15-083-21463

4-21-21W

WELL NAME: #1 Barricklow
COMPANY: Becker Oil Corporation
LOCATION: ~~4-21s-12w~~ 4-21s-21W
Hodgeman co Kansas
DATE: 5/25/00

TRILOBITE TESTING L.L.C.

OPERATOR : Becker Oil Company DATE 5-20-00
WELL NAME: #1 Barricklow KB 2204.00 ft TICKET NO: 12908 DST #1
LOCATION : 4-21s-21w Hodgeman co KS GR 2194.00 ft FORMATION: Krider
INTERVAL : 2256.00 To 2320.00 ft TD 2320.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins			Field	1	2	3	4
PF	15	Rec.	13308	13308			
SI	30	Range(Psi)	4700.0	4700.0	0.0	0.0	0.0
SF	60	Clock(hrs)	12	12			
FS	75	Depth(ft)	2259.0	2259.0	0.0	0.0	0.0

TIME DATA----------
PF Fr. 1035 to 1050 hr
IS Fr. 1050 to 1120 hr
SF Fr. 1120 to 1220 hr
FS Fr. 1220 to 1335 hr

	Field	1	2	3	4
A. Init Hydro	1217.0	1210.0	0.0	0.0	0.0
B. First Flow	181.0	157.0	0.0	0.0	0.0
B1. Final Flow	0.0	0.0	0.0	0.0	0.0
C. In Shut-in	631.0	612.0	0.0	0.0	0.0
D. Init Flow	121.0	133.0	0.0	0.0	0.0
E. Final Flow	217.0	246.0	0.0	0.0	0.0
F. Fl Shut-in	631.0	621.0	0.0	0.0	0.0
G. Final Hydro	1194.0	1174.0	0.0	0.0	0.0
Inside/Outside	O	O			

T STARTED 0937 hr
T ON BOTM 1030 hr
T OPEN 1035 hr
T PULLED 1335 hr
T OUT 1430 hr

RECOVERY
Tot Fluid 190.00 ft of 190.00 ft in DC and 0.00 ft in DP
190.00 ft of Gassy mud
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
SALINITY 0.00 P.P.M. A.P.I. Gravity 0.00

TOOL DATA----------

Tool Wt.	3000.00 lbs
Wt Set On Packer	20000.00 lbs
Wt Pulled Loose	46000.00 lbs
Initial Str Wt	40000.00 lbs
Unseated Str Wt	42000.00 lbs
Bot Choke	0.75 in
Hole Size	7.80 in
D Col. ID	2.25 in
D. Pipe ID	3.80 in
D.C. Length	212.00 ft
D.P. Length	2027.00 ft

BLOW DESCRIPTION
Initial Flow:
Weak 1/4" blow. Tool plugged.

Final Flow:
Strong-bottom of bucket in 30 seconds
Gas to surface in 13 minutes.
(see report)

Sampler Data

Gas	4000 mL
Pressure	650 PSI
Total	4000 mL
Viscosity	40
Mud Weight	10.2
Filtrate	14

SAMPLES:
SENT TO:

MUD DATA----------

Mud Type	Chemical
Weight	10.20 lb/cf
Vis.	40.00 S/L
W.L.	14.00 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	88.00 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	Paul Simpson
Co. Rep.	Clyde Becker JR
Contr.	Mallard
Rig #	1
Unit #	
Pump T.	

Test Successful: Y

GAS RECOVERY

COMPANY: Becker Oil Company DATE: 5-20-00
WELL NAME: #1 Barricklow KB Elev: 2204.00 ft TICKET #12908 DST #1
WELL LOCATION: 4-21s-21w Hodgeman co KS GR Elev: 2194.00 ft FORMATION: Krider
INTERVAL Fr.: 2256.00 To 2320.00 T.D.: 2320.00 ft TEST TYPE: CONVENTIONAL

GAS RECOVERY MEASURED WITH Adj. choke

***** GAS RATES FOR FLOW #1

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
15	0.25	30	0	65.6
30	0.31	30	0	81.1
25	0.44	23	0	178.4
30	0.44	21	0	168.6
35	0.44	24	0	182.8
40	0.44	25	0	187.5
45	0.44	26	0	192.3
50	0.44	29	0	206.5
60	0.44	32	0	220.7

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

Sample From:	#1 Barricklow DST 1	Pressure:	
Producer:	Becker Oil Corp	Temperature:	
Time:		County:	Hodgeman
Sampler:		State:	Kansas
Source:		Formation:	Krider

		Mole %	GPM
Helium	He:	1.197	0.000
Hydrogen	H2:	0.000	0.000
Oxygen	O2:	0.000	0.000
Nitrogen	N2:	37.078	0.000
Carbon Dioxide	CO2:	0.013	0.000
Methane	C1:	61.064	0.000
Ethane	C2:	0.525	0.140
Propane	C3:	0.060	0.017
Iso Butane	iC4:	0.004	0.001
Normal Butane	nC4:	0.007	0.002
Iso Pentane	iC5:	0.003	0.001
Normal Pentane	nC5:	0.004	0.001
Hexanes Plus	C6+:	0.045	0.020
	TOTAL:	100.000	0.183

