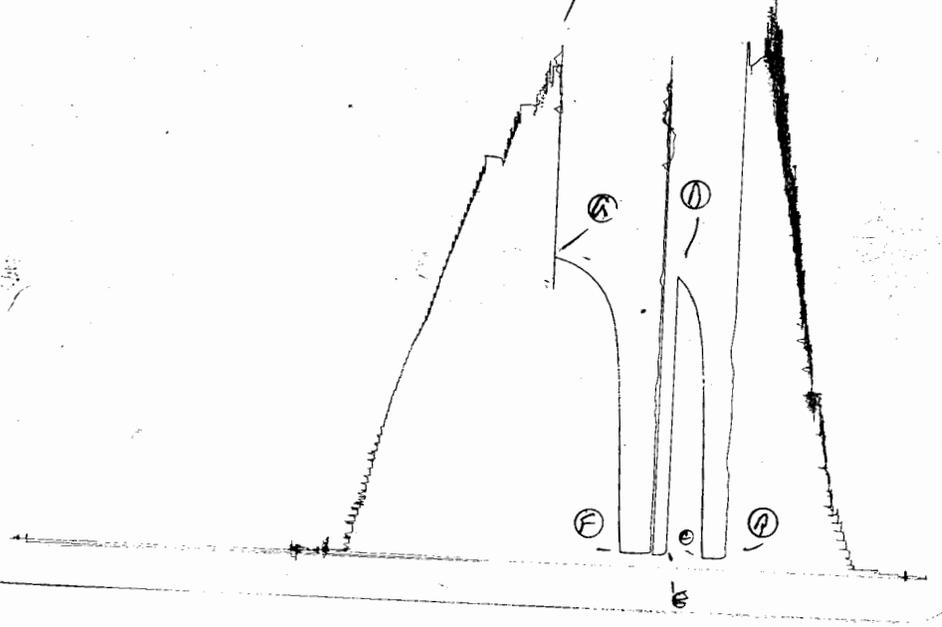
13548
DST#5

KT 19076 7
①



13521
DST#5

KT 19076 7
I





WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET

No 19076

P. O. BOX 1599 WICHITA, KANSAS 67201 PHONE (316) 262-5861

Elevation 2880 KB Formation St Louis Eff. Pay 9 Ft.

District Garden City Date 5-17-93 Customer Order No.

COMPANY NAME Berexco Inc ADDRESS 970 Fourth Financial Center Wichita Ks 67202 LEASE AND WELL NO Edna "B" 1-25 COUNTY Seward STATE KS Sec 21 Twp 31 Rge 33 Mail Invoice To Same Co. Name Address No. Copies Requested Reg Mail Charts To Dist. Sheet Address No. Copies Requested Dist. Sheet

Formation Test No. 5 Interval Tested From 5870 ft. to 5900 ft. Total Depth 5900 ft. Packer Depth 5865 ft. Size 6 5/8 in. Packer Depth 5870 ft. Size 6 5/8 in. Packer Depth - ft. Size - in. Depth of Selective Zone Set -

Top Recorder Depth (Inside) 5895 ft. Recorder Number 13521 Cap. 4375 Bottom Recorder Depth (Outside) 5898 ft. Recorder Number 13548 Cap. 4075 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Berexco Rig 2 Mud Type Chemical Viscosity 61 Weight 9.0 Water Loss 8.4 Chlorides 3100 P.P.M. Jars: Make Western Serial Number - Did Well Flow? NO Reversed Out NO Drill Collar Length 610 I. D. 2.25 in. Weight Pipe Length - I. D. - in. Drill Pipe Length 5231 I. D. 3.8 in. Test Tool Length 29 ft. Tool Size 5 1/2 in. Anchor Length 30 ft. Size 5 1/2 in. Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in. Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 in.

