



Home Office: Wichita, Kansas 67201
P. O. Box 1599 (316) 838-0601

Company Texas Oil & Gas Corp. Lease & Well No. Stevens B #1
Elevation 1515 Kelly Bush. Formation Elgin Effective Pay - Ft. Ticket No. 22349
Date 3-11-77 Sec. 9 Twp. 31S Range 6W County Harper State Kansas
Test Approved by K.W. Dahlberg Western Representative Carl Schouten
Formation Test No. 1 O.K. ☒ Misrun ☐ Interval Tested From 3031' to 3064' Total Depth 3064'
Size Main Hole 7 7/8 Rat Hole ☐ Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No
Top Packer Depth 3026 Ft. Size 6 3/4 Bottom Packer Depth 3031 Ft. Size 6 3/4
Straddle ☐ Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No Packer Depth - Ft. Size -
Tool Size 5 1/2 OD Tool Joint Size 4 1/2 FH Anchor Length 33 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 3050 Ft. Clock No. 6799 Depth 3053 Ft. Clock No. 6894
Top Make Kuster Cap. 4000 No. 3351 Inside Outside Bottom Make Kuster Cap. 4150 No. 2606 Inside Outside
Below Straddle: Depth - Rec. No. - Clock No. - Inside Outside Depth - Ft. Rec. No. - Clock No. - Inside Outside
Time Set Packer 8:43P. M
Tool Open I.F.P. From 8:45P M. to 9:15P M. - Hr. 30 Min. From (B) 70 P.S.I. To (C) 347 P.S.I.
Tool Closed I.C.I.P. From 9:15P M. to 10:15P M. - Hr. 60 Min (D) 1281 P.S.I.
Tool Open F.F.P. From 10:15P M. to 11:00P M. - Hr. 45 Min. From (E) 353 P.S.I. To (F) 587 P.S.I.
Tool Closed F.C.I.P. From 11:00P M. to 12:30A M. - Hr. 90 Min. (G) 1281 P.S.I.
Initial Hydrostatic Pressure (A) 1463 P.S.I. Final Hydrostatic Pressure (H) 1452 P.S.I. Maximum Temp. -

INFORMATION

BLOW Weak blow increasing to a strong blow throughout initial flow period. Strong blow
in 7 minutes, decreasing a fair blow, then increasing to a good blow on final flow period
Did Well Flow - Yes ☒ No Recovery Total Ft. 1116' total recovery. 62' of muddy water, 1054' of salt water.

Reversed Out ☒ Yes ☐ No Mud Type Premix Viscosity 32 Weight 9.1 Water Loss 56 cc. Chlorides 12,000 PPM
EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint Yes Jars: Size 4 1/2 OD In. Make WTC Ser. No. 610
Dual Packer Yes Did Packers Hold? Yes Did Tool Plug? No Where? -
DRILLING CONTRACTOR Xplor Drllg. Length Drill Pipe? 2456 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 XH In.
Length Weight Pipe - Ft. I.D. Weight Pipe - In. Tool Joint Size - In. Length Drill Collars 189 Ft. I.D. Drill Collars 3 In.
Tool Joint Size 4 1/2 XH In. Length D.S.T. Tool 61 Ft.

Remarks:

WESTERN TESTING CO., INC.

Pressure Data

Date 3-11-77 Test Ticket No. 22349
 Recorder No. 3351 Capacity 4000 Location 3050 Ft.
 Clock No. 6799 Elevation 1515 Kelly Bushing Well Temperature - °F
 Point Pressure Time Given Time Computed
 Initial Hydrostatic Mud 1463 P.S.I. Open Tool 8:43P. M
 First Initial Flow Pressure 70 P.S.I. First Flow Pressure 30 Mins. 30 Mins.
 First Final Flow Pressure 347 P.S.I. Initial Closed-in Pressure 60 Mins. 60 Mins.
 Initial Closed-in Pressure 1281 P.S.I. Second Flow Pressure 45 Mins. 45 Mins.
 Second Initial Flow Pressure 353 P.S.I. Final Closed-in Pressure 90 Mins. 87 Mins.
 Second Final Flow Pressure 587 P.S.I.
 Final Closed-in Pressure 1281 P.S.I.
 Final Hydrostatic Mud 1452 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>29</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 ins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
1 0	70	0	347	0	353	0	587
2 5	139	3	1099	5	394	3	1152
3 10	209	6	1153	10	426	6	1177
4 15	247	9	1183	15	452	9	1194
5 20	281	12	1200	20	478	12	1204
6 25	313	15	1216	25	500	15	1214
7 30	347	18	1228	30	522	18	1220
8		21	1236	35	544	21	1228
9		24	1242	40	564	24	1232
0		27	1248	45	587	27	1238
1		30	1254			30	1242
2		33	1260			33	1246
3		36	1261			36	1250
4		39	1266			39	1252
5		42	1270			42	1255
6		45	1272			45	1258
7		48	1275			48	1262
8		51	1278			51	1264
9		54	1279			54	1266
0		57	1280			57	1268
1		60	1281			60	1270

WESTERN TESTING CO., INC.
Pressure Data

Date 3-11-77 Test Ticket No. 22349
Recorder No. 3351 Capacity 4000 Location 3050 Ft.
Clock No. 6799 Elevation 1515 Kelly Bushing Well Temperature - °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1463</u> P.S.I.	Open Tool	<u>8:43P.</u> M	
B First Initial Flow Pressure	<u>70</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>347</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
D Initial Closed-in Pressure	<u>1281</u> P.S.I.	Second Flow Pressure	<u>45</u> Mins.	<u>45</u> Mins.
E Second Initial Flow Pressure	<u>353</u> P.S.I.	Final Closed-in Pressure	<u>90</u> Mins.	<u>87</u> Mins.
F Second Final Flow Pressure	<u>587</u> P.S.I.			
G Final Closed-in Pressure	<u>1281</u> P.S.I.			
H Final Hydrostatic Mud	<u>1452</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>9</u> Inc.		Breakdown: <u>29</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>63</u>	<u>1272</u>
P 2						<u>66</u>	<u>1273</u>
P 3						<u>69</u>	<u>1274</u>
P 4						<u>72</u>	<u>1275</u>
P 5						<u>75</u>	<u>1276</u>
P 6						<u>78</u>	<u>1277</u>
P 7						<u>81</u>	<u>1278</u>
P 8						<u>84</u>	<u>1280</u>
P 9						<u>87</u>	<u>1281</u>
P10							
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

CITIES SERVICE OIL COMPANY
DRILLING TIME LOGCOMPANY _____ NO. #1 FARM EllisLOCATION _____ COUNTY Comanche STATE KansasWEIGHT ON DRILL PIPE 40 MUD WEIGHT _____ R.P.M. 52 MUD _____ VISCOSITY _____

DEPTH		DRILLING TIME		Actual Time	REMARKS
From	To	Began	Ended		
6165	6166	11:59	12:04	5	
	67		09	5	
	68		14	5	
	69		20	6	vis 67
	70		24	4	wt 10+
	71		31	7	
	72		40	9	
	73		48	8	
	74		54	6	
6175			58	4	
		total Depth			
					TOTAL DEPTH 6175
					Stop at 6175 + circulate
					2 hours + catch 1 hour
					1 1/2, + 2 hour samples - wet
					+ 2 hours - dry, come
					out of hole + Tubit on
					Schlemberger.

Actual time is spent in drilling. Shut down time, round trips, changing bits, repairs, etc., also condition and type of bit, should be noted under "REMARKS."

TKT # 22349

I

H

G

D

A

F

E

C

B

TK4 #22349





Home Office: Wichita, Kansas 67201
P. O. Box 1599 (316) 838-0601

Company Texas Oil & Gas Corp. Lease & Well No. Stevens B-#1
Elevation 1515 Kelly Bushing Formation Mississippi Effective Pay - Ft. Ticket No. 21796
Date 3-15-77 Sec. 9 Twp. 31S Range 6W County Harper State Kansas
Test Approved by K.W. Dahlberg Western Representative Forrest Purnell
Formation Test No. 2 O.K. X Misrun - Interval Tested From 4325' to 4340' Total Depth 4340'
Size Main Hole 77/8 Rat Hole - Conv. - B.T. X Damaged - Yes X No Conv. - B.T. X Damaged - Yes X No
Top Packer Depth 4320 Ft. Size 6 3/4 Bottom Packer Depth 4325 Ft. Size 6 3/4
Straddle - Conv. - B.T. - Damaged - Yes - No Packer Depth - Ft. Size -
Tool Size 4 1/2 OD Tool Joint Size 3 1/2 IF Anchor Length 15 Ft. Size 4 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 4333 Ft. Clock No. 8476 Depth 4336 Ft. Clock No. 6800
Top Make Kuster Cap. 4200 No. 1558 Inside Outside Bottom Make Kuster Cap. 3150 No. 1564 Inside Outside
Below Straddle: Depth - Rec. No. - Clock No. - Inside Outside Depth - Ft. Rec. No. - Clock No. - Inside Outside
Time Set Packer 12:57 P.M.
Tool Open I.F.P. From 1:00 P.M. to 1:30 P.M. - Hr. 30 Min. From (B) 55 P.S.I. To (C) 55 P.S.I.
Tool Closed I.C.I.P. From 1:30 P.M. to 2:30 P.M. 1 Hr. - Min (D) 1435 P.S.I.
Tool Open F.F.P. From 2:30 P.M. to 3:15 P.M. - Hr. 45 Min. From (E) 43 P.S.I. To (F) 57 P.S.I.
Tool Closed F.C.I.P. From 3:15 P.M. to 4:45 P.M. 1 Hr. 30 Min. (G) 1446 P.S.I.
Initial Hydrostatic Pressure (A) 2122 P.S.I. Final Hydrostatic Pressure (H) 2099 P.S.I. Maximum Temp. 134

INFORMATION

BLOW Strong blow throughout test. Gas to surface in 25 minutes on final flow period.
See attached sheet for gas measurements.

