

TO: Texas Oil & Gas Corp.
200 W. Douglas
Wichita, Kansas 67202

FROM: Western Testing Co., Inc.
PO Box 1599
Wichita, Kansas 67202

DATE: September 22, 1979

SUBJECT: Copies of drill stem test mailed to interest owners

DRILL STEM TEST NUMBER: Test #1

WELL NAME AND NUMBER: McKaig #1

COUNTY: Harper County, Kansas

COPIES MAILED TO:

F. G. Holl
6427 E. Kellogg
Wichita, Kansas 67207
(Four copies)

Texas Oil & Gas Corporation
200 West Douglas, Suite 300
Wichita, Kansas 67202
(Four copies & invoice)

Texas Oil & Gas Corporation
2700 Fidelity Union Tower
Dallas, Texas 75201
(One copy)



P. O. BOX 1599 PHONE (316) 838-0601
WICHITA, KANSAS 67201

WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET NO. 3416

Elevation 1438 K.B. Formation Douglas Eff. Pay Ft.

District PRATT Date 9-22-79 Customer Order No.

COMPANY NAME Texas Oil & Gas

ADDRESS 200 W. Douglas St. WICHITA, KANS. 20 32S 8W

LEASE AND WELL NO. McKraig #1 COUNTY HARPER STATE KANS. Sec. 20 Twp. 32S Rge. 8W

Mail Invoice To Sam Co. Name Sam Address No. Copies Requested Reg.

Mail Charts To Sam Address No. Copies Requested Reg. 9

Formation Test No. 174 Interval Tested from 3385 ft. to 3487 ft. Total Depth 3487 ft.

Packer Depth 3374 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Packer Depth 3385 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 3417 ft. Recorder Number 6246 Cap. 5200

Bottom Recorder Depth (Outside) 3420 ft. Recorder Number 5673 Cap. 5400

Below Straddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor SLAWSON DRIG. #4 Drill Collar Length 311 I. D. 2.2 in.

Mud Type DRIS pac Viscosity 41 Weight Pipe Length I. D. in.

Weight 9.2 Water Loss cc. Drill Pipe Length 3040 I. D. 3.8 in.

Chlorides 22,000 P.P.M. Test Tool Length 34 ft. Tool Size 5 1/2 O.D. in.

Jars: Make W.T.C. Serial Number Anchor Length 6 1/2 ft. Size 5 1/2 O.D. in.

Did Well Flow? NO Reversed Out NO Surface Choke Size 3/4 in. Bottom Choke Size 1 1/2 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 F.H. in.

Blow: WEAK Blow Thru-out Test

Recovered 600 ft. of DRIG. mud Chlorides Top. 36,000 P.P.M.

Recovered 300 ft. of Mud cut WATER Mid. 64,000 P.P.M.

Recovered ft. of Bot. 105,000 P.P.M.

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 7:43 A.M. Time Started Off Bottom 11:28 A.M. Maximum Temperature 109

Initial Hydrostatic Pressure (A) 1603 P.S.I.

Initial Flow Period 30 Minutes (B) 39 P.S.I. to (C) 91 P.S.I.

Initial Closed In Period 60 Minutes (D) 1344 P.S.I.

Final Flow Period 45 Minutes (E) 130 P.S.I. to (F) 170 P.S.I.

Final Closed In Period 90 Minutes (G) 1305 P.S.I.

Final Hydrostatic Pressure (H) 1590 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 R. W. Dahler Signature of Customer or his authorized representative

Western Representative Dave Sloan

Thank you

FIELD INVOICE

Open Hole Test \$ ✓ 500.00
Misrun \$
Straddle Test \$
Jars \$ ✓ 275.00
Selective Zone \$
Safety Joint \$ ✓ 35.00
Standby \$
Evaluation \$
Extra Packer \$
Circ. Sub. \$
Mileage PRATT \$ ✓
Fluid Sampler \$
Extra Charts 5.00 \$ 20.00
TOTAL \$ 830.00

SEP 25 1979

WESTERN TESTING CO., INC.