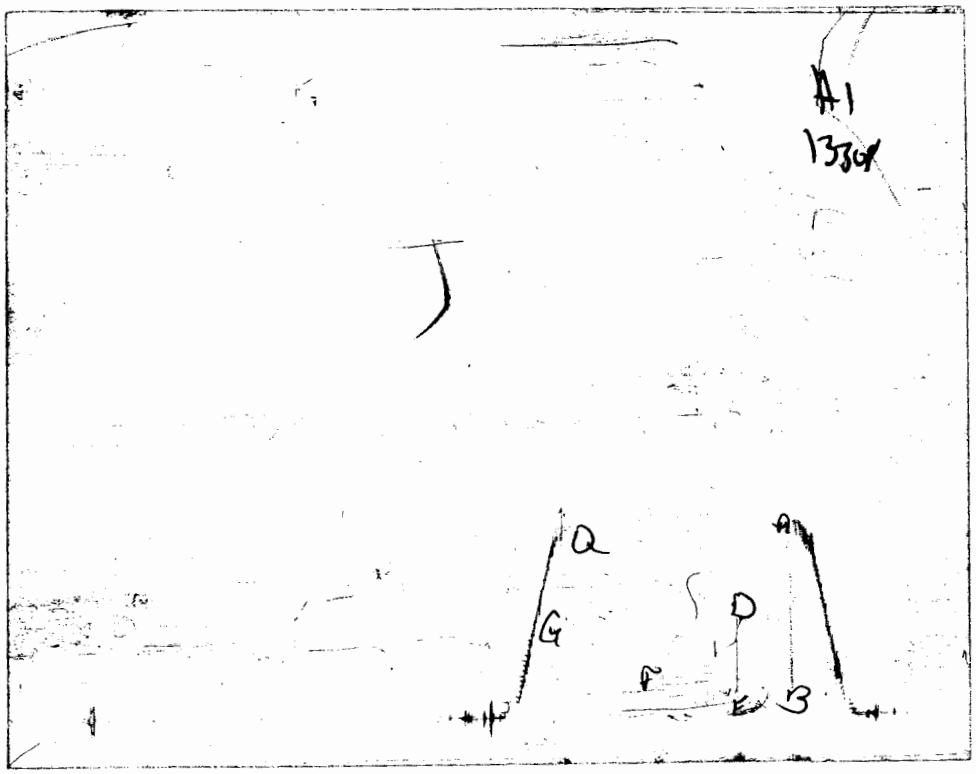
Z Fact: 0.9989

SP.GR.: 0.7080

BTU (SAT):	621.6 @ 14.73 psia
BTU (DRY):	632.6 @ 14.73 psia
OCTANE RATING:	80.0

COMMENTS: 0.000

CHART PAGE



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

TRILOBITE TESTING L.L.C.

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

GAS VOLUME REPORT

Becker Oil Corp — OPERATOR

Barricklow #1 — WELL NAME AND NO.

1 — DST NO.

PSIG final flow

Min.	Ins. of Water PSIG	Orifice Size	MCF/D	Min.	Ins. of Water PSIG	Orifice Size	MCF/D
15	30	1/4	65.6				
30	30	5/16	81.1				
45	23	7/16	198.4				
30	21	" "	168.6				
35	24		182.8				
40	25		187.5				
45	26		192.3				
50	29		206.5				
60	32		220.7				

Remarks: Caught sample
will burn

TRILOBITE TESTING L.L.C.

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 12908 Date 5-20-2000

Company Name Beta Oil Corp

Lease #1 Barrick low Test No. 1

County Hodgeman Ks Sec. 4 Twp. 21s Rng. 21w

SAMPLER RECOVERY

Gas 4000 ml ML

Oil ML

Mud ML

Water ML

Other ML

Pressure 650# PSI

Total 4000 ML

PIT MUD ANALYSIS

Chlorides ppm.

Resistivity ohms @ F

Viscosity 40

Mud Weight 10.3

Filtrate 14

Other

SAMPLER ANALYSIS

Resistivity ohms @ F

Chlorides ppm.

Gravity corrected @ 60 F

PIPE RECOVERY

TOP

Resistivity ohms @ F

Chlorides [redacted] ppm.

MIDDLE

Resistivity ohms @ F

Chlorides ppm.

BOTTOM

Resistivity ohms @ F

Chlorides ppm.

