



Home Office: Great Bend, Kansas

P. O. Box 793

GLadstone 3-7903

Elev. 1914' D.F.

Red Tiger Drilling Company

Lease & Well No. Bird Howard #1

Tkt. #2012

Date 11-14-62 Sec. 28 Twp. 32 Range 19 County Commanche State Kansas

Test Approved by D. F. Moore Western Representative Guy M. Knipe

Formation Test No. 1 O.K. X Misrun Interval Tested From 4858' to 4885' Total Depth 4885'
Size Main Hole 7 7/8" Rat Hole - Conv. - B.T. X Damaged - Yes X No Conv. X B.T. - Damaged - Yes X No
Packer Depth 4855 Ft. Size 6 3/4" Packer Depth 4858 Ft. Size 6 3/4"
Straddle Yes X No Conv. - B.T. - Damaged - Yes - No
Packer Depth - Ft. Size -
Tool Size 5 1/2" O.D. Tool Jt. Size 4 1/2" F.H. Anchor Length 27 Ft. Size 5 1/2" O.D.

RECORDERS Depth 4877 Ft. Clock No. 6806 Depth 4880 Ft. Clock No. -
Top Make Amerada Cap. 4200# No. 1558 Inside Outside Bottom Make Western Cap. 4000# No. 4 Inside Outside
Below Straddle: Depth - Clock No. - Inside Outside Depth - Ft. Clock No. - Inside Outside
Top Make - Cap. - No. - Inside Outside Bottom Make - Cap. - No. - Inside Outside

Time Set Packer 4:50 P
Tool Open I.F.P. From 4:52P M. to 4:57P M. - Hr. 5 Min. From (B) 45 P.S.I. To (C) 45 P.S.I.
Tool Closed I.C.I.P. From 4:57P M. to 5:27P M. - Hr. 30 Min. (D) 55 P.S.I.
Tool Open F.F.P. From 5:27P M. to 5:57P M. - Hr. 30 Min. From (E) 46 P.S.I. To (F) 51 P.S.I.
Tool Closed F.C.I.P. From 5:57P M. to 6:27P M. - Hr. 30 Min. (G) 56 P.S.I.
Initial Hydrostatic Pressure (A) 2671 P.S.I. Final Hydrostatic Pressure (H) 2652 P.S.I.

SURFACE Size Choke 3/4 In. Max. Press. P.S.I. Time Description of Flow
INFORMATION M. M. M.

BLOW Weak for 5 Mins. - Flushed - Few Bubbles - died Bottom Choke Size 3/4 in.

Did Well Flow Yes X No Recovery Total Ft. 25 Oil Gas Water

25' Drilling Mud

Reversed Out Yes X No Mud Type Starch Viscosity 40 Weight 9.6 Maximum Temp. 117 °F

EXTRA EQUIPMENT: Dual Packers Yes Safety Joint - Jars: Size 1 1/2" OD Make Bowen Ser. No. 2638

Type Circ. Sub. Plug Did Tool Plug? No Where? Did Packer Hold? Yes

Remarks 53' Tool
60' D.C. - 2 1/4" I.D.
1320' Wt. Pipe - 2.7" I.D.
3505' D.P. - 3.8" I.D.

WESTERN TESTING CO., INC. Pressure Data

Date 11-14-62 Test Ticket No. 2012
Recorder No. 1558 Capacity 4200# Location 4877 Ft.
Clock No. 6806 Elevation 1914' D.F. Well Temperature 117 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2671</u> P.S.I.	Opened Tool	<u>4:52 P</u>	<u>4:52 PM</u>
B First Initial Flow Pressure	<u>45</u> P.S.I.	First Flow Pressure	<u>5</u> Mins.	<u>5</u> Mins.
C First Final Flow Pressure	<u>45</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>55</u> P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>46</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>31</u> Mins.
F Second Final Flow Pressure	<u>51</u> P.S.I.			
G Final Closed-in Pressure	<u>56</u> P.S.I.			
H Final Hydrostatic Mud	<u>2652</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Press.	Initial Shut-In	Second Flow Pressure	Final Shut-In
Breakdown: <u>1</u> Inc.	Breakdown: <u>10</u> Inc.	Breakdown: <u>8</u> Inc.	Breakdown: <u>10</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>-</u> Min.	final inc. of <u>-</u> Min.	final inc. of <u>-</u> Min.	final inc. of <u>1</u> Min.