Pressure Data

Date 9-22-79 Test Ticket No. 3416
 Recorder No. 6246 Capacity 5200 Location 3417 Ft.
 Clock No. Elevation 14387.6 Well Temperature 109 °F
 Point Pressure Time Given Time Computed
 A. Initial Hydrostatic Mud 1617 P.S.I. Open Tool 7143 AM
 B First Initial Flow Pressure 44 P.S.I. First Flow Pressure 30 Mins. 30 Mins.
 C First Final Flow Pressure 105 P.S.I. Initial Closed-in Pressure 60 Mins. 60 Mins.
 D Initial Closed-in Pressure 1358 P.S.I. Second Flow Pressure 45 Mins. 45 Mins.
 E Second Initial Flow Pressure 128 P.S.I. Final Closed-in Pressure 90 Mins. 90 Mins.
 F Second Final Flow Pressure 186 P.S.I.
 G Final Closed-in Pressure 1321 P.S.I.
 H Final Hydrostatic Mud 1591 P.S.I.

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>20</u> Inc.		Breakdown: <u>9</u> Inc.		Breakdown: <u>30</u> 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 <u>0</u>	<u>44</u>	<u>0</u>	<u>105</u>	<u>0</u>	<u>128</u>	<u>0</u>	<u>186</u>
P 2 <u>5</u>	<u>58</u>	<u>3</u>	<u>636</u>	<u>5</u>	<u>134</u>	<u>3</u>	<u>505</u>
P 3 <u>10</u>	<u>71</u>	<u>6</u>	<u>882</u>	<u>10</u>	<u>144</u>	<u>6</u>	<u>783</u>
P 4 <u>15</u>	<u>81</u>	<u>9</u>	<u>995</u>	<u>15</u>	<u>154</u>	<u>9</u>	<u>903</u>
P 5 <u>20</u>	<u>94</u>	<u>12</u>	<u>1070</u>	<u>20</u>	<u>165</u>	<u>12</u>	<u>966</u>
P 6 <u>25</u>	<u>100</u>	<u>15</u>	<u>1117</u>	<u>25</u>	<u>173</u>	<u>15</u>	<u>1055</u>
P 7 <u>30</u>	<u>105</u>	<u>18</u>	<u>1155</u>	<u>30</u>	<u>180</u>	<u>18</u>	<u>1057</u>
P 8 <u>35</u>		<u>21</u>	<u>1189</u>	<u>35</u>	<u>182</u>	<u>21</u>	<u>1083</u>
P 9 <u>40</u>		<u>24</u>	<u>1215</u>	<u>40</u>	<u>184</u>	<u>24</u>	<u>1111</u>
P10 <u>45</u>		<u>27</u>	<u>1238</u>	<u>45</u>	<u>186</u>	<u>27</u>	<u>1132</u>
P11 <u>50</u>		<u>30</u>	<u>1259</u>	<u>50</u>		<u>30</u>	<u>1148</u>
P12 <u>55</u>		<u>33</u>	<u>1277</u>	<u>55</u>		<u>33</u>	<u>1158</u>
P13 <u>60</u>		<u>36</u>	<u>1288</u>	<u>60</u>		<u>36</u>	<u>1176</u> 1184
P14		<u>39</u>	<u>1298</u>	<u>65</u>		<u>39</u>	<u>1197</u>
P15		<u>42</u>	<u>1311</u>	<u>70</u>		<u>42</u>	<u>1210</u>
P16		<u>45</u>	<u>1321</u>	<u>75</u>		<u>45</u>	<u>1220</u>
P17		<u>48</u>	<u>1329</u>	<u>80</u>		<u>48</u>	<u>1229</u>
P18		<u>51</u>	<u>1337</u>	<u>85</u>		<u>51</u>	<u>1238</u>
P19		<u>54</u>	<u>1342</u>	<u>90</u>		<u>54</u>	<u>1246</u>
P20		<u>57</u>	<u>1348</u>			<u>57</u>	<u>1254</u>
		<u>60</u>	<u>1358</u> 1358			<u>60</u>	<u>1262</u>

(cont)