Did Well Flow Gas Yes - No Recovery Total Ft. 90' gas cut mud.

Reversed Out X Yes - No Mud Type premix drispac Viscosity 43 Weight 9.2 Water Loss 10.0 cc. Chlorides 15,000 P.P.M.
EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint Western Jars: Size 3 1/2 IF In. Make WTC Ser. No. 407
Dual Packer Yes Did Packers Hold? Yes Did Tool Plug? No Where? -
DRILLING CONTRACTOR XPLOR Drlg. Co. Length Drill Pipe? 3924 Ft. I.D. Drill Pipe 2.7 In. Tool Joint Size 4 FH In.
Length Weight Pipe - Ft. I.D. Weight Pipe - In. Tool Joint Size - In. Length Drill Collars 384 Ft. I.D. Drill Collars 2 1/4 In.
Tool Joint Size 4 1/2 XH In. Length D.S.T. Tool 45 Ft.

Remarks:

WESTERN TESTING CO., INC.

Pressure Data

Date 3-15-77 Test Ticket No. 21796
 Recorder No. 1558 Capacity 4200 Location 4333 Ft.
 Clock No. 8476 Elevation 1515 Kelly Bushing Well Temperature 134 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2122</u> P.S.I.	Open Tool	<u>12:57 P M</u>	
B First Initial Flow Pressure	<u>55</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>55</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
D Initial Closed-in Pressure	<u>1435</u> P.S.I.	Second Flow Pressure	<u>45</u> Mins.	<u>45</u> Mins.
E Second Initial Flow Pressure	<u>43</u> P.S.I.	Final Closed-in Pressure	<u>90</u> Mins.	<u>90</u> Mins.
F Second Final Flow Pressure	<u>57</u> P.S.I.			
G Final Closed-in Pressure	<u>1446</u> P.S.I.			
H Final Hydrostatic Mud	<u>2099</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>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>55</u>	<u>0</u>	<u>55</u>	<u>0</u>	<u>43</u>	<u>0</u>	<u>57</u>
P 2 <u>5</u>	<u>46</u>	<u>3</u>	<u>272</u>	<u>5</u>	<u>51</u>	<u>3</u>	<u>274</u>
P 3 <u>10</u>	<u>49</u>	<u>6</u>	<u>447</u>	<u>10</u>	<u>55</u>	<u>6</u>	<u>468</u>
P 4 <u>15</u>	<u>51</u>	<u>9</u>	<u>594</u>	<u>15</u>	<u>56</u>	<u>9</u>	<u>644</u>
P 5 <u>20</u>	<u>53</u>	<u>12</u>	<u>729</u>	<u>20</u>	<u>56</u>	<u>12</u>	<u>797</u>
P 6 <u>25</u>	<u>54</u>	<u>15</u>	<u>843</u>	<u>25</u>	<u>56</u>	<u>15</u>	<u>921</u>
P 7 <u>30</u>	<u>55</u>	<u>18</u>	<u>936</u>	<u>30</u>	<u>56</u>	<u>18</u>	<u>1013</u>
P 8		<u>21</u>	<u>1020</u>	<u>35</u>	<u>56</u>	<u>21</u>	<u>1096</u>
P 9		<u>24</u>	<u>1092</u>	<u>40</u>	<u>57</u>	<u>24</u>	<u>1155</u>
P10		<u>27</u>	<u>1159</u>	<u>45</u>	<u>57</u>	<u>27</u>	<u>1201</u>
P11		<u>30</u>	<u>1211</u>			<u>30</u>	<u>1240</u>
P12		<u>33</u>	<u>1253</u>			<u>33</u>	<u>1274</u>
P13		<u>36</u>	<u>1288</u>			<u>36</u>	<u>1297</u>
P14		<u>39</u>	<u>1318</u>			<u>39</u>	<u>1319</u>
P15		<u>42</u>	<u>1345</u>			<u>42</u>	<u>1336</u>
P16		<u>45</u>	<u>1367</u>			<u>45</u>	<u>1350</u>
P17		<u>48</u>	<u>1386</u>			<u>48</u>	<u>1364</u>
P18		<u>51</u>	<u>1400</u>			<u>51</u>	<u>1375</u>
P19		<u>54</u>	<u>1415</u>			<u>54</u>	<u>1382</u>
P20		<u>57</u>	<u>1427</u>			<u>57</u>	<u>1392</u>
		<u>60</u>	<u>1435</u>			<u>60</u>	<u>1399</u>

WESTERN TESTING CO., INC.

Pressure Data

Date 3-15-77 Test Ticket No. 21796
 Recorder No. 1558 Capacity 4200 Location 4333 Ft.
 Clock No. 8476 Elevation 1515 Kelly Bushing Well Temperature 134 °F

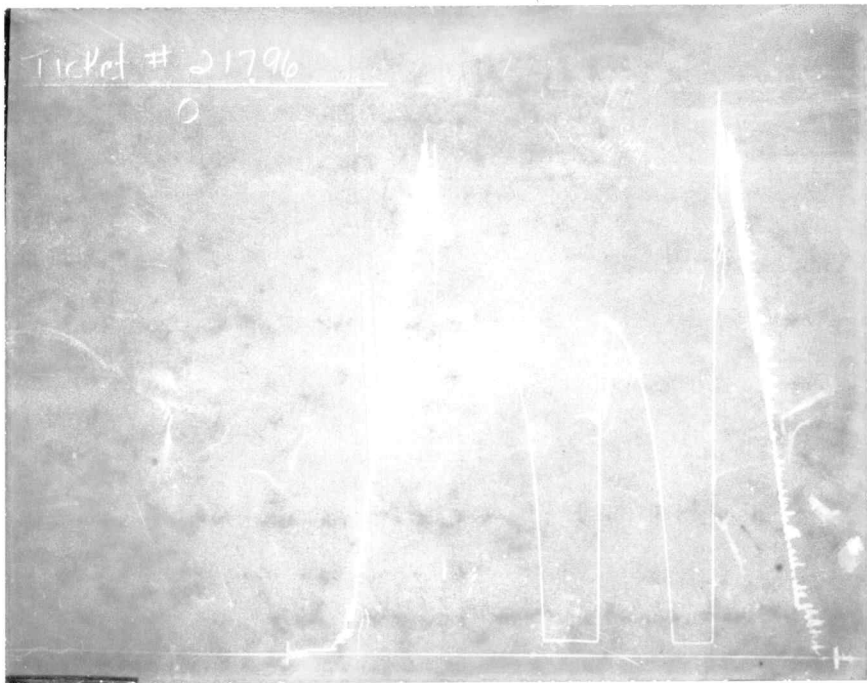
Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	2122 P.S.I.	12:57 P.M.	
B First Initial Flow Pressure	55 P.S.I.	30 Mins.	30 Mins.
C First Final Flow Pressure	55 P.S.I.	60 Mins.	60 Mins.
D Initial Closed-in Pressure	1435 P.S.I.	45 Mins.	45 Mins.
E Second Initial Flow Pressure	43 P.S.I.	90 Mins.	90 Mins.
F Second Final Flow Pressure	57 P.S.I.		
G Final Closed-in Pressure	1446 P.S.I.		
H Final Hydrostatic Mud	2099 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	1408
P 2						66	1414
P 3						69	1420
P 4						72	1425
P 5						75	1430
P 6						78	1435
P 7						81	1437
P 8						84	1441
P 9						87	1444
P10						90	1446
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

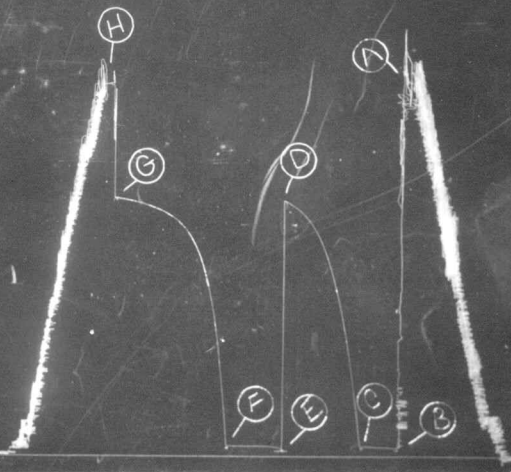
Ticket # 21796

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Ticket # 21796

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Home Office: Wichita, Kansas 67201
P. O. Box 1599 (316) 838-0601

GAS FLOW REPORT

Date 3-15-77 Ticket 21796 Company Texas Oil & Gas Corp.
Well Name and No. Stevens B-#1 Dst No. 2 Interval Tested 4325' - 4340'
County Harper State Kansas Sec. 9 Twp. 31S Rg. 6W

Time Gauge Pre-Flow	Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	P.S.I. on U-Tube Tester	Description of Flow
PRE FLOW						

Gas to surface in 25 minutes.

SECOND FLOW

3:05 PM	10 min.	10 inches of water	1/4" choke			5,320 C.F.P.D.
3:15 PM	10 min.	10 inches of water	1/4" choke			5,320 C.F.P.D.
All measurements were taken with a 2" merla orifice well tester thru a 1/4" choke at 10 min. intervals. Gas stabilized at 5,320 C.F.P.D.						

GAS BOTTLE

Serial No. _____ Date Bottle Filled 3-15-77 Date to be Invoiced 3-15-77

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 Texas Oil & Gas Corp.

