

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15- 15-007-225110000

County BARBER

85' N & 195' E
-SE -NW Sec. 12 Twp. 32 Rge. 14 X E

1895 Feet from S (circle one) Line of Section
2175 Feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, (NW) or SW (circle one)

Lease Name #1 Lake Brooks Well # 1

Field Name Little Bear Creek

Producing Formation na

Elevation: Ground 1794' KB 1799'

Total Depth 4840' PBTD _____

Amount of Surface Pipe Set and Cemented at 1024' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan D+H 1-9-98-V.C.
(Data must be collected from the Reserve Pit)

Chloride content 6,000 ppm Fluid volume 80 bbls

Dewatering method used Hauling & Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name Bowers

Lease Name Mac Disposal License No. #5435

Quarter 7 Sec. 7 Twp. 32s S Rng. 11W E/W

County Barber Docket No. CD 78217

Operator: License # 31297

Name: James B. Read Operating, Inc.

Address P.O. Box 638

City/State/Zip Ardmore, Oklahoma 73402

Purchaser: na

Operator Contact Person: James B. Read

Phone (405) 226-0055

Contractor: Name: L. D. DRILLING, INC.

License: 6039

Wellsite Geologist: _____

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj) Docket No. _____

7-30-96 8-10-96
Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature [Signature]

Title President, James B. Read Date 8-22-96

Subscribed and sworn to before me this 22nd day of August, 1996.

Notary Public Shirley A. Douglass

Date Commission Expires August 5, 2000

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received

Distribution

KCC SWD/Rep MGPA
 KGS Plug Other
(Specify)

RECEIVED
KANSAS CORP COMM
10-7-96
1996 OCT 1 - 12:27

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 31297

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City/State/Zip Ardmore, Oklahoma 73402

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 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBTB
 Comingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

7-30-96 8-10-96
Spud Date Date Reached TD Completion Date

API NO. 15- 15-007-225110000

County BARBER

85' N & 195' E
-SE- NW Sec. 12 Twp. 32 Rge. 14 X W

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feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan DFA 1-9-98 - U.C.
(Data must be collected from the Reserve Pit)

Chloride content 6,000 ppm Fluid volume 80 bbls

Dewatering method used Hauling & Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name Bowers

Lease Name Mac Disposal License No. #5435

_____ Quarter 7 Sec. 32s S Rng. 11W E/W

County Barber Docket No. CD 78217

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Signature [Signature]

Title President, James B. Read Date 8-22-96

Subscribed and sworn to before me this 22nd day of August 19 96.

Notary Public Shirley A. Douglass

Date Commission Expires August 5, 2000

K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input checked="" type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
<input type="checkbox"/>		<input type="checkbox"/> NGPA
<input type="checkbox"/>		<input type="checkbox"/> Other (Specify)

Form ACO-1 (7-91)

1996 OCT - 7 P 12:27
16-7-96
KANSAS CORP COMM
RECEIVED

ALLIED CEMENTING CO., INC.

4103

REMIT TO: P.O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

SERVICE POINT

MEDICINE COVE

DATE <u>7-31-96</u>	SEC <u>12</u>	TWP <u>32E</u>	RANGE <u>14W</u>	CALLED OUT <u>9:30 AM</u>	ON LOCATION <u>2:00 PM</u>	JOB START <u>3:45 PM</u>	JOB FINISH <u>4:30 PM</u>
LEASE <u>LAKE BROOKS</u>	WELL # <u>1</u>	LOCATION <u>SCENIC OVERLOOK 1/2, 2 1/2 W 1/4</u>		COUNTY <u>BARBER</u>	STATE <u>KANSAS</u>		

OLD OR NEW (Circle one)

CONTRACTOR LD ORLE #1

TYPE OF JOB SURFACE CASING

HOLE SIZE 12 1/4" T.D. 1030'

CASING SIZE 3 1/2" 28# DEPTH 1027'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT 38.10'

CEMENT LEFT IN CSG. _____

PERFS. _____

OWNER JBR OPERATING, INC.

CEMENT

AMOUNT ORDERED 300 @ 6S: 3S: 6 + 3ucc + 1/4"
150 @ CLASS A + 3% MC + 7/16 BEL

COMMON	<u>150</u>	@	<u>6.10</u>
POZMIX		@	
GEL	<u>3</u>	@	<u>9.50</u>
CHLORIDE	<u>15</u>	@	<u>28.00</u>
A.L.W.	<u>300</u>	@	<u>5.65</u>
ECO SEAL	<u>75#</u>	@	<u>1.15</u>
		@	
		@	
HANDLING	<u>450</u>	@	<u>1.05</u>
MILEAGE	<u>450 x 15</u>		<u>.04</u>
			TOTAL #

EQUIPMENT

PUMP TRUCK CEMENTER R. BRUNGARDT

266 HELPER C. BALDING

BULK TRUCK

256-250 DRIVER J. HOLT

BULK TRUCK

259-24 DRIVER _____

REMARKS:

Run 3 1/2" + Break Permutation,
1 1/2" X 300' @ 6S: 3S: 6 + 3% MC + 1/4"
FLU SEAL FOLLOWED BY 150 @ CLASS A
+ 3% MC + 2% BEL 150 @ 6S: 3S: 6
TO 939' WITH NEW FRESH H₂O
FLOAT DRA HOLD
CEMENT DID NOT PERMEATE ✓

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE 0:300' 445.00

EXTRA FOOTAGE 727' @ .41

MILEAGE 15 @ 2.95

PLUG 3 1/2" TRP @ 90.00 90.00

_____ @ _____

_____ @ _____

TOTAL #

CHARGE TO: J.B.R. OPERATING, INC.

