

SUPERIOR TESTERS ENTERPRISES INC.

Great Bend, Kansas

CHART DATA

(316) 792-6902

315

State KANSAS

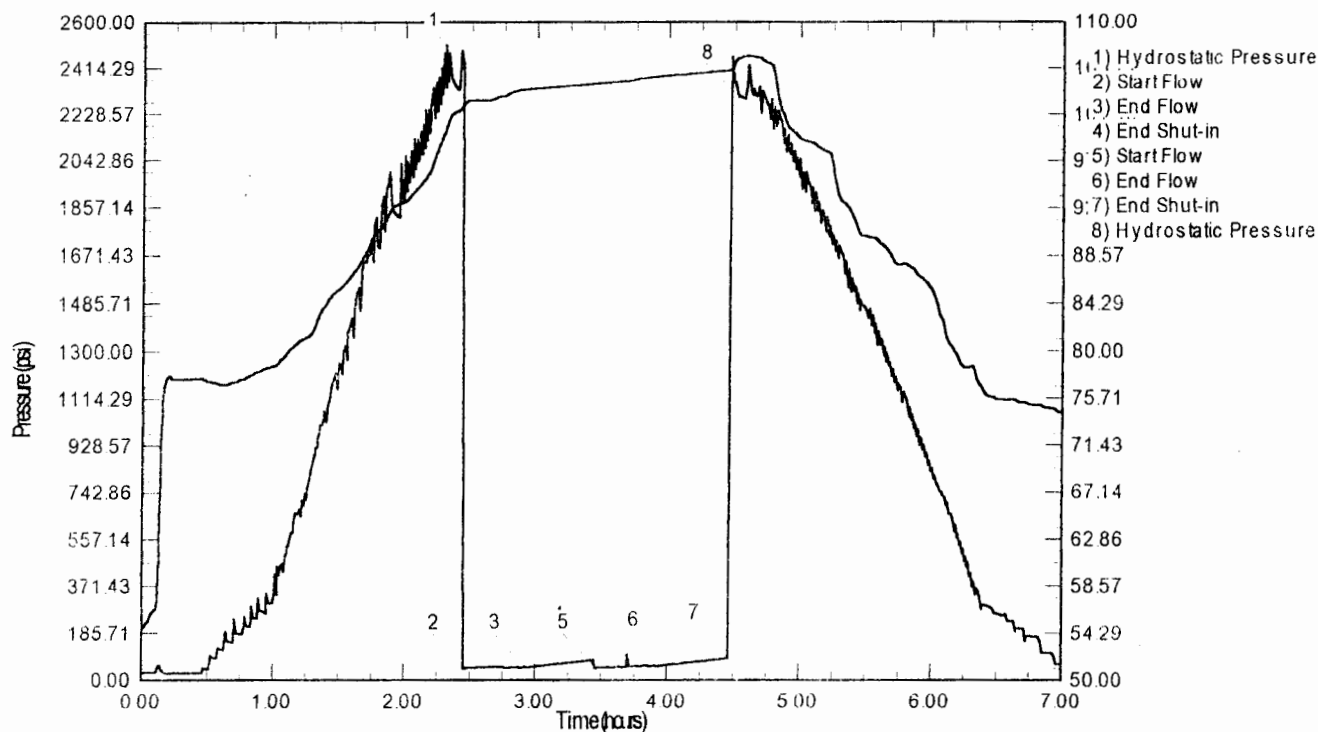
Test Date February 4, 2001

County CLARK

Sec Town Range 13-315-22W

Field

Report Number 13952



Field Reading

(1)	Initial Hydrostatic Pressure	2430
(2)	Initial Flow Pressure	48
(3)	Final Initial Flow Pressure	50
(4)	Initial Shut-In Pressure	80
(5)	Initial Final Flow Pressure	49
(6)	Final Flow Pressure	61
(7)	Final Shut-In Pressure	88
(8)	Final Hydrostatic Pressure	2295

KCC

MAY 25 2001

CONFIDENTIAL

RELEASED ORIGINAL

JUL 10 2002

FROM CONFIDENTIAL

CONFIDENTIAL

ELECTRONIC RECORDER DEPTH 4969 FT, RECORDER NUMBER 78225

Company: FALCON EXPLORATION INC. Lease & Well No. GILES #1-13 Test #: 1 Date: 2-4-2001 SEC. 13 TWP. 31S RGE. 22W

SUPERIOR TESTERS ENTERPRISES INC.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (316)792-6902

GENERAL INFORMATION

COMPANY NAME	FALCON EXPLORATION INC.	LEASE AND WELL NUMBER	GILES #1-13
TEST DATE	2/4/01	FORMATION TESTED	MARMATON-ALTAMONT
SECTION-TOWN-RANGE	13-3WS-22W	DRILL STEM TEST NUMBER	1
STATE	KANSAS	REPORT NUMBER	13952
COUNTY	CLARK	ELEVATION KELLY BUSHINGS	2188
ELEVATION GROUND LEVEL	2178	TESTING ENGINEER	GENE BUDIG
COMPANY REPRESENTATIVE	TIM PIERCE		

TOOL SETTING INFORMATION

TEST INTERVAL (From)	4966	TOP PACKER DEPTH	4961-4966
TEST INTERVAL (to)	5000	BOTTOM PACKER DEPTH	5000
ANCHOR LENGTH	34	NUMBER OF PACKERS	2
TOTAL DEPTH (ft)	5016	PACKER SIZE	6 3/4
		HOLE SIZE	7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from) **3:15**
TOOL OPEN (to) **3:45**
DURATION (min.) **30**

INITIAL SHUT-IN

TOOL CLOSED (from) **3:45**
TOOL CLOSED (to) **4:15**
DURATION (min.) **30**

FINAL OPEN

TOOL OPEN (from) **4:15**
TOOL OPEN (to) **4:45**
DURATION (min.) **30**

FINAL SHUT-IN

TOOL CLOSED (from) **4:45**
TOOL CLOSED (to) **5:15**
DURATION (min.) **30**

PRESSURE READINGS

INITIAL HYDROSTATIC **2430**
INITIAL FLOW **48**
FINAL INITIAL FLOW **50**
INITIAL SHUT-IN **80**
INITIAL FINAL FLOW **49**
FINAL FLOW **61**
FINAL SHUT-IN **88**
FINAL HYDROSTATIC **2295**

MAXIMUM TEMPERATURE **106**

TOP RECORDER DEPTH **4969**
RECORDER NUMBER **78225**
BOTTOM RECORDER DEPTH **4991**
RECORDER NUMBER **13189**

INITIAL BLOW

VERY WEAK SURFACE BLOW FOR 13 MINUTES AND DIED

FINAL BLOW

**VERY WEAK SURFACE BLOW FOR 5 MINUTES AND DIED FLUSHED TOOL
AFTER 15 MINUTES-GOOD SUGE-NO HELP**

EXTRA EQUIPMENT

JARS	YES	EXTRA PACKER (3RD)	YES
SAFETY JOINT	YES	EXTRA PACKER (4TH)	NO
ELECTRONIC RECORDER	YES	STRADDLE	YES
CIRCULATING SUB	NO	HOOK WALL	NO
		SAMPLER	NO

SUPERIOR TESTERS ENTERPRISES INC.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (316)792-6902

WELL INFORMATION

DRILLING CONTRACTOR **VAL DRILLING RIG #2**

DRILL PIPE LENGTH **4486**

DRILL PIPE I.D. **3.8**

TOOL JOINT SIZE **4 1/2 X.H.**

DRILL COLLAR LENGTH **554**

DRILL COLLAR I.D. **2.25**

TOOL JOINT SIZE **4 1/2 X.H.**

WEIGHT PIPE LENGTH

WEIGHT PIPE I.D. **2.25**

TOOL JOINT SIZE **4 1/2 X.H.**

MUD WEIGHT #/GAL **8.9**

VISCOSITY **64**

WATER LOSS **8.8**

CHLORIDES-PITS **6000**

CHLORIDES-DST

FEET OF RECOVERY	RECOVERY DESCRIPTION	% GAS	% OIL	% MUD	% WATER
1)	DRILLING MUD WITH A SHOW OF OIL BETWEEN THE SHUT-IN AND HYDROLIC TOOLS				
2)					
3)					
4)					
5)					
6)					
7)					
8)					
9)					
10)					
11)					
12)					
13)					
14)					
15)					
	TOTAL RECOVERY				

COMMENTS

Superior Testers Enterprises, Inc.

