



WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET N^o 10050

P. O. BOX 1599

PHONE (316) 262-5861

WICHITA, KANSAS 67201

Elevation

1504 KB

Formation

Miss

Eff. Pay

Ft.

District

Augusta

Date

3-8-82

Customer Order No.

COMPANY NAME Kinetic Oil & Gas Exploration Inc

ADDRESS 2822 S Vinta, Denver Co 80231

LEASE AND WELL NO. Joslin #1 COUNTY Harper STATE KS Sec. 22 Twp 31^s Rge 7^w

Mail Invoice To Same Co. Name

Address

No. Copies Requested 1

Mail Charts To Same

Address

No. Copies Requested 5

Formation Test No. 1 Interval Tested from 4390 ft. to 4409 ft. Total Depth 4409 ft.

Packer Depth 4390 ft. Size 6 3/4 in.

Packer Depth — ft. Size — in.

Packer Depth 4385 ft. Size 6 3/4 in.

Packer Depth — ft. Size — in.

Depth of Selective Zone Set —

Top Recorder Depth (Inside) 4395 ft.

Recorder Number 13268 Cap. 4225

Bottom Recorder Depth (Outside) 4399 ft.

Recorder Number 1049 Cap. 4250

Below Straddle Recorder Depth — ft.

Recorder Number — Cap. —

Drilling Contractor Lach #2

Drill Collar Length 0 I. D. — in.

Mud Type Starch Viscosity 49

Weight Pipe Length — I. D. — in.

Weight 10 Water Loss 10.6 cc.

Drill Pipe Length 4370 I. D. — in.

Chlorides 18,700 P.P.M.

Test Tool Length 20 ft. Tool Size 5 1/2 in.

Jars: Make None Serial Number —

Anchor Length 19 ft. Size 5 1/2 in.

Did Well Flow? No Reversed Out

Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7/8 in. Tool Joint Size 4 1/2 FH in.

Blow: Strong through out test 1st & 2nd flows

Recovered 330 ft. of Gas in pipe
Recovered 690 ft. of muddy water (129,000 ppm chlorides)

Recovered — ft. of

Recovered — ft. of

Recovered — ft. of

Recovered — ft. of

Remarks:

Time On Location 5:00³⁸ A.M. Time Pick Up Tool 8:30 A.M. Time Off Location — A.M.

Time Set Packer(s) 10:35 A.M. Time Started Off Bottom 1:50 A.M. Maximum Temperature 141°

Initial Hydrostatic Pressure (A) 2364 P.S.I.

Initial Flow Period Minutes 30 (B) 106 P.S.I. to (C) 138 P.S.I.

Initial Closed In Period Minutes 45 (D) 1603 P.S.I.

Final Flow Period Minutes 60 (E) 224 P.S.I. to (F) 331 P.S.I.

Final Closed In Period Minutes 60 (G) 1613 P.S.I.

Final Hydrostatic Pressure (H) 2364 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 Richard H. Robb
Signature of Customer or his authorized representative

Western Representative Robert Davis

FIELD INVOICE

Open Hole Test \$ 700⁰⁰
Misrun \$
Straddle Test \$
Jars \$
Selective Zone \$
Safety Joint \$
Standby \$
Evaluation \$
Extra Packer \$
Circ. Sub. \$
91 Mileage \$ 68.25
Fluid Sampler \$
Extra Charts \$
Insurance \$ 50.00
TOTAL \$ 818.25

WESTERN TESTING CO., INC.

Pressure Data

Date 3-8-82 Test Ticket No. 10050
 Recorder No. 13268 Capacity 4225 Location 4395 P
 Clock No. --- Elevation 1504 KB Well Temperature 141 °