STREET P.O. BOX 638

CITY ARDMORE STATE OKLA. ZIP 73402

FLOAT EQUIPMENT

3 1/2"

1- GUIDE SHOE	@	<u>232.00</u>	<u>232.00</u>
1- AEU INSERT	@	<u>353.00</u>	<u>353.00</u>
1- BASKET	@	<u>300.00</u>	<u>300.00</u>
3- CENTRALIZERS	@	<u>61.00</u>	<u>183.00</u>
	@		

TOTAL #

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX _____

TOTAL CHARGE # _____

DISCOUNT # _____

Net # _____

IF PAID IN 30 DAYS

SIGNATURE X [Signature]

RECEIVED
KANSAS CORP COMM
1996 OCT -7 P 12:28



CEMENTING LOG

STAGE NO

Date 8-10-96 District AMERICAN LAKE Ticket No. 4127
 Company J. B. R. OPERATING Rig L. O.
 Lease LAKE BROOKS Well No. 1
 County BAKER State KANSAS
 Location SCENIC Overlook View, 23, WIND Field

CEMENT DATA **ORIGINAL**
 Spacer Type _____
 Amt _____ Skys Yield _____ ft³/sk Density _____ PPG

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size _____ Type _____ Weight _____ Collar _____

LEAD: Pump Time _____ hrs. Type 60/40 PPG +
670 GAL + 1/4" # HO-52AL Excess _____
 Amt 1.05 Skys Yield 1.58 ft³/sk Density 13.4 PPG

Casing Depths: Top 85/8 1027 Bottom _____

TAIL: Pump Time _____ hrs. Type _____
 Excess _____
 Amt _____ Skys Yield _____ ft³/sk Density _____ PPG
 WATER: Lead 7.8 gals/sk Tail _____ gals/sk Total 19.5 Bbls

Drill Pipe: Size 4 1/2 Weight _____ Collars _____
 Open Hole: Size 7 7/8 T.D. 810 ft. P.B. to 1050 ft.

Pump Trucks Used 237
 Bulk Equip. 242

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. .0637 Lin. ft./Bbl. 15.70
 Open Holes: Bbls/Lin. ft. .0602 Lin. ft./Bbl. 16.593
 Drill Pipe: Bbls/Lin. ft. .01422 Lin. ft./Bbl. 70.32
 Annulus D.P.C. Bbls/Lin. ft. .0440 Lin. ft./Bbl. 22.72
 O.P.x H Bbls/Lin. ft. .0405 Lin. ft./Bbl. 24.6474
 Perforations: From _____ ft. to _____ ft. Amt _____

Float Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Btm _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type _____ Amt _____ Bbls Weight _____ PPG
 Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE _____

CEMENTER NEAL T. KUPP

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
						1st Plug @ 1050 w/ 40 SK
2:10	50			3	4.5	LOAD HOLE
	100			11	4.5	START H ₂ O
	100			1	4.5	START SLURRY
	150					START H ₂ O
2:15	0		26.25	11.25	4.5	START MUD
						Plug in Place - Shut Down
						Cement Top D.P. out in 85/8 C.S.G. 876'
						2nd Plug @ 560' w/ 40 SK
2:36	75			3	4.5	LOAD HOLE
	75			11	4.5	START H ₂ O
	125			1	4.5	START SLURRY
	100			4.25	4.5	START H ₂ O
2:40	0		19.25			START MUD
						Plug in Place - Shut Down
						Cement Top D.P. out 387'
3:00						3rd Plug @ 40' w/ 10 SK + Dry hole Plug
						Set Dry hole Plug BRIDGE
				2.75		START SLURRY
						Slurry to Surface - Shut Down
						KATHOLE w/ 15 SK
3:15			6.75	4.0		START SLURRY
3:45						Slurry to Surface - Shut Down
						WASH UP TRK - Job COMPLETE

FINAL DISP. PRESS: _____ PSI BUMP PLUG TO _____ PSI BLEEDBACK _____ BBLs
 Taylor Printing, Inc., Pratt, KS THANK YOU **NR**

ALLIED CEMENTING CO., INC.

4127

EMIT TO: P.O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

SERVICE POINT:

Medicine Lodge Ks

DATE 8-10-76	SEC 12	TWP 32	RANGE 14	CALLED OUT AT 9:00	ON LOCATION 11:30	JOB START 7:00	JOB FINISH 3:30
LEASE Brooks	WELL # 2	LOCATION Service Overlook 1/2 W, 2 S, 14 E			COUNTY Barber	STATE KANSAS	

OLD OR NEW (Circle one)

CONTRACTOR L. D. DREILING
 TYPE OF JOB KOTARY Plug
 HOLE SIZE 7 1/8 T.D. 4840
 CASING SIZE 8 5/8 DEPTH 1027
 TUBING SIZE DEPTH
 DRILL PIPE 4 1/2 DEPTH 1050
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG.
 PERFS.

OWNER J. B. R. OPERATING
 CEMENT
 AMOUNT ORDERED 10.5 5x 60/40 / 6% GEL +
 1/4" Flt - STAL / 3K

COMMON 63 5x	@ 6.10	584.30
POZMIX 42 5x	@ 3.15	132.30
GEL 6 5x	@ 9.50	57.00
CHLORIDE	@	28.75
Flt - STAL - 25 lbs.	@ 1.15	
	@	
	@	
	@	
	@	
HANDLING 105	@ 1.05	110.25
MILEAGE 105 x 15 x .04 (MINIMUM)		80.00

EQUIPMENT

PUMP TRUCK CEMENTER Neal Rupp
 #237 HELPER JUSTIN HART
 BULK TRUCK
 #242 DRIVER James Holt
 BULK TRUCK
 # DRIVER

TOTAL

REMARKS:

1st Plug @ 1050 w/ 40 5x
 2nd Plug @ 560 w/ 40 5x
 3rd Plug @ 40' w/ 10 5x 18 5/8 Dry Hole
 Kathole w/ 15 5x

SERVICE

DEPTH OF JOB 1050		
PUMP TRUCK CHARGE		445.00
EXTRA FOOTAGE	@	
MILEAGE 15	@ 2.85	42.75
PLUG 1 8 5/8 Dry hole	@ 23.00	23.00
	@	
	@	

TOTAL

CHARGE TO: J. B. R. OPERATING
 STREET
 CITY STATE ZIP

FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	

TOTAL

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TAX
 TOTAL CHARGE
 DISCOUNT IF PAID IN 30 DAYS

SIGNATURE James Holt

RECEIVED
KANSAS CORP COMM

1996 OCT -7 P 12:28

**DRILL STEM TEST INFORMATION - ATTACH TO COMPLETION REPORT (ACO-1)
#1 LAKE BROOKS**

ORIGINAL

DST #1 Results - Lansing "B" (4027 - 4044)

IFP (Initial Flow Pressure)	32
ISIP (Initial Shut-in Pressure)	864
IHP (Initial Hydrostatic Pressure)	1959
FFP (Final Flow Pressure)	35
FSIP (Final Shut-in Pressure)	1062
FHP (Final Hydrostatic Pressure)	1902

Initial flow - Fair blow built to the bottom of 5 gal. bucket in 10 minutes.