R.R. 3, Box 295B, Great Bend, Kansas 67530

(316) 792-6902

Date 2-4-01 Location 1/2 mi W 13-31^S-22^W Elevation 2186^{ft} County Clark

Company Falcon Exploration Inc Number of Copies 5

Charts Mailed to 155 North Market Suite 1020 Wichita Kansas 67202

Drilling Contractor 1st Drilling Rig #2

Length Drill Pipe 4486 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2" A.H.

Length Weight Pipe None I.D. Weight Pipe None Tool Joint Size None

Length Drill Collars 554 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X.11

Top Packer Depth 4961-4966 Bottom Packer Depth 5000 Number of Packers 3 Packer Size 6 3/4"

TESTED FROM 4966 TO 5000 ANCHOR LENGTH 34 TOTAL DEPTH 5016 Hole Size 7 7/8"

LEASE & WELL NO. Ciles # 1-13 FORMATION TESTED Mammoth - Altamont TEST NO. 1

Mud Weight 8.9 Viscosity 62 Water Loss 8.8 Chlorides - Pits 6000 D.S.T.

Maximum Temp. 106 °F Initial Hydrostatic Pressure (A) 2430 P.S.I. Final Hydrostatic Pressure (H) 2225 P.S.I.

Tool Open I.F.P. from 3:15 P.m. to 3:45 P.m. 30 min

Tool Closed I.C.I.P. from 3:45 P.m. to 4:15 P.m. 30 min

Tool Open F.F.P. from 4:15 P.m. to 4:45 P.m. 30 min

Tool Closed F.C.I.P. from 4:45 P.m. to 5:15 P.m. 30 min

from [B] 48 P.S.I. to [C] 50 P.S.I.

[D] 80 P.S.I.

from [E] 49 P.S.I. to [F] 61 P.S.I.

[G] 88 P.S.I.

Initial Blow Very weak surface blow for 13 minutes & DIED

Final Blow Very weak surface blow for 5 minutes flushed tool after 15 min.

Total Feet Recovered 30 Gravity of Oil 60.0 Corrected

30 Feet of Drilling mud with a show %Gas %Oil %Mud %Water

Feet of Oil Between the tools %Gas %Oil %Mud %Water

Feet of %Gas %Oil %Mud %Water

Feet of %Gas %Oil %Mud %Water

Feet of %Gas %Oil %Mud %Water

Feet of %Gas %Oil %Mud %Water

Feet of %Gas %Oil %Mud %Water

Feet of %Gas %Oil %Mud %Water

Feet of %Gas %Oil %Mud %Water

Feet of %Gas %Oil %Mud %Water

Remarks

Extra Equipment - Jars YES Safety Joint YES Extra Packer YES 3" Straddle YES Hook Wall None

Top Recorder No. 78225 Clock No. Acoustic Depth 5969 Cir. Sub None Sampler None

Bottom Recorder No. 5463 Clock No. 47441 Depth 4991 Insurance None

Price of Job

Tool Operator Steve Smith

Approved By

No 13952

Superior Testers Enterprises, Inc. shall not be liable for damage 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, 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.

Company:
RGE. 22W

FALCON EXPLORATION INC.

Lease & Well No. GILES #1-13 Test #: 2 Date: 02-06-01 SEC. 13 TWP. 31S

SUPERIOR TESTERS ENTERPRISES INC.

Great Bend, Kansas

CHART DATA

(316) 792-6902

State KANSAS

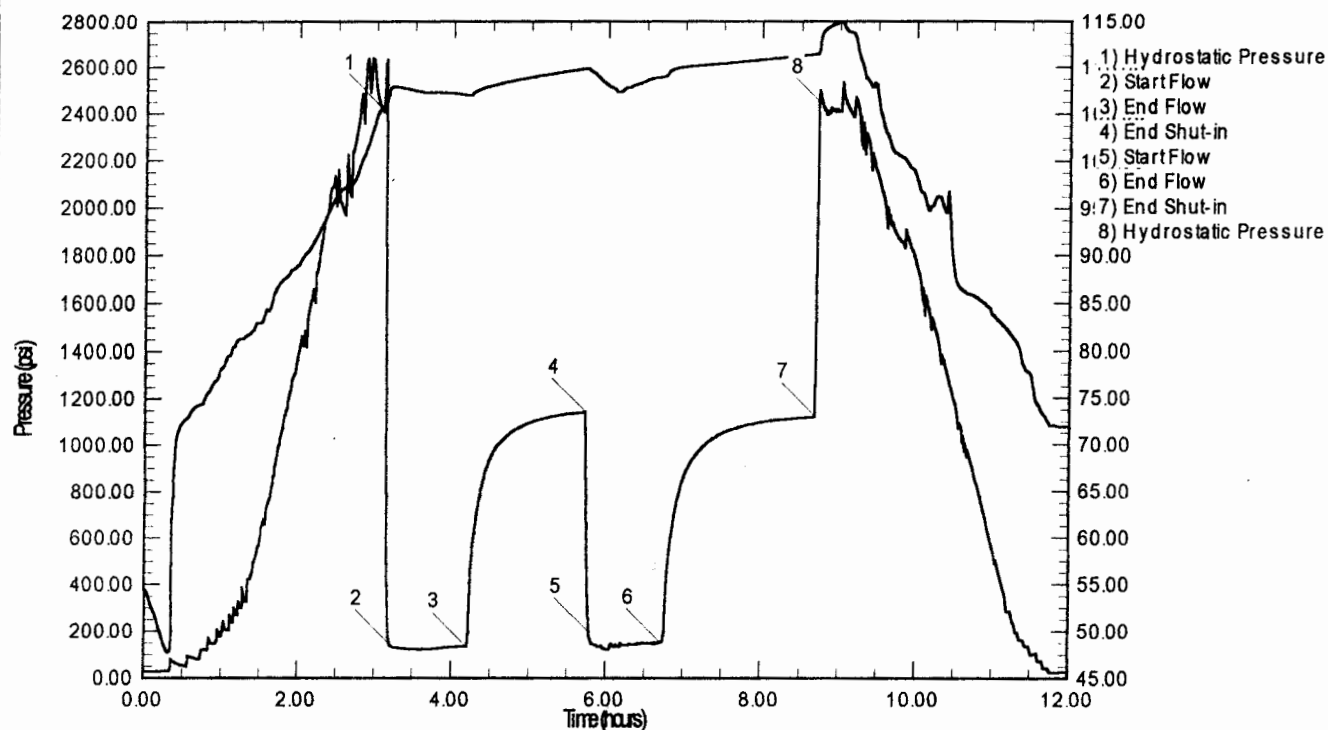
Test Date February 6, 2001

County CLARK

Sec Town Range 13-31S-22W

Field

Report Number 13953



Field Reading

(1)	Initial Hydrostatic Pressure	2425
(2)	Initial Flow Pressure	148
(3)	Final Initial Flow Pressure	134
(4)	Initial Shut-In Pressure	1141
(5)	Initial Final Flow Pressure	197
(6)	Final Flow Pressure	152
(7)	Final Shut-In Pressure	1120
(8)	Final Hydrostatic Pressure	2409

KCC

MAY 25 2001

CONFIDENTIAL

ORIGINAL

RELEASED

JUL 10 2002

FROM CONFIDENTIAL CONFIDENTIAL

ELECTRONIC RECORDER DEPTH 5196 FT, RECORDER NUMBER 78225

SUPERIOR TESTERS ENTERPRISES INC.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (316)792-6902

GENERAL INFORMATION

COMPANY NAME	FALCON EXPLORATION INC.	LEASE AND WELL NUMBER	GILES #1-13
TEST DATE	2/6/01	FORMATION TESTED	MORROW-MISSISSIPPI
SECTION-TOWN-RANGE	13-31S-22W	DRILL STEM TEST NUMBER	2
STATE	KANSAS	REPORT NUMBER	13953
COUNTY	CLARK	ELEVATION KELLY BUSHINGS	2188
ELEVATION GROUND LEVEL	2178	TESTING ENGINEER	GENE BUDIG
COMPANY REPRESENTATIVE	TIM PIERCE		

TOOL SETTING INFORMATION

TEST INTERVAL (From)	5148	TOP PACKER DEPTH	5143
TEST INTERVAL (to)	5203	BOTTOM PACKER DEPTH	5148
ANCHOR LENGTH	55	NUMBER OF PACKERS	2
TOTAL DEPTH (ft)	5203	PACKER SIZE	6 3/4
		HOLE SIZE	7 7/8