Authorized by K.W. Dahlberg



Home Office: Wichita, Kansas 67201
P. O. Box 1599 (316) 838-0601

Company Texas Oil & Gas Corp. Lease & Well No. Stevens B-#1
Elevation 1513 Kelly Bushing Formation Simpson Effective Pay - Ft. Ticket No. 25652
Date 3-17-77 Sec. 9 Twp. 31S Range 6W County Harper State Kansas
Test Approved by Gary Wardeman Western Representative Lonnie J. Cline
Formation Test No. 3 O.K. ☒ Misrun ☐ Interval Tested From 4700' to 4742' Total Depth 4742'
Size Main Hole 77/8 Rat Hole ☐ Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No Conv. ☒ B.T. ☐ Damaged ☒ Yes ☐ No
Top Packer Depth 4695 Ft. Size 6 3/4 Bottom Packer Depth 4700 Ft. Size 6 3/4
Straddle ☐ Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No Packer Depth ☐ Ft. Size ☐
Tool Size 5 1/2 OD Tool Joint Size 4 1/2 FH Anchor Length 42 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 4717 Ft. Clock No. 4763 Depth 4720 Ft. Clock No. 6866
Top Make Kuster Cap. 4150 No. 2604 Inside Outside Bottom Make Kuster Cap. 4000 No. 3660 Inside Outside
Below Straddle: Depth ☐ Rec. No. ☐ Clock No. ☐ Inside Outside Depth ☐ Ft. Rec. No. ☐ Clock No. ☐ Inside Outside
Time Set Packer 11:33 A M
Tool Open I.F.P. From 11:35 A M to 12:05 P M - Hr. 30 Min. From (B) 55 P.S.I. To (C) 55 P.S.I.
Tool Closed I.C.I.P. From 12:05 P M to 1:05 P M 1 Hr. - Min (D) 1487 P.S.I.
Tool Open F.F.P. From 1:05 P M to 1:50 P M - Hr. 45 Min. From (E) 126 P.S.I. To (F) 155 P.S.I.
Tool Closed F.C.I.P. From 1:50 P M to 3:20 P M 1 Hr. 30 Min. (G) 1477 P.S.I.
Initial Hydrostatic Pressure (A) 2349 P.S.I. Final Hydrostatic Pressure (H) 2310 P.S.I. Maximum Temp. 147

INFORMATION

BLOW Poor blow throughout test.

Did Well Flow - Yes ☒ No ☐ Recovery Total Ft. 68' watery mud.

Reversed Out - Yes ☒ No ☐ Mud Type drispaq Viscosity 43 Weight 9.2 Water Loss 10.8 cc. Chlorides 21,000 P.P.M.
EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint Yes Jars: Size 3 1/2 IF In. Make WTC Ser. No. 403
Dual Packer Yes Did Packers Hold? Yes Did Tool Plug? No Where? -
DRILLING CONTRACTOR XPLOR Drllg. Co. Length Drill Pipe? 4294 Ft. I.D. Drill Pipe 3 In. Tool Joint Size 4 FH In.
Length Weight Pipe - Ft. I.D. Weight Pipe - In. Tool Joint Size - In. Length Drill Collars 375 Ft. I.D. Drill Collars 2 1/2 In.
Tool Joint Size 4 1/2 XH In. Length D.S.T. Tool 73 Ft.

Remarks:

Slid tool 5' to bottom. Read outside recorder #3660. Chlorides 14,000 P.P.M.

WESTERN TESTING CO., INC.

Pressure Data

Date 3-17-77

Test Ticket No. 25652

Recorder No. 3660

Capacity 4000

Location 4720

Clock No. 6866

Elevation 1513 Kelly Bushing

Well Temperature 147

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2349 P.S.I.	Open Tool	11:33 A M	
B First Initial Flow Pressure	55 P.S.I.	First Flow Pressure	30 Mins.	30
C First Final Flow Pressure	55 P.S.I.	Initial Closed-in Pressure	60 Mins.	57
D Initial Closed-in Pressure	1487 P.S.I.	Second Flow Pressure	45 Mins.	55
E Second Initial Flow Pressure	126 P.S.I.	Final Closed-in Pressure	90 Mins.	90
F Second Final Flow Pressure	155 P.S.I.			
G Final Closed-in Pressure	1477 P.S.I.			
H Final Hydrostatic Mud	2310 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 6 Inc.
of 5 mins. and a
final inc. of 0 Min.

Initial Shut-In
Breakdown: 19 Inc.
of 3 mins. and a
final inc. of 0 Min.

Second Flow Pressure
Breakdown: 11 Inc.
of 5 mins. and a
final inc. of 0 Min.

Final Shut-In
Breakdown: 30 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>55</u>	<u>0</u>	<u>55</u>	<u>0</u>	<u>126</u>	<u>0</u>	<u>127</u>
P 2 <u>5</u>	<u>55</u>	<u>3</u>	<u>198</u>	<u>5</u>	<u>124</u>	<u>3</u>	<u>152</u>
P 3 <u>10</u>	<u>55</u>	<u>6</u>	<u>700</u>	<u>10</u>	<u>124</u>	<u>6</u>	<u>330</u>
P 4 <u>15</u>	<u>55</u>	<u>9</u>	<u>944</u>	<u>15</u>	<u>125</u>	<u>9</u>	<u>599</u>
P 5 <u>20</u>	<u>55</u>	<u>12</u>	<u>1114</u>	<u>20</u>	<u>125</u>	<u>12</u>	<u>817</u>
P 6 <u>25</u>	<u>55</u>	<u>15</u>	<u>1211</u>	<u>25</u>	<u>126</u>	<u>15</u>	<u>960</u>
P 7 <u>30</u>	<u>55</u>	<u>18</u>	<u>1279</u>	<u>30</u>	<u>126</u>	<u>18</u>	<u>1076</u>
P 8		<u>21</u>	<u>1339</u>	<u>35</u>	<u>127</u>	<u>21</u>	<u>1149</u>
P 9		<u>24</u>	<u>1371</u>	<u>40</u>	<u>127</u>	<u>24</u>	<u>1206</u>
P10		<u>27</u>	<u>1392</u>	<u>45</u>	<u>127</u>	<u>27</u>	<u>1251</u>
P11		<u>30</u>	<u>1410</u>	<u>50</u>	<u>127</u>	<u>30</u>	<u>1297</u>
P12		<u>33</u>	<u>1422</u>	<u>55</u>	<u>127</u>	<u>33</u>	<u>1353</u>
P13		<u>36</u>	<u>1434</u>			<u>36</u>	<u>1359</u>
P14		<u>39</u>	<u>1447</u>			<u>39</u>	<u>1408</u>
P15		<u>42</u>	<u>1457</u>			<u>42</u>	<u>1412</u>
P16		<u>45</u>	<u>1460</u>			<u>45</u>	<u>1415</u>
P17		<u>48</u>	<u>1478</u>			<u>48</u>	<u>1421</u>
P18		<u>51</u>	<u>1480</u>			<u>51</u>	<u>1424</u>
P19		<u>54</u>	<u>1485</u>			<u>54</u>	<u>1434</u>
P20		<u>57</u>	<u>1487</u>			<u>57</u>	<u>1438</u>
						<u>60</u>	<u>1439</u>

WESTERN TESTING CO., INC.

Pressure Data

Date 3-17-77

Test Ticket No. 25652

Recorder No. 3660

Capacity 4000

Location 4720

Clock No. 6866

Elevation 1513 Kelly Bushing

Well Temperature 147

Point	Pressure	
A Initial Hydrostatic Mud	2349	P.S.I.
B First Initial Flow Pressure	55	P.S.I.
C First Final Flow Pressure	55	P.S.I.
D Initial Closed-in Pressure	1487	P.S.I.
E Second Initial Flow Pressure	126	P.S.I.
F Second Final Flow Pressure	155	P.S.I.
G Final Closed-in Pressure	1477	P.S.I.
H Final Hydrostatic Mud	2310	P.S.I.

	Time Given	Time Computed
Open Tool	11:33 A M	
First Flow Pressure	30 Mins.	30
Initial Closed-in Pressure	60 Mins.	57
Second Flow Pressure	45 Mins.	55
Final Closed-in Pressure	90 Mins.	90

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 6 Inc.
of 5 mins. and a
final inc. of 0 Min.

Initial Shut-In
Breakdown: 19 Inc.
of 3 mins. and a
final inc. of 0 Min.

Second Flow Pressure
Breakdown: 11 Inc.
of 5 mins. and a
final inc. of 0 Min.

Final Shut-In
Breakdown: 30 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1						63	1455
P 2						66	1458
P 3						69	1459
P 4						72	1460
P 5						75	1464
P 6						78	1466
P 7						81	1474
P 8						84	1476
P 9						87	1476
P10						90	1477
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