Company Texas Oil & Gas Corporation Lease & Well No. McKaig #1
 Elevation 1438 Kelly Bushing Formation Douglas Effective Pay -- Ft. Ticket No. 3416
 Date 9/22/79 Sec. 20 Twp 32S Range 8W County Harper State Kansas
 Test Approved by K. W. Dahlberg Western Representative Dave Sloan
 Formation Test No. 1 Interval Tested from 3385 ft. to 3487 ft. Total Depth 3487 ft.
 Packer Depth 3374 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
 Packer Depth 3385 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
 Depth of Selective Zone Set --
 Top Recorder Depth (Inside) 3417 ft. Recorder Number 6246 Cap. 5200
 Bottom Recorder Depth (Outside) 3420 ft. Recorder Number 5673 Cap. 5400
 Below Straddle Recorder Depth -- ft. Recorder Number -- Cap. --
 Drilling Contractor Slawson Drilling Rig #4 Drill Collar Length 311 I. D. 2.2 in.
 Mud Type drispac Viscosity 41 Weight Pipe Length -- I. D. -- in.
 Weight 9.2 Water Loss -- cc. Drill Pipe Length 3040 I. D. 3.8 in.
 Chlorides 22,000 P.P.M. Test Tool Length 34 ft. Tool Size 5 1/2 OD in.
 Jars: Make WTC Serial Number 408 Anchor Length 62' D. collars 102 ft. Size 5 1/2 OD 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 FH in.

Blow: Weak blow throughout test.

Recovered 60 ft. of drilling mud
 Recovered 300 ft. of mud cut water Chlorides Top: 36,000 ppm
 Recovered ft. of Middle: 64,000 ppm
 Recovered ft. of Bottom: 105,000 ppm
 Recovered ft. of

Remarks:

Time Set Packer(s) 7:43 ~~A.M.~~ P.M. Time Started Off Bottom 11:28 ~~A.M.~~ P.M. Maximum Temperature 109
 Initial Hydrostatic Pressure 1617 (A) P.S.I.
 Initial Flow Period 30 Minutes (B) 44 P.S.I. to (C) 105 P.S.I.
 Initial Closed In Period 60 Minutes (D) 1358 P.S.I.
 Final Flow Period 45 Minutes (E) 128 P.S.I. to (F) 186 P.S.I.
 Final Closed In Period 90 Minutes (G) 1321 P.S.I.
 Final Hydrostatic Pressure 1591 (H) P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Test Ticket No. 3416

Recorder No. _____		Capacity _____		Location _____ Ft.	
Block No. _____		Elevation _____		Well Temperature _____ °F.	
Point	Pressure			Time Given	Time Computed
					M
Initial Hydrostatic Mnd	P.S.I.	Open Tool			
First Initial Flow Pressure	P.S.I.	First Flow Pressure		Mins.	Mins.
First Final Flow Pressure	P.S.I.	Initial Closed-in Pressure		Mins.	Mins.
Initial Closed-in Pressure	P.S.I.	Second Flow Pressure		Mins.	Mins.
Second Initial Flow Pressure	P.S.I.	Final Closed-in Pressure		Mins.	Mins.
Second Final Flow Pressure	P.S.I.				
Final Closed-in Pressure	P.S.I.				
Final Hydrostatic Mud	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.
P1		63				63	1268
P2		66				66	1275
P3		69				69	1282
P4		72				72	1288
P5		75				75	1295
P6		78				78	1301
P7		81				81	1306
P8		84				84	1312
P9		87				87	1317
P10		90				90	1321
P11		93				93	
P12		96				96	
P13		99				99	
P14		102				102	
P15		105				105	
P16		108				108	
P17		111				111	
P18		114				114	
P19		117				117	
P20		120				120	

WESTERN TESTING CO., INC.

Pressure Data

Date 9/22/79 Test Ticket No. 3416
 Recorder No. 6246 Capacity 5200 Location 3417 Ft
 Clock No. -- Elevation 1438 Kelly Bushing Well Temperature 109 °F