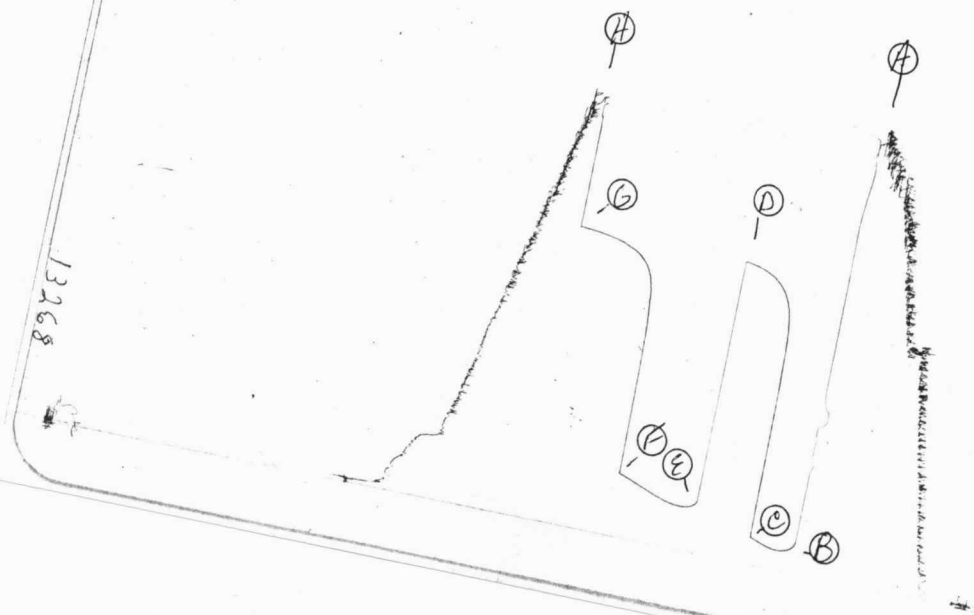
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2384</u>	P.S.I.	<u>10:35 P</u>	<u>M</u>
B First Initial Flow Pressure	<u>107</u>	P.S.I.	<u>30</u>	Mins. <u>35</u> Mins.
C First Final Flow Pressure	<u>145</u>	P.S.I.	<u>45</u>	Mins. <u>45</u> Mins.
D Initial Closed-in Pressure	<u>1614</u>	P.S.I.	<u>60</u>	Mins. <u>60</u> Mins.
E Second Initial Flow Pressure	<u>235</u>	P.S.I.	<u>60</u>	Mins. <u>66</u> Mins.
F Second Final Flow Pressure	<u>340</u>	P.S.I.		
G Final Closed-in Pressure	<u>1419</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2341</u>	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>7</u> Inc.		Breakdown: <u>15</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>22</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	<u>107</u>	0	<u>145</u>	0	<u>235</u>	0	<u>340</u>
P 2 5	<u>107</u>	3	<u>977</u>	5	<u>1</u>	3	<u>1182</u>
P 3 10	<u>107</u>	6	<u>1325</u>	10	<u>1</u>	6	<u>1373</u>
P 4 15	<u>108</u>	9	<u>1418</u>	15	<u>235</u>	9	<u>1443</u>
P 5 20	<u>114</u>	12	<u>1471</u>	20	<u>239</u>	12	<u>1485</u>
P 6 25	<u>124</u>	15	<u>1502</u>	25	<u>248</u>	15	<u>1512</u>
P 7 30	<u>138</u>	18	<u>1530</u>	30	<u>261</u>	18	<u>1532</u>
P 8 35	<u>145</u>	21	<u>1549</u>	35	<u>274</u>	21	<u>1548</u>
P 9 40		24	<u>1563</u>	40	<u>288</u>	24	<u>1559</u>
P10 45		27	<u>1575</u>	45	<u>301</u>	27	<u>1567</u>
P11 50		30	<u>1586</u>	50	<u>316</u>	30	<u>1576</u>
P12 55		33	<u>1595</u>	55	<u>329</u>	33	<u>1586</u>
P13 60		36	<u>1601</u>	60	<u>340</u>	36	<u>1592</u>
P14		39	<u>1605</u>	65		39	<u>1596</u>
P15		42	<u>1610</u>	70		42	<u>1600</u>
P16		45	<u>1614</u>	75		45	<u>1604</u>
P17		48		80		48	<u>1608</u>
P18		51		85		51	<u>1611</u>
P19		54		90		54	<u>1614</u>
P20		57				57	<u>1616</u>
		60				60	<u>1618</u>
						<u>1619</u>	<u>1619</u>

Plot #10050
I

13268



Company Kinetic Oil & Gas Exploration, Inc. Lease & Well No. Joslin #1
Elevation 1405 Kelly Bushing Mississippi Formation PP Effective Pay - Ft. Ticket No. 10050
Date 3/8/82 Sec. 22 Twp. 31S Range 7W County Harper State Kansas
Test Approved by Richard A. Robba Western Representative Robert Davis

Formation Test No. 1 Interval Tested from 4390 ft. to 4409 ft. Total Depth 4409 ft.

Packer Depth 4390 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 4385 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4395 ft. Recorder Number 13268 Cap. 4225

Bottom Recorder Depth (Outside) 4399 ft. Recorder Number 1049 Cap. 4250

Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Lacck Drlg. Rig #2 Drill Collar Length - I. D. - in.

Mud Type starch Viscosity 49 Weight Pipe Length - I. D. - in.

Weight 10 Water Loss 10.6 cc. Drill Pipe Length 4370 I. D. - in.

Chlorides 18,700 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 in.

Jars: Make - Serial Number - Anchor Length 19 ft. Size 5 1/2 in.