TK1#25652

H

O

A

G

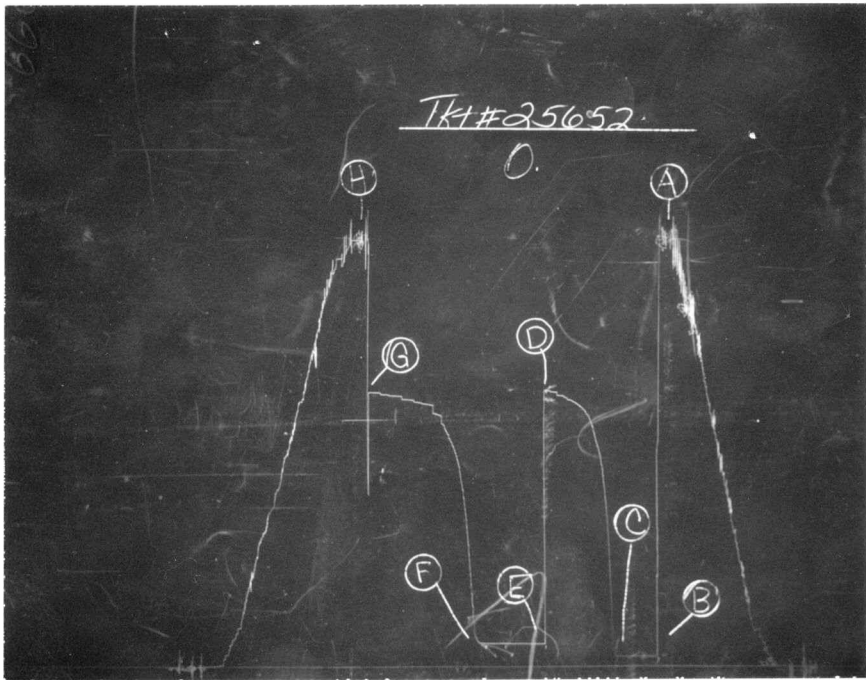
D

C

F

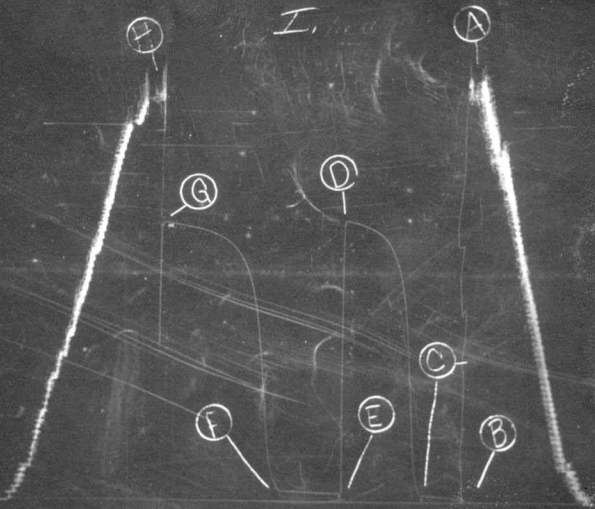
E

B



Tk+ #25652

I.





Home Office: Wichita, Kansas 67201
P. O. Box 1599 (316) 838-0601

Company Texas Oil & Gas Corp. Lease & Well No. Stevens B-#1
Elevation 1513 Kelly Bushing Formation Mississippi Effective Pay - Ft. Ticket No. 25653
Date 3-17-77 Sec. 9 Twp. 31S Range 6W County Harper State Kansas
Test Approved by Gary Wardeman Western Representative Lonnie J. Cline
Formation Test No. 4 O.K. - Misrun X Interval Tested From 4346' to 4367' Total Depth 4742'
Size Main Hole 77/8 Rat Hole - Conv. X B.T. - Damaged - Yes X No Conv. - B.T. - Damaged - Yes - No
Top Packer Depth 4346 Ft. Size 6 3/4 Bottom Packer Depth - Ft. Size -
Straddle Yes Conv. X B.T. - Damaged X Yes - No Packer Depth 4367 Ft. Size 6 3/4
Tool Size 5 1/2 OD Tool Joint Size 4 1/2 FH Anchor Length 21 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 4355 Ft. Clock No. 4763 Depth 4358 Ft. Clock No. 6866
Top Make Kuster Cap. 4150 No. 969 Inside Outside Bottom Make Kuster Cap. 4000 No. 3660 Inside Outside
Below Straddle: Depth 4378 Rec. No. 2604 Clock No. 10168 Inside Outside Depth - Ft. Rec. No. - Clock No. - Inside Outside
Time Set Packer - M
Tool Open I.F.P. From - M. to - M. - Hr. - Min. From (B) - P.S.I. To (C) - P.S.I.
Tool Closed I.C.I.P. From - M. to - M. - Hr. - Min (D) - P.S.I.
Tool Open F.F.P. From - M. to - M. - Hr. - Min. From (E) - P.S.I. To (F) - P.S.I.
Tool Closed F.C.I.P. From - M. to - M. - Hr. - Min. (G) - P.S.I.
Initial Hydrostatic Pressure (A) - P.S.I. Final Hydrostatic Pressure (H) - P.S.I. Maximum Temp. -

INFORMATION

BLOW Misrun
Did Well Flow - Yes - No Recovery Total Ft. 2521' drilling mud.
Reversed Out - Yes - No Mud Typed drispac Viscosity 43 Weight 9.2 Water Loss 10.8 cc. Chlorides 21,000 P.P.M.
EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint Yes Jars: Size 3 1/2 IF In. Make WTC Ser. No. 403
Dual Packer Yes Did Packers Hold? - Did Tool Plug? - Where? -
DRILLING CONTRACTOR XPLOR Drlg. Co. Length Drill Pipe? 3929 Ft. I.D. Drill Pipe 3 In. Tool Joint Size 4 FH In.
Length Weight Pipe - Ft. I.D. Weight Pipe - In. Tool Joint Size - In. Length Drill Collars 375 Ft. I.D. Drill Collars 2 1/4 In.
Tool Joint Size 4 1/2 XH In. Length D.S.T. Tool 63 Ft.
Remarks: Tool opened going into hole at 3460'. Packer broke up in hole, left about 6 " in hole.

WESTERN TESTING CO., INC.

Pressure Data

Date 4-9-60 Test Ticket No. 5718
 Recorder No. 11018 Capacity 4425 Location 2546 Ft.
 Clock No. _____ Elevation _____ Well Temperature _____ °F
 Point _____ Pressure _____ Time Given _____ Time Computed _____
 A Initial Hydrostatic Mud 1231 P.S.I. Open Tool 3:30 P M
 B First Initial Flow Pressure 51 P.S.I. First Flow Pressure 30 Mins. 30 Mins.
 C First Final Flow Pressure 61 P.S.I. Initial Closed-in Pressure 60 Mins. 63 Mins.
 D Initial Closed-in Pressure 967 P.S.I. Second Flow Pressure 60 Mins. 60 Mins.
 E Second Initial Flow Pressure 82 P.S.I. Final Closed-in Pressure 60 Mins. 69 Mins.
 F Second Final Flow Pressure 89 P.S.I.
 G Final Closed-in Pressure 883 P.S.I.
 H Final Hydrostatic Mud 1225 P.S.I.

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>21</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>23</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 Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
1 0	<u>51</u>	0	<u>61</u>	0	<u>82</u>	0	<u>89</u>
2 5	<u>53</u>	3	<u>367</u>	5	<u>76</u>	3	<u>204</u>
3 10	<u>55</u>	6	<u>589</u>	10	<u>76</u>	6	<u>436</u>
4 15	<u>57</u>	9	<u>686</u>	15	<u>76</u>	9	<u>560</u>
5 20	<u>59</u>	12	<u>743</u>	20	<u>76</u>	12	<u>631</u>
6 25	<u>5960</u>	15	<u>781</u>	25	<u>76</u>	15	<u>675</u>
7 30	<u>6061</u>	18	<u>812</u>	30	<u>79</u>	18	<u>696</u>
8 35		21	<u>839</u>	35	<u>81</u>	21	<u>717</u>
9 40		24	<u>856</u>	40	<u>83</u>	24	<u>736</u>
0 45		27	<u>869</u>	45	<u>84</u>	27	<u>757</u>
1 50		30	<u>885</u>	50	<u>86</u>	30	<u>777</u>
2 55		33	<u>896</u>	55	<u>87</u>	33	<u>789</u>
3 60		36	<u>905</u>	60	<u>89</u>	36	<u>800</u>
		39	<u>915</u>	65		39	<u>811</u>
		42	<u>924</u>	70		42	<u>823</u>
		45	<u>934</u>	75		45	<u>834</u>
		48	<u>940</u>	80		48	<u>841</u>
		51	<u>946</u>	85		51	<u>848</u>
		54	<u>952</u>	90		54	<u>855</u>
		57	<u>957</u>			57	<u>861</u>
		60	<u>961</u>			60	<u>867</u>
		<u>63</u>	<u>967</u>				

WESTERN TESTING CO., INC.

Pressure Data

Date _____

Recorder No. _____ Capacity _____ Location _____ Ft. _____

Clock No. _____ Elevation _____ Well Temperature _____ °F _____

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

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: _____ Inc.
of 5 mins. and a
final inc. of 0 Min.

Initial Shut-In
Breakdown: _____ Inc.
of 3 mins. and a
final inc. of 0 Min.

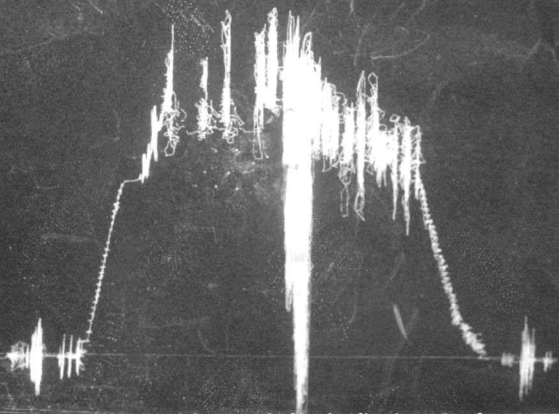
Second Flow Pressure
Breakdown: _____ Inc.
of 5 mins. and a
final inc. of 0 Min.

