



WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET No 2482

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

Elevation 1313 KB Formation cleveland Eff. Pay Ft.

District AUGUSTA Date 2-18-79 Customer Order No.

COMPANY NAME Energy Exploration, Inc.

ADDRESS 120 S. MARKET Suite 606 WICHITA, KS. 67202

LEASE AND WELL NO. Lewis #1 COUNTY Cowley STATE KANS. Sec. 11 Twp. 21S Rge. 5E

Mail Invoice To SAME Co. Name Address No. Copies Requested 1

Mail Charts To SAME Address No. Copies Requested 5

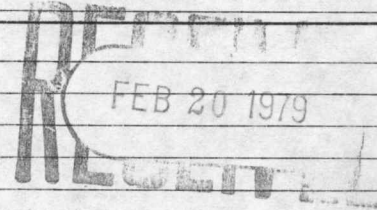
Formation Test No. 1 Interval Tested from 2477 ft. to 2540 ft. Total Depth 2540 ft. Packer Depth 2472 ft. Size 6 3/4 in. Packer Depth 2477 ft. Size 6 3/4 in.

Top Recorder Depth (Inside) 2501 ft. Recorder Number 3085 Cap. 4500 Bottom Recorder Depth (Outside) 2504 ft. Recorder Number 1561 Cap. 3200 Below Straddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor White & Ellis Rig 5 Mud Type chemical Viscosity 38 Weight 9.4 Water Loss 9.5 cc. Chlorides 950 P.P.M. Jars: Make Serial Number Did Well Flow? no Reversed Out Drill Collar Length 341 I. D. 2 1/4 I.D. in. Weight Pipe Length I. D. in. Drill Pipe Length 2115 I. D. 2.8 in. Test Tool Length 21 in. Tool Size 5 1/2 O.D. in. Anchor Length 63 ft. Size 5 1/2 O.D. in. 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: Good THRU-OUT TEST

Recovered 140 ft. of drilling mud



Remarks: GAS TO SURFACE 20 min 2" opening (too small to measure)

Table with 4 columns: Time Set Packer(s), A.M./P.M., Time Started Off Bottom, Maximum Temperature. Rows include Initial Hydrostatic Pressure, Initial Flow Period, Initial Closed In Period, Final Flow Period, Final Closed In Period, Final Hydrostatic Pressure.

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 [Signature] Signature of Customer or his authorized representative

Western Representative Roger Emmers Philip Knighton (Geol)

FIELD INVOICE

Table with 2 columns: Item, Amount. Items include Open Hole Test, Misrun, Straddle Test, Jars, Selective Zone, Safety Joint, Standby, Evaluation, Extra Packer, Circ. Sub., Mileage, Extra Charts.

TOTAL \$440.00

**WESTERN TESTING CO., INC.**  
**Pressure Data**

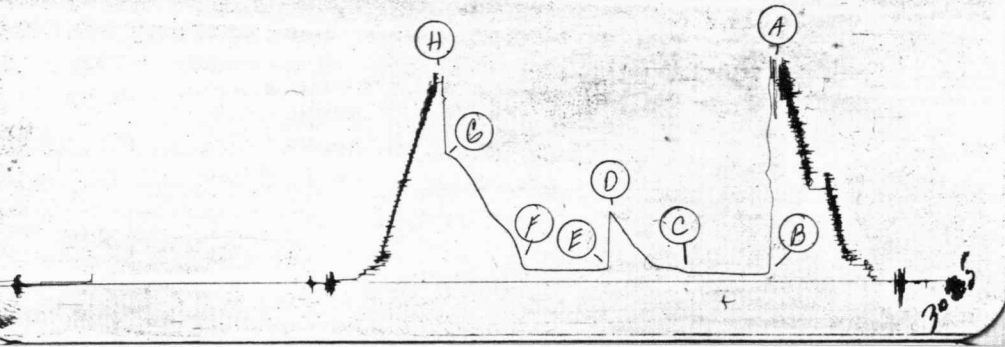
Date 2-18-79 Test Ticket No. 2482  
 Recorder No. 3085 Capacity 4500 Location 2501 Ft.  
 Clock No. \_\_\_\_\_ Elevation 1313 KB Well Temperature 109 °F