Point	Pressure		Time Given	Time Computed
A. Initial Hydrostatic Mud	1617	P.S.I.	7:43A	
B. First Initial Flow Pressure	44	P.S.I.	30	30
C. First Final Flow Pressure	105	P.S.I.	60	60
D. Initial Closed-in Pressure	1358	P.S.I.	45	45
E. Second Initial Flow Pressure	128	P.S.I.	90	90
F. Second Final Flow Pressure	186	P.S.I.		
G. Final Closed-in Pressure	1321	P.S.I.		
H. Final Hydrostatic Mud	1591	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>20</u> Inc.		Breakdown: <u>9</u> Inc.		Breakdown: <u>30</u> 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 <u>0</u>	<u>44</u>	<u>0</u>	<u>105</u>	<u>0</u>	<u>128</u>	<u>0</u>	<u>186</u>
P 2 <u>5</u>	<u>58</u>	<u>3</u>	<u>636</u>	<u>5</u>	<u>134</u>	<u>3</u>	<u>505</u>
P 3 <u>10</u>	<u>71</u>	<u>6</u>	<u>882</u>	<u>10</u>	<u>144</u>	<u>6</u>	<u>783</u>
P 4 <u>15</u>	<u>81</u>	<u>9</u>	<u>995</u>	<u>15</u>	<u>154</u>	<u>9</u>	<u>903</u>
P 5 <u>20</u>	<u>94</u>	<u>12</u>	<u>1070</u>	<u>20</u>	<u>165</u>	<u>12</u>	<u>966</u>
P 6 <u>25</u>	<u>100</u>	<u>15</u>	<u>1117</u>	<u>25</u>	<u>173</u>	<u>15</u>	<u>1055</u>
P 7 <u>30</u>	<u>105</u>	<u>18</u>	<u>1155</u>	<u>30</u>	<u>180</u>	<u>18</u>	<u>1057</u>
P 8		<u>21</u>	<u>1189</u>	<u>35</u>	<u>182</u>	<u>21</u>	<u>1083</u>
P 9		<u>24</u>	<u>1215</u>	<u>40</u>	<u>184</u>	<u>24</u>	<u>1111</u>
P10		<u>27</u>	<u>1238</u>	<u>45</u>	<u>186</u>	<u>27</u>	<u>1132</u>
P11		<u>30</u>	<u>1259</u>			<u>30</u>	<u>1148</u>
P12		<u>33</u>	<u>1277</u>			<u>33</u>	<u>1158</u>
P13		<u>36</u>	<u>1288</u>			<u>36</u>	<u>1176</u>
P14		<u>39</u>	<u>1298</u>			<u>39</u>	<u>1197</u>
P15		<u>42</u>	<u>1311</u>			<u>42</u>	<u>1210</u>
P16		<u>45</u>	<u>1321</u>			<u>45</u>	<u>1220</u>
P17		<u>48</u>	<u>1329</u>			<u>48</u>	<u>1229</u>
P18		<u>51</u>	<u>1337</u>			<u>51</u>	<u>1238</u>
P19		<u>54</u>	<u>1342</u>			<u>54</u>	<u>1246</u>
P20		<u>57</u>	<u>1348</u>			<u>57</u>	<u>1254</u>
WTC - 4		<u>60</u>	<u>1358</u>			<u>60</u>	<u>1262</u>

continued next page

WESTERN TESTING CO., INC.

Pressure Data

Date 9/22/79 Test Ticket No. 3416
 Recorder No. 6246 Capacity 5200 Location 3417 Ft.
 Clock No. -- Elevation 1438 Kelly Bushing Well Temperature 109 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	1617 P.S.I.	7:43A	
B First Initial Flow Pressure	44 P.S.I.	30 Mins.	30 Mins.
C First Final Flow Pressure	105 P.S.I.	60 Mins.	60 Mins.
D Initial Closed-in Pressure	1358 P.S.I.	45 Mins.	45 Mins.
E Second Initial Flow Pressure	128 P.S.I.	90 Mins.	90 Mins.
F Second Final Flow Pressure	186 P.S.I.		
G Final Closed-in Pressure	1321 P.S.I.		
H Final Hydrostatic Mud	1591 P.S.I.		