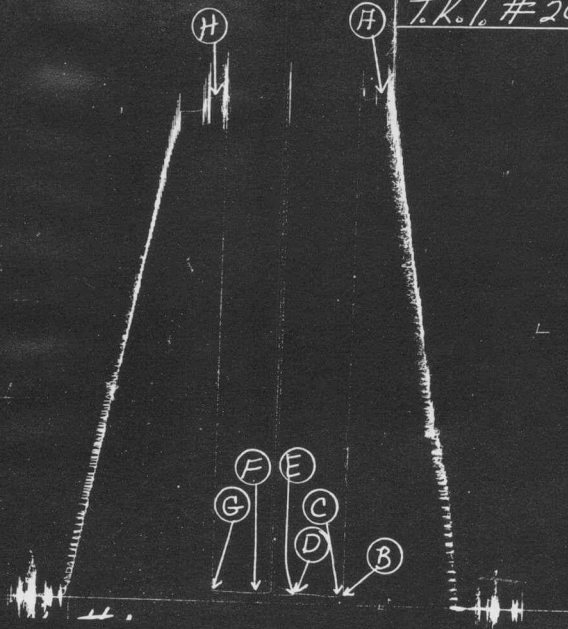
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>45</u>	<u>0</u>	<u>45</u>	<u>0</u>	<u>46</u>	<u>0</u>	<u>51</u>
P 2 <u>5</u>	<u>45</u>	<u>3</u>	<u>45</u>	<u>5</u>	<u>46</u>	<u>3</u>	<u>51</u>
P 3		<u>6</u>	<u>45</u>	<u>10</u>	<u>46</u>	<u>6</u>	<u>51</u>
P 4		<u>9</u>	<u>45</u>	<u>15</u>	<u>46</u>	<u>9</u>	<u>51</u>
P 5		<u>12</u>	<u>46</u>	<u>20</u>	<u>50</u>	<u>12</u>	<u>52</u>
P 6		<u>15</u>	<u>49</u>	<u>25</u>	<u>50</u>	<u>15</u>	<u>53</u>
P 7		<u>18</u>	<u>51</u>	<u>30</u>	<u>51</u>	<u>18</u>	<u>54</u>
P 8		<u>21</u>	<u>52</u>			<u>21</u>	<u>54</u>
P 9		<u>24</u>	<u>53</u>			<u>24</u>	<u>54</u>
P10		<u>27</u>	<u>54</u>			<u>27</u>	<u>55</u>
P11		<u>30</u>	<u>55</u>			<u>30</u>	<u>56</u>
P12						<u>31</u>	<u>56</u>
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

Red Tiger Dr/g. Co.

Bird-Howard #1

Test #1

T.K.T. #2012





Home Office: Great Bend, Kansas

P. O. Box 793

GLadstone 3-7903

Elev. 1914' D.F.

Red Tiger Drilling Company

Bird Howard #1

Tkt. #2013

Company _____ Lease & Well No. _____

Date 11-16-62 Sec. 28 Twp. 32 Range 19 County Comanche State Kansas

Test Approved by D. F. Moore Western Representative Guy M. Knipe

Formation Test No. 2 O.K. X Misrun - Interval Tested From 5056' to 5090' Total Depth 5090'
Size Main Hole 7 7/8" Rat Hole - Conv. - B.T. X Damaged - Yes X No - Conv. X B.T. - Damaged X Yes - No -
Packer Depth 5053 Ft. Size 6 3/4" Packer Depth 5056 Ft. Size 6 3/4"
Straddle X Yes - No - Conv. - B.T. - Damaged - Yes - No -
Tool Size 5 1/2" O.D. Tool Jt. Size 4 1/2" P.H. Anchor Length 34 Ft. Size 5 1/2" O.D.