Point	Pressure		Time Given	Time Computed
A. Initial Hydrostatic Mud	<u>1232</u>	P.S.I.	<u>11:20 A.M.</u>	
B. First Initial Flow Pressure	<u>48</u>	P.S.I.	<u>60</u> Mins.	<u>60</u> Mins.
C. First Final Flow Pressure	<u>48</u>	P.S.I.	<u>60</u> Mins.	<u>60</u> Mins.
D. Initial Closed-in Pressure	<u>428</u>	P.S.I.	<u>60</u> Mins.	<u>60</u> Mins.
E. Second Initial Flow Pressure	<u>76</u>	P.S.I.	<u>60</u> Mins.	<u>60</u> Mins.
F. Second Final Flow Pressure	<u>75</u>	P.S.I.	<u>60</u> Mins.	<u>60</u> Mins.
G. Final Closed-in Pressure	<u>783</u>	P.S.I.		
H. Final Hydrostatic Mud	<u>1208</u>	P.S.I.		

**PRESSURE BREAKDOWN**

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>12</u> Inc.		Breakdown: <u>20</u> Inc.		Breakdown: <u>12</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>48</u>	<u>0</u> <u>48</u>	<u>48</u>	<u>0</u> <u>76</u>	<u>76</u>	<u>0</u> <u>75</u>	<u>75</u>
P 2	<u>5</u> <u>41</u>	<u>3</u> <u>60</u>	<u>60</u>	<u>5</u> <u>74</u>	<u>74</u>	<u>3</u> <u>96</u>	<u>96</u>
P 3	<u>10</u> <u>38</u>	<u>6</u> <u>69</u>	<u>69</u>	<u>10</u> <u>69</u>	<u>69</u>	<u>6</u> <u>182</u>	<u>182</u>
P 4	<u>15</u> <u>38</u>	<u>9</u> <u>79</u>	<u>79</u>	<u>15</u> <u>67</u>	<u>67</u>	<u>9</u> <u>251</u>	<u>251</u>
P 5	<u>20</u> <u>38</u>	<u>12</u> <u>81</u>	<u>81</u>	<u>20</u>		<u>12</u> <u>287</u>	<u>287</u>
P 6	<u>25</u> <u>43</u>	<u>15</u> <u>84</u>	<u>84</u>	<u>25</u>		<u>15</u> <u>323</u>	<u>323</u>
P 7	<u>30</u> <u>45</u>	<u>18</u> <u>88</u>	<u>88</u>	<u>30</u>		<u>18</u> <u>347</u>	<u>347</u>
P 8	<u>35</u> <u>46</u>	<u>21</u> <u>91</u>	<u>91</u>	<u>35</u>		<u>21</u> <u>370</u>	<u>370</u>
P 9	<u>40</u> <u>48</u>	<u>24</u> <u>96</u>	<u>96</u>	<u>40</u> <u>67</u>	<u>67</u>	<u>24</u> <u>392</u>	<u>392</u>
P10	<u>45</u>	<u>27</u> <u>112</u>	<u>112</u>	<u>45</u> <u>69</u>	<u>69</u>	<u>27</u> <u>418</u>	<u>418</u>
P11	<u>50</u>	<u>30</u> <u>139</u>	<u>139</u>	<u>50</u> <u>70</u>	<u>70</u>	<u>30</u> <u>466</u>	<u>466</u>
P12	<u>55</u>	<u>33</u> <u>167</u>	<u>167</u>	<u>55</u> <u>74</u>	<u>74</u>	<u>33</u> <u>514</u>	<u>514</u>
P13	<u>60</u> <u>48</u>	<u>36</u> <u>196</u>	<u>196</u>	<u>60</u> <u>75</u>	<u>75</u>	<u>36</u> <u>558</u>	<u>558</u>
P14		<u>39</u> <u>215</u>	<u>215</u>	<u>65</u>		<u>39</u> <u>602</u>	<u>602</u>
P15		<u>42</u> <u>253</u>	<u>253</u>	<u>70</u>		<u>42</u> <u>644</u>	<u>644</u>
P16		<u>45</u> <u>289</u>	<u>289</u>	<u>75</u>		<u>45</u> <u>676</u>	<u>676</u>
P17		<u>48</u> <u>327</u>	<u>327</u>	<u>80</u>		<u>48</u> <u>709</u>	<u>709</u>
P18		<u>51</u> <u>366</u>	<u>366</u>	<u>85</u>		<u>51</u> <u>739</u>	<u>739</u>
P19		<u>54</u> <u>397</u>	<u>397</u>	<u>90</u>		<u>54</u> <u>758</u>	<u>758</u>
P19		<u>57</u> <u>413</u>	<u>413</u>			<u>57</u> <u>774</u>	<u>774</u>
P20		<u>60</u> <u>428</u>	<u>428</u>			<u>60</u> <u>783</u>	<u>783</u>