FLOW TIMES

<i>INITIAL OPEN</i>	
TOOL OPEN (from)	1:30
TOOL OPEN (to)	2:30
DURATION (min.)	60
<i>INITIAL SHUT-IN</i>	
TOOL CLOSED (from)	2:30
TOOL CLOSED (to)	4:00
DURATION (min.)	90
<i>FINAL OPEN</i>	
TOOL OPEN (from)	4:00
TOOL OPEN (to)	5:00
DURATION (min.)	60
<i>FINAL SHUT-IN</i>	
TOOL CLOSED (from)	5:00
TOOL CLOSED (to)	7:00
DURATION (min.)	120

PRESSURE READINGS

INITIAL HYDROSTATIC	2425
INITIAL FLOW	148
FINAL INITIAL FLOW	134
INITIAL SHUT-IN	1141
INITIAL FINAL FLOW	197
FINAL FLOW	152
FINAL SHUT-IN	1120
FINAL HYDROSTATIC	2409
MAXIMUM TEMPERATURE	109
TOP RECORDER DEPTH	5196
RECORDER NUMBER	78225
BOTTOM RECORDER DEPTH	5200
RECORDER NUMBER	13189

INITIAL BLOW

STRONG BLOW WITH GAS TO SURFACE IN 3 MINUTES

FINAL BLOW

STRONG BLOW-SEE GAS FLOW REPORT

EXTRA EQUIPMENT

JARS	YES	EXTRA PACKER (3RD)	NO
SAFETY JOINT	YES	EXTRA PACKER (4TH)	NO
ELECTRONIC RECORDER	YES	STRADDLE	NO
CIRCULATING SUB	NO	HOOK WALL	NO
		SAMPLER	NO

SUPERIOR TESTERS ENTERPRISES INC.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (316)792-6902

WELL INFORMATION

DRILLING CONTRACTOR **VAL DRILLING RIG #2**

DRILL PIPE LENGTH **4568**

DRILL PIPE I.D. **3.8**

TOOL JOINT SIZE **4 1/2 X.H.**

DRILL COLLAR LENGTH **554**

DRILL COLLAR I.D. **2.25**

TOOL JOINT SIZE **4 1/2 X.H.**

WEIGHT PIPE LENGTH

WEIGHT PIPE I.D. **2.25**

TOOL JOINT SIZE **4 1/2 X.H.**

MUD WEIGHT #/GAL **9**

VISCOSITY **52**

WATER LOSS **10.8**

CHLORIDES-PITS **9000**

CHLORIDES-DST

FEET OF RECOVERY		RECOVERY DESCRIPTION	% GAS	% OIL	% MUD	% WATER
1)	390	GASSY MUD WITH A SLIGHT SHOW OF OIL	15	TRACE	85	0
2)						
3)						
4)						
5)						
6)						
7)						
8)						
9)						
10)						
11)						
12)						
13)						
14)						
15)						

TOTAL RECOVERY

COMMENTS

SUPERIOR TESTERS ENTERPRISES INC.

GREAT BEND, KANSAS

GAS FLOW RATE

(316) 792-6902

#

STATE..... KANSAS

Test Date 2/6/01

COUNTY..... CLARK

Sec Town Range 13-31S-22W

FIELD.....

Report Number 13953

Initial Flow

Comments	Time (hh:mm:ss)	Period dt (min)	Inches H2O Office Tester	PSI on Office Tester	PSI on Pitot Tube	Choke Size (in)	Gas Rate (MCF/Day)
TOOL OPENED	1:40	10	5			1 1/2	148.000
1:30 WITH	1:50	20	15			1 1/4	170.000
GAS TO	2:00	30	11			1 1/4	145.000
SURFACE IN	2:10	40	9			1 1/4	132.000
3 MINUTES	2:20	50	8			1 1/4	124.000
AT 1:33	2:30	60	8			1 1/4	124.000

Final Flow

Comments	Time (hh:mm:ss)	Period dt (min)	Inches H2O Office Tester	PSI on Office Tester	PSI on Pitot Tube	Choke Size (in)	Gas Rate (MCF/Day)
TOOL OPENED	4:02	2	65			2 3/4	355.000
AT 4:00	4:10	10	50			1 1/4	311.000
GAS SAMPLE	4:20	20	26			1 1/4	224.000
WAS TAKEN	4:30	30	15			1 1/4	170.000
AT THE END	4:40	40	10			1 1/4	138.000
OF THE 2ND	4:50	50	8			1 1/4	124.000
FLOW	5:00	60	8			1 1/4	124.000
PERIOD							

SUPERIOR TESTERS ENTERPRISES INC.

GREAT BEND, KANSAS

SUPERPOSITION ANALYSIS

(316) 792-6902

1ST SHUT-IN

State KANSAS

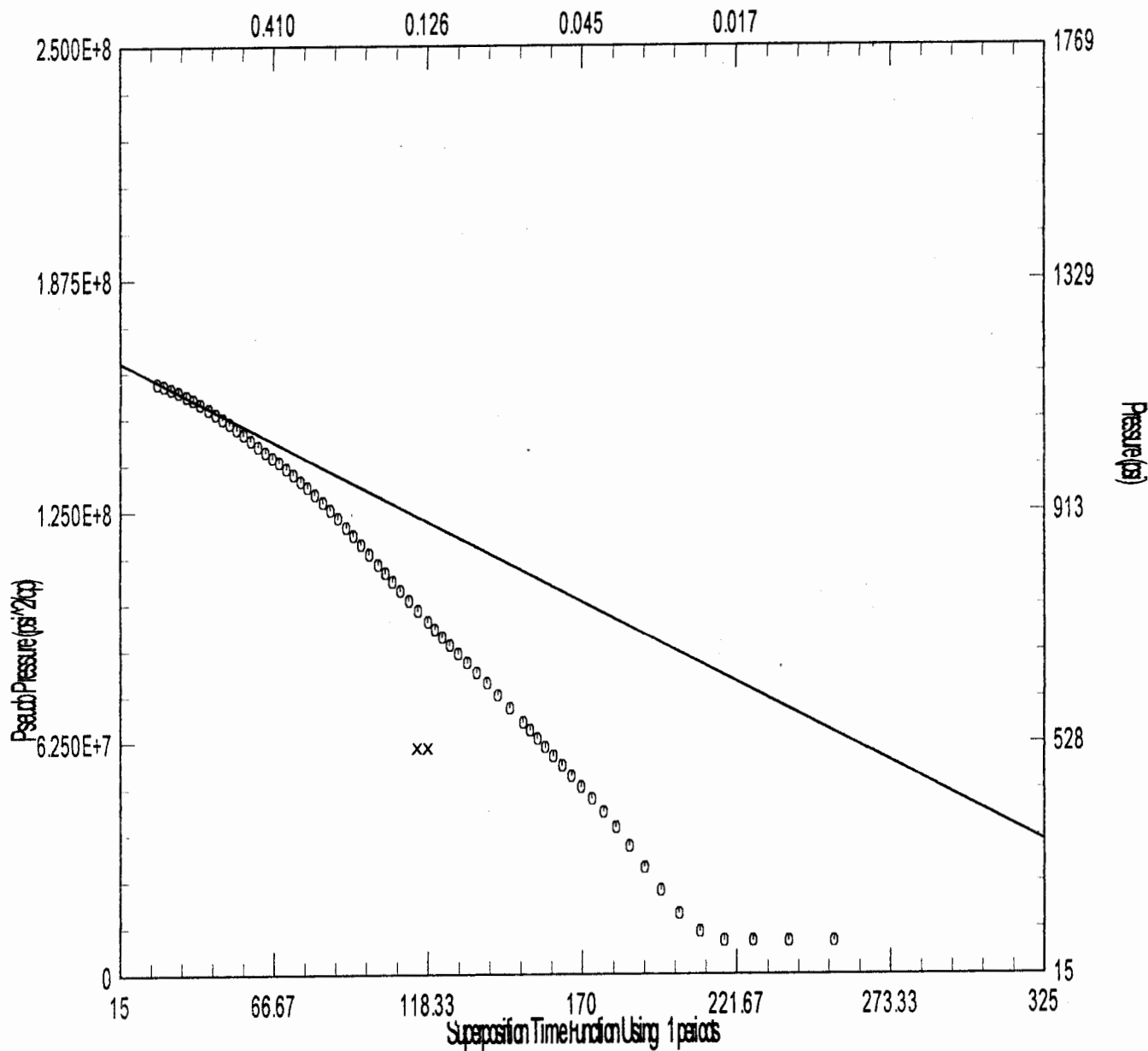
Test Date 2/6/01

County CLARK

Sec Town Range 13-31S-22W

Field

Report Number 13953



Field :
County or Parish :
State :