Blow: IF Surge No Blow IS No Blow FF open 10 min No Blow Flush tool No Blow FS No Blow

Recovered 10 ft. of Mud Recovered ft. of Chlorides P.P.M. Sample Jars used Remarks: MAY 18 1993

Time On Location 12:30 A.M. Time Pick Up Tool 3:30 A.M. Time Off Location 11:30 A.M. Time Set Packer(s) 5:45 A.M. Time Started Off Bottom 8:00 A.M. Maximum Temperature 136 P.M. Initial Hydrostatic Pressure (A) 3004 P.S.I. Initial Flow Period Minutes 15 (B) 55 P.S.I. to (C) 55 P.S.I. Initial Closed In Period Minutes 30 (D) 1463 P.S.I. Final Flow Period Minutes 30 (E) 55 P.S.I. to (F) 666 P.S.I. Final Closed In Period Minutes 60 (G) 1739 P.S.I. Final Hydrostatic Pressure (H) 2949 P.S.I.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to 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, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By [Signature] Signature of Customer or his authorized representative

Western Representative [Signature]

FIELD INVOICE

Open Hole Test \$ 700 Misrun \$ Straddle Test \$ Jars \$ 225 Selective Zone \$ Safety Joint \$ 25 Standby \$ Evaluation \$ Extra Packer \$ Circ. Sub. \$ Mileage \$ Fluid Sampler \$ Extra Charts \$ 10 Insurance \$ Telecopier \$ 960 TOTAL \$ 960

WESTERN TESTING CO., INC.

Pressure Data

Date 5-17-93

Test Ticket No. 19076

Recorder No. ASJH

Capacity _____ Location _____

Clock No. _____ Elevation _____ Well Temperature _____

Point	Pressure	P.S.I.	Open Tool	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2967</u>	P.S.I.	_____	_____	_____
B First Initial Flow Pressure	<u>64</u>	P.S.I.	First Flow Pressure	_____	_____
C First Final Flow Pressure	<u>64</u>	P.S.I.	Initial Closed-in Pressure	_____	_____
D Initial Closed-in Pressure	<u>1665</u>	P.S.I.	Second Flow Pressure	_____	_____
E Second Initial Flow Pressure	<u>69</u>	P.S.I.	Final Closed-in Pressure	_____	_____
F Second Final Flow Pressure	<u>25</u>	P.S.I.			
G Final Closed-in Pressure	<u>1747</u>	P.S.I.			
H Final Hydrostatic Mud	<u>2829</u>	P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	<u>64</u>	0	<u>64</u>	0	<u>69</u>	0	<u>75</u>
P 2 5	<u>64</u>	3	<u>602</u>	5	<u>75</u>	3	<u>367</u>
P 3 10	<u>64</u>	6	<u>1029</u>	10	<u>69</u>	6	<u>867</u>
P 4 15	<u>64</u>	9	<u>1308</u>	15	<u>75 FT</u>	9	<u>1159</u>
P 5 20		12	<u>1428</u>	20	<u>75</u>	12	<u>1332</u>
P 6 25		15	<u>1509</u>	25	<u>75</u>	15	<u>1431</u>
P 7 30		18	<u>1558</u>	30	<u>75</u>	18	<u>1491</u>
P 8 35		21	<u>1599</u>	35	<u>75</u>	21	<u>1546</u>
P 9 40		24	<u>1627</u>	40		24	<u>1576</u>
P10 45		27	<u>1650</u>	45		27	<u>1605</u>
P11 50		30	<u>1665</u>	50		30	<u>1627</u>
P12 55		33		55		33	<u>1646</u>
P13 60		36		60		36	<u>1664</u>
P14 65		39		65		39	<u>1681</u>
P15 70		42		70		42	<u>1692</u>
P16 75		45		75		45	<u>1705</u>
P17 80		48		80		48	<u>1715</u>
P18 85		51		85		51	<u>1725</u>
P19 90		54		90		54	<u>1731</u>
P20 95		57		95		57	<u>1740</u>
100		60		100		60	<u>1747</u>

TO: BEREXCO INC.
5101 N. CLASSEN SUITE 205
OKLAHOMA CITY, OKLAHOMA 73118

FROM: WESTERN TESTING CO. INC.
P.O. BOX 1599
WICHITA, KANSAS 67201-1599

SUBJECT: COPIES OF DRILL STEM TEST MAILED TO INTEREST OWNERS.