TRT # 2482  
I



Company Energy Exploration, Inc. Lease & Well No. Lewis #1  
 Elevation 1313 Kelly Bushing Formation Cleveland Effective Pay -- Ft. Ticket No. 2482  
 Date 2/18/79 Sec. 11 Twp. 31S Range 5E County Cowley State Kansas  
 Test Approved by Philip Knighton Western Representative Roger Emmons

Formation Test No. 1 Interval Tested from 2477' ft. to 2540' ft. Total Depth 2540' ft.  
 Packer Depth 2472 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.  
 Packer Depth 2477 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.  
 Depth of Selective Zone Set --

Top Recorder Depth (Inside) 2501 ft. Recorder Number 3085 Cap. 4500  
 Bottom Recorder Depth (Outside) 2504 ft. Recorder Number 1561 Cap. 3200  
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor White & Ellis Rig #5 Drill Collar Length 341 I. D. 2 1/2 I. D. in.  
 Mud Type chemical Viscosity 38 Weight Pipe Length - I. D. - in.  
 Weight 9.4 Water Loss 9.5 cc. Drill Pipe Length 2115 I. D. 3.8 in.  
 Chlorides 950 P.P.M. Test Tool Length 21' Tool Size 5 1/2 OD in.  
 Jars: Make -- Serial Number -- Anchor Length 63' ft. Size 5 1/2 OD 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: Good throughout test.

Recovered 140 ft. of drilling mud  
 Recovered          ft. of           
 Recovered          ft. of           
 Recovered          ft. of           
 Recovered          ft. of         

Remarks: Gas to surface 20 minutes second opening. (Too small to measure)

Time Set Packer(s) 11:20 ~~A.M.~~ P.M. Time Started Off Bottom 3:20 ~~A.M.~~ P.M. Maximum Temperature 107  
 Initial Hydrostatic Pressure ..... (A) 1222 P.S.I.  
 Initial Flow Period ..... Minutes 60 (B) 48 P.S.I. to (C) 48 P.S.I.  
 Initial Closed In Period ..... Minutes 60 (D) 428 P.S.I.  
 Final Flow Period ..... Minutes 60 (E) 76 P.S.I. to (F) 75 P.S.I.  
 Final Closed In Period ..... Minutes 60 (G) 783 P.S.I.  
 Final Hydrostatic Pressure ..... (H) 1208 P.S.I.

**WESTERN TESTING CO., INC.**  
**Pressure Data**

Date 2/18/79 Test Ticket No. 2482  
 Recorder No. 3085 Capacity 4500 Location 2501 Ft.  
 Clock No. -- Elevation 1313 Kelly Bushing Well Temperature 107 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1222	P.S.I.	11:20A	M
B First Initial Flow Pressure	48	P.S.I.	60	Mins. 60 Mins.
C First Final Flow Pressure	48	P.S.I.	60	Mins. 60 Mins.
D Initial Closed-in Pressure	428	P.S.I.	60	Mins. 60 Mins.
E Second Initial Flow Pressure	76	P.S.I.	60	Mins. 60 Mins.
F Second Final Flow Pressure	75	P.S.I.		
G Final Closed-in Pressure	783	P.S.I.		
H Final Hydrostatic Mud	1208	P.S.I.		

**PRESSURE BREAKDOWN**

**First Flow Pressure**  
 Breakdown: 12 Inc.  
 of 5 mins. and a  
 final inc. of 0 Min.

**Initial Shut-In**  
 Breakdown: 20 Inc.  
 of 3 mins. and a  
 final inc. of 0 Min.

**Second Flow Pressure**  
 Breakdown: 12 Inc.  
 of 5 mins. and a  
 final inc. of 0 Min.

**Final Shut-In**  
 Breakdown: 20 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 0	48	0	48	0	76	0	75
P 2 5	41	3	60	5	74	3	96
P 3 10	38	6	69	10	69	6	182
P 4 15	38	9	79	15	67	9	251
P 5 20	38	12	81	20	67	12	287
P 6 25	43	15	84	25	67	15	323
P 7 30	45	18	88	30	67	18	347
P 8 35	46	21	91	35	67	21	370
P 9 40	48	24	96	40	67	24	392
P10 45	48	27	112	45	69	27	418
P11 50	48	30	139	50	70	30	466
P12 55	48	33	167	55	74	33	514
P13 60	48	36	196	60	75	36	558
P14		39	215			39	602
P15		42	253			42	644
P16		45	289			45	676
P17		48	327			48	709
P18		51	366			51	739
P19		54	397			54	758
P20		57	413			57	774
WTC - 4		60	428			60	783



WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET

No

2483

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

Elevation 1313 NB Formation MISSISSIPPI Eff. Pay Ft.