RECORDERS Depth 5081 Ft. Clock No. 6806 Depth 5084 Ft. Clock No. -
Top Make Amerada Cap. 4200# No. 1558 Inside - Outside - Bottom Make Western Cap. 4000# No. 4 Inside - Outside -
Below Straddle: Depth - Clock No. - Inside - Outside - Depth - Ft. Clock No. - Inside - Outside -
Top Make - Cap. - No. - Outside - Bottom Make - Cap. - No. - Outside -

Time Set Packer 9:29A
Tool Open I.F.P. From 9:33A M. to 9:48A M. Hr. 15 Min. From (B) 64 P.S.I. To (C) 64 P.S.I.
Tool Closed I.C.I.P. From 9:48A M. to 10:18A M. Hr. 30 Min. (D) 760 P.S.I.
Tool Open F.F.P. From 10:18A M. to 11:18A M. Hr. 1 Min. From (E) 48 P.S.I. To (F) 48 P.S.I.
Tool Closed F.C.I.P. From 11:18A M. to 11:48A M. Hr. 30 Min. (G) 699 P.S.I.
Initial Hydrostatic Pressure (A) 2799 P.S.I. Final Hydrostatic Pressure (H) 2783 P.S.I.

SURFACE Size Choke 3/4 In. Max. Press. P.S.I. Time Description of Flow
INFORMATION _____ M. _____
_____ M. _____
_____ M. _____

BLOW Strong blow-gas to sur. in 27 mins. Too small to gauge Bottom Choke Size 3/4 in.

Did Well Flow X Yes - No - Recovery Total Ft. 70 Oil _____ Gas _____ Water _____

Reversed Out X Yes - No - Mud Type Starch Viscosity 40 Weight 10.1 Maximum Temp. 117 °F

EXTRA EQUIPMENT: Dual Packers Plug Safety Joint No Jars: Size 4 1/2" OD Make Bowen Ser. No. 2638

Type Circ. Sub. _____ Did Tool Plug? _____ Where? _____ Did Packer Hold? Yes

Remarks 59' Tool
60' D.C. - 2 1/4" I.D.
1320' Wt. Pipe - 2.7" I.D.
3651' D.P. - 3.8" I.D.

WESTERN TESTING CO., INC. Pressure Data

Date 11-16-62 Test Ticket No. 2013
 Recorder No. 1558 Capacity 4200# Location 5081 Ft.
 Clock No. 6806 Elevation 1914' D.F. Well Temperature 117 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2799</u> P.S.I.	Opened Tool	<u>9:29A</u> M	<u>9:29 AM</u>
B First Initial Flow Pressure	<u>64</u> P.S.I.	First Flow Pressure	<u>15</u> Mins.	<u>15</u> Mins.
C First Final Flow Pressure	<u>64</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>31</u> Mins.
D Initial Closed-in Pressure	<u>760</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>48</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>48</u> P.S.I.			
G Final Closed-in Pressure	<u>699</u> P.S.I.			
H Final Hydrostatic Mud	<u>2783</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Press. Breakdown: <u>3</u> Inc. of <u>5</u> mins. and a final inc. of <u>-</u> Min.	Initial Shut-In Breakdown: <u>10</u> Inc. of <u>3</u> mins. and a final inc. of <u>1</u> Min.	Second Flow Pressure Breakdown: <u>12</u> Inc. of <u>5</u> mins. and a final inc. of <u>-</u> Min.	Final Shut-In Breakdown: <u>10</u> Inc. of <u>3</u> mins. and a final inc. of <u>-</u> Min.
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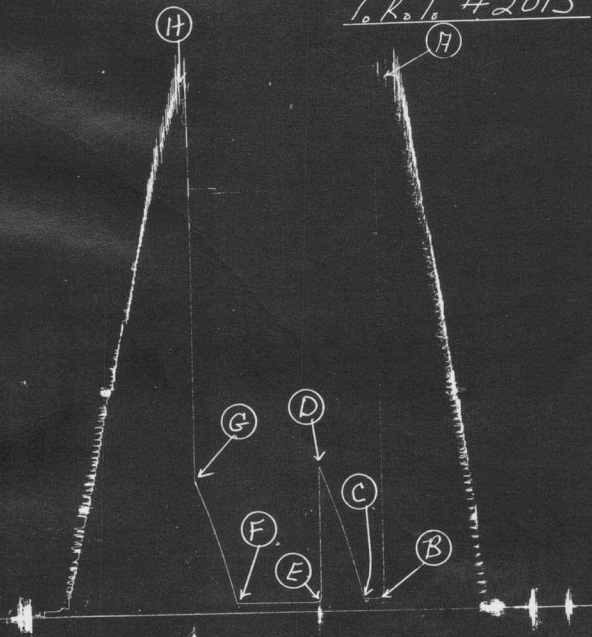
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>64</u>	<u>0</u>	<u>64</u>	<u>0</u>	<u>48</u>	<u>0</u>	<u>48</u>
P 2 <u>5</u>	<u>64</u>	<u>3</u>	<u>149</u>	<u>5</u>	<u>48</u>	<u>3</u>	<u>131</u>
P 3 <u>10</u>	<u>64</u>	<u>6</u>	<u>234</u>	<u>10</u>	<u>48</u>	<u>6</u>	<u>209</u>
P 4 <u>15</u>	<u>64</u>	<u>9</u>	<u>306</u>	<u>15</u>	<u>48</u>	<u>9</u>	<u>281</u>
P 5		<u>12</u>	<u>382</u>	<u>20</u>	<u>48</u>	<u>12</u>	<u>354</u>
P 6		<u>15</u>	<u>444</u>	<u>25</u>	<u>48</u>	<u>15</u>	<u>417</u>
P 7		<u>18</u>	<u>508</u>	<u>30</u>	<u>48</u>	<u>18</u>	<u>482</u>
P 8		<u>21</u>	<u>569</u>	<u>35</u>	<u>48</u>	<u>21</u>	<u>544</u>
P 9		<u>24</u>	<u>627</u>	<u>40</u>	<u>48</u>	<u>24</u>	<u>600</u>
P 10		<u>27</u>	<u>687</u>	<u>45</u>	<u>48</u>	<u>27</u>	<u>656</u>
P 11		<u>30</u>	<u>737</u>	<u>50</u>	<u>48</u>	<u>30</u>	<u>699</u>
P 12		<u>31</u>	<u>760</u>	<u>55</u>	<u>48</u>		
P 13				<u>60</u>	<u>48</u>		
P 14							
P 15							
P 16							
P 17							
P 18							
P 19							
P 20							