Final Shut-In
Breakdown: _____ Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1		63				63	874
P 2		66				66	878
P 3		69				69	883
P 4		72				72	
P 5		75				75	
P 6		78				78	
P 7		81				81	
P 8		84				84	
P 9		87				87	
P10		90				90	
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	

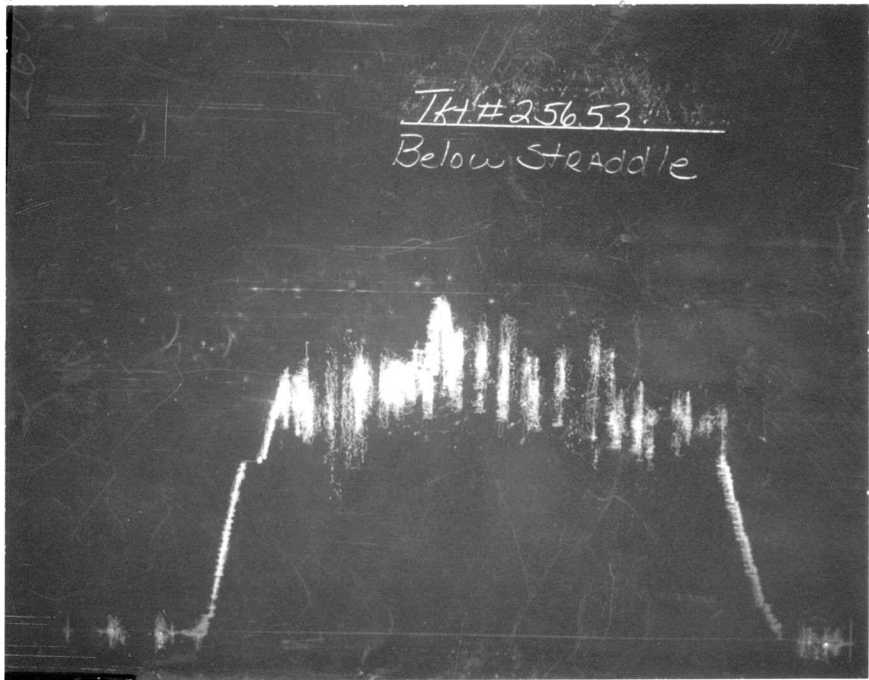
Tkt# 25653

I.



TK#256.53

Below Straddle



Tkt# 25653

0



WESTERN TESTING CO., INC. FORMATION TESTING

TICKET 25654

P. O. BOX 793 PHONE 793-7903

GREAT BEND, KANSAS

Formation Miss Elevation 1513 KB Eff. Pay _____ Ft.

District Pratt

Date 2-18-77 Customer Order No. _____

COMPANY NAME Texas Oil & Gas

ADDRESS Same as DST #1 & #2

LEASE AND WELL NO. Sterens "B" #1 COUNTY Harper STATE Kansas Sec. 9 Twp. 31S Rge. 6W

Mail Inv. To Same as DST #1 & #2 No. Copies Requested _____

Co. Name _____ Address _____

Mail Charts To _____ No. Copies Requested _____

Address _____

Formation Test No. #5 O.K. ☒ Misrun ☐ Interval Tested From 4346 to 4367 Total Depth 4742

Size Main Hole 7 3/8 Rat Hole — Conv. ☒ B.T. ☐ Damaged ☒ Yes ☐ No Conv. — B.T. — Damaged — Yes — No

Top Packer Depth 4346 Ft. Size 6 3/4 Bottom Packer Depth — Ft. Size —

Straddle yes Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No Packer Depth 4367 Ft. Size 6 3/4

Tool Size 5 1/2 OD Tool Joint Size 4 1/2 FH Anchor Length 21 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 4355 Ft. Clock No. 4263 Depth 4358 Ft. Clock No. 6866

Top Make Kuster Cap. 4150 No. 969 Inside — Bottom Make Kuster Cap. 4000 No. 3660 Inside —

Below Straddle: Depth _____ Rec. No. 2604 Clock No. 10168 Inside — Depth _____ Ft. Rec. No. _____ Clock No. _____ Outside —

Time Set Packer 7:05 A M

Tool Open I.F.P. From 7:10 A M. to 7:40 A M. Hr. 30 Min. From (B) 81 P.S.I. To (C) 112 P.S.I.

Tool Closed I.C.I.P. From 7:40 A M. to 8:40 A M. Hr. 1 Min. (D) 1529 P.S.I.

Tool Open F.F.P. From 8:40 A M. to 9:25 A M. Hr. 45 Min. From (E) 327 P.S.I. To (F) 327 P.S.I.

Tool Closed F.C.I.P. From 9:25 A M. to 10:55 A M. Hr. 1 Hr. 30 Min. (G) 1529 P.S.I.

Initial Hydrostatic Pressure (A) 2,147 P.S.I. Final Hydrostatic Pressure (H) 2,158 P.S.I. Maximum Temp. 132

INFORMATION

BLOW Strong blow throughout test

Did Well Flow Yes ☒ No ☐ Recovery Total Ft. 670 ft. 50 ft drill mud 620 ft.

Yes. oil & gas out mud.

Reversed Out Yes ☒ No ☐ Mud Type Drifac Viscosity 43 Weight 9.2 Water Loss 10.8 cc. Chlorides 12,000

EXTRA EQUIPMENT: Type Circ. Sub. pin Safety Joint yes Jars: Size 7 1/2 IF In. Make WTC Ser. No. 403

Dual Packers yes Did Packers Hold? yes Did Tool Plug? no Where? —

DRILLING CONTRACTOR XPLOR Drill Co. Length Drill Pipe 3929 ft. I.D. Drill Pipe 3 In. Tool Joint Size 4 FH In.

Length Weight Pipe — ft. I.D. Weight Pipe — In. Tool Joint Size — In. Length Drill Collars 375 ft. I.D. Drill Collars 2 1/4 In.

Tool Joint Size 4 1/2 FH In. Length D.S.T. Tool 61 ft.

Remarks _____

INVOICE SECTION

Open Hole Test \$ 45.00

Straddle Test \$ 175.00

Jars \$ 175.00

Selective Zone \$ 180.00

Safety Joint \$ 30.00

Misrun \$ _____

Evaluation \$ _____

Packer \$ _____

Circ. Sub. \$ _____

Total \$ 975.00

COMPANY TERMS

Western Testing Co., 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 at cost by the party for whom the test is made.

All charges subject to 10% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By [Signature]
Signature of Customer or his
Authorized Representative

Western Representative [Signature]

Operator's Time [Signature]

Hrs. _____



WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET

25654

P. O. BOX 793

PHONE 793-7903

GREAT BEND, KANSAS

Formation Miss. Elevation 1513 KB Eff. Pay _____ Ft.District PrattDate 2-18-77

Customer Order No. _____

COMPANY NAME Texas Oil & GasADDRESS Same as DST # 10 #2LEASE AND WELL NO. Stevens "B" #1 COUNTY Harper STATE Kansas Sec. 9 Twp. 31S Rge. 6WMail Inv. To Same as DST # 10 #2

No. Copies Requested _____

Co. Name _____

Address _____

Mail Charts To _____

No. Copies Requested _____

Address _____

Formation Test No. 15 O.K. ☒ Misrun ☐ Interval Tested From 4346 to 4367 Total Depth 4742
Size Main Hole 7 3/8 Rat Hole - Conv. ☒ B.T. ☐ Damaged ☒ Yes ☐ No Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No
Top Packer Depth 4346 Ft. Size 6 3/4 Bottom Packer Depth - Ft. Size -
Straddle yes Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No Packer Depth 4367 Ft. Size 6 3/4
Tool Size 5 1/2 Tool Joint Size 4 1/2 FH Anchor Length 21 Ft. Size 5 1/2 Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 4355 Ft. Clock No. 4263 Inside Outside
Top Make Kuster Cap. 4150 No. 969 Bottom Make Kuster Cap. 4000 No. 3660 Inside Outside
Below Straddle: Depth _____ Rec. No. 2604 Clock No. 10168 Inside Outside

Time Set Packer 7:05 A.M.
Tool Open I.F.P. From 7:10 A.M. to 7:40 A.M. Hr. 30 Min. From (B) 81 P.S.I. To (C) 112 P.S.I.
Tool Closed I.C.I.P. From 7:40 A.M. to 8:40 A.M. Hr. 1 Min. (D) 1529 P.S.I.
Tool Open F.F.P. From 8:40 A.M. to 9:25 A.M. Hr. 45 Min. From (E) 327 P.S.I. To (F) 327 P.S.I.
Tool Closed F.C.I.P. From 9:25 A.M. to 10:00 A.M. Hr. 1 Hr. 30 Min. (G) 1529 P.S.I.
Initial Hydrostatic Pressure (A) 2,147 P.S.I. Final Hydrostatic Pressure (H) 2,158 P.S.I. Maximum Temp. 132

INFORMATION

BLOW Strong blow throughout test

Did Well Flow Yes No ☐ Recovery Total Ft. 670 ft. 50 ft drill. mud 620 ft.
Yes. oil & gas cut mud.

Reversed Out Yes No ☒ Mud Type Driscopac Viscosity 43 Weight 9.2 Water Loss 10.8 cc. Chlorides 12,000
EXTRA EQUIPMENT: Type Circ. Sub. pin Safety Joint yes Jars: Size 3 1/2 IF In. Make WTC Ser. No. 403
Dual Packers yes Did Packers Hold? yes Did Tool Plug? no Where? -
DRILLING CONTRACTOR XPLOR Drill Co. Length Drill Pipe 2929 ft. I.D. Drill Pipe 3 In. Tool Joint Size 4 FH In.
Length Weight Pipe - ft. I.D. Weight Pipe - In. Tool Joint Size - In. Length Drill Collars 375 ft. I.D. Drill Collars 2 1/4 In.
Tool Joint Size 4 1/2 FH In. Length D.S.T. Tool 61 ft.

Remarks _____

INVOICE SECTION

Open Hole Test	\$ <u>415.00</u>
Straddle Test	\$ <u>175.00</u>
Jars	\$ <u>175.00</u>
Selective Zone	\$ <u>180.00</u>
Safety Joint	\$ <u>30.00</u>
Misrun	\$ _____
Evaluation	\$ _____
Packer	\$ _____
Circ. Sub.	\$ _____
Total	\$ <u>975.00</u>

COMPANY TERMS

Western Testing Co., 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 at cost by the party for whom the test is made.