Final flow - Strong blow built to the bottom of a 5 gal. bucket in 15 seconds and decreased.

Recovery

2000' gas in pipe
30' very slightly oil cut

DST #2 Results - Drum Limestone (Tested 4211 - 4229)

IFP (Initial Flow Pressure)	101
ISIP (Initial Shut-in Pressure)	1345
IHP (Initial Hydrostatic Pressure)	2085
FFP (Final Flow Pressure)	159
FSIP (Final Shut-in Pressure)	1338
FHP (Final Hydrostatic Pressure)	2015

Initial flow - Strong blow with gas to surface in 5 minutes.

<u>Comments</u>	<u>Time</u>	<u>Minutes</u>	<u>Gas Rate (MCF/Day)</u>
Tool opened	8:55am	10 mins.	24.5
at 8:45am	9:05am	20 mins.	20.9
	9:15am	30 mins.	15.4

Final flow - Strong blow - see following rates.

<u>Comments</u>	<u>Time</u>	<u>Minutes</u>	<u>Gas Rate (MCF/Day)</u>
Tool opened	10:25am	10 mins.	21.9
at 10:15am	10:35am	20 mins.	4.12
	10:45am	30 mins.	2.92

Recovery

120' oil and gas cut slightly water cut mud.
60' oil cut slightly muddy water.
60' slightly muddy water with a show of oil.
60' slightly muddy water with a show of oil.

DST #3 Results - Marmaton (Neva) Limestone (4423-4437)

IFP (Initial Flow Pressure)	35-44
ISIP (Initial Shut-in Pressure)	1309
IHP (Initial Hydrostatic Pressure)	2110
FFP (Final Flow Pressure)	145-55
FSIP (Final Shut-in Pressure)	1305
FHP (Final Hydrostatic Pressure)	2104

Initial flow - Good blow built to bottom of a 5 gallon bucket in 4 minutes.

Final flow - Strong blow built to the bottom of a 5 gallon bucket in 1 minute and decreased to a good blow.

Recovery - 55' drilling mud

RECEIVED
KANSAS CORP COMM
1996 OCT -7 P 12:27

Superior Testers Enterprises, Inc.

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

(316) 792-6902

15-007-22511

ORIGINAL

Date 8-6-1996 Location NE 1/4 14 12-38-14 N 1799 KB Elevation 1794 G.L. County BARBER

Company JAMES B. REED OPERATING INC. Number of Copies 5

Charts Mailed to P.O. Box 638 Ardmore Oklahoma 73402

Drilling Contractor L.D. Drilling Rig #1

Length Drill Pipe 4008 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 NONE I.D. Drill Collars NONE Tool Joint Size NONE

Top Packer Depth 4022 Bottom Packer Depth 4027 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 4027 TO 4044 ANCHOR LENGTH 17 TOTAL DEPTH 4044 Hole Size 7 7/8"

LEASE & WELL NO. Brooks #1 FORMATION TESTED KANSAS CITY B TEST NO. 1

Mud Weight 9.1 Viscosity 46 Water Loss 13 Chlorides - Pits 7,000 D.S.T. 1

Maximum Temp. 116 °F Initial Hydrostatic Pressure (A) 1958 P.S.I. Final Hydrostatic Pressure (H) 1902 P.S.I.

Tool Open I.F.P. from 10:45 A.M. to 11:15 A.M. 30 min

Tool Closed I.C.I.P. from 11:15 A.M. to 12:15 A.M. 60 min

Tool Open F.F.P. from 12:15 P.M. to 1:15 A.M. 60 min

Tool Closed F.C.I.P. from 1:15 A.M. to 2:45 A.M. 90 min

Initial Blow fair blow built to the bottom of a 5 Gallon bucket in 10 minutes

Final Blow Strong blow built to the bottom of a 5 Gallon bucket in 15 seconds & DECREASED

Total Feet Recovered 30

Gravity of Oil _____ Corrected _____

2002 Feet of Gas in the Pipe 100% Gas 0% Oil 0% Mud 0% Water

30 Feet of Very Slightly oil cut 0% Gas 2% Oil 98% 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

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_____ 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 NONE Safety Joint NONE Extra Packer NONE Straddle NONE Hook Wall NONE

Top Recorder No. 78225 Clock No. Electronic Depth 4037 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 11088 Clock No. 23715 Depth 4041 Insurance NONE

Price of Job _____

Tool Operator Jane Budig

Approved By _____

NO 11285

RECEIVED KANSAS CORP COMM

from [B]	<u>32</u>	P.S.I. to [C]	<u>35</u>	P.S.I.
[D]	<u>864</u>			P.S.I.
from [E]	<u>34</u>	P.S.I. to [F]	<u>37</u>	P.S.I.
[G]	<u>1062</u>			P.S.I.

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 in full by the party for whom the test is made.

SUPERIOR TESTERS ENTERPRISES INC.