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

№ 12908

Test Ticket

Well Name & No. #1 Barrickman Test No. 1 Date 5-20-2000

Company Becker Oil Company Zone Tested Krider

Address _____ Elevation 2204 KB 2199 GL

Co. Rep / Geo. Clyde Becker Jr Cont. Mallard J.V. Est. Ft. of Pay ____ Por. ____ %

Location: Sec. 4 Twp. 21s Rge. 21w Co. Hodgeman State Ks

No. of Copies ____ Distribution Sheet (Y, N) ____ Turnkey (Y, N) ____ Evaluation (Y, N) ____

Interval Tested 2256-2320 Initial Str Wt./Lbs. 40,000 Unseated Str Wt./Lbs. 42,000

Anchor Length 64 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 46,000

Top Packer Depth 2251 Tool Weight 300

Bottom Packer Depth 2256 Hole Size — 7 7/8" ____ Rubber Size — 6 3/4" ____

Total Depth 2320 Wt. Pipe Run ____ Drill Collar Run 212

Mud Wt. 10.2 LCM ____ Vis. 40 WL 14 Drill Pipe Size 4½ XH Ft. Run 2027

Blow Description weak ½" blow

ff - strong - bottom of bucket in 30 seconds GTS in 13 minutes (see report)

Recovery — Total Feet 190 GIP ____ Ft. in DC 190 Ft. in DP ____

Rec. 190	Feet Of gassy Mud	%gas	%oil	%water	%mud	
Rec. ____	Feet Of ____	%gas	%oil	%water	%mud	
Rec. ____	Feet Of ____	%gas	%oil	%water	%mud	
Rec. ____	Feet Of ____	%gas	%oil	%water	%mud	
Rec. ____	Feet Of tool plugged ff	%gas	%oil	%water	%mud	

BHT 88 °F Gravity ____ °API D@ ____ °F Corrected Gravity ____ °API

RW ____ @ ____ °F Chlorides ____ ppm Recovery Chlorides ____ ppm System

	AK-1	Alpine					
(A) Initial Hydrostatic Mud	1217		PSI	Recorder No.	13308	T-On Location	0900
(B) First Initial Flow Pressure	181		PSI	(depth)	2259	T-Started	0937
(C) First Final Flow Pressure	-		PSI	Recorder No.	24174	T-Open	1035
(D) Initial Shut-In Pressure	631		PSI	(depth)	2317	T-Pulled	1335
(E) Second Initial Flow Pressure	121		PSI	Recorder No.	____	T-Out	1430
(F) Second Final Flow Pressure	217		PSI	(depth)	____	T-Off Location	1515
(G) Final Shut-in Pressure	631		PSI	Initial Opening	15	Test	600
(Q) Final Hydrostatic Mud	1194		PSI	Initial Shut-in	30	Jars	____
				Final Flow	~~30~~ ~~45~~ 60	Safety Joint	____
				Final Shut-in	~~45~~ ~~60~~ 45	Straddle	____
					36 strong	Circ. Sub	____
					____	Sampler	X 200
						Extra Packer	____
						Elec. Rec.	____
						Mileage	____
						Other	____
						TOTAL PRICE $	800

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 Clyde M. Becker Jr

Our Representative Paul Simpson

TRILOBITE TESTING L.L.C.

OPERATOR : Becker Oil Corporation DATE 5-20-00
WELL NAME: #1 Barricklow KB 2204.00 ft TICKET NO: 12909 DST #2
LOCATION : 4-21s-21w Hodgeman co KS GR 2194.00 ft FORMATION: Winfield
INTERVAL : 2339.00 To 2374.00 ft TD 2374.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4
PF 20	Rec.	13308	13308			
SI 40	Range(Psi)	4700.0	4700.0	0.0	0.0	0.0
SF 40	Clock(hrs)	12	12			
FS 60	Depth(ft)	2342.0	2342.0	0.0	0.0	0.0

TIME DATA----------
PF Fr. 2131 to 2151 hr
IS Fr. 2151 to 2231 hr
SF Fr. 2231 to 2311 hr
FS Fr. 2311 to 0011 hr

	Field	1	2	3	4
A. Init Hydro	1300.0	1291.0	0.0	0.0	0.0
B. First Flow	205.0	218.0	0.0	0.0	0.0
B1. Final Flow	229.0	243.0	0.0	0.0	0.0
C. In Shut-in	678.0	669.0	0.0	0.0	0.0
D. Init Flow	85.0	93.0	0.0	0.0	0.0
E. Final Flow	181.0	196.0	0.0	0.0	0.0
F. Fl Shut-in	654.0	663.0	0.0	0.0	0.0
G. Final Hydro	1288.0	1238.0	0.0	0.0	0.0
Inside/Outside	O	O			

T STARTED 2040 hr
T ON BOTM 2126 hr
T OPEN 2131 hr
T PULLED 0011 hr
T OUT 0132 hr

RECOVERY
Tot Fluid 490.00 ft of 212.00 ft in DC and 278.00 ft in DP
130.00 ft of Gassy watery mud
0.00 ft of 30% gas 30% water 40% mud
360.00 ft of Muddy water
0.00 ft of 90% water 10% mud
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
SALINITY 92000.00 P.P.M. A.P.I. Gravity 0.00

TOOL DATA----------

Tool Wt.	2700.00 lbs
Wt Set On Packer	20000.00 lbs
Wt Pulled Loose	50000.00 lbs
Initial Str Wt	38000.00 lbs
Unseated Str Wt	40000.00 lbs
Bot Choke	0.75 in
Hole Size	7.80 in
D Col. ID	2.25 in
D. Pipe ID	3.80 in
D.C. Length	212.00 ft
D.P. Length	2121.00 ft

BLOW DESCRIPTION
Initial Flow:
1" blow surging & building to bottom of bucket in 3 minutes. Gas to surface in 15 minutes.
Final Flow:
Strong blow. Gauging gas.