Red Tiger Drlg.

Brnd-Howard #1

Test # 2

T.K.T. #2013





Home Office: Great Bend, Kansas

P. O. Box 793

GLadstone 3-7903

Elev. 1924' D.F.

Company Red Tiger Drilling Lease & Well No. Bird Howard #1 Tkt. #2014

Date 11-17-62 Sec. 28 Twp. 32 Range 19 County Comanche State Kansas

Test Approved by D. F. Moore Western Representative Guy M. Knipe

Formation Test No. 3 O.K. ☒ Misrun ☐ Interval Tested From 5090' to 5140' Total Depth 5140'
Size Main Hole 7 7/8" Rat Hole ☐ Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No
Packer Depth 5087 Ft. Size 6 3/4" Packer Depth 5090 Ft. Size 6 3/4"
Straddle ☐ Yes ☒ No Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No
Packer Depth 5087 Ft. Size 6 3/4"
Tool Size 5 1/2" O.D. Tool Jt. Size 4 1/2" F.H. Anchor Length 50 Ft. Size 5 1/2" O.D.

RECORDERS Depth 5131 Ft. Clock No. 6806 Depth 5134 Ft. Clock No. -
Top Make Amerada Cap. 4200# No. 1558 Inside Outside Bottom Make Western Cap. 4000# No. 4 Inside Outside
Below Straddle: Depth 5131 Ft. Clock No. 6806 Inside Outside Depth 5134 Ft. Clock No. - Inside Outside
Top Make Amerada Cap. 4200# No. 1558 Inside Outside Bottom Make Western Cap. 4000# No. 4 Inside Outside

Time Set Packer 5:12 AM
Tool Open I.F.P. From 5:15A M. to 5:23A M. - Hr. 8 Min. From (B) 94 P.S.I. To (C) 74 P.S.I.
Tool Closed I.C.I.P. From 5:23A M. to 5:54A M. - Hr. 31 Min. (D) 1595 P.S.I.
Tool Open F.F.P. From 5:54A M. to 6:54A M. 1 Hr. - Min From (E) 60 P.S.I. To (F) 67 P.S.I.
Tool Closed F.C.I.P. From 6:54A M. to 7:24A M. - Hr. 30 Min. (G) 1531 P.S.I.
Initial Hydrostatic Pressure (A) 2835 P.S.I. Final Hydrostatic Pressure (H) 2830 P.S.I.