Great Bend, Kansas

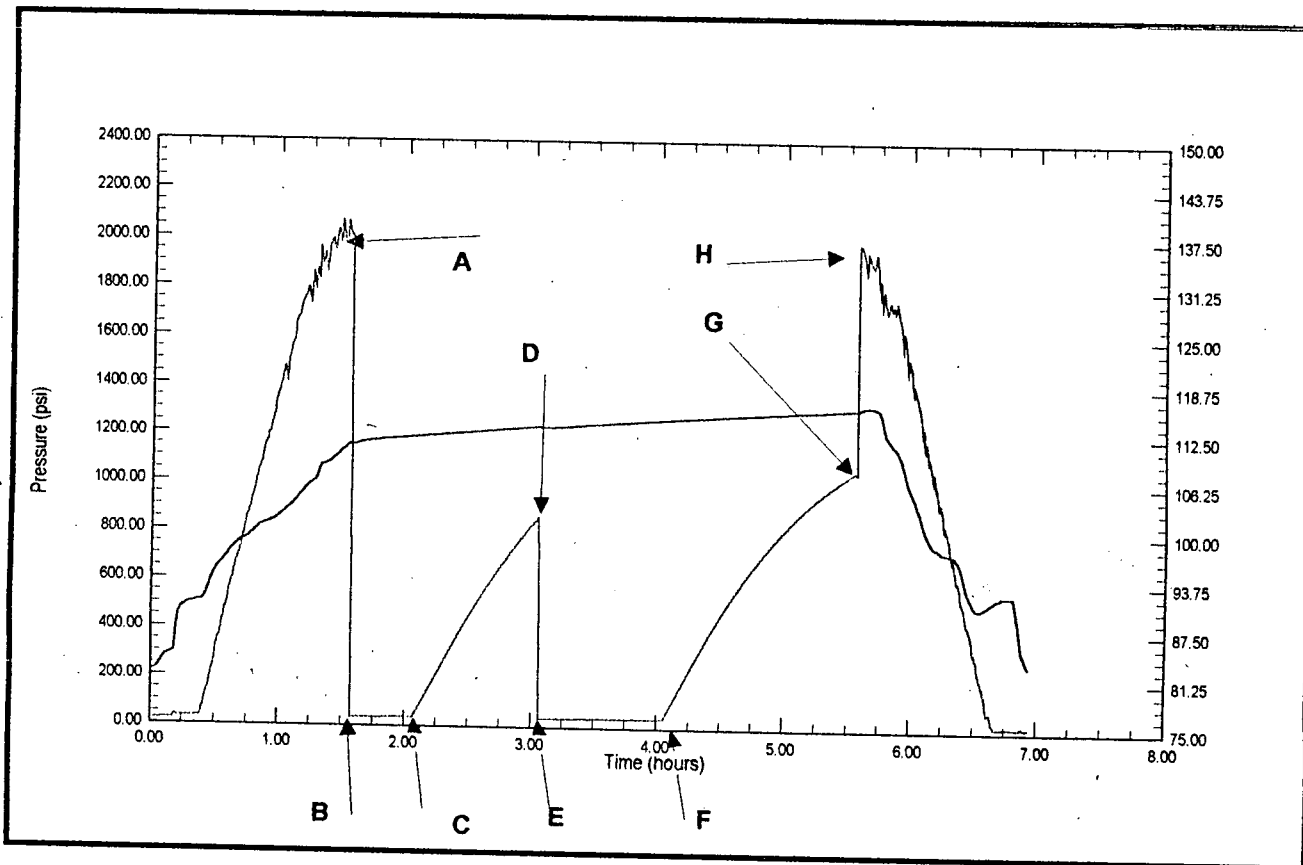
CHART DATA
BROOK #1 KANSAS CITY "B"

(316) 792-6902

State KANSAS
County
Field WILDCAT

Test Date August 6, 1996
Sec Town Range 12-32S-14W
Report Number 11285

Company: JAMES B. REED OPERATING Lease-Well No: LAKE BROOKS#1 Test #: 1 Date: 8-6-1996 Sec. 4TWP. 12S RGE. 14W



Field Reading

Office Reading

(A) ial Hydrostatic Pressure	1959	psi
(B) Initial Flow Pressure	32	psi
(C) nal Initial Flow Pressure	35	psi
(D) Initial Shut-In Pressure	864	psi
(E) itial Final Flow Pressure	34	psi
(F) Final Flow Pressure	37	psi
(G) Final Shut-In Pressure	1062	psi
(H) ial Hydrostatic Pressure	1902	psi

RECEIVED
KANSAS CORP COMM
1996 OCT -7 P 4:30

Mechanical Recorder Depth 4041 ft, Recorder Number 11088

SUPERIOR TESTERS ENTERPRISES INC.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS (316)792-6902

General Information

Test Company Name SUPERIOR TESTERS ENTERPRISES INC.
Company Name JAMES B. REED OPERATING INC.
Lease and Well Number BROOK #1
Formation Tested KANSAS CITY"B"
Test Number 1
State KANSAS
County BARBER
Field WILDCAT
Test Date 6-Aug-96
Section Town Range 12-32S-14W
Report Number 11285
Elevation Ground Level 1794
Elevation Kelly Bushings 1799
Company Representative STEVE MILLER
Testing Engineer GENE BUDIG

ORIGINAL

Extra Equipment

Jars No
Safety Joint No
Extra Packes No
Straddle No
Hook Wall No
Sampler No
Circulating Sub No
Electronic Recorder YES

Well Information

Drilling Contractor L.D. DAVIS DRILLING RIG #1

Drill Pipe Length 4008
Drill Pipe I.D. 3.8
Tool Joint Size 4 1/2 XH

Weight Pipe Length
Weight Pipe I.D. 2.76
Tool Joint Size 4 1/2 X.H.

Drill Collar Length
Drill Collar I.D. 2.25
Tool Joint Size 4 1/2 X.H.

