



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

Company Vincent Oil Corporation Lease & Well No. Dieffenbacher #1
Elevation 1443 Kelly Bushing Formation Mississippi Effective Pay - Ft. Ticket No. 21974
Date 7-4-77 Sec. 36 Twp. 27S Range 5W County Kingman State Kansas
Test Approved by H. Deane Jirrels Western Representative Sam McClune
Formation Test No. 1 O.K. ☒ Misrun ☐ Interval Tested From 3757' to 3785' Total Depth 3785'
Size Main Hole 77/8 Rat Hole ☐ Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No
Top Packer Depth 3752 Ft. Size 6 3/4 Bottom Packer Depth 3757 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 28 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 3762 Ft. Clock No. 6800 Depth 3765 Ft. Clock No. 6896
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 3:33 AM
Tool Open I.F.P. From 3:35 AM to 4:05 AM - Hr. 30 Min. From (B) 36 P.S.I. To (C) 56 P.S.I.
Tool Closed I.C.I.P. From 4:05 AM to 4:35 AM - Hr. 30 Min (D) 839 P.S.I.
Tool Open F.F.P. From 4:35 AM to 5:05 AM - Hr. 30 Min. From (E) 44 P.S.I. To (F) 61 P.S.I.
Tool Closed F.C.I.P. From 5:05 AM to 5:35 AM - Hr. 30 Min. (G) 645 P.S.I.
Initial Hydrostatic Pressure (A) 2004 P.S.I. Final Hydrostatic Pressure (H) 1998 P.S.I. Maximum Temp. 119

INFORMATION

BLOW Strong blow throughout test. Gas to surface on initial closed in period. See attached sheet for gas measurements.

Did Well Flow ☒ Yes - No Recovery Total Ft. 100' gassy mud, 60' thin gassy mud, 160' total fluid, 3577' gas in pipe.

Reversed Out ☐ Yes ☐ No Mud Type starch Viscosity 42 Weight 10.1 Water Loss 13.8 cc. Chlorides 61,000 P.P.M.

EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint ☐ Jars: Size ☐ In. Make ☐ Ser. No. ☐

Dual Packer ☐ yes Did Packers Hold? ☐ yes Did Tool Plug? ☐ no Where? ☐

DRILLING CONTRACTOR Big Springs Drlg. Co. Length Drill Pipe? 3437 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 FH In.

Length Weight Pipe 500 Ft. I.D. Weight Pipe 2.4 In. Tool Joint Size 4 1/2 H90 In. Length Drill Collars ☐ Ft. I.D. Drill Collars ☐

Tool Joint Size ☐ In. Length D.S.T. Tool 48 Ft.

Remarks:



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GAS FLOW REPORT

Date 7-4-77 Ticket 21974 Company Vincent Oil Corporation
Well Name and No. Dieffenbacher #1 Dst No. 1 Interval Tested 3757' - 3785'
County Kingman State Kansas Sec. 36 Twp. 27S Rg. 5W

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						

SECOND FLOW						
4:35AM	0 min.	4 inches	of water		1/8"choke	10,600 C.F.P.D.
4:40AM	5 min.	6 inches	of water		1/8"choke	12,900 C.F.P.D.
4:45AM	10 min.	11 inches	of water		1/8"choke	17,500 C.F.P.D.
4:50AM	15 min.	14 inches	of water		1/8"choke	19,800 C.F.P.D.
4:55AM	20 min.	15 inches	of water		1/8"choke	20,500 C.F.P.D.
5:00AM	25 min.	14 inches	of water		1/8"choke	19,800 C.F.P.D.
5:05AM	30 min.	14 inches	of water		1/8"choke	19,800 C.F.P.D.

GAS BOTTLE

Serial No. _____ Date Bottle Filled 7-4-77 Date to be Invoiced 7-4-77

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 Vincent Oil Corporation

Authorized by H. Deane Jirrels

WESTERN TESTING CO., INC.