----------Sampler Data----------
Gas 4000 mL
Pressure 800 mL
Total 4000 mL
Chloride 76000 ppm.

MUD DATA----------

Mud Type	Chemical
Weight	10.20 lb/cf
Vis.	41.00 S/L
W.L.	13.00 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	0.00 F
Hole Condition	
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	
Tool Chased	
Tester	Paul Simpson
Co. Rep.	Clyde Becker Jr.
Contr.	Mallard
Rig #	1
Unit #	
Pump T.	

SAMPLES:
SENT TO:

Test Successful: Y

GAS RECOVERY

COMPANY: Becker Oil Corporation DATE: 5-20-00
WELL NAME: #1 Barricklow KB Elev: 2204.00 ft TICKET #12909 DST #2
WELL LOCATION: 4-21s-21w Hodgeman co KS GR Elev: 2194.00 ft FORMATION: Winfield
INTERVAL Fr.: 2339.00 To 2374.00 T.D.: 2374.00 ft TEST TYPE: CONVENTIONAL

GAS RECOVERY MEASURED WITH Adj. Choke

***** GAS RATES FOR FLOW #1

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
15	0.25	4	0	27.4
20	0.25	5	0	28.9

***** GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
10	0.25	10	0	34.8
20	0.19	10	0	19.8
30	0.19	12	0	21.4
40	0.19	14	0	23.0
50	0.19	16	0	24.6
60	0.19	19	0	27.0

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

Sample From: #1 Barricklow DST 2
Producer: Becker Oil Corp

Pressure:
Temperature:

Time:
Sampler:
Source:

County: Hodgeman
State: Kansas
Formation: Winfield

		Mole %	GPM
Helium	He:	1.150	0.000
Hydrogen	H2:	0.000	0.000
Oxygen	O2:	0.000	0.000
Nitrogen	N2:	37.199	0.000
Carbon Dioxide	CO2:	0.083	0.000
Methane	C1:	60.980	0.000
Ethane	C2:	0.526	0.141
Propane	C3:	0.054	0.015
Iso Butane	iC4:	0.003	0.001
Normal Butane	nC4:	0.003	0.001
Iso Pentane	iC5:	0.000	0.000
Normal Pentane	nC5:	0.000	0.000
Hexanes Plus	C6+:	0.002	0.001
	TOTAL:	100.000	0.158

Z Fact: 0.9989

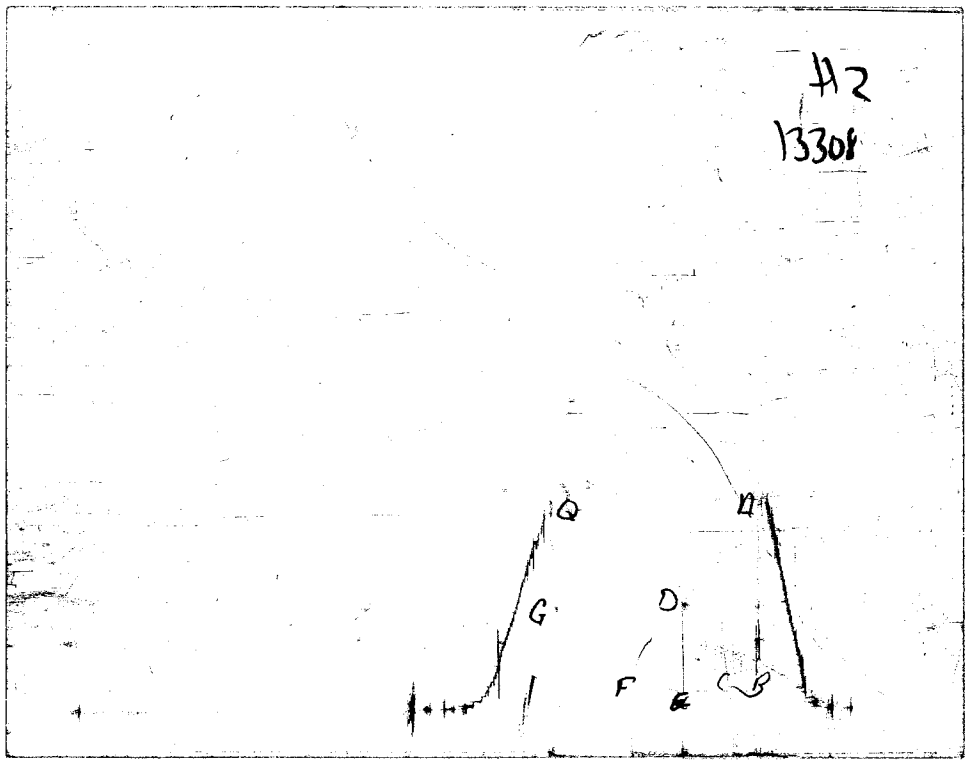
SP.GR.: 0.7080

BTU (SAT): 618.1 @ 14.73 psia
BTU (DRY): 629.0 @ 14.73 psia
OCTANE RATING: 79.9

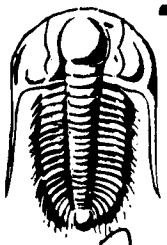
COMMENTS:

0.000

CHART PAGE



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



TRILOBITE TESTING L.L.C.

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

GAS VOLUME REPORT

Becker Oil Corp — OPERATOR

#1 Barnickow — WELL NAME AND NO.

2 — DST NO.

IF

Min.	~~Ins. of Water~~ PSIG	Orifice Size	MCF/D
15	4	1/4	27.4
20	5	1/4	28.9

FF

Min.	~~Ins. of Water~~ PSIG	Orifice Size	MCF/D
10	10	1/4	34.2
20	10	3/16	19.8
30	12	"	21.4
40	14	"	23
50	16	"	24.6
60	19	"	27

Remarks: 15 minutes IF

01 NCR

TRILOBITE TESTING L.L.C.

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 12909 Date 5-21-2000

Company Name Becker Oil Corp

Lease A1 Barrick low Test No. 2

County Hodgeman Ks Sec. 4 Twp. 21s Rng. 21w

SAMPLER RECOVERY

Gas 4000 ML

Oil ML

Mud ML

Water 71 ML

Other ML

Pressure 800 PSI

Total 4000 ML

PIT MUD ANALYSIS

Chlorides 76,000 ppm.

Resistivity ohms @ F

Viscosity

Mud Weight

Filtrate

Other

SAMPLER ANALYSIS

Resistivity ohms @ F

Chlorides ppm.

Gravity corrected @ 60 F

PIPE RECOVERY

TOP
Resistivity .24 ohms @ 55 F
Chlorides 48,000 ppm.

MIDDLE
Resistivity ohms @ F
Chlorides ppm.

BOTTOM
Resistivity .11 ohms @ 55 F
Chlorides 92,000 ppm.

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

№ 12909

Test Ticket

Well Name & No. #1 Bernadow Test No. 2 Date 5-20-2000

Company Becker Oil Corp Zone Tested Winfield

Address _____ Elevation _____ KB _____ GL

Co. Rep / Geo. Clyde Becker Jr Cont. Mallard Est. Ft. of Pay ____ Por. ____ %

Location: Sec. 4 Twp. 21s Rge. 21w Co. Hodgeman State Ks

No. of Copies ____ Distribution Sheet (Y, N) Yes Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 2339-2374 Initial Str Wt./Lbs. 38,000 Unseated Str Wt./Lbs. 40,000

Anchor Length 35 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 50,000

Top Packer Depth 2334 Tool Weight 2700

Bottom Packer Depth 2339 Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____

Total Depth 2374 Wt. Pipe Run _____ Drill Collar Run 212

Mud Wt. 10.3 LCM ____ Vis. 41 WL 13 Drill Pipe Size 4½XH Ft. Run 2121

Blow Description 1" blow surging & building to bottom of bucket in 3 minutes
GTS in 15 minutes
FF- strong blow gurging gas

Recovery — Total Feet 490 GIP _____ Ft. in DC 212 Ft. in DP 278

Rec. 130	Feet Of	gassy watery mud	30 %gas	%oil	30 %water	40 %mud
Rec. 360	Feet Of	MW	%gas	%oil	90 %water	10 %mud
Rec. _____	Feet Of		%gas	%oil	%water	%mud
Rec. _____	Feet Of		%gas	%oil	%water	%mud
Rec. _____	Feet Of		%gas	%oil	%water	%mud

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

RW .11 @ 55 °F Chlorides 92,000 ppm Recovery Chlorides 76,000 ppm System

	AK-1	Alpine				
(A) Initial Hydrostatic Mud	1300		PSI	Recorder No.	13308	T-On Location 2015
(B) First Initial Flow Pressure	205		PSI	(depth)	2342	T-Started 2040
(C) First Final Flow Pressure	229		PSI	Recorder No.	24154	T-Open 2131
(D) Initial Shut-In Pressure	678		PSI	(depth)	2351	T-Pulled 0018
(E) Second Initial Flow Pressure	85		PSI	Recorder No.		T-Out 0132
(F) Second Final Flow Pressure	181		PSI	(depth)		T-Off Location
(G) Final Shut-in Pressure	654		PSI	Initial Opening	20	Test 1000
(Q) Final Hydrostatic Mud	1281		PSI	Initial Shut-in	40	Jars
				Final Flow	40	Safety Joint
				Final Shut-in	60	Straddle
						Circ. Sub
						Sampler 200
						Extra Packer
						Elec. Rec.
						Mileage
						Other
						TOTAL PRICE $ 800

Approved By _____

Our Representative Paul Simpson

TRILOBITE TESTING L.L.C.