Mud Weight #/gal 9.10
Viscosity 46.00
Water Loss J13
Chlorides - Pits 7,000
Chlorides - DST

SUPERIOR TESTERS ENTERPRISES INC.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS (316)792-6902

Tool Setting Information

Top Packer Depth 4022
Bottom packer Depth 4027
Number of Packers 2
Packer Size 6 3/4

Test Interval (from) 4027
Test Interval (to) 4044.00
Anchor Length 17
Total Depth (ft) 4044
Hole Size (in) 7 7/8

Pressure Readings

	Field Reading	Office Reading
Maximum Temp	116	
Initial Hydrostatic Pressure	1959	
Initial Flow Pressure	32	
Final Initial Flow Pressure	35	
Initial Shut-In Pressure	864	
Initial Final Flow Pressure	34	
Final Flow Pressure	37	
Final Shut-In Pressure	1062	
Final Hydrostatic Pressure	1902	
Mechanical Recorder Depth (ft)	4041	
Recorder Number	11088	
Electronic Recorder Depth	4037	
Recorder Number	78225	

Comments

SUPERIOR TESTERS ENTERPRISES INC.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS (316)792-6902

Flow Times

Initial Open
 Tool Open (from) 10:45
 Tool Open (to) 11:15
 Duration (min) 30

Initial Shut-in
 Tool Closed (from) 11:15
 Tool Closed (to) 12:15
 Duration (min) 60

Final Open
 Tool Open (from) 12:15
 Tool Open (to) 1:15
 Duration (min) 60

Final Shut-in
 Tool Closed (from) 1:15
 Tool Closed (to) 2:45
 Duration (min) 90

ORIGINAL

Recovery Description

Initial Blow FAIR BLOW BUILT TO THE BOTTOM OF A FIVE GALLON BUCKET IN 10 MINUTES

Final Blow STRONG BLOW BUILT TO THE BOTTOM OF A FIVE GALLON BUCKET IN 15 SECONDS DECREASED TO A FAIR BLOW

Description	Feet of Recovery	% Gas	% Oil	% Mud	% Water
1) GAS IN THE PIPE	2200	100	0	0	0
2) SLIGHTLY OIL AND GAS CUT MUD	30	0	2	98	0
3)					
4)					
5)					
6)					
7)					
8)					
9)					
10)					
11)					
12)					
13)					
14)					
15)					
Total	2230				

15-007-22511

Superior Testers Enterprises, Inc.

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

ORIGINAL

(316) 792-6902

Date 8-7-1996 Location B5 1/4 195' SE NW NE E of N 1/4 12-32-14 Elevation 1799 KB County BARBER

Company JAMES B. REED OPERATING INC. Number of Copies 5

Charts Mailed to P.O. Box 638 ARDMORE OKLAHOMA 73402

Drilling Contractor L. D. Davis Drilling Co #1

Length Drill Pipe 4200 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2" X 4"

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

Length Drill Collars NONE I.D. Drill Collars NONE Tool Joint Size NONE

Top Packer Depth 4206 Bottom Packer Depth 42011 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 4211 TO 4229 ANCHOR LENGTH 18 TOTAL DEPTH 4229 Hole Size 7 7/8"

LEASE & WELL NO. LAKE BROOKS #1 FORMATION TESTED KANSAS City "DEW" TEST NO. 2

Mud Weight 8.1 Viscosity 45 Water Loss 10.2 Chlorides - Pits 7000 D.S.T. _____

Maximum Temp. 125 °F Initial Hydrostatic Pressure (A) 2085 P.S.I. Final Hydrostatic Pressure (H) 2015 P.S.I.

Tool Open I.F.P. from 8:45 A.m to 9:15 A.m 30 min

Tool Closed I.C.I.P. from 9:15 A.m to 10:15 A.m 60 min

Tool Open F.F.P. from 10:15 A.m to 10:45 A.m 30 min

Tool Closed F.C.I.P. from 10:45 A.m to 12:15 A.m 90 min

from [B] <u>84</u> P.S.I. to [C] <u>101</u> P.S.I.
[D] <u>1345</u> P.S.I.
from [E] <u>121</u> P.S.I. to [F] <u>159</u> P.S.I.
[G] <u>1338</u> P.S.I.

Initial Blow Strong blow with gas to surface in 5 minutes

Final Blow Strong blow. See gas flow report

Total Feet Recovered 300 Gravity of Oil _____ Corrected _____

120 Feet of Oil & Gas out slightly water cut mud 19% Gas 8% Oil 55% Mud 18% Water

60 Feet of Oil cut slightly muddy water 0% Gas 20% Oil 5% Mud 75% Water

60 Feet of Slightly muddy water with a show of oil 0% Gas 2% Oil 2% Mud 96% Water

60 Feet of Slightly muddy water with a show of oil 0% Gas 1% Oil 2% Mud 97% 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 NONE Safety Joint NONE Extra Packer NONE Straddle NONE Hook Wall NONE

Top Recorder No. Electronic Clock No. 78225 Depth 4222 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 11088 Clock No. 23715 Depth 4226 Insurance NONE

Price of Job _____

Tool Operator Aene Sudj

Approved By NO 11286

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

LAKE BROOKS #1 KANSAS CITY "DRUM"