Pressure Data

Date 7-4-77 Test Ticket No. 21974
 Recorder No. 1558 Capacity 4200 Location 3762 Ft.
 Clock No. 6800 Elevation 1443 Kelly Bushing Well Temperature 119 °F

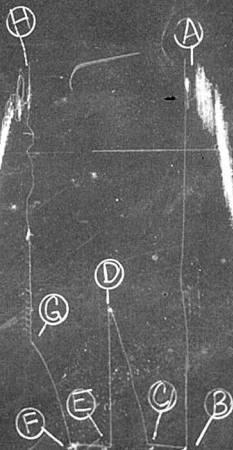
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2004 P.S.I.	Open Tool	3:33 A.M.	
B First Initial Flow Pressure	36 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	56 P.S.I.	Initial Closed-in Pressure	30 Mins.	30 Mins.
D Initial Closed-in Pressure	839 P.S.I.	Second Flow Pressure	30 Mins.	30 Mins.
E Second Initial Flow Pressure	44 P.S.I.	Final Closed-in Pressure	30 Mins.	30 Mins.
F Second Final Flow Pressure	61 P.S.I.			
G Final Closed-in Pressure	645 P.S.I.			
H Final Hydrostatic Mud	1998 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u>6</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>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>36</u>	<u>0</u>	<u>56</u>	<u>0</u>	<u>44</u>	<u>0</u>	<u>61</u>
P 2 <u>5</u>	<u>36</u>	<u>3</u>	<u>177</u>	<u>5</u>	<u>46</u>	<u>3</u>	<u>158</u>
P 3 <u>10</u>	<u>40</u>	<u>6</u>	<u>276</u>	<u>10</u>	<u>51</u>	<u>6</u>	<u>240</u>
P 4 <u>15</u>	<u>45</u>	<u>9</u>	<u>344</u>	<u>15</u>	<u>55</u>	<u>9</u>	<u>321</u>
P 5 <u>20</u>	<u>48</u>	<u>12</u>	<u>430</u>	<u>20</u>	<u>57</u>	<u>12</u>	<u>386</u>
P 6 <u>25</u>	<u>53</u>	<u>15</u>	<u>529</u>	<u>25</u>	<u>60</u>	<u>15</u>	<u>443</u>
P 7 <u>30</u>	<u>56</u>	<u>18</u>	<u>589</u>	<u>30</u>	<u>61</u>	<u>18</u>	<u>494</u>
P 8		<u>21</u>	<u>666</u>			<u>21</u>	<u>537</u>
P 9		<u>24</u>	<u>739</u>			<u>24</u>	<u>579</u>
P10		<u>27</u>	<u>800</u>			<u>27</u>	<u>610</u>
P11		<u>30</u>	<u>839</u>			<u>30</u>	<u>645</u>
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

TK+ #21974

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Company Vincent Oil Corporation Lease & Well No. Dieffenbacher #1
Elevation 1443 Kelly Bushing Formation Mississippi Effective Pay - Ft. Ticket No. 21975
Date 7-4-77 Sec. 36 Twp. 27S Range 5W County Kingman State Kansas
Test Approved by H. Deane Jirrels Western Representative Sam McClune
Formation Test No. 2 O.K. X Misrun - Interval Tested From 3785' to 3805' Total Depth 3805'
Size Main Hole 77/8 Rat Hole - Conv. X B.T. - Damaged - Yes X No Conv. - B.T. X Damaged - Yes X No
Top Packer Depth 3780 Ft. Size 6 3/4 Bottom Packer Depth 3785 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 20 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 3790 Ft. Clock No. 6800 Depth 3793 Ft. Clock No. 6896
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 5:13 P M
Tool Open I.F.P. From 5:15P M. to 5:45P M. - Hr. 30 Min. From (B) 42 P.S.I. To (C) 84 P.S.I.
Tool Closed I.C.I.P. From 5:45 M. to 6:15P M. - Hr. 30 Min (D) 1079 P.S.I.
Tool Open F.F.P. From 6:15P M. to 6:45P M. - Hr. 30 Min. From (E) 80 P.S.I. To (F) 114 P.S.I.
Tool Closed F.C.I.P. From 6:45 M. to 7:15P M. - Hr. 30 Min. (G) 1018 P.S.I.
Initial Hydrostatic Pressure (A) 2042 P.S.I. Final Hydrostatic Pressure (H) 2042 P.S.I. Maximum Temp. 121