Did Well Flow? No Reversed Out - 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 throughout test.

Recovered 330 ft. of gas in pipe

Recovered 690 ft. of muddy water Chlorides 129,000 ppm

Recovered - ft. of -

Recovered - ft. of -

Recovered - ft. of -

Remarks: -

Time Set Packer(s) 10:35 A.M. Time Started Off Bottom 1:50 P.M. Maximum Temperature 141°

Initial Hydrostatic Pressure 2384 P.S.I. (A)

Initial Flow Period 35 Minutes (B) 107 P.S.I. to (C) 145 P.S.I.

Initial Closed In Period 45 Minutes (D) 1614 P.S.I.

Final Flow Period 60 Minutes (E) 235 P.S.I. to (F) 340 P.S.I.

Final Closed In Period 66 Minutes (G) 1619 P.S.I.

Final Hydrostatic Pressure 2341 P.S.I. (H)

WESTERN TESTING CO., INC.

Pressure Data

Date 3/8/82

Test Ticket No. 10050

Recorder No. 13268

Capacity 4225

Location 4395 Ft.

Clock No. -- Elevation 1504 Kelly Bushing

Well Temperature 141 °F

Point	Pressure		Time Given	Time Computed
A. Initial Hydrostatic Mud	<u>2384</u> P.S.I.	Open Tool	<u>10:35P</u> M	
B. First Initial Flow Pressure	<u>107</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>35</u> Mins.
C. First Final Flow Pressure	<u>145</u> P.S.I.	Initial Closed-in Pressure	<u>45</u> Mins.	<u>45</u> Mins.
D. Initial Closed-in Pressure	<u>1614</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E. Second Initial Flow Pressure	<u>235</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>66</u> Mins.
F. Second Final Flow Pressure	<u>340</u> P.S.I.			
G. Final Closed-in Pressure	<u>1619</u> P.S.I.			
H. Final Hydrostatic Mud	<u>2341</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>7</u> Inc.		Breakdown: <u>15</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>22</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>107</u>	<u>0</u>	<u>145</u>	<u>0</u>	<u>235</u>	<u>0</u>	<u>340</u>
P 2 <u>5</u>	<u>107</u>	<u>3</u>	<u>977</u>	<u>5</u>	<u>235</u>	<u>3</u>	<u>1182</u>
P 3 <u>10</u>	<u>107</u>	<u>6</u>	<u>1325</u>	<u>10</u>	<u>235</u>	<u>6</u>	<u>1373</u>
P 4 <u>15</u>	<u>108</u>	<u>9</u>	<u>1418</u>	<u>15</u>	<u>235</u>	<u>9</u>	<u>1443</u>
P 5 <u>20</u>	<u>114</u>	<u>12</u>	<u>1471</u>	<u>20</u>	<u>239</u>	<u>12</u>	<u>1485</u>
P 6 <u>25</u>	<u>124</u>	<u>15</u>	<u>1502</u>	<u>25</u>	<u>248</u>	<u>15</u>	<u>1512</u>
P 7 <u>30</u>	<u>138</u>	<u>18</u>	<u>1530</u>	<u>30</u>	<u>261</u>	<u>18</u>	<u>1532</u>
P 8 <u>35</u>	<u>145</u>	<u>21</u>	<u>1549</u>	<u>35</u>	<u>274</u>	<u>21</u>	<u>1548</u>
P 9		<u>24</u>	<u>1563</u>	<u>40</u>	<u>288</u>	<u>24</u>	<u>1559</u>
P10		<u>27</u>	<u>1575</u>	<u>45</u>	<u>301</u>	<u>27</u>	<u>1567</u>
P11		<u>30</u>	<u>1586</u>	<u>50</u>	<u>316</u>	<u>30</u>	<u>1576</u>
P12		<u>33</u>	<u>1595</u>	<u>55</u>	<u>329</u>	<u>33</u>	<u>1586</u>
P13		<u>36</u>	<u>1601</u>	<u>60</u>	<u>340</u>	<u>36</u>	<u>1592</u>
P14		<u>39</u>	<u>1605</u>			<u>39</u>	<u>1596</u>
P15		<u>42</u>	<u>1610</u>			<u>42</u>	<u>1600</u>
P16		<u>45</u>	<u>1614</u>			<u>45</u>	<u>1604</u>
P17						<u>48</u>	<u>1608</u>
P18						<u>51</u>	<u>1611</u>
P19						<u>54</u>	<u>1614</u>
P20						<u>57</u>	<u>1616</u>
						<u>60</u>	<u>1618</u>
						<u>63</u>	<u>1619</u>
						<u>66</u>	<u>1619</u>