State KANSAS

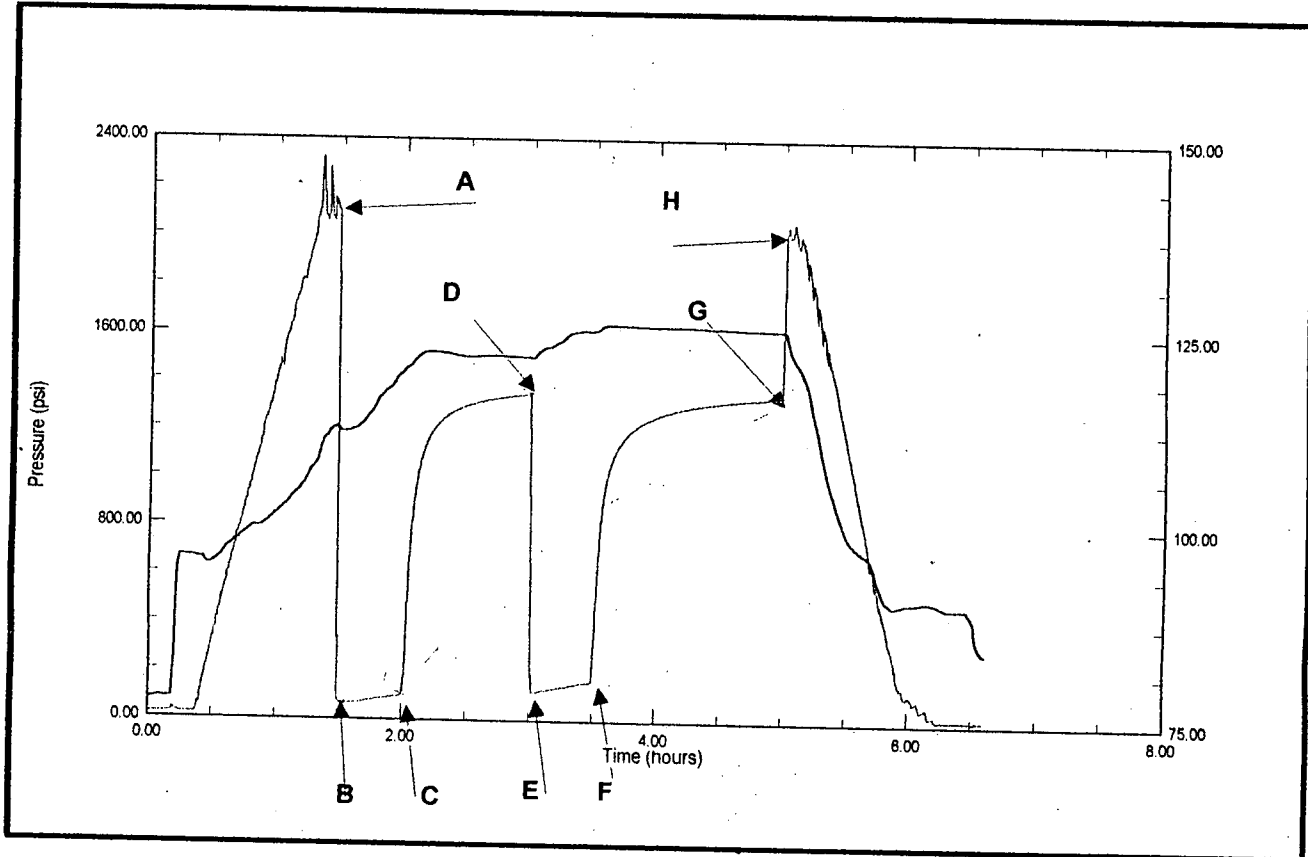
Test Date August 7, 1996

County

Sec Town Range 12-32S-14W

Field WILDCAT

Report Number 1128



Field Reading

Office Reading

(A) ial Hydrostatic Pressure	2085	
(B) Initial Flow Pressure	84	psi
(C) nal Initial Flow Pressure	101	psi
(D) Initial Shut-In Pressure	1345	psi
(E) itial Final Flow Pressure	121	psi
(F) Final Flow Pressure	159	psi
(G) Final Shut-In Pressure	1338	psi
(H) ial Hydrostatic Pressure	2015	psi

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Mechanical Recorder Depth 4226 ft, Recorder Number 11088

Company: JAMES B. READ Lease-Well No: LAKE BROOKS #1 Test #: 2 Date: 8-7-1996 Sec. 12 TWP. 32S RGE. 14W

SUPERIOR TESTERS ENTERPRISES INC. DRILL STEM TEST REPORT

GREAT BEND, KANSAS (316)792-6902

General Information

Test Company Name SUPERIOR TESTERS ENTERPRISES INC.
Company Name JAMES B. READ OPERATING INC.
Lease and Well Number LAKE BROOKS #1
Formation Tested KANSAS CITY "DRUM"
Test Number 2
State KANSAS
County BARBER
Field WILDCAT
Test Date 7-Aug-96
Section Town Range 12-32S-14W
Report Number 1128
Elevation Ground Level 1794
Elevation Kelly Bushings 1799
Company Representative STEVE MILLER
Testing Engineer GENE BUDIG

ORIGINAL

Extra Equipment

Jars No
Safety Joint No
Extra Packs No
Straddle No
Hook Wall No
Sampler No
Circulating Sub No
Electronic Recorder YES

Well Information

Drilling Contractor L.D. DAVIS RIG #1
Drill Pipe Length 4202
Drill Pipe I.D. 3.8
Tool Joint Size 4 1/2 XH
Weight Pipe Length
Weight Pipe I.D. 2.76
Tool Joint Size 4 1/2 X.H.
Drill Collar Length
Drill Collar I.D. 2.25
Tool Joint Size 4 1/2 X.H.
Mud Weight #/gal 8.90
Viscosity 45.00
Water Loss 10.2
Chlorides - Pits 7,000
Chlorides - DST

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1996 OCT -7 P 4:30

SUPERIOR TESTERS ENTERPRISES INC.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS (316)792-6902

Tool Setting Information

Top Packer Depth 4206
Bottom packer Depth 4211
Number of Packers 2
Packer Size 6 3/4

Test Interval (from) 4211
Test Interval (to) 4229.00
Anchor Length 18
Total Depth (ft) 4229
Hole Size (in) 7 7/8

Pressure Readings

	<i>Field Reading</i>	<i>Office Reading</i>
Maximum Temp	125	
Initial Hydrostatic Pressure	2085	
Initial Flow Pressure	84	
Final Initial Flow Pressure	101	
Initial Shut-In Pressure	1345	
Initial Final Flow Pressure	121	
Final Flow Pressure	159	
Final Shut-In Pressure	1338	
Final Hydrostatic Pressure	2015	
Mechanical Recorder Depth (ft)	4226	
Recorder Number	11088	
Electronic Recorder Depth	4222	
Recorder Number	78225	

Comments

SUPERIOR TESTERS ENTERPRISES INC.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS (316)792-6902