District AUGUSTA Date 2-20-79 Customer Order No.

COMPANY NAME Energy Explorations

ADDRESS 1205 MARKET Suite 606 WICHITA, KS

LEASE AND WELL NO. Lewis #1 COUNTY Cowley STATE Kans Sec. 11 Twp 31S Rge 5E

Mail Invoice To SAME Co. Name Address No. Copies Requested 1

Mail Charts To SAME Address No. Copies Requested 5

Formation Test No. 2 Interval Tested from 2943 ft. to 3030 ft. Total Depth 3030 ft.

Packer Depth 2938 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 2943 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3024 ft. Recorder Number 3085 Cap. 4500

Bottom Recorder Depth (Outside) 3027 ft. Recorder Number 1561 Cap. 3200

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

Drilling Contractor White & Ellis Rig 5 Drill Collar Length 241 I. D. 2 1/4 I.D. in.

Mud Type chemical Viscosity 43 Weight Pipe Length - I. D. - in.

Weight 9.4 Water Loss 7.5 cc. Drill Pipe Length 2578 I. D. 3.8 in.

Chlorides 1150 P.P.M. Test Tool Length 24 in. Tool Size 5 1/2 O.D. in.

Jars: Make - Serial Number - Anchor Length 87 ft. Size 5 1/2 O.D. in.

Did Well Flow? - 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 F.H. in.

Blow: Good diminishing to FAIR both Flow Periods

Recovered 1220 ft. of drilling mud

Recovered - ft. of

Recovered - ft. of

Recovered - ft. of

Recovered - ft. of

Remarks: PACKER SEAT FAILURE

RECORDED FEB 21 1979

Time Set Packer(s) 1:30 A.M. Time Started Off Bottom 4:00 A.M. Maximum Temperature 114

Initial Hydrostatic Pressure (A) 1788 P.S.I.

Initial Flow Period Minutes 20 (B) 322 P.S.I. to (C) 322 P.S.I.

Initial Closed In Period Minutes 60 (D) 990 P.S.I.

Final Flow Period Minutes 10 (E) P.S.I. to (F) P.S.I.

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

Final Hydrostatic Pressure (H) 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 [Signature] Signature of Customer or his authorized representative

Western Representative Roger Emmens

FIELD INVOICE

Open Hole Test \$ Misrun \$ 225.00 Straddle Test \$ Jars \$ Selective Zone \$ Safety Joint \$ Standby \$ Evaluation \$ Extra Packer \$ Circ. Sub. \$ Mileage \$ Extra Charts \$

TOTAL \$ 225.00

# WESTERN TESTING CO., INC.

## Pressure Data

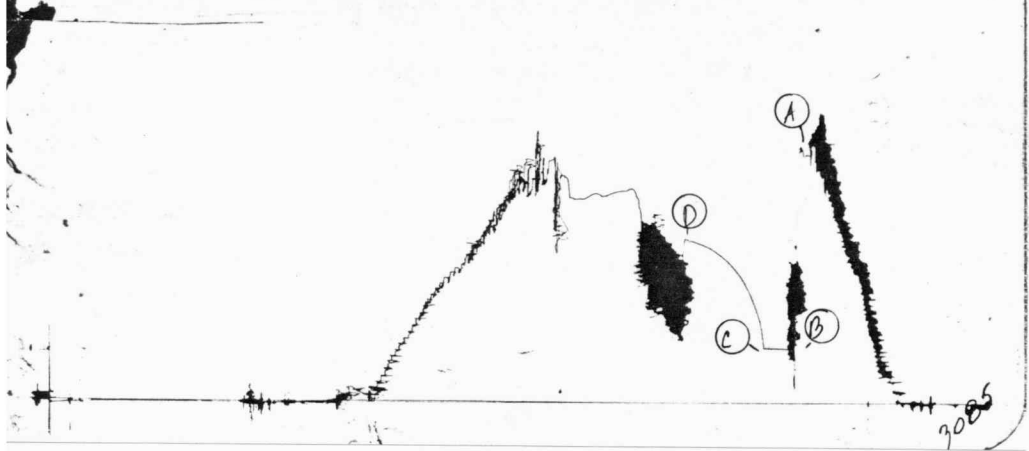
Date 2-20-79 Test Ticket No. 2483  
 Recorder No. 3085 Capacity 4500 Location 3024 Ft.  
 Clock No. \_\_\_\_\_ Elevation 1313 KB Well Temperature 114 °F