DATE : MAY 18, 1993

WELL NAME & NUMBER: #1-25 EDNA B

TEST NUMBERS: 5

LOCATION: SEWARD CO., KS

COPIES MAILED TO:

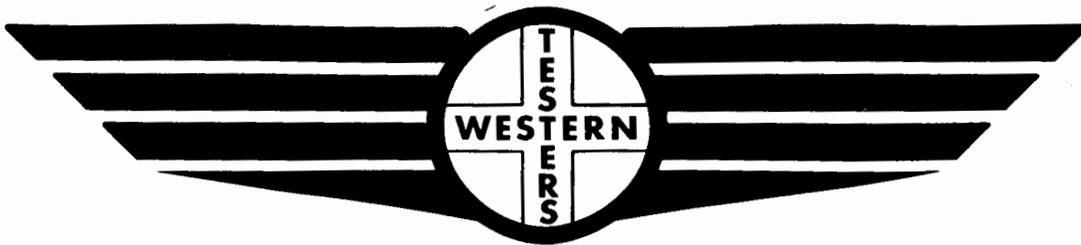
BEREXCO, INC.
970 FOURTH FINANCIAL CENTER
WICHITA, KS 67202
(INVOICE + 2 COPIES)

MCCOY PETROLEUM CORP.
110 S. MAIN, SUITE 500
WICHITA, KS 67202
ATTN: KEVIN MCCOY
(2 COPIES)

BEREXCO INC.
5101 N. CLASSEN BLVD. SUITE 205
OKLAHOMA CITY, OK 73118
ATTN: PETE WILSON
(ORIGINAL + 1 COPY)

VAN LEIGHTON
AMOCO PRODUCTION COMPANY
PO BOX 800
DENVER, COLORADO 80201
(1 COPY)

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone **1 - 800 - 688 - 7021**

COMPANY

BEREXCO, INC.

LEASE & WELL NO. #1-25 EDNA B

SEC. 21 TWP. 31S RGE. 33W TEST NO.

5 DATE

5/17/93

DST REPORT

GENERAL INFORMATION

DATE : 5/17/93	TICKET : 19076
CUSTOMER : BEREXCO INC.	LEASE : EDNA B
WELL : #1-25 TEST: 5	GEOLOGIST: GRIEVES
ELEVATION: 2880 K.B.	FORMATION: ST LOUIS
SECTION : 25	TOWNSHIP : 31S
RANGE : 33W COUNTY: SEWARD	STATE : KS
GAUGE SN#: 13521 RANGE : 4375	CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 5870.00 ft	TO: 5900.00 ft	TVD: 5900.0 ft
DEPTH OF SELECTIVE ZONE:		TEST TYPE: OIL
DEPTH OF RECORDERS: 5895.0 ft	5898.0 ft	
TEMPERATURE: 136.0		
DRILL COLLAR LENGTH: 610.0 ft	I.D.:	2.250 in
WEIGHT PIPE LENGTH : 0.0 ft	I.D.:	0.000 in
DRILL PIPE LENGTH : 5231.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH : 29.0 ft	TOOL SIZE :	5.500 in
ANCHOR LENGTH : 30.0 ft	ANCHOR SIZE:	5.500 in
SURFACE CHOKE SIZE : 0.750 in	BOTTOM CHOKE SIZE:	0.750 in
MAIN HOLE SIZE : 7.875 in	TOOL JOINT SIZE :	4.5XH
PACKER DEPTH: 5865.0 ft	SIZE:	6.630 in
PACKER DEPTH: 5870.0 ft	SIZE:	6.630 in
PACKER DEPTH: 0.0 ft	SIZE:	0.000 in
PACKER DEPTH: 0.0 ft	SIZE:	0.000 in