Date Printed: 02/06/01 10:55:08
Analysis Period : End Flow - End Shut-in
Comment : Line #

Superposition Slope -> m' -4.168711E+5
Horner Slope -> m -5.169202E+7
Intercept 1.715E+8
P(dt=1 hr) 1.558E+8
Pwf 8.889E+6
R Sqr 0.9948

Intercept (psi) 1219.535
k (md) 0.22344
kh (md-ft) 2.23439
k/u (md/cp) 4.16088
kh/uB (md-ft/cp) 41.60877
Skin 3.2863
DP Skin 988.6528
Total DP 1087.8129
Percent DP 90.88%

Radius Invest (ft) 5
Radius Time (hrs) 1.53

Delta Q = 124
h (ft)= 10
mu (cp) = 0.0537
B (stb/scf) = 0.7098

First Point # 259
Second Point # 300
Start Real Time 0.780
End Real Time 1.527
Start SF Time 44.583

SUPERIOR TESTERS ENTERPRISES INC.

GREAT BEND, KANSAS

SUPERPOSITION ANALYSIS

(316) 792-6902

2ND SHUT-IN

State KANSAS

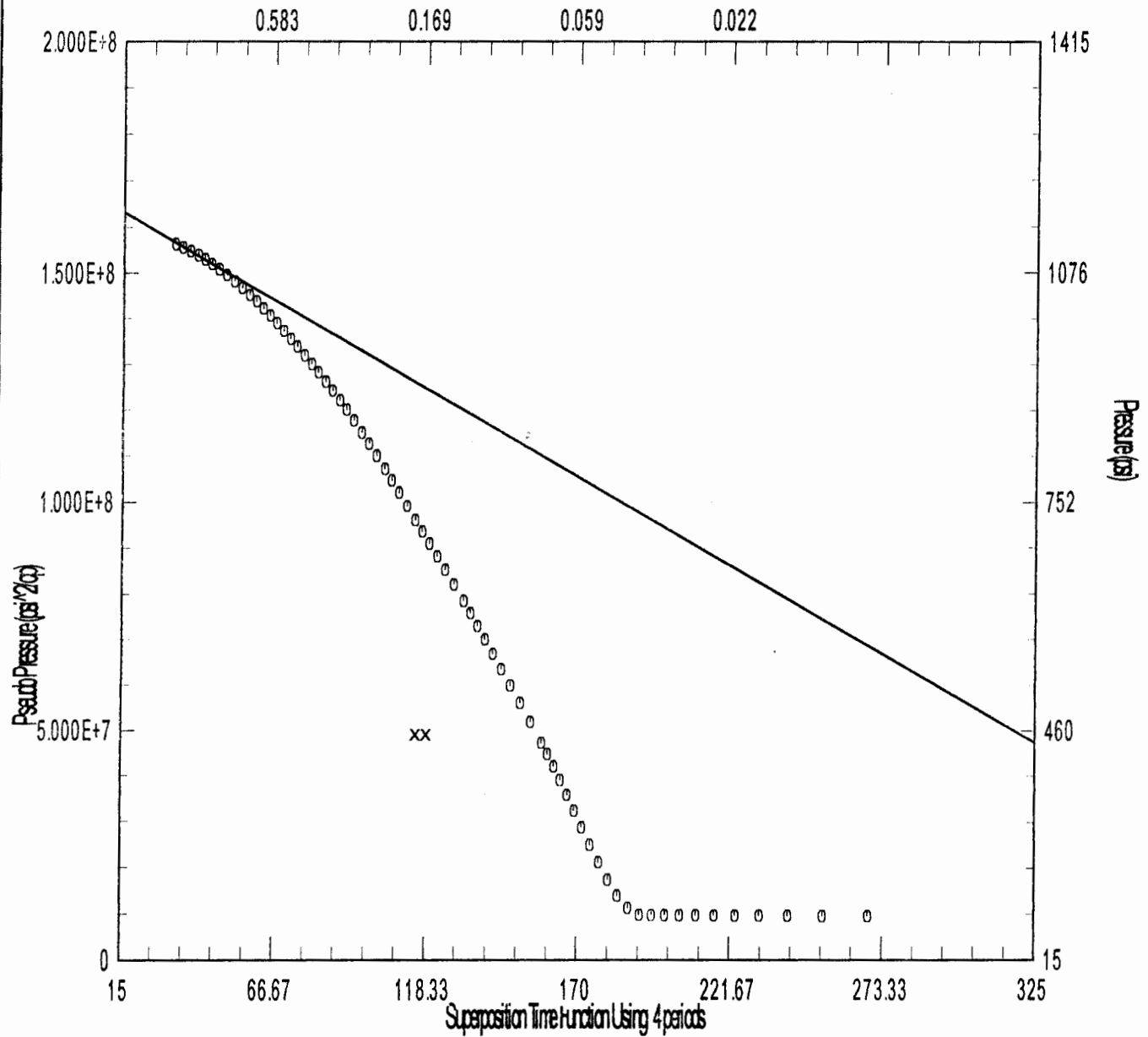
Test Date 2/6/01

County CLARK

Sec Town Range 13-31S-22W

Field

Report Number 13953



Field :
County or Parish :
State :

Date Printed: 02/06/01 10:57:11
Analysis Period : End Flow - End Shut-in
Comment : Line #

Superposition Slope -> m' -3.733790E+5
Horner Slope -> m -4.629900E+7
Intercept 1.688E+8
P(dt=1 hr) 1.504E+8
Pwf 9.475E+6
R Sqr 0.9913

Intercept (psi) 1201.265
k (md) 0.24947
kh (md-ft) 2.49466
k/u (md/cp) 4.64555
kh/uB (md-ft/cp) 46.45546
Skin 3.4627
DP Skin 922.7116
Total DP 1054.7991
Percent DP 87.48%

Radius Invest (ft) 6
Radius Time (hrs) 1.98

Delta Q = 124
h (ft)= 10
mu (cp) = 0.0537
B (stb/scf) = 0.7098

First Point # 268
Second Point # 300
Start Real Time 0.972
End Real Time 1.983
Start SF Time 49.963

Superior Testers Enterprises, Inc.

R.R. 3, Box 295B, Great Bend, Kansas 67530

(316) 792-6902

Date 2-06-01 Location 8 1/2 mi N 13-31-22 W Elevation 2188 ft County Clark

Company Falcon Exploration Inc. Number of Copies 5

Charts Mailed to 155 North Market Suite 1020 Wichita Kansas 67202

Drilling Contractor VAL Drilling Rig #2

Length Drill Pipe 4568 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2" X.H.

Length Weight Pipe NONE I.D. Weight Pipe NONE Tool Joint Size NONE

Length Drill Collars 554 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X.H.

Top Packer Depth 5143 Bottom Packer Depth 5148 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 5148 TO 5203 ANCHOR LENGTH 55 TOTAL DEPTH 5203 Hole Size 7 7/8

LEASE & WELL NO. Giles #1-13 FORMATION TESTED Marrow & Mississippian TEST NO. 2

Mud Weight 9.9 Viscosity 52 Water Loss 10.8 Chlorides - Pits 9000 D.S.T.

Maximum Temp. 109 °F Initial Hydrostatic Pressure (A) 2425 P.S.I. Final Hydrostatic Pressure (H) 2409 P.S.I.

Tool Open I.F.P. from 1:30 A.M. to 2:30 A.M. 60 min

Tool Closed I.C.I.P. from 2:30 A.M. to 4:00 A.M. 90 min

Tool Open F.F.P. from 4:00 A.M. to 5:00 A.M. 60 min

Tool Closed F.C.I.P. from 5:00 A.M. to 7:00 A.M. 120 min

Initial Blow Strong blow - Gas to surface in 3 minutes

Final Blow Strong blow - See Gas Flow Report

Total Feet Recovered 390 Gravity of Oil _____ Corrected _____

390 Feet of Grey mud with a slight sand at % Gas _____ % Oil _____ % Mud _____ % Water _____

Feet of oil 15 % Gas Trace % Oil 85 % Mud 0 % Water _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Feet of 1219- % Gas _____ % Oil _____ % Mud _____ % Water _____

Remarks _____

Extra Equipment - Jars YES Safety Joint YES Extra Packer NONE Straddle NONE Hook Wall NONE

Top Recorder No. 78225 Clock No. Electronic Depth 5196 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 5463 Clock No. 47441 Depth 8200 Insurance NONE

Price of Job _____

Tool Operator Dave Budig

Approved By _____

No 13953

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SUPERIOR TESTERS ENTERPRISES INC.