Point	Pressure		Time Given	Time Computed
A. Initial Hydrostatic Mud	<u>1495</u> P.S.I.	Open Tool	<u>1:30</u> A M	
B First Initial Flow Pressure	<u>330</u> P.S.I.	First Flow Pressure	<u>20</u> Mins.	<u>20</u> Mins.
C First Final Flow Pressure	<u>337</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
D Initial Closed-in Pressure	<u>988</u> P.S.I.	Second Flow Pressure		
E Second Initial Flow Pressure	P.S.I.	Final Closed-in Pressure		
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

Point Mins.	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.	
P 1	<u>0</u> <u>330</u>	<u>0</u> <u>337</u>	<u>0</u> <u>337</u>	<u>0</u> _____	<u>0</u> _____	<u>0</u> _____	_____	
P 2	<u>5</u> <u>332</u>	<u>3</u> <u>474</u>	<u>3</u> <u>474</u>	<u>5</u> _____	<u>5</u> _____	<u>3</u> _____	_____	
P 3	<u>10</u> <u>334</u>	<u>6</u> <u>549</u>	<u>6</u> <u>549</u>	<u>10</u> _____	<u>10</u> _____	<u>6</u> _____	_____	
P 4	<u>15</u> <u>336</u>	<u>9</u> <u>607</u>	<u>9</u> <u>607</u>	<u>15</u> _____	<u>15</u> _____	<u>9</u> _____	_____	
P 5	<u>20</u> <u>337</u>	<u>12</u> <u>665</u>	<u>12</u> <u>665</u>	<u>20</u> _____	<u>20</u> _____	<u>12</u> _____	_____	
P 6	<u>25</u> _____	<u>15</u> <u>713</u>	<u>15</u> <u>713</u>	<u>25</u> _____	<u>25</u> _____	<u>15</u> _____	_____	
P 7	<u>30</u> <u>337</u>	<u>18</u> <u>753</u>	<u>18</u> <u>753</u>	<u>30</u> _____	<u>30</u> _____	<u>18</u> _____	_____	
P 8	<u>35</u> _____	<u>21</u> <u>790</u>	<u>21</u> <u>790</u>	<u>35</u> _____	<u>35</u> _____	<u>21</u> _____	_____	
P 9	<u>40</u> _____	<u>24</u> <u>814</u>	<u>24</u> <u>814</u>	<u>40</u> _____	<u>40</u> _____	<u>24</u> _____	_____	
P10	<u>45</u> _____	<u>27</u> <u>837</u>	<u>27</u> <u>837</u>	<u>45</u> _____	<u>45</u> _____	<u>27</u> _____	_____	
P11	<u>50</u> _____	<u>30</u> <u>865</u>	<u>30</u> <u>865</u>	<u>50</u> _____	<u>50</u> _____	<u>30</u> _____	_____	
P12	<u>55</u> _____	<u>33</u> <u>879</u>	<u>33</u> <u>879</u>	<u>55</u> _____	<u>55</u> _____	<u>33</u> _____	_____	
P13	<u>60</u> _____	<u>36</u> <u>895</u>	<u>36</u> <u>895</u>	<u>60</u> _____	<u>60</u> _____	<u>36</u> _____	_____	
P14	_____	<u>39</u> <u>912</u>	<u>39</u> <u>912</u>	<u>65</u> _____	<u>65</u> _____	<u>39</u> _____	_____	
P15	_____	<u>42</u> <u>929</u>	<u>42</u> <u>929</u>	<u>70</u> _____	<u>70</u> _____	<u>42</u> _____	_____	
P16	_____	<u>45</u> <u>944</u>	<u>45</u> <u>944</u>	<u>75</u> _____	<u>75</u> _____	<u>45</u> _____	_____	
P17	_____	<u>48</u> <u>953</u>	<u>48</u> <u>953</u>	<u>80</u> _____	<u>80</u> _____	<u>48</u> _____	_____	
P18	_____	<u>51</u> <u>961</u>	<u>51</u> <u>961</u>	<u>85</u> _____	<u>85</u> _____	<u>51</u> _____	_____	
P19	_____	<u>54</u> <u>971</u>	<u>54</u> <u>971</u>	<u>90</u> _____	<u>90</u> _____	<u>54</u> _____	_____	
P20	_____	<u>57</u> <u>979</u>	<u>57</u> <u>979</u>	_____	_____	<u>57</u> _____	_____	
	_____	<u>60</u> <u>988</u>	<u>60</u> <u>988</u>	_____	_____	<u>60</u> _____	_____	