All charges subject to 10% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By [Signature]
Signature of Customer or his
Authorized Representative

Western Representative [Signature]Operator's Time [Signature]

Hrs. _____



WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET 25654

P. O. BOX 793

PHONE 793-7903

GREAT BEND, KANSAS

Formation Miss. Elevation 1513 KB Eff. Pay _____ Ft.District PrattDate 2-18-77

Customer Order No. _____

COMPANY NAME Texas Oil & GasADDRESS Same as DST #1 & #2LEASE AND WELL NO. Sterens "B" #1 COUNTY Harper STATE Kansas Sec. 9 Twp. 31S Rge. 6WMail Inv. To Same as DST #1 & #2

Co. Name _____

Address _____

No. Copies Requested _____

Mail Charts To _____

Address _____

No. Copies Requested _____

Formation Test No. #5 O.K. ☒ Misrun ☐ Interval Tested From 4346 to 4367 Total Depth 4742
Size Main Hole 7 3/8 Rat Hole — Conv. ☒ B.T. ☐ Damaged ☒ Yes ☐ No Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No
Top Packer Depth 4346 Ft. Size 6 3/4 Bottom Packer Depth — Ft. Size —
Straddle yes Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No Packer Depth 4367 Ft. Size 6 3/4
Tool Size 5 1/2 Tool Joint Size 4 1/2 FH Anchor Length 21 Ft. Size 5 1/2 Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 4355 Ft. Clock No. 4963 Inside Outside
Top Make Kuster Cap. 4150 No. 969 Inside Outside
Bottom Make Kuster Cap. 4000 No. 3660 Inside Outside
Below Straddle: Depth _____ Rec. No. 2604 Clock No. 10168 Inside Outside
Depth _____ Ft. Rec. No. _____ Clock No. _____ Inside Outside

Time Set Packer 7:05 A M.
Tool Open I.F.P. From 7:10 A M. to 7:40 A M. Hr. 30 Min. From (B) 81 P.S.I. To (C) 112 P.S.I.
Tool Closed I.C.I.P. From 7:40 A M. to 8:40 A M. Hr. 1 Min. (D) 1529 P.S.I.
Tool Open F.F.P. From 8:40 A M. to 9:25 A M. Hr. 45 Min. From (E) 327 P.S.I. To (F) 327 P.S.I.
Tool Closed F.C.I.P. From 9:25 A M. to 10:55 A M. Hr. 30 Min. (G) 1529 P.S.I.
Initial Hydrostatic Pressure (A) 2,147 P.S.I. Final Hydrostatic Pressure (H) 2,158 P.S.I. Maximum Temp. 132

INFORMATION

BLOW Strong blow throughout test

Did Well Flow Yes ☒ No ☐ Recovery Total Ft. 670 ft. 50 ft drill. mud 620 ft.
No. oil & gas out mud.

Reversed Out Yes ☒ No ☐ Mud Type Driscopac Viscosity 43 Weight 9.2 Water Loss 10.8 cc. Chlorides 12,000
EXTRA EQUIPMENT: Type Circ. Sub. pin Safety Joint yes Jars: Size 3 1/2 IF In. Make WTC Ser. No. 403
Dual Packers yes Did Packers Hold? yes Did Tool Plug? no Where? —
DRILLING CONTRACTOR XPLOR Drill. Co. Length Drill Pipe 2929 ft. I.D. Drill Pipe 3 In. Tool Joint Size 4 FH In.
Length Weight Pipe — ft. I.D. Weight Pipe — In. Tool Joint Size — In. Length Drill Collars 375 ft. I.D. Drill Collars 2 1/4 In.
Tool Joint Size 4 1/2 FH In. Length D.S.T. Tool 61 ft.

Remarks At start of ISIP, fluid dropped ~ 20'. Had
constant blow during ISIP. During FSIP, died 30".

COMPANY TERMS

Western Testing Co., 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 at cost by the party for whom the test is made.

All charges subject to 10% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

INVOICE SECTION

Open Hole Test	\$ 415.00
Straddle Test	\$ 175.00
Jars	\$ 175.00
Selective Zone	\$ 180.00
Safety Joint	\$ 30.00
Misrun	\$
Evaluation	\$
Packer	\$
Circ. Sub.	\$
Total	\$ 975.00

Test Approved By Lonnie J. OlmSignature of Customer or his
Authorized RepresentativeWestern Representative Lonnie J. OlmOperator's Time 5:00

Hrs.

WESTERN TESTING CO., INC.

Pressure Data

Date 2-18-77 Test Ticket No. 25654
 Recorder No. 969 Capacity 4150 Location 4355 Ft.
 Clock No. 4763 Elevation 1513 Kelly Bushing Well Temperature 132 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2257</u> P.S.I.	Open Tool	<u>7:05A</u> M	
B First Initial Flow Pressure	<u>77</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>25</u> Mins.
C First Final Flow Pressure	<u>127</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
D Initial Closed-in Pressure	<u>1568</u> P.S.I.	Second Flow Pressure	<u>45</u> Mins.	<u>45</u> Mins.
E Second Initial Flow Pressure	<u>352</u> P.S.I.	Final Closed-in Pressure	<u>90</u> Mins.	<u>96</u> Mins.
F Second Final Flow Pressure	<u>359</u> P.S.I.			
G Final Closed-in Pressure	<u>1572</u> P.S.I.			
H Final Hydrostatic Mud	<u>2257</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>5</u> Inc.		Breakdown: <u>21</u> Inc.		Breakdown: <u>9</u> Inc.		Breakdown: <u>32</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>77</u>	<u>0</u>	<u>127</u>	<u>0</u>	<u>352</u>	<u>0</u>	<u>359</u>
P 2 <u>5</u>	<u>97</u>	<u>3</u>	<u>273</u>	<u>5</u>	<u>352</u>	<u>3</u>	<u>613</u>
P 3 <u>10</u>	<u>98</u>	<u>6</u>	<u>669</u>	<u>10</u>	<u>352</u>	<u>6</u>	<u>828</u>
P 4 <u>15</u>	<u>104</u>	<u>9</u>	<u>1033</u>	<u>15</u>	<u>352</u>	<u>9</u>	<u>1006</u>
P 5 <u>20</u>	<u>111</u>	<u>12</u>	<u>1215</u>	<u>20</u>	<u>353</u>	<u>12</u>	<u>1146</u>
P 6 <u>25</u>	<u>127</u>	<u>15</u>	<u>1309</u>	<u>25</u>	<u>353</u>	<u>15</u>	<u>1245</u>
P 7 <u>30</u>		<u>18</u>	<u>1368</u>	<u>30</u>	<u>353</u>	<u>18</u>	<u>1305</u>
P 8 <u>35</u>		<u>21</u>	<u>1410</u>	<u>35</u>	<u>354</u>	<u>21</u>	<u>1351</u>
P 9 <u>40</u>		<u>24</u>	<u>1440</u>	<u>40</u>	<u>357</u>	<u>24</u>	<u>1387</u>
P10 <u>45</u>		<u>27</u>	<u>1464</u>	<u>45</u>	<u>359</u>	<u>27</u>	<u>1413</u>
P11 <u>50</u>		<u>30</u>	<u>1483</u>	<u>50</u>		<u>30</u>	<u>1435</u>
P12 <u>55</u>		<u>33</u>	<u>1497</u>	<u>55</u>		<u>33</u>	<u>1452</u>
P13 <u>60</u>		<u>36</u>	<u>1511</u>	<u>60</u>		<u>36</u>	<u>1467</u>
P14		<u>39</u>	<u>1521</u>	<u>65</u>		<u>39</u>	<u>1482</u>
P15		<u>42</u>	<u>1532</u>	<u>70</u>		<u>42</u>	<u>1492</u>
P16		<u>45</u>	<u>1540</u>	<u>75</u>		<u>45</u>	<u>1500</u>
P17		<u>48</u>	<u>1547</u>	<u>80</u>		<u>48</u>	<u>1508</u>
P18		<u>51</u>	<u>1553</u>	<u>85</u>		<u>51</u>	<u>1516</u>
P19		<u>54</u>	<u>1557</u>	<u>90</u>		<u>54</u>	<u>1522</u>
P20		<u>57</u>	<u>1561</u>			<u>57</u>	<u>1528</u>
		<u>60</u>	<u>1565</u>			<u>60</u>	<u>1534</u>
		<u>63</u>	<u>1568</u>				

63— 1539
 66— 1544
 69— 1546
 72— 1550
 75— 1554
 78— 1557
 81— 1560
 84— 1564
 87— 1568
 90— 1569
 93— 1571
 96— 1572



WESTERN TESTING CO., Inc.
P. O. Box 1599
WICHITA, KANSAS
67201

DATE 3-19-77

CHARGE TO

Texas Oil & Gas Corp.
200 W. Douglas Suite 300
Wichita, Kansas 67202

Well Report No.
Unit No.
District

25655

FOR CUSTOMER'S USE ONLY

Register No.	Voucher No.
Terms Approved	Price Approved
Calculations Checked	
Adjustments	
Accounting Distribution	
Audited	Final Approval

Your Order No.	Owner	Contractor
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Well No. B-#1 Farm Stevens County Harper Sec. 9 Twp. 31S Range 6W

One drill stem test from 4346' to 4367' (test #6)	\$415.00
Straddle Test	175.00
Jars	175.00
Selective Zone	180.00
Safety Joint	30.00
TOTAL	\$975.00

Discount \$ 19.50	2% Discount Allowed on This Invoice If Paid by 20th of Following Month	Invoice No. 25655
IN REMITTING PLEASE GIVE OUR INVOICE NUMBER		

SEND ALL REMITTANCES TO POST OFFICE BOX 1599, WICHITA, KANSAS 67201



WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET 25655

P. O. BOX 793

PHONE 793-7903

GREAT BEND, KANSAS

Formation Miss Elevation 1513 KB Eff. Pay _____ Ft.District PrattDate 3-19-77

Customer Order No. _____

COMPANY NAME Sepps Oil & Gas Corp.ADDRESS same as DST #1 & #2LEASE AND WELL NO. Stevens "B" #1 COUNTY Harper STATE Kansas Sec. 9 Twp. 31S Rge. 6WMail Inv. To same as DST #1 & #2 No. Copies Requested _____Co. Name 1 Address _____