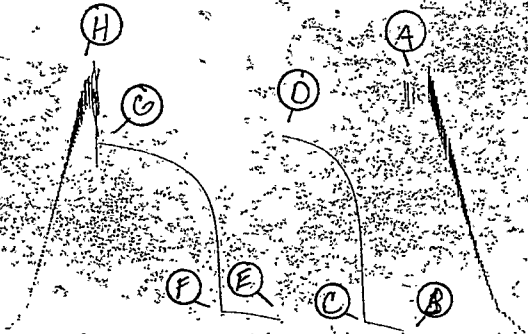
PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>20</u> Inc.		Breakdown: <u>9</u> Inc.		Breakdown: <u>30</u> 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						63	1268
P 2						66	1275
P 3						69	1282
P 4						72	1288
P 5						75	1295
P 6						78	1301
P 7						81	1306
P 8						84	1312
P 9						87	1317
P10						90	1321
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

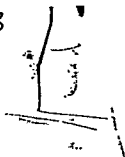
6246

TRK # 3416
I

TEXAS OIL & GAS
MEMPHIS
DISTRICT

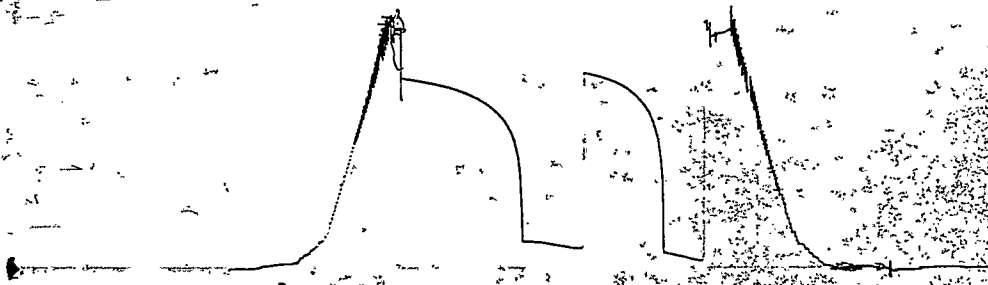


5673



Plt # 3416

TRANS ONLY & ONE
MCKAY #1
DST #1



TO: Texas Oil & Gas Corp.
200 W. Douglas
Wichita, Kansas 67202

FROM: Western Testing Co., Inc.
PO Box 1599
Wichita, Kansas 67202

DATE: September 23, 1979

SUBJECT: Copies of drill stem test mailed to interest owners

DRILL STEM TEST NUMBER: Test #2

WELL NAME AND NUMBER: McKaig #1

COUNTY: Harper County, Kansas

COPIES MAILED TO:

F. G. Holl
6427 E. Kellogg
Wichita, Kansas 67207
(Four copies)

Texas Oil & Gas Corporation
200 West Douglas, Suite 300
Wichita, Kansas 67202
(Four copies)

Texas Oil & Gas Corporation
2700 Fidelity Union Tower
Dallas, Texas 75201
(One copy)



P. O. BOX 1599 PHONE (316) 838-0601
WICHITA, KANSAS 67201

WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET NO 3417

Elevation 1438 K.P. Formation STA/NAKEA Eff. Pay Ft.

District PRATT Date 9-23-79 Customer Order No.
COMPANY NAME TEXAS OIL & GAS
ADDRESS WICHITA, KANS. 200 W. ANGLAS LITE 300
LEASE AND WELL NO. McKraig #1 COUNTY HARPER STATE KANS. Sec. 20 Twp. 32 S Rge. 8 W
Mail Invoice To McKraig #1 SAME No. Copies Requested Reg.
Co. Name Address
Mail Charts To Same No. Copies Requested Reg
Address

Formation Test No. 2 Interval Tested from 3682 ft. to 3700 ft. Total Depth 3700 ft.
Packer Depth 3671 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Packer Depth 3682 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Depth of Selective Zone Set

Top Recorder Depth (Inside) 3692 ft. Recorder Number 6246 Cap. 5200
Bottom Recorder Depth (Outside) 3695 ft. Recorder Number 5673 Cap. 5400
Below Straddle Recorder Depth ft. Recorder Number Cap.
Drilling Contractor STANSON RIG 4 Drill Collar Length 373 I. D. 2.2 in.
Mud Type DRISPRC Viscosity 42 Weight Pipe Length I. D. in.
Weight 9.2 Water Loss 13 cc. Drill Pipe Length 3275 I. D. 3.8 in.
Chlorides 17,000 P.P.M. Test Tool Length 34 ft. Tool Size 5 1/2 O.D. in.
Jars: Make W.T.C. Serial Number Anchor Length 18 ft. Size 5 1/2 O.D. in.
Did Well Flow? NO Reversed Out NO Surface Choke Size 3 1/4 in. Bottom Choke Size 3 1/4 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 F.H. in.