Great Bend, Kansas

CHART DATA

(316) 792-6902

State KANSAS

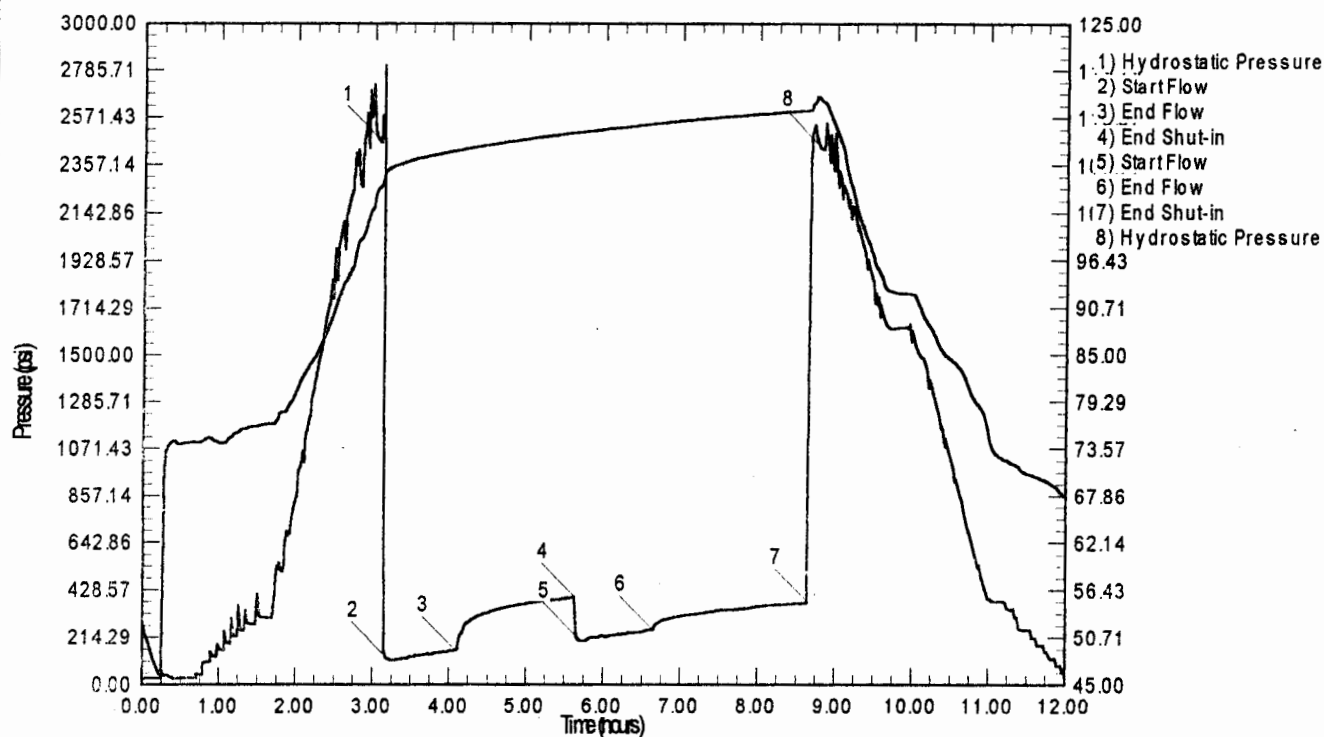
County CLARK

Field

Test Date February 6, 2001

Sec Town Range 13-31S-22W

Report Number 13954



KCG

Field Reading

(1)	Initial Hydrostatic Pressure	2467
(2)	Initial Flow Pressure	129
(3)	Final Initial Flow Pressure	154
(4)	Initial Shut-In Pressure	396
(5)	Initial Final Flow Pressure	217
(6)	Final Flow Pressure	249
(7)	Final Shut-In Pressure	372
(8)	Final Hydrostatic Pressure	247

RELEASED

JUL 10 2002

FROM CONFIDENTIAL

MAY 25 2001

CONFIDENTIAL

ORIGINAL

CONFIDENTIAL

ELECTRONIC RECORDER DEPTH 5227 FT, RECORDER NUMBER 78225

Company: RGE. 22W

FALCON EXPLORATION INC.

Lease & Well No. GILES #1-13

Date

Test #:

02-06-01

Date: 3 SEC. 13

TWP. 31S

SUPERIOR TESTERS ENTERPRISES INC.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (316)792-6902

GENERAL INFORMATION

COMPANY NAME	FALCON EXPLORATION INC.	LEASE AND WELL NUMBER	GILES #1-13
TEST DATE	2/6/01	FORMATION TESTED	MISSISSIPPI
SECTION-TOWN-RANGE	13-31S-22W	DRILL STEM TEST NUMBER	3
STATE	KANSAS	REPORT NUMBER	13954
COUNTY	CLARK	ELEVATION KELLY BUSHINGS	2188
ELEVATION GROUND LEVEL	2178	TESTING ENGINEER	GENE BUDIG
COMPANY REPRESENTATIVE	TIM PIERCE		

TOOL SETTING INFORMATION

TEST INTERVAL (From)	5214	TOP PACKER DEPTH	5209
TEST INTERVAL (to)	5234	BOTTOM PACKER DEPTH	5214
ANCHOR LENGTH	20	NUMBER OF PACKERS	2
TOTAL DEPTH (ft)	5234	PACKER SIZE	6 3/4
		HOLE SIZE	7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from) **12:15**
TOOL OPEN (to) **1:15**
DURATION (min.) **60**

INITIAL SHUT-IN

TOOL CLOSED (from) **1:15**
TOOL CLOSED (to) **2:45**
DURATION (min.) **90**

FINAL OPEN

TOOL OPEN (from) **2:45**
TOOL OPEN (to) **3:45**
DURATION (min.) **60**

FINAL SHUT-IN

TOOL CLOSED (from) **3:45**
TOOL CLOSED (to) **5:45**
DURATION (min.) **120**

PRESSURE READINGS

INITIAL HYDROSTATIC **2467**
INITIAL FLOW **129**
FINAL INITIAL FLOW **154**
INITIAL SHUT-IN **396**
INITIAL FINAL FLOW **217**
FINAL FLOW **249**
FINAL SHUT-IN **372**
FINAL HYDROSTATIC **247**

MAXIMUM TEMPERATURE **115**

TOP RECORDER DEPTH **5227**
RECORDER NUMBER **78225**
BOTTOM RECORDER DEPTH **5231**
RECORDER NUMBER **13189**

INITIAL BLOW

STRONG BLOW WITH GAS TO SURFACE IN 5 MINUTES

FINAL BLOW

STRONG BLOW-SEE GAS FLOW REPORT

EXTRA EQUIPMENT

JARS	YES	EXTRA PACKER (3RD)	NO
SAFETY JOINT	YES	EXTRA PACKER (4TH)	NO
ELECTRONIC RECORDER	YES	STRADDLE	NO
CIRCULATING SUB	NO	HOOK WALL	NO
		SAMPLER	NO

SUPERIOR TESTERS ENTERPRISES INC.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (316)792-6902

WELL INFORMATION

DRILLING CONTRACTOR **VAL DRILLING RIG #2**

DRILL PIPE LENGTH **4634**

DRILL PIPE I.D. **3.8**

TOOL JOINT SIZE **4 1/2 X.H.**

DRILL COLLAR LENGTH **554**

DRILL COLLAR I.D. **2.25**

TOOL JOINT SIZE **4 1/2 X.H.**

WEIGHT PIPE LENGTH

WEIGHT PIPE I.D. **2.25**

TOOL JOINT SIZE **4 1/2 X.H.**

MUD WEIGHT #/GAL **9.1**

VISCOSITY **62**

WATER LOSS **9.2**

CHLORIDES-PITS **9000**

CHLORIDES-DST

FEET OF RECOVERY		RECOVERY DESCRIPTION	% GAS	% OIL	% MUD	% WATER
1)	450	CLEAN GASSY OIL	20	80	0	0
2)	180	VERY HEAVY OIL AND GAS CUT MUD	52	30	20 ¹⁰	8
3)	120	VERY HEAVY OIL AND GAS CUT MUD	20	20 ⁴⁷	10 ²⁵	8
4)						
5)						
6)						
7)						
8)						
9)						
10)						
11)						
12)						
13)						
14)						
15)						
		TOTAL RECOVERY				

COMMENTS

SUPERIOR TESTERS ENTERPRISES INC.