TR # 2483  
I



Energy Explorations, Inc. Lewis #1  
 Company 1313 Kelly Bushing Mississippi Lease & Well No. 2483  
 Elevation                      Formation                      Effective Pay                      Ft. Ticket No.                       
 Date 2/20/79 Sec. 11 Twp. 31S Range 5E County Cowley State Kansas  
 Test Approved by Phillip M. Knighton Western Representative Roger Emmons

Formation Test No. 2 Interval Tested from 2943' ft. to 3030' ft. Total Depth 3030' ft.  
 Packer Depth 2938' ft. Size 6 3/4 in. Packer Depth - ft. Size - in.  
 Packer Depth 2943 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.  
 Depth of Selective Zone Set --

Top Recorder Depth (Inside) 3024 ft. Recorder Number 3085 Cap. 4500  
 Bottom Recorder Depth (Outside) 3027 ft. Recorder Number 1561 Cap. 3200  
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor White & Ellis Rig # 5 Drill Collar Length 341 I. D. 2 1/4 ID in.  
 Mud Type chemical Viscosity 43 Weight Pipe Length - I. D. - in.  
 Weight 9.4 Water Loss 7.5 cc. Drill Pipe Length 2578 I. D. 3.8 in.  
 Chlorides 1,150 P.P.M. Test Tool Length 24' in. Tool Size 5 1/2 OD in.  
 Jars: Make -- Serial Number -- Anchor Length 87' ft. Size 5 1/2 OD in.  
 Did Well Flow?                      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: Good, diminishing to fair both flow periods.

Recovered 1730 ft. of drilling mud  
 Recovered                      ft. of                       
 Recovered                      ft. of PACKER SEAT FAILURE  
 Recovered                      ft. of MISRUN  
 Recovered                      ft. of                       
 Recovered                      ft. of                     

Remarks:                     

Time Set Packer(s) 1:30 ~~P.M.~~ <sup>A.M.</sup> Time Started Off Bottom 4:00 ~~P.M.~~ <sup>A.M.</sup> Maximum Temperature 114  
 Initial Hydrostatic Pressure                      (A) 1495 P.S.I.  
 Initial Flow Period                      Minutes 20 (B) 330 P.S.I. to (C) 337 P.S.I.  
 Initial Closed In Period                      Minutes 60 (D) 988 P.S.I.  
 Final Flow Period                      Minutes 10 (E)                      P.S.I. to (F)                      P.S.I.  
 Final Closed In Period                      Minutes 60 (G)                      P.S.I.  
 Final Hydrostatic Pressure                      (H)                      P.S.I.

**WESTERN TESTING CO., INC.**  
**Pressure Data**

Date 2/20/79 Test Ticket No. 2483  
 Recorder No. 3085 Capacity 4500 Location 3024 Ft.  
 Clock No. -- Elevation 1313 Kelly Bushing Well Temperature 114 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1495 P.S.I.	Open Tool	1:30A	M
B First Initial Flow Pressure	330 P.S.I.	First Flow Pressure	20 Mins.	20 Mins.
C First Final Flow Pressure	337 P.S.I.	Initial Closed-in Pressure	60 Mins.	60 Mins.
D Initial Closed-in Pressure	988 P.S.I.	Second Flow Pressure		Mins.
E Second Initial Flow Pressure	P.S.I.	Final Closed-in Pressure		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		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>4</u> Inc.		Breakdown: <u>20</u> 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.
P 1	0	330	0	337			
P 2	5	332	3	474			
P 3	10	334	6	549			
P 4	15	336	9	607			
P 5	20	337	12	665			
P 6			15	713			
P 7			18	753			
P 8			21	790			
P 9			24	814			
P10			27	837			
P11			30	865			
P12			33	879			
P13			36	895			
P14			39	912			
P15			42	929			
P16			45	944			
P17			48	953			
P18			51	961			
P19			54	971			
P20			57	979			
			60	988			