Mail Charts To _____ No. Copies Requested _____

Address _____

Formation Test No. #6 O.K. ☒ Misrun _____ Interval Tested From 4346 to 4367 Total Depth 4742Size Main Hole 7 7/8 Rat Hole - Conv. ☒ B.T. _____ Damaged Yes No Conv. - B.T. - Damaged - Yes - NoTop Packer Depth 4346 Ft. Size 6 3/4 Bottom Packer Depth - Ft. Size -Straddle yes Conv. ☒ B.T. _____ Damaged Yes No - Packer Depth 4367 Ft. Size 6 3/4Tool Size 5 1/2 OD Tool Joint Size 4 1/2 FH Anchor Length 21 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.RECORDERS Depth 4355 Ft. Clock No. 4763 Depth 4358 Ft. Clock No. 6866Top Make Kuster Cap. 4150 No. 969 Inside Outside Bottom Make Kuster Cap. 4000 No. 3660 Inside OutsideBelow Straddle: Depth 4368 Rec. No. 2604 Clock No. 10168 Inside Outside Depth - Ft. Rec. No. - Clock No. - Inside OutsideTime Set Packer 12:07 AM 9MTool Open I.F.P. From 12:10 AM to 1:50 AM. 1 Hr. 40 Min. From (B) 30 55 P.S.I. To (C) 112 P.S.I.Tool Closed I.C.I.P. From 1:50 AM to 3:50 AM. 2 Hr. _____ Min. (D) 1529 P.S.I. To (E) 1530 P.S.I.Tool Open F.F.P. From cut M. to _____ M. Hr. _____ Min. From (E) _____ P.S.I. To (F) _____ P.S.I.

Tool Closed F.C.I.P. From _____ M. to _____ M. Hr. _____ Min. (G) _____ P.S.I.

Initial Hydrostatic Pressure (A) 2,168 P.S.I. Final Hydrostatic Pressure (H) 2,168 P.S.I. Maximum Temp. 137 °

INFORMATION

BLOW Strong blow throughout test gas to sur 87 mins.not enough to gaugeDid Well Flow Yes No - Recovery Total Ft. 258 ft. 10 % oil spotted mud 62 ft. oilcut mud 62 ft. oil cut water mud 24 waterReversed Out Yes No - Mud Type Drisc Viscosity 43 Weight 9.2 Water Loss 10.0 cc. Chlorides 12,000EXTRA EQUIPMENT: Type Circ. Sub. pin Safety Joint yes Jars: Size 3 1/2 IF In. Make WTC Ser. No. 403Dual Packers yes Did Packers Hold? yes Did Tool Plug? no Where? -DRILLING CONTRACTOR XPLOR Drill. Co. Length Drill Pipe 3948 ft. I.D. Drill Pipe 3 In. Tool Joint Size 4 1/2 FH In.Length Weight Pipe - ft. I.D. Weight Pipe - In. Tool Joint Size - In. Length Drill Collars 375 ft. I.D. Drill Collars 2 1/4 In.Tool Joint Size 4 1/2 FH In. Length D.S.T. Tool 66 ft. mid. Bottom 45,000Remarks Chlorides 15,000 27,000

INVOICE SECTION

Open Hole Test	\$ 415.00
Straddle Test	\$ 175.00
Jars	\$ 175.00
Selective Zone	\$ 180.00
Safety Joint	\$ 30.00
Misrun	\$
Evaluation	\$
Packer	\$
Circ. Sub.	\$
Total	\$ 775.00

COMPANY TERMS

Western Testing Co., 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 at cost by the party for whom the test is made.

All charges subject to 10% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By Larry Wurdeman
Signature of Customer or his
Authorized RepresentativeWestern Representative Lonnie J. ClainOperator's Time 19.50 Hrs.

WESTERN TESTING CO., INC.

Pressure Data

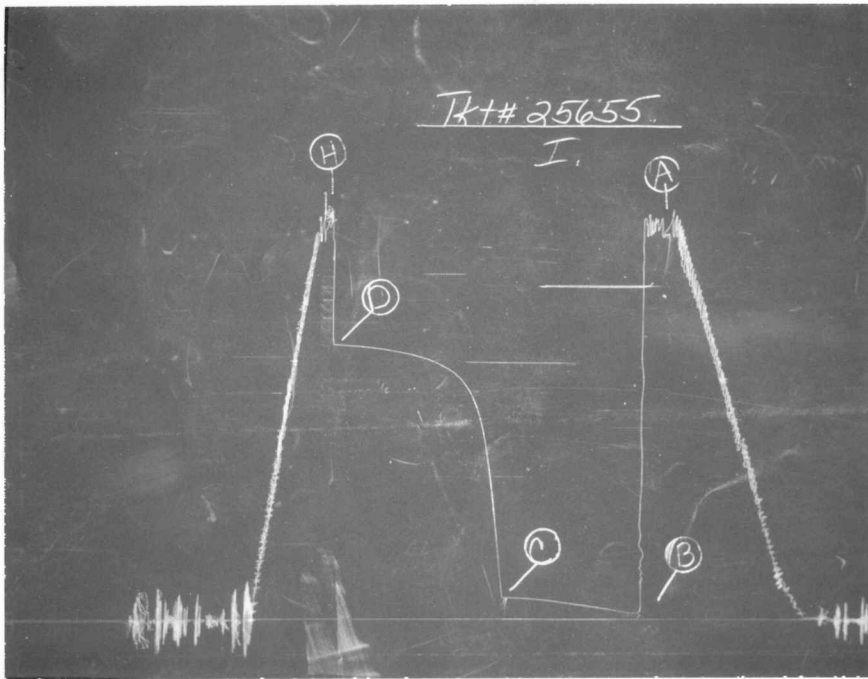
Date 3-19-77 Test Ticket No. 25655
 Recorder No. 969 Capacity 4150 Location 4355 Ft.
 Clock No. 4763 Elevation 1513 Kelly Bushing Well Temperature 137 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2175</u> P.S.I.	<u>12:07 A</u> M	
B First Initial Flow Pressure	<u>55</u> P.S.I.	<u>100</u> Mins.	<u>100</u> Mins.
C First Final Flow Pressure	<u>122</u> P.S.I.	<u>120</u> Mins.	<u>129</u> Mins.
D Initial Closed-in Pressure	<u>1530</u> P.S.I.	<u>—</u> Mins.	<u>—</u> Mins.
E Second Initial Flow Pressure	<u>Not taken</u> P.S.I.	<u>—</u> Mins.	<u>—</u> Mins.
F Second Final Flow Pressure	<u>" "</u> P.S.I.		
G Final Closed-in Pressure	<u>" "</u> P.S.I.		
H Final Hydrostatic Mud	<u>2173</u> P.S.I.		

PRESSURE BREAKDOWN

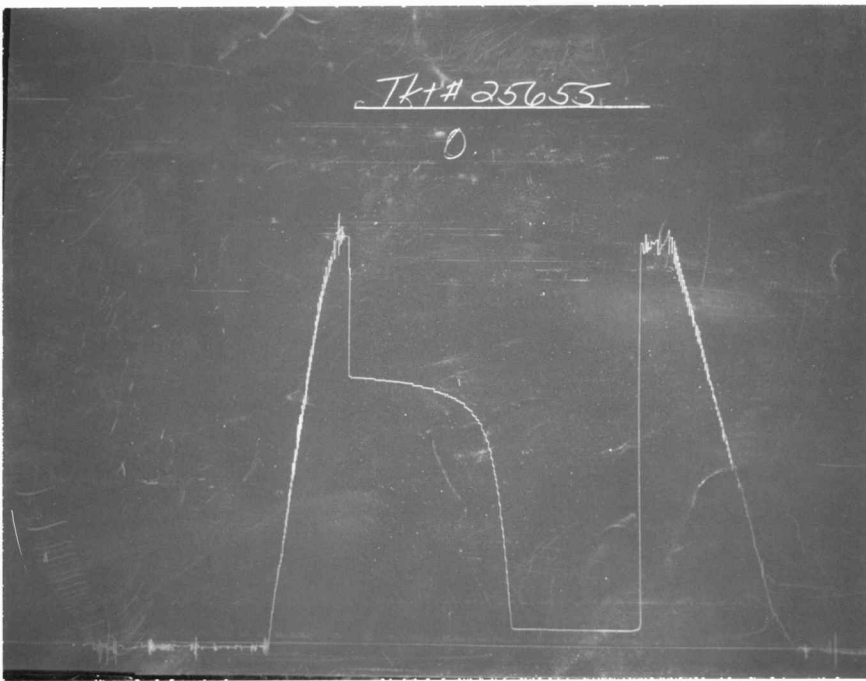
First Flow Pressure	Initial Shut-In	Second Flow Pressure	Final Shut-In
Breakdown: <u>21</u> Inc.	Breakdown: <u>44</u> Inc.	Breakdown: <u>—</u> Inc.	Breakdown: <u>—</u> Inc.
of <u>5</u> mins. and a	of <u>3</u> mins. and a	of <u>5</u> mins. and a	of <u>3</u> mins. and a
final inc. of <u>0</u> Min.	final 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 0	55	0	122	0	63-1457	0	
P 2 5	37	3	355	5	66-1464	3	
P 3 10	41	6	588	10	69-1471	6	
P 4 15	45	9	770	15	72-1476	9	
P 5 20	52	12	936	20	75-1480	12	
P 6 25	58	15	1072	25	78-1485	15	
P 7 30	64	18	1148	30	81-1489	18	
P 8 35	70	21	1205	35	84-1494	21	
P 9 40	75	24	1249	40	87-1498	24	
P10 45	80	27	1283	45	90-1501	27	
P11 50	85	30	1317	50	93-1505	30	
P12 55	90	33	1337	55	96-1508	33	
P13 60	95	36	1358	60	99-1511	36	
P14 65	100	39	1376	65	102-1514	39	
P15 70	104	42	1391	70	105-1516	42	
P16 75	108	45	1404	75	108-1518	45	
P17 80	113	48	1414	80	111-1520	48	
P18 85	115	51	1426	85	114-1522	51	
P19 90	117	54	1435	90	117-1524	54	
P20 95	119	57	1445		120-1525	57	
WTC 100-	121	60	1453		123-1526	60	
105	122				126-1528		
					129-1530		



Tk1# 25655

0.