GREAT BEND, KANSAS

GAS FLOW RATE

(316) 792-6902

#

STATE..... KANSAS

Test Date 2/6/01

COUNTY..... CLARK

Sec Town Range 13-31S-22W

FIELD.....

Report Number 13954

Initial Flow

Comments	Time (hh:mm:ss)	Period dt (min)	Inches H2O Orifice Tester	PSI on Orifice Tester	PSI on Pitot Tube	Choke Size (in)	Gas Rate (MCF/Day)
TOOL OPENED AT	12:20	5	28			1	137.000
12:15 WITH	12:30	15	2			1	36.500
GAS TO	12:40	25	24			1/2	30.700
SURFACE IN	12:50	35	16			1/2	25.100
5 MINUTES AT	1:00	45	13			1/2	22.800
12:20	1:10	55	12			1/2	21.900
	1:15	60	12			1/2	21.900

Final Flow

Comments	Time (hh:mm:ss)	Period dt (min)	Inches H2O Orifice Tester	PSI on Orifice Tester	PSI on Pitot Tube	Choke Size (in)	Gas Rate (MCF/Day)
TOOL OPENED	2:55	10	56			1/4	12.600
AT 2:45	3:05	20	56			1/4	12.600
GAS SAMPLE	3:15	30	56			1/4	12.600
WAS TAKEN	3:25	40	56			1/4	12.600
DURING THE	3:35	50	56			1/4	12.600
FINAL FLOW	3:45	60	56			1/4	12.600
PERIOD							

SUPERIOR TESTERS ENTERPRISES INC.

GREAT BEND, KANSAS

SUPERPOSITION ANALYSIS

(316) 792-6902

1ST SHUT-IN

State KANSAS

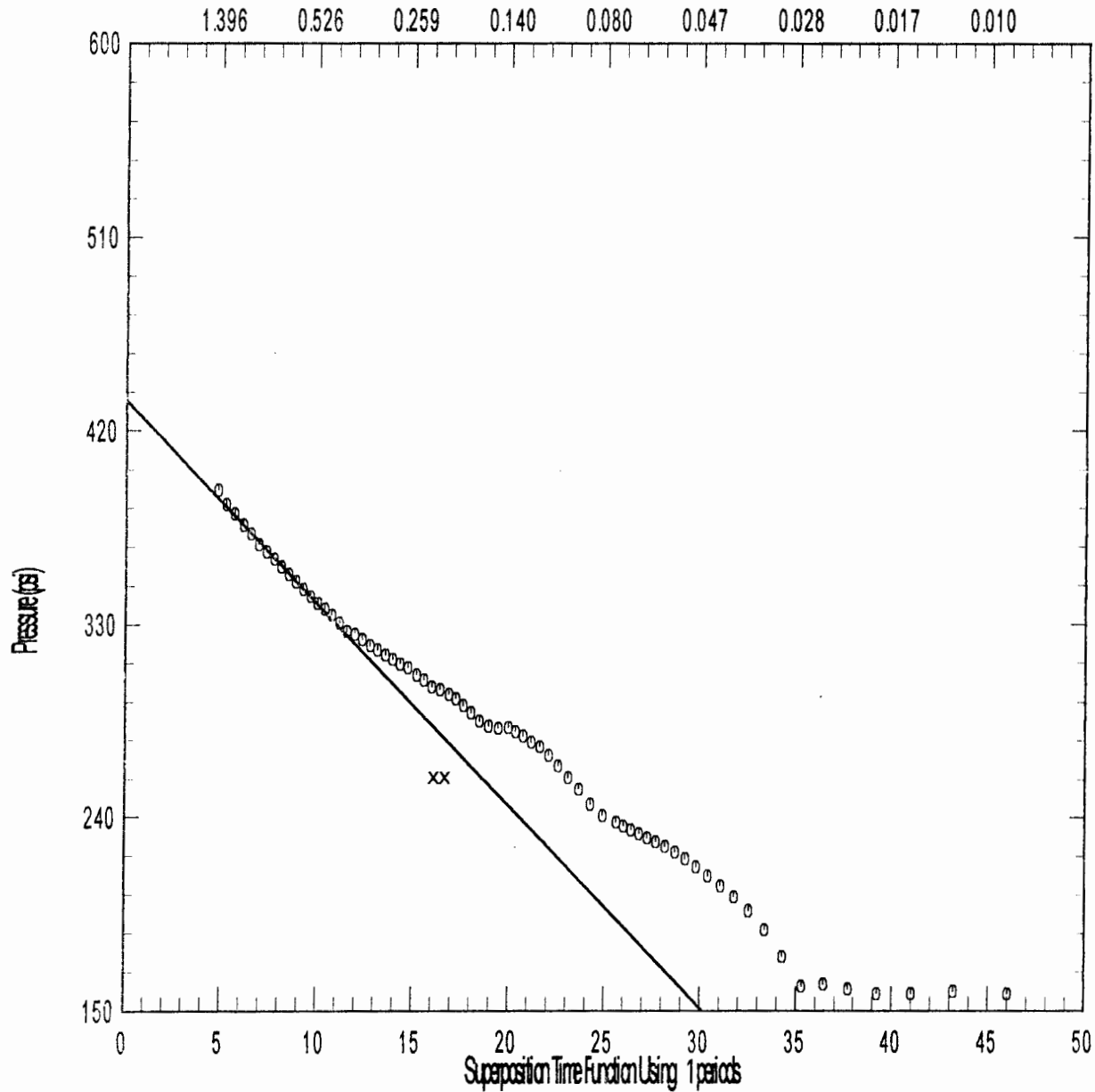
Test Date 2/6/01

County CLARK

Sec Town Range 13-31S-22W

Field

Report Number 13954



Field :
County or Parish :
State :

Date Printed: 02/07/01 10:09:09
Analysis Period : End Flow - End Shut-in |
Comment : Line #

Superposition Slope -> m' -9.423965
Horner Slope -> m -215.808809
Intercept 434.325
P(dt=1 hr) 373.577
Pwf 154.130
R Sqr 0.9947

k (md) 3.56920
kh (md-ft) 35.69198
k/u (md/cp) 2.85034
kh/uB (md-ft/cp) 17.25388

Skin 1.944
DP Skin 364.922
Total DP 280.195
Percent DP 130.24%

Radius Invest (ft) 2
Radius Time (hrs) 1.55

Delta Q = 23
h (ft)= 10
mu = 1.252
B = 1.652

First Point # 152
Second Point # 299
Start Real Time 0.459
End Real Time 1.485
Start SF Time 10.883

SUPERIOR TESTERS ENTERPRISES INC.