SURFACE Size Choke 3/4 In. Max. Press. P.S.I. Time Description of Flow
INFORMATION Strong, gas to sur. in 7 mins. Too small to gauge Bottom Choke Size 3/4 in.

BLOW Strong, gas to sur. in 7 mins. Too small to gauge Bottom Choke Size 3/4 in.
Did Well Flow ☒ Yes ☐ No Recovery Total Ft. 70 Oil 70 Gas 70 Water 70

70' Gas cut drilling mud Mud 70
Reversed Out ☐ Yes ☒ No Mud Type Starch Viscosity 44 Weight 9.8 Maximum Temp. 120 °F
EXTRA EQUIPMENT: Dual Packers Yes Safety Joint - Jars: Size 4 1/2" Make Bowen Ser. No. 2638
Type Circ. Sub. Plug Did Tool Plug? No Where? - Did Packer Hold? Yes

Remarks 76' Tool
60' D.C. 2 1/2" I.D.
1320' W.P. - 2.7" I.D.
3684' D.P. - 3.8" I.D.

WESTERN TESTING CO., INC. Pressure Data

Date 11-17-62 Test Ticket No. 2014
Recorder No. 1558 Capacity 4200# Location 5131 Ft.
Clock No. 6806 Elevation 1914' D.F. Well Temperature 120 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2835</u>	P.S.I.	<u>5:15A</u>	<u>5:15 AM</u>
B First Initial Flow Pressure	<u>94</u>	P.S.I.	<u>8</u> Mins.	<u>8</u> Mins.
C First Final Flow Pressure	<u>74</u>	P.S.I.	<u>31</u> Mins.	<u>35</u> Mins.
D Initial Closed-in Pressure	<u>1595</u>	P.S.I.	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>60</u>	P.S.I.	<u>30</u> Mins.	<u>34</u> Mins.
F Second Final Flow Pressure	<u>67</u>	P.S.I.		
G Final Closed-in Pressure	<u>1531</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2820</u>	P.S.I.		

PRESSURE BREAKDOWN

First Flow Press. Breakdown: 1 Inc. of 5 mins. and a final inc. of 3 Min.
Initial Shut-In Breakdown: 11 Inc. of 3 mins. and a final inc. of 2 Min.
Second Flow Pressure Breakdown: 12 Inc. of 5 mins. and a final inc. of - Min.
Final Shut-In Breakdown: 11 Inc. of 3 mins. and a final inc. of 1 Min.

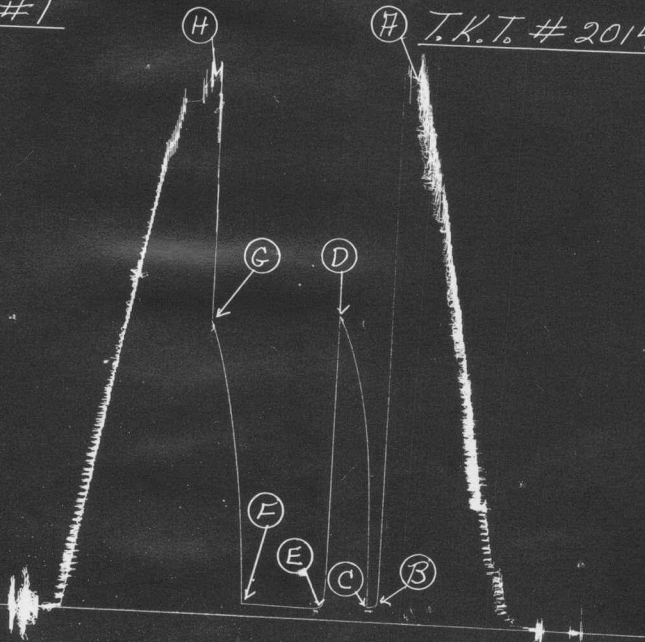
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>94</u>	<u>0</u>	<u>74</u>	<u>0</u>	<u>60</u>	<u>0</u>	<u>67</u>
P 2 <u>5</u>	<u>78</u>	<u>3</u>	<u>464</u>	<u>5</u>	<u>60</u>	<u>3</u>	<u>386</u>
P 3 <u>8</u>	<u>74</u>	<u>6</u>	<u>735</u>	<u>10</u>	<u>60</u>	<u>6</u>	<u>593</u>
P 4		<u>9</u>	<u>915</u>	<u>15</u>	<u>61</u>	<u>9</u>	<u>735</u>
P 5		<u>12</u>	<u>1048</u>	<u>20</u>	<u>61</u>	<u>12</u>	<u>857</u>
P 6		<u>15</u>	<u>1152</u>	<u>25</u>	<u>62</u>	<u>15</u>	<u>974</u>
P 7		<u>18</u>	<u>1246</u>	<u>30</u>	<u>63</u>	<u>18</u>	<u>1076</u>
P 8		<u>21</u>	<u>1323</u>	<u>35</u>	<u>63</u>	<u>21</u>	<u>1177</u>
P 9		<u>24</u>	<u>1395</u>	<u>40</u>	<u>64</u>	<u>24</u>	<u>1265</u>
P10		<u>27</u>	<u>1456</u>	<u>45</u>	<u>64</u>	<u>27</u>	<u>1356</u>
P11		<u>30</u>	<u>1513</u>	<u>50</u>	<u>65</u>	<u>30</u>	<u>1434</u>
P12		<u>33</u>	<u>1568</u>	<u>55</u>	<u>66</u>	<u>33</u>	<u>1500</u>
P13		<u>35</u>	<u>1595</u>	<u>60</u>	<u>67</u>	<u>34</u>	<u>1531</u>
P14							
P15							
P16							
P17							
P18							
P19							
P20							