OPERATOR : Becker Oil Corporation DATE 5-21-00
WELL NAME: #1 Barricklow KB 2204.00 m. TICKET NO: 12910 DST #3
LOCATION : 4-21s-12w Hodgeman co KS GR 2194.00 m. FORMATION: Towanda
INTERVAL : 2413.00 To 2450.00 m. TD 2450.00 m. TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4
PF 15	Rec.	13308	13308			
SI 30	Range(kPa)	4700.0	4700.0	0.0	0.0	0.0
SF 45	Clock(hrs)	12	12			
FS 60	Depth(m.)	2418.0	2418.0	0.0	0.0	0.0

TIME DATA----------
PF Fr. 1244 to 1259 hr
IS Fr. 1259 to 1329 hr
SF Fr. 1329 to 1414 hr
FS Fr. 1414 to 1514 hr

	Field	1	2	3	4
A. Init Hydro	1264.0	1231.0	0.0	0.0	0.0
B. First Flow	13.0	6.0	0.0	0.0	0.0
B1. Final Flow	13.0	2.0	0.0	0.0	0.0
C. In Shut-in	85.0	93.0	0.0	0.0	0.0
D. Init Flow	13.0	18.0	0.0	0.0	0.0
E. Final Flow	13.0	18.0	0.0	0.0	0.0
F. Fl Shut-in	265.0	266.0	0.0	0.0	0.0
G. Final Hydro	1241.0	1286.0	0.0	0.0	0.0
Inside/Outside	O	O			

T STARTED 1157 hr
T ON BOTM 1239 hr
T OPEN 1244 hr
T PULLED 1514 hr
T OUT 1614 hr

RECOVERY
Tot Fluid 20.00 m. of 20.00 m. in DC and 0.00 m. in DP
120.00 m. of Gas in pipe.
20.00 m. of Gassy mud
0.00 m. of
0.00 m. of
0.00 m. of
0.00 m. of
0.00 m. of
0.00 m. of
SALINITY 0.00 P.P.M. A.P.I. Gravity 0.00

TOOL DATA----------

Tool Wt.	28000.00 daN
Wt Set On Packer	20000.00 daN
Wt Pulled Loose	0.00 daN
Initial Str Wt	40000.00 daN
Unseated Str Wt	0.00 daN
Bot Choke	0.75 mm
Hole Size	7.80 mm
D Col. ID	2.25 mm
D. Pipe ID	3.80 mm
D.C. Length	212.00 m.
D.P. Length	2185.00 m.

BLOW DESCRIPTION
Initial Flow:
Weak 1/4" blow building to 1 1/2".
Final Flow:
Surface blow building to 4"

MUD DATA----------

Mud Type	Chemical
Weight	10.10 kg/m3
Vis.	41.00 S/L
W.L.	13.30 cm3
F.C.	0.00 mm
Mud Drop	
Amt. of fill	0.00 m.
Btm. H. Temp.	82.00 C
Hole Condition	
% Porosity	0.00
Packer Size	6.75 mm
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	
Tool Chased	
Tester	Paul Simpson
Co. Rep.	Clyde Becker Jr.
Contr.	Mallard
Rig #	1
Unit #	
Pump T.	

SAMPLES:
SENT TO:

Test Successful: Y

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

№ 12910

Test Ticket

Well Name & No. #1 Berridlow Test No. 3 Date 5-21-2000

Company Becker Oil Corp Zone Tested Towanda

Address _____ Elevation 2204 KB 2199 GL

Co. Rep / Geo. Clyde Becker Jr Cont. Mallard Est. Ft. of Pay ____ Por. ____ %

Location: Sec. 4 Twp. 21s Rge. 21w Co. Hodgeman State Ks

No. of Copies ____ Distribution Sheet (Y, N) ____ Turnkey (Y, N) ____ Evaluation (Y, N) ____

Interval Tested 2413 - 2450 Initial Str Wt./Lbs. 40,000 Unseated Str Wt./Lbs. ____

Anchor Length 37 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. ____

Top Packer Depth 2408 Tool Weight 2800

Bottom Packer Depth 2413 Hole Size — 7 7/8" ____ Rubber Size — 6 3/4" ____

Total Depth 2450 Wt. Pipe Run ____ Drill Collar Run 212

Mud Wt. 10½ LCM ____ Vis. 41 WL 13.3 Drill Pipe Size 4½ XH Ft. Run 2185

Blow Description Weak ½" blow building to 1½"