GREAT BEND, KANSAS

SUPERPOSITION ANALYSIS

(316) 792-6902

2ND SHUT-IN

State KANSAS

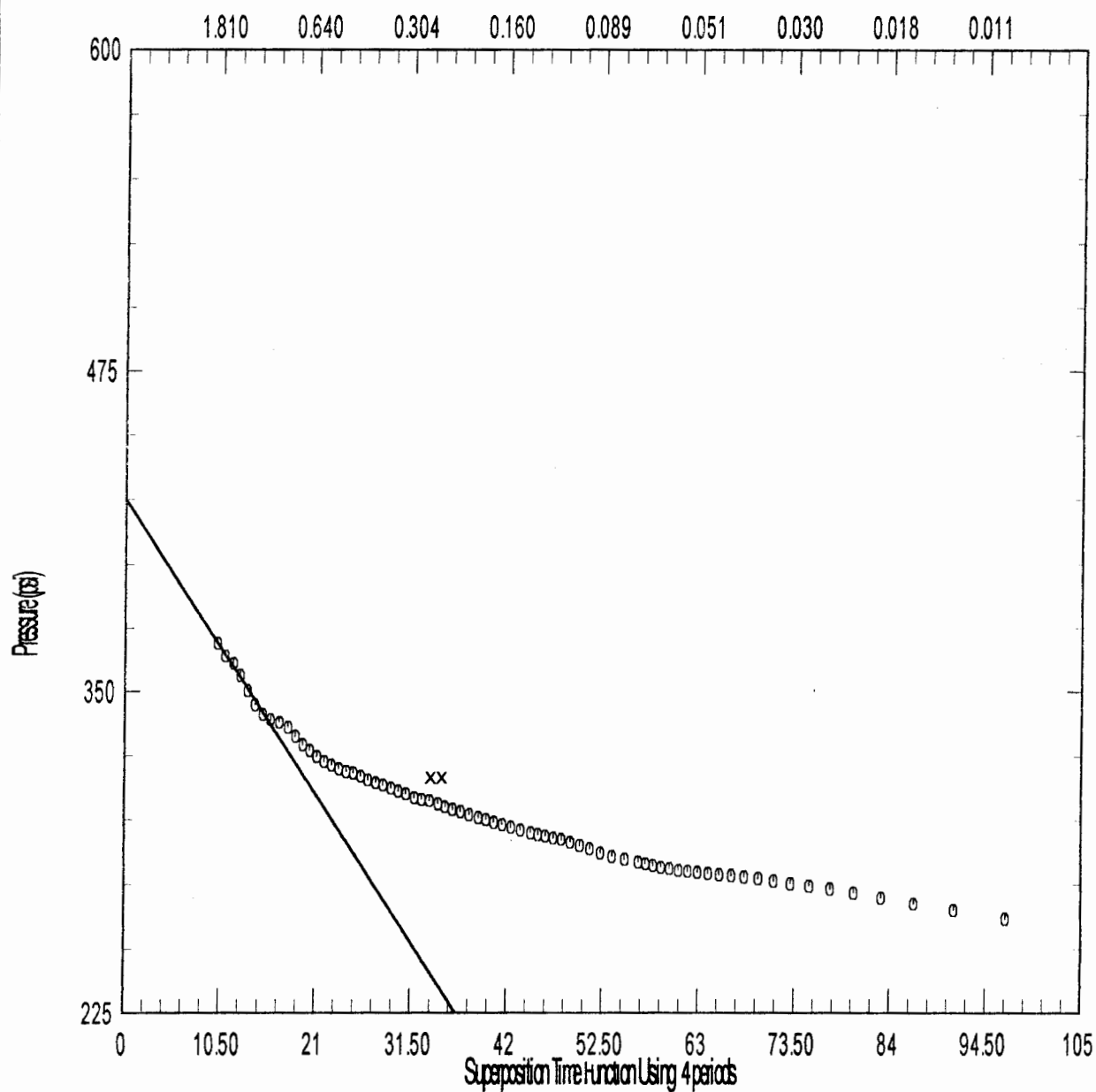
Test Date 2/6/01

County CLARK

Sec Town Range 13-31S-22W

Field

Report Number 13954



Field :
County or Parish :
State :

Date Printed: 02/07/01 10:11:53
Analysis Period : End Flow - End Shut-in
Comment : Line #

Superposition Slope -> m' -5.478872
Horner Slope -> m -251.480239
Intercept 425.115
P(dt=1 hr) 338.024
Pwf 248.900
R Sqr 0.9806

k (md) 6.13922
kh (md-ft) 61.39219
k/u (md/cp) 4.90275
kh/uB (md-ft/cp) 29.67764

Skin 0.910
DP Skin 199.100
Total DP 176.215
Percent DP 112.99%

Radius Invest (ft) 4
Radius Time (hrs) 2.01

Delta Q = 46
h (ft)= 10
mu = 1.252
B = 1.652

First Point # 277
Second Point # 299
Start Real Time 1.197
End Real Time 1.929
Start SF Time 14.094

Superior Testers Enterprises, Inc.

R.R. 3, Box 295B, Great Bend, Kansas 67530

(316) 792-6902

Date 2-06-01 Location 9 1/2 mi N 13-31-22 Elevation 21862 County CLARK

Company Falcon Exploration Inc. Number of Copies 5

Charts Mailed to 155 North Market Suite 1020 Wichita Kansas 67202

Drilling Contractor VAL Drilling Rig #2

Length Drill Pipe 4634 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2" X 1 1/2"

Length Weight Pipe NONE I.D. Weight Pipe NONE Tool Joint Size NONE

Length Drill Collars 554 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X 1 1/2"

Top Packer Depth 5209 Bottom Packer Depth 5214 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 5214 TO 5234 ANCHOR LENGTH 20 TOTAL DEPTH 5234 Hole Size 7 7/8"

EASE & WELL NO. Coles #1-13 FORMATION TESTED Mississippi TEST NO. 3

Mud Weight 9.4 Viscosity 62 Water Loss 9.4 Chlorides - Pits 9000 D.S.T.

Maximum Temp. 115 °F Initial Hydrostatic Pressure (A) 2467 P.S.I. Final Hydrostatic Pressure (H) 2447 P.S.I.

Tool Open I.F.P. from 12:15 Am to 1:15 Am 30 min

Tool Closed I.C.I.P. from 1:15 Am to 2:45 Am 90 min

Tool Open F.F.P. from 2:45 Am to 3:45 Am 60 min

Tool Closed F.C.I.P. from 3:45 Am to 5:45 Am 120 min

Initial Blow Strong blow with Gas to Surface in 5 minutes

Final Blow Strong blow - SEE Gas Flow Report

Total Feet Recovered 750 Gravity of Oil 42 Corrected

450 Feet of CLEAN Gassy Oil 20 % Gas 80 % Oil 10 % Mud % Water

180 Feet of VERY HEAVY OIL & Gas cut mud 52 % Gas 30 % Oil 20 % Mud 8 % Water

120 Feet of VERY HEAVY OIL & Gas cut mud 20 % Gas 20 % Oil 10 % Mud 8 % Water

Feet of 47 % Gas 25 % Oil % Mud % Water

Feet of % Gas % Oil % Mud % Water

Feet of % Gas % Oil % Mud % Water

Feet of % Gas % Oil % Mud % Water

Feet of % Gas % Oil % Mud % Water

Feet of % Gas % Oil % Mud % Water

Remarks 53.44 - 26.72

Extra Equipment - Jars YES Safety Joint YES Extra Packer NONE Straddle NONE Hook Wall NONE

Top Recorder No. 78225 Clock No. ELECTRONIC Depth 5227 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 5463 Clock No. 97442 Depth 5231 Insurance NONE

Price of Job

Tool Operator Dave Buldy

Approved By

No 13954

Superior Testers Enterprises, Inc. shall not be liable for damage 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, 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.

SUPERIOR TESTERS ENTERPRISES INC.