Flow Times

Initial Open

Tool Open (from) 8:45
 Tool Open (to) 9:15
 Duration (min) 30

Initial Shut-in

Tool Closed (from) 9:15
 Tool Closed (to) 10:15
 Duration (min) 60

Final Open

Tool Open (from) 10:15
 Tool Open (to) 10:45
 Duration (min) 30

Final Shut-in

Tool Closed (from) 10:45
 Tool Closed (to) 12:15
 Duration (min) 90

ORIGINAL

Recovery Description

Initial Blow STRONG BLOW WITH GAS TO SUFACE IN 5 MINUTES

Final Blow STRONG BLOW-SEE GAS FLOW REPORT

Description	Feet of Recovery	% Gas	% Oil	% Mud	% Water
1) oil and gas cut slightly water cut mud	120	19	8	55	18
2) oil cut slightly muddy water	60	0	20	5	75
3) slightly muddy water with a show of oil	60	0	2	2	96
4) slightly muddy water with a show of oil	60	0	1	1	97
5)					
6)					
7)					
8)					
9)					
10)					
11)					
12)					
13)					
14)					
15)					
Total	300				

SUPERIOR TESTERS ENTERPRISES INC.

GREAT BEND, KANSAS

GAS FLOW RATE

(316) 792-6902

LAKE BROOKS #1 KANSAS CITY "DRUM"

State KANSAS

Test Date August 7, 1996

County BARBER

Sec Town Range 12-32S-14W

Field WILDCAT

Report Number 1128

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	8:45	10	15			0.50	24.500
AT 8:45 WITH	9:05	20	11			0.50	20.900
GAS TO	9:15	30	6			0.50	15.400
SURFACE IN 5 MINUTES							

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 OPEN AT	10:25	10	12.00			0.50	21.900
10:15	10:35	20	6.00			0.25	4.120
	10:45	30	3.00			0.25	2.920

Superior Testers Enterprises, Inc.

15-007-22511

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

(316) 792-6902

ORIGINAL

Date 8-8-1996 Location NE 1/4 of 14-14-14-14 Elevation 1799K.B. County BARBER

Company JAMES B. READ OPERATING INC. Number of Copies 5

Charts Mailed to P.O. Box 638 Ardmore Oklahoma 73402

Drilling Contractor L.D. Davis Sig #1

Length Drill Pipe 4404 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 NONE I.D. Drill Collars NONE Tool Joint Size NONE

Top Packer Depth 4418 Bottom Packer Depth 4423 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 4423 TO 4437 ANCHOR LENGTH 14 TOTAL DEPTH 4437 Hole Size 7 7/8"

LEASE & WELL NO. LAKE BROOKS #1 FORMATION TESTED Marmaton TEST NO. 3

Mud Weight 9.1 Viscosity 49 Water Loss 12 Chlorides - Pits 7000 D.S.T. 9000

Maximum Temp. 119 °F Initial Hydrostatic Pressure (A) 2110 P.S.I. Final Hydrostatic Pressure (H) 2104 P.S.I.

Tool Open I.F.P. from 10:30 A m to 11:00 A m 30 min from [B] 35 P.S.I. to [C] 44 P.S.I.

Tool Closed I.C.I.P. from 11:00 A m to 11:45 A m 45 min [D] 1309 P.S.I.

Tool Open F.F.P. from 11:45 A m to 12:15 P m 30 min from [E] 45 P.S.I. to [F] 55 P.S.I.

Tool Closed F.C.I.P. from 12:15 P m to 1:15 P m 60 min [G] 1305 P.S.I.

Initial Blow Good blow built to the bottom of a 5 gallon bucket in 4 minutes

Final Blow Good blow - built to the bottom of the bucket in 1 min DECREASED to Good blow

Total Feet Recovered 55 Gravity of Oil _____ Corrected _____

55 Feet of Drilling mud no show of oil & no odor %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 _____

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

Remarks _____

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

Top Recorder No. 78225 Clock No. Electronic Depth 4430 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 11088 Clock No. 27514 Depth 4434 Insurance NONE

Price of Job _____

Tool Operator Gene Ludwig

Approved By _____

NO 11207

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: JAMES B. READ OPERATING Lease-Well No: LAKE BROOKS #1 Test #: 3 Date: 8-8-1996 Sec. 12
TWP. 32S RGE. 14W

SUPERIOR TESTERS ENTERPRISES INC.