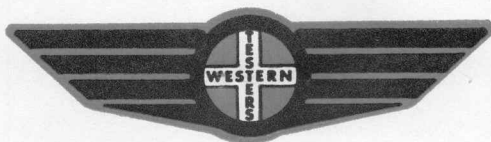
Red Tiger Drlg.

Bird Howard #1

Test #3

T.K.T. # 2014





Home Office: Great Bend, Kansas

P. O. Box 793

GLadstone 3-7903 Elev. 1917' R.B.

Company Red Tiger Drilling Company

Lease & Well No. Bird Howard #1

Tkt. #2015

Date 11-18-62 Sec. 28 Twp. 32 Range 19 County Commanche State Kansas

Test Approved by D. F. Moore Western Representative Guy M. Knipe

Formation Test No. 4 O.K. ☒ Misrun ☐ Interval Tested From 5200' to 5225' Total Depth 5225'
Size Main Hole 7 7/8" Rat Hole ☐ Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No
Packer Depth 5197 Ft. Size 6 3/4" Packer Depth 5200' Ft. Size 6 3/4"
Straddle ☐ Yes ☒ No Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No
Packer Depth 5197 Ft. Size 6 3/4"
Tool Size 5 1/2" O.D. Tool Jt. Size 4 1/2" F.H. Anchor Length 25 Ft. Size 5 1/2" O.D.

RECORDERS Depth 5217 Ft. Clock No. 6806 Depth 5220 Ft. Clock No. -
Top Make Amerada Cap. 4200' No. 1558 Inside Outside Bottom Make Western Cap. 4000' No. 4 Inside Outside
Below Straddle: Depth 5217 Ft. Clock No. 6806 Inside Outside Depth 5220 Ft. Clock No. - Inside Outside
Top Make Amerada Cap. 4200' No. 1558 Inside Outside Bottom Make Western Cap. 4000' No. 4 Inside Outside

Time Set Packer 6:23A M
Tool Open I.F.P. From 6:25A M. to 6:41A M. - Hr. 16 Min. From (B) 63 P.S.I. To (C) 67 P.S.I.
Tool Closed I.C.I.P. From 6:41A M. to 7:11A M. - Hr. 31 Min. (D) 891 P.S.I.
Tool Open F.F.P. From 7:11A M. to 8:12A M. 1 Hr. 1 Min From (E) 69 P.S.I. To (F) 107 P.S.I.
Tool Closed F.C.I.P. From 8:12A M. to 8:42A M. - Hr. 30 Min. (G) 843 P.S.I.
Initial Hydrostatic Pressure (A) 2863 P.S.I. Final Hydrostatic Pressure (H) 2836 P.S.I.