MUD INFORMATION

DRILLING CON. : BEREDCO #2.	VISCOSITY : 61.00 cp
MUD TYPE : CHEMICAL	WATER LOSS: 8.400 cc
WEIGHT : 9.000 ppg	
CHLORIDES : 3100 ppm	SERIAL NUMBER: 405
JARS-MAKE : WTC	REVERSED OUT?: NO
DID WELL FLOW?: NO	

COMMENTS

Comment

INITIAL FLOW PERIOD SURGE- NO BLOW. FINAL FLOW
PERIOD OPEN 10 MINUTES - NO BLOW. FLUSHED TOOL.
NO BLOW.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
10.0	0.0	0.0	0.0	100.0	MUD

RATE INFORMATION

OIL VOLUME:	0.0000 STB	TOTAL FLOW TIME:	50.0000 min.
GAS VOLUME:	0.0000 SCF	AVERAGE OIL RATE:	0.0000 STB/D
MUD VOLUME:	0.0492 STB	AVERAGE WATER RATE:	0.0000 STB/D
WATER VOLUME:	0.0000 STB		
TOTAL FLUID :	0.0492 STB		

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 3004.00

Description	Duration	p1	p End
INITIAL FLOW	15.00	55.00	55.00
INITIAL SHUT-IN	30.00		1663.00
FINAL FLOW	30.00	55.00	66.00
FINAL SHUT-IN	60.00		1739.00

FINAL HYDROSTATIC PRESSURE: 2949.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2967.00

Description	Duration	p1	p End
INITIAL FLOW	15.00	64.00	64.00
INITIAL SHUT-IN	30.00		1665.00
FINAL FLOW	35.00	69.00	75.00
FINAL SHUT-IN	60.00		1747.00

FINAL HYDROSTATIC PRESSURE: 2829.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE	: 5/17/93	TICKET	: 19076
CUSTOMER	: BEREXCO INC.	LEASE	: EDNA B
WELL	: #1-25	TEST:	5
ELEVATION:	2880 K.B.	GEOLOGIST:	GRIEVES
SECTION	: 25	FORMATION:	ST LOUIS
RANGE	: 33W	TOWNSHIP	: 31S
GAUGE SN#:	13521	STATE	: KS
		CLOCK	: 12
		COUNTY:	SEWARD
		RANGE	: 4375

INITIAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	64.00	64.00
5.00	64.00	0.00
10.00	64.00	0.00
15.00	64.00	0.00

INITIAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	602.00	602.00	0.00
6.00	1079.00	477.00	0.00
9.00	1308.00	229.00	0.00
12.00	1428.00	120.00	0.00
15.00	1509.00	81.00	0.00
18.00	1558.00	49.00	0.00
21.00	1599.00	41.00	0.00
24.00	1627.00	28.00	0.00
27.00	1650.00	23.00	0.00
30.00	1665.00	15.00	0.00

FINAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	69.00	69.00
5.00	69.00	0.00
10.00	69.00	0.00
15.00	75.00	6.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
20.00	75.00	0.00
25.00	75.00	0.00
30.00	75.00	0.00
35.00	75.00	0.00

FINAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	364.00	364.00	0.00
6.00	867.00	503.00	0.00
9.00	1159.00	292.00	0.00
12.00	1332.00	173.00	0.00
15.00	1431.00	99.00	0.00
18.00	1491.00	60.00	0.00
21.00	1546.00	55.00	0.00
24.00	1576.00	30.00	0.00
27.00	1605.00	29.00	0.00
30.00	1627.00	22.00	0.00
33.00	1646.00	19.00	0.00
36.00	1664.00	18.00	0.00
39.00	1681.00	17.00	0.00
42.00	1692.00	11.00	0.00
45.00	1705.00	13.00	0.00
48.00	1715.00	10.00	0.00
51.00	1725.00	10.00	0.00
54.00	1731.00	6.00	0.00
57.00	1740.00	9.00	0.00
60.00	1747.00	7.00	0.00