Great Bend, Kansas

CHART DATA

(316) 792-6902

LAKE BROOKS #1 MARMATON

State KANSAS

Test Date August 8, 1996

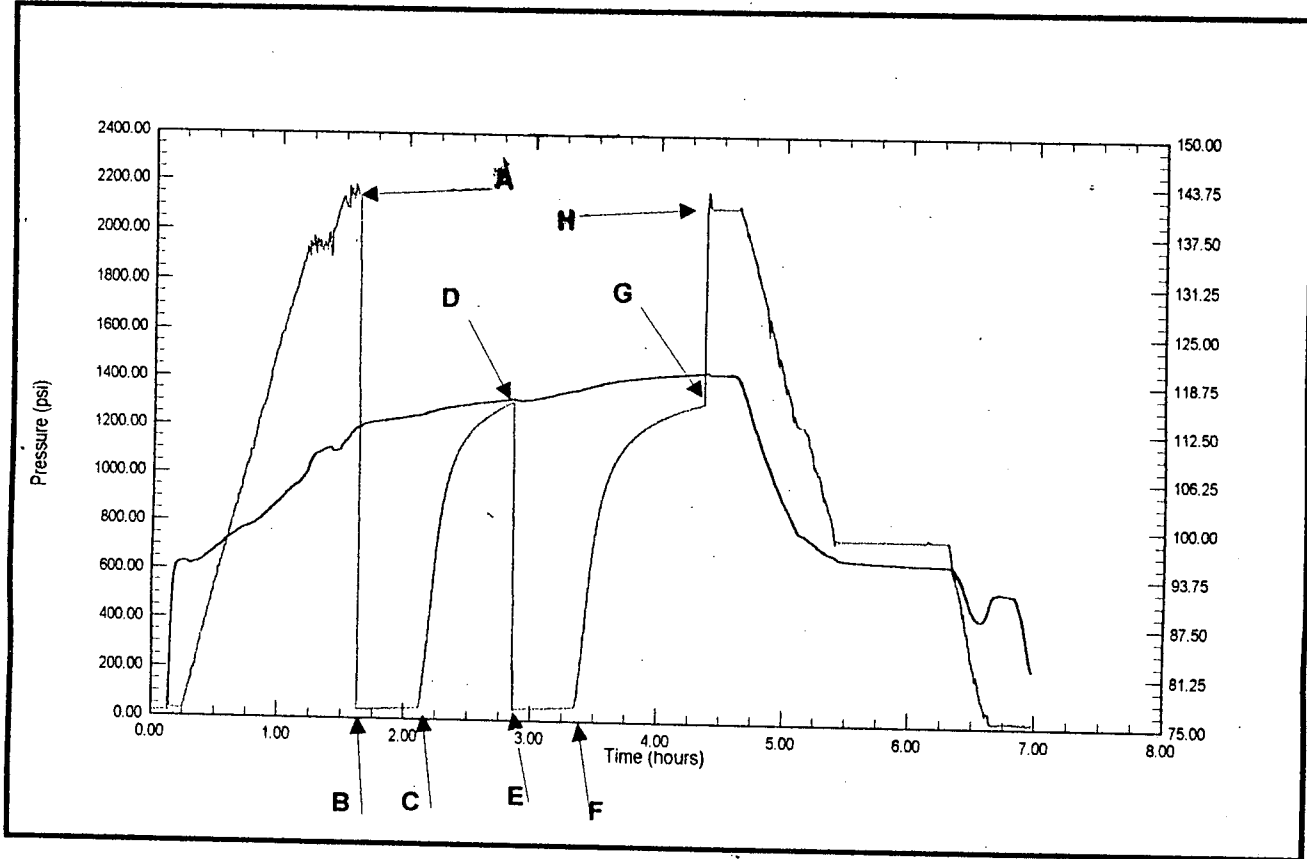
County

Sec Town Range 12-32S-14W

Field WILDCAT

Report Number 11287

Company: JAMES B. READ OPERATING Lease-Well No: LAKE BROOKS #1 Test #: 3 Date: 8-8-1996 Sec. 12
 TWP. 32S RGE. 14W



Field Reading

Office Reading

(A) ial Hydrostatic Pressure	2110	psi
(B) Initial Flow Pressure	35	psi
(C) nal Initial Flow Pressure	44	psi
(D) Initial Shut-In Pressure	1309	psi
(E) itial Final Flow Pressure	45	psi
(F) Final Flow Pressure	55	psi
(G) Final Shut-In Pressure	1305	psi
(H) ial Hydrostatic Pressure	2104	psi

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Mechanical Recorder Depth 4434 ft, Recorder Number 11088

SUPERIOR TESTERS ENTERPRISES INC.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS (316)792-6902

General Information

Test Company Name SUPERIOR TESTERS ENTERPRISES INC.
Company Name JAMES B. READ OPERATING INC.
Lease and Well Number LAKE BROOKS #1
Formation Tested MARMATON
Test Number 3
State KANSAS
County BARBER
Field WILDCAT
Test Date 8-Aug-96
Section Town Range 12-32S-14W
Report Number 11287
Elevation Ground Level 1794
Elevation Kelly Bushings 1799
Company Representative STEPHEN J. MILLER
Testing Engineer GENE BUDIG

ORIGINAL

Extra Equipment

Jars No
Safety Joint No
Extra Packers No
Straddle No
Hook Wall No
Sampler No
Circulating Sub No
Electronic Recorder YES

Well Information

Drilling Contractor L.D.DAVIS DRILLING RIG#1

Drill Pipe Length 4404
Drill Pipe I.D. 3.8
Tool Joint Size 4 1/2 XH

Weight Pipe Length
Weight Pipe I.D. 2.76
Tool Joint Size 4 1/2 X.H.

Drill Collar Length
Drill Collar I.D. 2.25
Tool Joint Size 4 1/2 X.H.

Mud Weight #/gal 9.10
Viscosity 49.00
Water Loss 12
Chlorides - Pits 7,000
Chlorides - DST

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SUPERIOR TESTERS ENTERPRISES INC.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS (316)792-6902

Tool Setting Information

Top Packer Depth 4418
Bottom packer Depth 4423
Number of Packers 2
Packer Size 6 3/4

Test Interval (from) 4423
Test Interval (to) 4437.00
Anchor Length 14
Total Depth (ft) 4437
Hole Size (in) 7 7/8

Pressure Readings

	Field Reading	Office Reading
Maximum Temp	119	
Initial Hydrostatic Pressure	2110	
Initial Flow Pressure	35	
Final Initial Flow Pressure	44	
Initial Shut-In Pressure	1309	
Initial Final Flow Pressure	45	
Final Flow Pressure	55	
Final Shut-In Pressure	1305	
Final Hydrostatic Pressure	2104	
Mechanical Recorder Depth (ft)	4434	
Recorder Number	11088	
Electronic Recorder Depth	4430	
Recorder Number	78225	

Comments

THERE WAS NO SHOWS OF OIL AND NO ODOR OF GAS

SUPERIOR TESTERS ENTERPRISES INC.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS (316)792-6902

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) 1:15
 Duration (min) 60

ORIGINAL

Recovery Description

Initial Blow GOOD BLOW BUILT TO THE BOTTOM OF A 5 GALLON BUCKET IN 4 MINUTES

Final Blow STRONG BLOW BUILT TO THE BOTTOM OF A 5 GALLON BUCKET IN 1 MINUTE AND DECREASE TO A GOOD BLOW

Description	Feet of Recovery	% Gas	% Oil	% Mud	% Water
1) DRILLING MUD	55	0	0	86	15
2)					
3)					
4)					
5)					
6)					
7)					
8)					
9)					
10)					
11)					
12)					
13)					
14)					
15)					
Total	55				