FF - surface blow building to

Recovery — Total Feet 20 GIP 120 Ft. in DC 20 Ft. in DP ____

Rec. 20	Feet Of gassy mud	%gas	%oil	%water	%mud
Rec. ____	Feet Of ____	%gas	%oil	%water	%mud
Rec. ____	Feet Of ____	%gas	%oil	%water	%mud
Rec. ____	Feet Of ____	%gas	%oil	%water	%mud
Rec. ____	Feet Of ____	%gas	%oil	%water	%mud

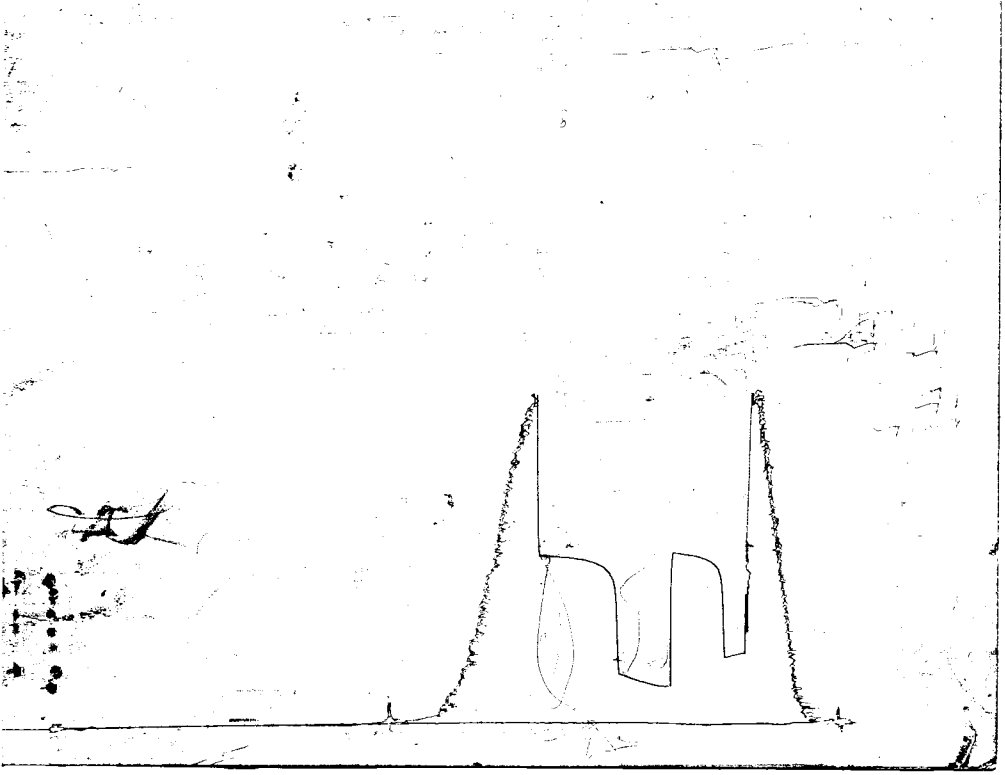
BHT 82 °F Gravity ____ °API D@ ____ °F Corrected Gravity ____ °API

RW ____ @ ____ °F Chlorides ____ ppm Recovery Chlorides ____ ppm System

	AK-1	Alpine				
(A) Initial Hydrostatic Mud	1264		PSI	Recorder No.	13308	T-On Location ____
(B) First Initial Flow Pressure	13		PSI	(depth)	2418	T-Started 1157
(C) First Final Flow Pressure	13		PSI	Recorder No.	24174	T-Open 1244
(D) Initial Shut-In Pressure	85		PSI	(depth)	2447	T-Pulled 1514
(E) Second Initial Flow Pressure	13		PSI	Recorder No.	____	T-Out 1614
(F) Second Final Flow Pressure	13		PSI	(depth)	____	T-Off Location 1700
(G) Final Shut-in Pressure	265		PSI	Initial Opening	15	Test 600
(Q) Final Hydrostatic Mud	1241		PSI	Initial Shut-in	30	Jars ____
				Final Flow	45	Safety Joint ____
				Final Shut-in	60	Straddle ____
						Circ. Sub ____
						Sampler X 200
						Extra Packer ____
						Elec. Rec. ____
						Mileage ____
						Other ____
						TOTAL PRICE $ 800