Blow: STRONG Blow Thru-out Test - Gas To Surface 3 min.
See Attached Flow Sheet

Recovered 90 ft. of Gas cut drlg. mud Top Chlorides 16,000
Recovered ft. of Bott. Chlorides 22,000
Recovered ft. of
Recovered ft. of
Recovered ft. of
Remarks:

Time Set Packer(s) 8:33 A.M. Time Started Off Bottom 11:18 A.M. Maximum Temperature 117
Initial Hydrostatic Pressure (A) 1733 P.S.I.
Initial Flow Period 30 Minutes (B) 248 P.S.I. to (C) 732 P.S.I.
Initial Closed In Period 60 Minutes (D) 1512 P.S.I.
Final Flow Period 15 Minutes (E) 628 P.S.I. to (F) 772 P.S.I.
Final Closed In Period 60 Minutes (G) 1512 P.S.I.
Final Hydrostatic Pressure (H) 1733 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 T W D Ahlberg
Signature of Customer or his authorized representative

Western Representative David Sloan
Thank you

FIELD INVOICE

Open Hole Test \$ 500.00
Misrun \$
Straddle Test \$
Jars \$ 275.00
Selective Zone \$
Safety Joint \$ 35.00
Standby \$
Evaluation \$
Extra Packer \$
Circ. Sub. \$
60 Mileage \$
Fluid Sampler \$
4 Extra Charts 20.00 \$ 830.00



GAS FLOW REPORT

N^o 1944

Date 9-23-79 Ticket 3417 Company Texas Oil & Gas
 Well Name and No. Mc Kaig #1 Dst No. 2 Interval Tested 3682-3700
 County HARPER State KANS. Sec. 20 Twp. 32 S Rg. 8 W

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					
10	56 lbs	1 1/2"			4,110,000 C.F.P.D.
20	74 lbs	1 1/2"			5,185,000 C.F.P.D.
30	76 lbs	1 1/2"			5,304,000 C.F.P.D.

SECOND FLOW

5 10	2"	24 lbs	3,690,000	C.F.P.D.
10 10	2"	32 lbs	4,450,000	C.F.P.D.
15 10	2"	30 lbs	4,260,000	C.F.P.D.
20 10				
25 10				

GAS BOTTLE

Serial No. 636 Date Bottle Filled 9-23-79 Date to be Invoiced 10-23-79

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% per month, equal to 12% 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 K. W. Dahlberg

WESTERN TESTING CO., INC.

Pressure Data

Date 9-23-79 Test Ticket No. 3417

Recorder No. 6246 Capacity 5200 Location 3692 Ft.