Tkt# 25655
Below Straddle





Home Office: Wichita, Kansas 67201
P. O. Box 1599 (316) 838-0601

Company Texas Oil & Gas Corp. Lease & Well No. Stevens B-#1
Elevation 1513 Kelly Bushing Formation Mississippi Effective Pay - Ft. Ticket No. 25655
Date 3-19-77 Sec. 9 Twp. 31S Range 6W County Harper State Kansas
Test Approved by Gary Wardeman Western Representative Lonnie J. Cline
Formation Test No. 6 O.K. X Misrun - Interval Tested From 4346' to 4367' Total Depth 4742'
Size Main Hole 77/8 Rat Hole - Conv. X B.T. - Damaged - Yes X No Conv. - B.T. - Damaged - Yes - No
Top Packer Depth 4346 Ft. Size 6 3/4 Bottom Packer Depth - Ft. Size -
Straddle Yes Conv. X B.T. - Damaged - Yes X No Packer Depth 4367 Ft. Size 6 3/4
Tool Size 5 1/2 OD Tool Joint Size 4 1/2 FH Anchor Length 21 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 4355 Ft. Clock No. 4763 Depth 4358 Ft. Clock No. 6866
Top Make Kuster Cap. 4150 No. 969 ^{Inside} ~~Outside~~ Bottom Make Kuster Cap. 4000 No. 3660 ^{Inside} ~~Outside~~
Below Straddle: Depth 4368 Rec. No. 2604 Clock No. 10168 ^{Inside} ~~Outside~~ Depth - Ft. Rec. No. - Clock No. - ^{Inside} ~~Outside~~
Time Set Packer 12:07 A.M.
Tool Open I.F.P. From 12:10A M. to 1:50A M. 1 Hr. 40 Min. From (B) 55 P.S.I. To (C) 122 P.S.I.
Tool Closed I.C.I.P. From 1:50 M. to 3:50A M. 2 Hr. - Min (D) 1530 P.S.I.
Tool Open F.F.P. From - M. to - M. - Hr. - Min. From (E) - P.S.I. To (F) - P.S.I.
Tool Closed F.C.I.P. From - M. to - M. - Hr. - Min. (G) - P.S.I.
Initial Hydrostatic Pressure (A) 2175 P.S.I. Final Hydrostatic Pressure (H) 2173 P.S.I. Maximum Temp. 137

INFORMATION

BLOW Strong blow throughout test. Gas to surface in 87 minutes. Not enough to guage.

Did Well Flow - Yes X No Recovery Total Ft. 258' total recovery. 10' very slightly oil specked mud, 62' oil cut mud, 62' oil cut watery mud, 124' water.

Reversed Out - Yes X No Mud Type drispac Viscosity 43 Weight 9.2 Water Loss 10.8 cc. Chlorides 12,000 P.P.M.

EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint Yes Jars: Size 3 1/2 IF In. Make WTC Ser. No. 403

Dual Packer Yes Did Packers Hold? Yes Did Tool Plug? No Where? -

DRILLING CONTRACTOR XPLOR Drlg. Co. Length Drill Pipe? 3948 Ft. I.D. Drill Pipe 3 In. Tool Joint Size 4 FH In.

Length Weight Pipe - Ft. I.D. Weight Pipe - In. Tool Joint Size - In. Length Drill Collars 375 Ft. I.D. Drill Collars 2 1/4 In.

Tool Joint Size 4 1/2 XH In. Length D.S.T. Tool 66 Ft.

Remarks:

Chlorides check - 15,000 P.P.M. (Top)
" " 27,000 P.P.M. (Middle)
" " 45,000 P.P.M. (Bottom)

WESTERN TESTING CO., INC.
Pressure Data

Date 3-19-77 Test Ticket No. 25655
Recorder No. 969 Capacity 4150 Location 4355
Clock No. 4763 Elevation 1513 Kelly Bushing Well Temperature 137

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2175</u> P.S.I.	Open Tool	<u>12:07</u> A M	
B First Initial Flow Pressure	<u>55</u> P.S.I.	First Flow Pressure	<u>100</u> Mins.	<u>100</u> Mi
C First Final Flow Pressure	<u>122</u> P.S.I.	Initial Closed-in Pressure	<u>120</u> Mins.	<u>129</u> Mi
D Initial Closed-in Pressure	<u>1530</u> P.S.I.	Second Flow Pressure	- Mins.	- Mi
E Second Initial Flow Pressure	- P.S.I.	Final Closed-in Pressure	- Mins.	- Mi
F Second Final Flow Pressure	- P.S.I.			
G Final Closed-in Pressure	- P.S.I.			
H Final Hydrostatic Mud	<u>2173</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>21</u> Inc.		Breakdown: <u>44</u> Inc.		Breakdown: <u>-</u> Inc.		Breakdown: <u>-</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>-</u> mins. and a		of <u>-</u> mins. and a	
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>-</u> Min.		final inc. of <u>-</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>55</u>	<u>0</u>	<u>122</u>				
P 2 <u>5</u>	<u>37</u>	<u>3</u>	<u>355</u>				
P 3 <u>10</u>	<u>41</u>	<u>6</u>	<u>588</u>				
P 4 <u>15</u>	<u>45</u>	<u>9</u>	<u>770</u>				
P 5 <u>20</u>	<u>52</u>	<u>12</u>	<u>936</u>				
P 6 <u>25</u>	<u>58</u>	<u>15</u>	<u>1072</u>				
P 7 <u>30</u>	<u>64</u>	<u>18</u>	<u>1148</u>				
P 8 <u>35</u>	<u>70</u>	<u>21</u>	<u>1205</u>				
P 9 <u>40</u>	<u>75</u>	<u>24</u>	<u>1249</u>				
P10 <u>45</u>	<u>80</u>	<u>27</u>	<u>1283</u>				
P11 <u>50</u>	<u>85</u>	<u>30</u>	<u>1317</u>				
P12 <u>55</u>	<u>90</u>	<u>33</u>	<u>1337</u>				
P13 <u>60</u>	<u>95</u>	<u>36</u>	<u>1358</u>				
P14 <u>65</u>	<u>100</u>	<u>39</u>	<u>1376</u>				
P15 <u>70</u>	<u>104</u>	<u>42</u>	<u>1391</u>				
P16 <u>75</u>	<u>108</u>	<u>45</u>	<u>1404</u>				
P17 <u>80</u>	<u>113</u>	<u>48</u>	<u>1414</u>				
P18 <u>85</u>	<u>115</u>	<u>51</u>	<u>1426</u>				
P19 <u>90</u>	<u>117</u>	<u>54</u>	<u>1435</u>				
P20 <u>95</u>	<u>119</u>	<u>57</u>	<u>1445</u>				
		<u>60</u>	<u>1453</u>				

WESTERN TESTING CO., INC.

Pressure Data

Date 3-19-77Test Ticket No. 25655Recorder No. 969Capacity 4150Location 4355Clock No. 4763Elevation 1513 Kelly BushingWell Temperature 137

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2175</u> P.S.I.	Open Tool	<u>12:07 A</u>	<u>M</u>
B First Initial Flow Pressure	<u>55</u> P.S.I.	First Flow Pressure	<u>100</u> Mins.	<u>100</u> Min.
C First Final Flow Pressure	<u>122</u> P.S.I.	Initial Closed-in Pressure	<u>120</u> Mins.	<u>129</u> Min.
D Initial Closed-in Pressure	<u>1530</u> P.S.I.	Second Flow Pressure	<u>-</u> Mins.	<u>-</u> Min.
E Second Initial Flow Pressure	<u>-</u> P.S.I.	Final Closed-in Pressure	<u>-</u> Mins.	<u>-</u> Min.
F Second Final Flow Pressure	<u>-</u> P.S.I.			
G Final Closed-in Pressure	<u>-</u> P.S.I.			
H Final Hydrostatic Mud	<u>2173</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>21</u> Inc.		Breakdown: <u>44</u> Inc.		Breakdown: <u>-</u> Inc.		Breakdown: <u>-</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>-</u> mins. and a		of <u>-</u> mins. and a	
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>-</u> Min.		final inc. of <u>-</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>100</u>	<u>121</u>	<u>63</u>	<u>1457</u>				
P 2 <u>105</u>	<u>122</u>	<u>66</u>	<u>1464</u>				
P 3		<u>69</u>	<u>1471</u>				
P 4		<u>72</u>	<u>1476</u>				
P 5		<u>75</u>	<u>1480</u>				
P 6		<u>78</u>	<u>1485</u>				
P 7		<u>81</u>	<u>1489</u>				
P 8		<u>84</u>	<u>1494</u>				
P 9		<u>87</u>	<u>1498</u>				
P10		<u>90</u>	<u>1501</u>				
P11		<u>93</u>	<u>1505</u>				
P12		<u>96</u>	<u>1508</u>				
P13		<u>99</u>	<u>1511</u>				
P14		<u>102</u>	<u>1514</u>				
P15		<u>105</u>	<u>1516</u>				
P16		<u>108</u>	<u>1518</u>				
P17		<u>111</u>	<u>1520</u>				
P18		<u>114</u>	<u>1522</u>				
P19		<u>117</u>	<u>1524</u>				
P20		<u>120</u>	<u>1525</u>				
		<u>123</u>	<u>1526</u>				
		<u>126</u>	<u>1528</u>				
		<u>129</u>	<u>1530</u>				