SURFACE Size Choke 3/4 In. Max. Press. P.S.I. Time Description of Flow
INFORMATION Strong blow Bottom Choke Size 3/4 in.

BLOW Strong blow Bottom Choke Size 3/4 in.

Did Well Flow ☒ Yes ☐ No Recovery Total Ft. 240 Oil 120' Gas 3180' Water 60' Mud 60'

Reversed Out ☒ Yes ☐ No Mud Type Starch Viscosity 46 Weight 10 Maximum Temp. 122 °F

EXTRA EQUIPMENT: Dual Packers Yes Safety Joint - Jars: Size 4 1/2" Make Bowen Ser. No. 2638

Type Circ. Sub. Plug Did Tool Plug? No Where? - Did Packer Hold? Yes

Remarks

51' Tool
60' D.C. - 2 1/2" Bore
1320' Wt. Pipe - 2.7" I.D.
3794' D.P. - 3.8" I.D.

WESTERN TESTING CO., INC.

Pressure Data

Date 11-18-62 Test Ticket No. 2015
 Recorder No. 1558 Capacity 4200# Location 5217 Ft.
 Clock No. 6806 Elevation 1917' R.B. Well Temperature 122 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2863</u>	P.S.I.	<u>6:25A</u>	<u>6:25 AM</u>
B First Initial Flow Pressure	<u>63</u>	P.S.I.	<u>16</u> Mins.	<u>16</u> Mins.
C First Final Flow Pressure	<u>67</u>	P.S.I.	<u>31</u> Mins.	<u>31</u> Mins.
D Initial Closed-in Pressure	<u>891</u>	P.S.I.	<u>61</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>69</u>	P.S.I.	<u>30</u> Mins.	<u>31</u> Mins.
F Second Final Flow Pressure	<u>107</u>	P.S.I.		
G Final Closed-in Pressure	<u>843</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2836</u>	P.S.I.		

PRESSURE BREAKDOWN

First Flow Press. Breakdown: 3 Inc. of 5 mins. and a final inc. of 1 Min.
Initial Shut-In Breakdown: 10 Inc. of 3 mins. and a final inc. of 1 Min.
Second Flow Pressure Breakdown: 12 Inc. of 5 mins. and a final inc. of - Min.
Final Shut-In Breakdown: 10 Inc. of 3 mins. and a final inc. of 1 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>63</u>	<u>0</u>	<u>67</u>	<u>0</u>	107 <u>69</u>	<u>0</u>	<u>107</u>
P 2 <u>5</u>	<u>66</u>	<u>3</u>	<u>94</u>	<u>5</u>	<u>69</u>	<u>3</u>	<u>159</u>
P 3 <u>10</u>	<u>66</u>	<u>6</u>	<u>154</u>	<u>10</u>	<u>71</u>	<u>6</u>	<u>223</u>
P 4 <u>12</u>	<u>67</u>	<u>9</u>	<u>223</u>	<u>15</u>	<u>75</u>	<u>9</u>	<u>285</u>
P 5 <u>16</u>	<u>67</u>	<u>12</u>	<u>295</u>	<u>20</u>	<u>80</u>	<u>12</u>	<u>351</u>
P 6		<u>15</u>	<u>371</u>	<u>25</u>	<u>85</u>	<u>15</u>	<u>419</u>
P 7		<u>18</u>	<u>455</u>	<u>30</u>	<u>89</u>	<u>18</u>	<u>495</u>
P 8		<u>21</u>	<u>540</u>	<u>35</u>	<u>92</u>	<u>21</u>	<u>568</u>
P 9		<u>24</u>	<u>634</u>	<u>40</u>	<u>93</u>	<u>24</u>	<u>643</u>
P10		<u>27</u>	<u>738</u>	<u>45</u>	<u>97</u>	<u>27</u>	<u>727</u>
P11		<u>30</u>	<u>849</u>	<u>50</u>	<u>100</u>	<u>30</u>	<u>820</u>
P12		<u>31</u>	<u>891</u>	<u>55</u>	<u>103</u>	<u>31</u>	<u>843</u>
P13				<u>60</u>	<u>107</u>		
P14							
P15							
P16							
P17							
P18							
P19							
P20							

Red Tiger Dr/g.

Bird Howard #1

Test # 4

T.K.T. # 2015