Clock No. — Elevation 1438 KIB Well Temperature 117 °F

Point	Pressure	Time Given	Time Computed
A. Initial Hydrostatic Mud	<u>1780</u> P.S.I.	<u>8:33</u> A.M.	
B. First Initial Flow Pressure	<u>238</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
C. First Final Flow Pressure	<u>733</u> P.S.I.	<u>60</u> Mins.	<u>60</u> Mins.
D. Initial Closed-in Pressure	<u>1523</u> P.S.I.	<u>15</u> Mins.	<u>15</u> Mins.
E. Second Initial Flow Pressure	<u>631</u> P.S.I.	<u>60</u> Mins.	<u>60</u> Mins.
F. Second Final Flow Pressure	<u>814</u> P.S.I.		
G. Final Closed-in Pressure	<u>1520</u> P.S.I.		
H. Final Hydrostatic Mud	<u>1749</u> P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>20</u> Inc.		Breakdown: <u>3</u> Inc.		Breakdown: <u>20</u> 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 <u>0</u>	<u>238</u>	<u>0</u>	<u>733</u>	<u>0</u>	<u>631</u>	<u>0</u>	<u>814</u>
P 2 <u>5</u>	<u>445</u>	<u>3</u>	<u>1472</u>	<u>5</u>	<u>743</u>	<u>3</u>	<u>1469</u>
P 3 <u>10</u>	<u>592</u>	<u>6</u>	<u>1495</u>	<u>10</u>	<u>778</u>	<u>6</u>	<u>1495</u>
P 4 <u>15</u>	<u>657</u>	<u>9</u>	<u>1503</u>	<u>15</u>	<u>814</u>	<u>9</u>	<u>1503</u>
P 5 <u>20</u>	<u>694</u>	<u>12</u>	<u>1508</u>	<u>20</u>		<u>12</u>	<u>1510</u>
P 6 <u>25</u>	<u>717</u>	<u>15</u>	<u>1516</u>	<u>25</u>		<u>15</u>	<u>1513</u>
P 7 <u>30</u>	<u>733</u>	<u>18</u>	<u>1518</u>	<u>30</u>		<u>18</u>	<u>1517</u>
P 8 <u>35</u>		<u>21</u>	<u>1518</u>	<u>35</u>		<u>21</u>	<u>1518</u>
P 9 <u>40</u>		<u>24</u>	<u>1521</u>	<u>40</u>		<u>24</u>	<u>1519</u>
P10 <u>45</u>		<u>27</u>	<u>1521</u>	<u>45</u>		<u>27</u>	<u>1519</u>
P11 <u>50</u>		<u>30</u>	<u>1523</u>	<u>50</u>		<u>30</u>	<u>1520</u>
P12 <u>55</u>		<u>33</u>		<u>55</u>		<u>33</u>	
P13 <u>60</u>		<u>36</u>		<u>60</u>		<u>36</u>	
P14		<u>39</u>		<u>65</u>		<u>39</u>	
P15		<u>42</u>		<u>70</u>		<u>42</u>	
P16		<u>45</u>		<u>75</u>		<u>45</u>	
P17		<u>48</u>		<u>80</u>		<u>48</u>	
P18		<u>51</u>		<u>85</u>		<u>51</u>	
P19		<u>54</u>		<u>90</u>		<u>54</u>	
P20		<u>57</u>				<u>57</u>	
		<u>60</u>	<u>1523</u>			<u>60</u>	<u>1520</u>

Company Texas Oil & Gas Corporation Lease & Well No. McKaig #1
 Elevation 1438 Kelly Bushing Formation Stalnaker Effective Pay -- Ft. Ticket No. 3417
 Date 9/23/79 Sec. 20 Twp 32S Range 8W County Harper State Kansas
 Test Approved by K. W. Dahlberg Western Representative Dave Sloan
 Formation Test No. 2 Interval Tested from 3682 ft. to 3700 ft. Total Depth 3700 ft.
 Packer Depth 3671 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 3682 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set --
 Top Recorder Depth (Inside) 3692 ft. Recorder Number 6246 Cap. 5200
 Bottom Recorder Depth (Outside) 3695 ft. Recorder Number 5673 Cap. 5400
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
 Drilling Contractor Slawson Drilling Rig #4 Drill Collar Length 373 I. D. 2.2 in.
 Mud Type drispac Viscosity 42 Weight Pipe Length - I. D. - in.
 Weight 9.2 Water Loss 13 cc. Drill Pipe Length 3275 I. D. 3.8 in.
 Chlorides 17,000 P.P.M. Test Tool Length 34 ft. Tool Size 5 1/2 OD in.
 Jars: Make WTC Serial Number 402 Anchor Length 18 ft. Size 5 1/2 OD 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 FH in.

Blow: Strong blow throughout test. Gas to surface three minutes. See attached sheet for gas measurements.

Recovered 90 ft. of gas cut drilling mud Top: Chlorides 16,000 ppm
 Recovered - ft. of - BOTTOM: Chlorides 22,000 ppm
 Recovered - ft. of -
 Recovered - ft. of -
 Recovered - ft. of -

Remarks: -

Time Set Packer(s) 8:33 A.M. Time Started Off Bottom 11:18 A.M. Maximum Temperature 117
 Initial Hydrostatic Pressure 1780 P.S.I.
 Initial Flow Period 30 Minutes (A) 238 P.S.I. to (C) 733 P.S.I.
 Initial Closed In Period 60 Minutes (D) 1523 P.S.I.
 Final Flow Period 15 Minutes (E) 631 P.S.I. to (F) 814 P.S.I.
 Final Closed In Period 60 Minutes (G) 1520 P.S.I.
 Final Hydrostatic Pressure 1749 P.S.I. (H)