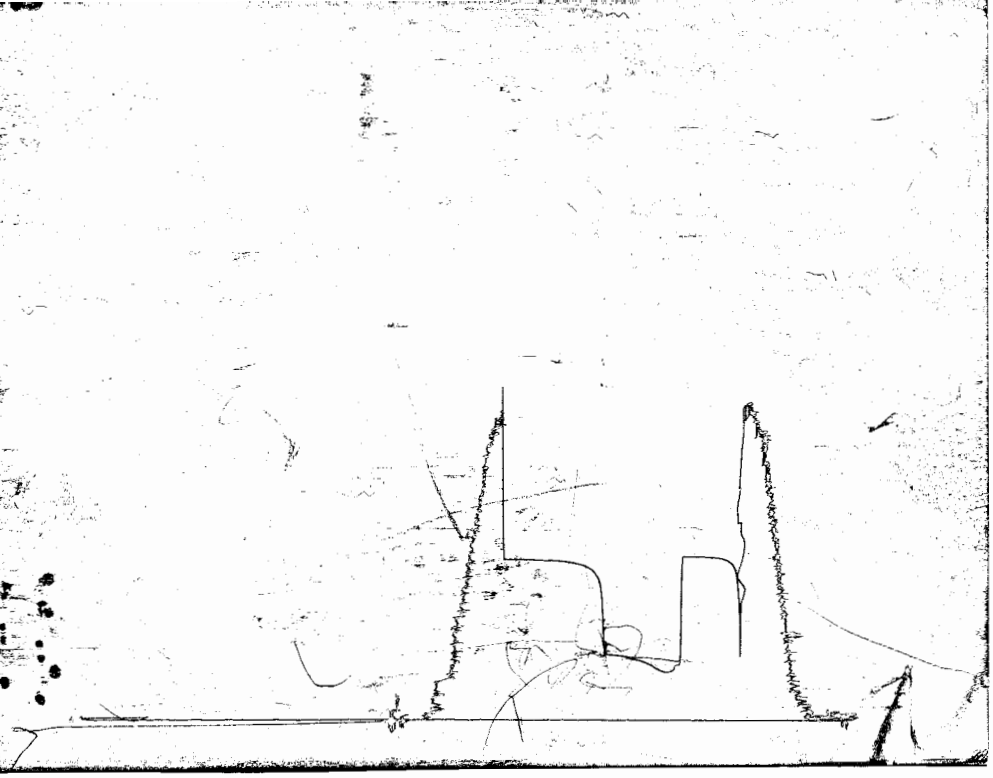
Approved By Clyde Becker Jr

Our Representative Paul Simpson



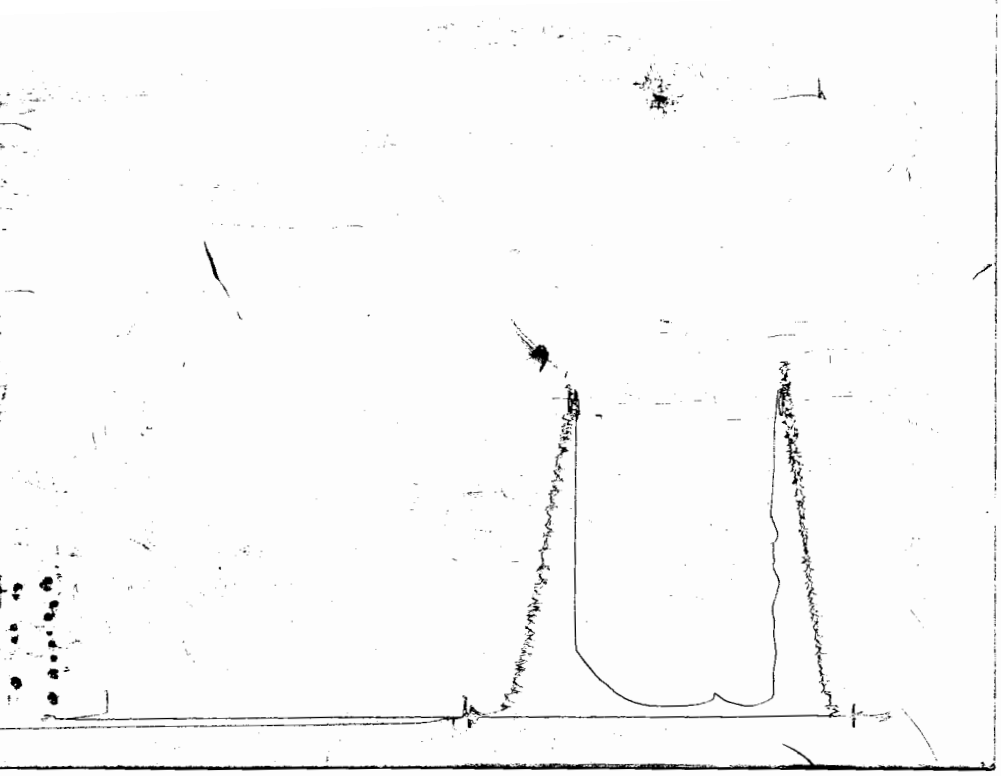
Well Name Barrichlow
DST Number 1
Recorder Number 13308

A:	1.024	1210
B:	.130	157
C:	~	~
D:	.514	612
E:	.110	133
F:	.205	246
G:	.522	621
Q:	.993	1174



Well Name Barrick (ow)
DST Number 2
Recorder Number 13308

A:	1.093	1291
B:	.181	218
C:	.202	243
D:	563	669
E:	.077	93
F:	.163	196
G:	.558	663
Q:	1048	1238



Well Name Barrich
DST Number 3
Recorder Number 13308

A:	1.042	1231
B:	.005	12
C:	.002	2
D:	.077	93
E:	.015	18
F:	.015	18
G:	.221	2666
Q:	1.001	1186