Great Bend, Kansas

CHART DATA

(316) 792-6902

State **KANSAS**

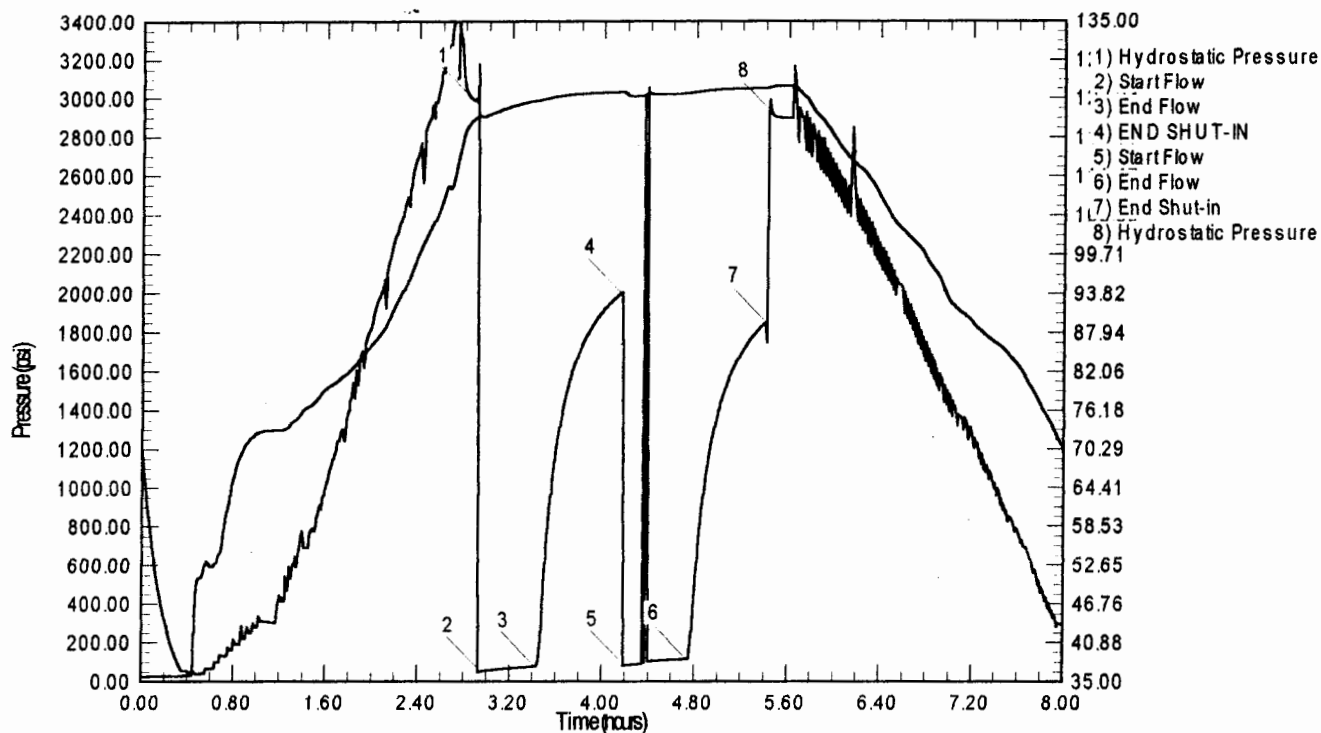
Test Date **February 12, 2001**

County **CLARK**

Sec Town Range **13-31S-22W**

Field

Report Number **13955**



Field Reading

(1)	Initial Hydrostatic Pressure	2985
(2)	Initial Flow Pressure	53
(3)	Final Initial Flow Pressure	77
(4)	Initial Shut-In Pressure	2001
(5)	Initial Final Flow Pressure	84
(6)	Final Flow Pressure	116
(7)	Final Shut-In Pressure	1854
(8)	Final Hydrostatic Pressure	2905

ORIGINAL

RELEASED CONFIDENTIAL

JUL 10 2002

FROM CONFIDENTIAL

KCC

MAY 25 2001

CONFIDENTIAL

ELECTRONIC RECORDER DEPTH 6196 FT, RECORDER NUMBER 78225

SUPERIOR TESTERS ENTERPRISES INC.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (316)792-6902

GENERAL INFORMATION

COMPANY NAME	FALCON EXPLORATION INC.	LEASE AND WELL NUMBER	GILES #1-13
TEST DATE	2/12/01	FORMATION TESTED	VIOLA
SECTION-TOWN-RANGE	13-31S-22W	DRILL STEM TEST NUMBER	4
STATE	KANSAS	REPORT NUMBER	13955
COUNTY	CLARK	ELEVATION KELLY BUSHINGS	2188
ELEVATION GROUND LEVEL	2178	TESTING ENGINEER	GENE BUDIG
COMPANY REPRESENTATIVE	TIM PIERCE		

TOOL SETTING INFORMATION

TEST INTERVAL (From)	6190	TOP PACKER DEPTH	6185-6190
TEST INTERVAL (to)	6278	BOTTOM PACKER DEPTH	6278
ANCHOR LENGTH	88	NUMBER OF PACKERS	2
TOTAL DEPTH (ft)	6278	PACKER SIZE	6 3/4
		HOLE SIZE	7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from)	10:30
TOOL OPEN (to)	11:00
DURATION (min.)	30

INITIAL SHUT-IN

TOOL CLOSED (from)	11:00
TOOL CLOSED (to)	11:45
DURATION (min.)	45

FINAL OPEN

TOOL OPEN (from)	11:45
TOOL OPEN (to)	12:15
DURATION (min.)	30

FINAL SHUT-IN

TOOL CLOSED (from)	12:15
TOOL CLOSED (to)	1:00
DURATION (min.)	45

PRESSURE READINGS

INITIAL HYDROSTATIC	2985
INITIAL FLOW	53
FINAL INITIAL FLOW	77
INITIAL SHUT-IN	2001
INITIAL FINAL FLOW	84
FINAL FLOW	116
FINAL SHUT-IN	1854
FINAL HYDROSTATIC	2905
MAXIMUM TEMPERATURE	124
TOP RECORDER DEPTH	6196
RECORDER NUMBER	78225
BOTTOM RECORDER DEPTH	6311
RECORDER NUMBER	13189

INITIAL BLOW **VERY WEAK SURFACE BLOW FOR 20 MINUTES AND DIED**

FINAL BLOW **NO BLOW FLUSHED TOOL GOOD SURGE NO HELP**

EXTRA EQUIPMENT

JARS	YES	EXTRA PACKER (3RD)	YES
SAFETY JOINT	YES	EXTRA PACKER (4TH)	NO
ELECTRONIC RECORDER	YES	STRADDLE	YES
CIRCULATING SUB	NO	HOOK WALL	NO
		SAMPLER	NO

SUPERIOR TESTERS ENTERPRISES INC.
DRILL STEM TEST REPORT
 GREAT BEND, KANSAS 67530 (316)792-6902

WELL INFORMATION

DRILLING CONTRACTOR **VAL DRILLING RIG #2**

DRILL PIPE LENGTH **5615**

DRILL PIPE I.D. **3.8**

TOOL JOINT SIZE **4 1/2 X.H.**

DRILL COLLAR LENGTH **554**

DRILL COLLAR I.D. **2.25**

TOOL JOINT SIZE **4 1/2 X.H.**

WEIGHT PIPE LENGTH

WEIGHT PIPE I.D. **2.25**

TOOL JOINT SIZE **4 1/2 X.H.**

MUD WEIGHT #/GAL **9.3**

VISCOSITY **68**

WATER LOSS **14.6**

CHLORIDES-PITS **10000**

CHLORIDES-DST

FEET OF RECOVERY		RECOVERY DESCRIPTION	% GAS	% OIL	% MUD	% WATER
1)	120	DRILLING MUD				
2)						
3)						
4)						
5)						
6)						
7)						
8)						
9)						
10)						
11)						
12)						
13)						
14)						
15)						
		TOTAL RECOVERY				

COMMENTS

Superior Testers Enterprises, Inc.

R.R. 3, Box 295B, Great Bend, Kansas 67530

(316) 792-6902

Date 2-12-01 Location 9E-4W-4N 13-3P-22 Elevation 2188 County Clark

Company FALCON EXPLORATION INC. Number of Copies 5

Charts Mailed to 155 North Market Suite 1020 Wichita Kansas 67202

Drilling Contractor VAL Drilling R.B. #2

Length Drill Pipe 5615 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2" X 11

Length Weight Pipe NONE I.D. Weight Pipe NONE Tool Joint Size NONE

Length Drill Collars 554 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X 11

Top Packer Depth 6185-6190 Bottom Packer Depth 6278 Number of Packers 3 Packer Size 6 3/4"

TESTED FROM 6190 TO 6278 ANCHOR LENGTH 88 TOTAL DEPTH 6314 Hole Size 7 7/8"

EASE & WELL NO. G. 1A #1-13 FORMATION TESTED Violet TEST NO. 4

Aud Weight 9.31 Viscosity 68 Water Loss 14.4 Chlorides - Pits 10000 D.S.T.

Maximum Temp. 124 °F Initial Hydrostatic Pressure (A) 2985 P.S.I. Final Hydrostatic Pressure (H) 2905 P.S.I.

Tool Open I.F.P. from 10:30 Am to 11:00 Am 30 min

Tool Closed I.C.I.P. from 11:00 Am to 11:45 Am 45 min

Tool Open F.F.P. from 11:45 Am to 12:15 Pm 30 min

Tool Closed F.C.I.P. from 12:15 Pm to 1:00 Pm 45 min

Initial Blow VERY weak blow for 20 minutes & DIED

Final Blow No blow flushed tool - Good surge - no help

Total Feet Recovered 120 Gravity of Oil _____ Corrected

120 Feet of Drilling mud % Gas _____ % Oil _____ % Mud _____ % Water _____

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Remarks _____

Extra Equipment - Jars yes Safety Joint yes Extra Packer yes Straddle yes Hook Wall none

Top Recorder No. 78225 Clock No. Electronic Depth 6196 Cir. Sub none Sampler none

Bottom Recorder No. 5443 Clock No. 47441 Depth 6311 Insurance none

Price of Job _____

Tool Operator Steve Ludwig

Approved By _____

No 13955

Superior Testers Enterprises, Inc. shall not be liable for damage 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, 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.