Phone 316 262-5861
316 838-0601



P. O. Box 1599
WICHITA, KANSAS 67201

GAS FLOW REPORT

Date 9/23/79 Ticket 3417 Company Texas Oil & Gas Corporation
Well Name and No. McKaig #1 Dst No. 2 Interval Tested 3682'-3700'
County Harper State Kansas Sec. 20 Twp. 32S Rg. 8W

Time Gauge Pre-Flow	Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	P.S.I. on Pitor Tester	P.S.I. on Side Static Tester	P.S.I. on U-Tube Tester	Description of Flow
PRE FLOW						
	10 min.	56 lbs.	1½" orifice			4,110,000 CFPD
	20 min.	74 lbs.	1½" orifice			5,185,000 CFPD
	30 min.	76 lbs.	1½" orifice			5,304,000 CFPD

SECOND FLOW						
	5 min.	24 lbs.	2" orifice			3,690,000 CFPD
	10 min.	32 lbs.	2" orifice			4,450,000 CFPD
	15 min.	30 lbs.	2" orifice			4,260,000 CFPD

GAS BOTTLE

Serial No. 636 Date Bottle Filled 9/23/79 Date to be Invoiced 9/23/79

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COMPANY'S NAME Texas Oil & Gas Corporation

Authorized by K. W. Dahlberg

WESTERN TESTING CO., INC.

Pressure Data

Date 9/23/79 Test Ticket No. 3417
 Recorder No. 6246 Capacity 5200 Location 3692 Ft.
 Log No. 187 Elevation 1438 Kelly Bushing Well Temperature 117 °F

Point	Pressure	Open Tool	Time Given	Time Computed
Initial Hydrostatic Mud	<u>1780</u> P.S.I.		<u>8:33A</u> M	
First Initial Flow Pressure	<u>238</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
First Final Flow Pressure	<u>733</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
Initial Closed-in Pressure	<u>1523</u> P.S.I.	Second Flow Pressure	<u>15</u> Mins.	<u>15</u> Mins.
Second Initial Flow Pressure	<u>631</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
Second Final Flow Pressure	<u>814</u> P.S.I.			
Final Closed-in Pressure	<u>1520</u> P.S.I.			
Final Hydrostatic Mud	<u>1749</u> P.S.I.			

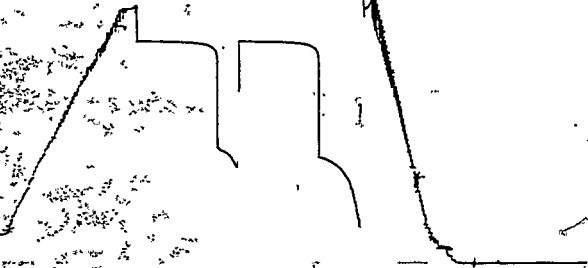
PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>20</u> Inc.		Breakdown: <u>3</u> Inc.		Breakdown: <u>20</u> Inc.	
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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.
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P11		<u>30</u>	<u>1523</u>			<u>30</u>	<u>1520</u>
P12		<u>33</u>	<u>1523</u>			<u>33</u>	<u>1520</u>
P13		<u>36</u>	<u>1523</u>			<u>36</u>	<u>1520</u>
P14		<u>39</u>	<u>1523</u>			<u>39</u>	<u>1520</u>
P15		<u>42</u>	<u>1523</u>			<u>42</u>	<u>1520</u>
P16		<u>45</u>	<u>1523</u>			<u>45</u>	<u>1520</u>
P17		<u>48</u>	<u>1523</u>			<u>48</u>	<u>1520</u>
P18		<u>51</u>	<u>1523</u>			<u>51</u>	<u>1520</u>
P19		<u>54</u>	<u>1523</u>			<u>54</u>	<u>1520</u>
P20		<u>57</u>	<u>1523</u>			<u>57</u>	<u>1520</u>
		<u>60</u>	<u>1523</u>			<u>60</u>	<u>1520</u>

673
Texas OCT & GAS
McKraig #1
DST #2

TKT # 3417

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6246

TEXAS OIL & GAS
MCKINLEY #1
PST #2 ✓

TRK # 3417
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