INFORMATION

BLOW Strong blow throughout test. Gas to surface in 20 minutes on initial flow period.
See attached sheet for gas measurements.
Did Well Flow X Yes - No Recovery Total Ft. 60' thin watery mud with spots of oil, 180' muddy saltwater.
60' muddy saltwater with good scum of oil, 60' muddy saltwater and fair scum of oil, 360'
total fluid.
Reversed Out - Yes X No Mud Type starch Viscosity 45 Weight 10.0 Water Loss 10.4 cc. Chlorides 61,000 P.P.M.
EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint - Jars: Size - In. Make - Ser. No. -
Dual Packer yes Did Packers Hold? yes Did Tool Plug? no Where? -
DRILLING CONTRACTOR Big Springs Drlg. Co. Length Drill Pipe? 3457 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 FH In.
Length Weight Pipe 300 Ft. I.D. Weight Pipe 2.4 In. Tool Joint Size 4 1/2 H90 In. Length Drill Collars - Ft. I.D. Drill Collars - In.
Tool Joint Size - In. Length D.S.T. Tool 40 Ft.
Remarks: Final flow period guaged to 29,400 C.F.P.D. then started to decline.



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GAS FLOW REPORT

Date 7-4-77 Ticket 21975 Company Vincent Oil Corporation
Well Name and No. Dieffenbacher #1 Dst No. 2 Interval Tested 3785' - 3805'
County Kingman State Kansas Sec. 36 Twp. 27S Rg. 5W

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
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PRE FLOW

5:35PM	0 min.	14 inches	of water		1/8"choke	1,980 C.F.P.D.
5:40PM	5 min.	32 inches	of water		1/8"choke	2,990 C.F.P.D.
5:45PM	10 min.	15 inches	of water		1/2" choke	24,500 C.F.P.D.

SECOND FLOW

6:15PM	0 min.	0				Open tool
6:20PM	5 min.	19 inches	of water		1/2" choke	27,300 C.F.P.D.
6:25PM	10 min.	22 inches	of water		1/2" choke	29,400 C.F.P.D.
6:30PM	15 min.	20 inches	of water		1/2" choke	28,000 C.F.P.D.
6:35PM	20 min.	19 inches	of water		1/2" choke	27,300 C.F.P.D.
6:40PM	25 min.	16 inches	of water		1/2" choke	25,100 C.F.P.D.
6:45PM	30 min.	15 inches	of water		1/2" choke	24,500 C.F.P.D.

GAS BOTTLE

Serial No. _____ Date Bottle Filled 7-4-77 Date to be Invoiced 7-4-77

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 Vincent Oil Corporation

Authorized by H. Deane Jirrels

WESTERN TESTING CO., INC.

Pressure Data

Date 7-4-77 Test Ticket No. 21975
 Recorder No. 1558 Capacity 4200 Location 3790 Ft.
 Clock No. 6800 Elevation 1443 Kelly Bushing Well Temperature 121 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2042</u> P.S.I.	Open Tool	<u>5:13</u> P _M	
B First Initial Flow Pressure	<u>42</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>84</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>1079</u> P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>80</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>114</u> P.S.I.			
G Final Closed-in Pressure	<u>1018</u> P.S.I.			
H Final Hydrostatic Mud	<u>2042</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>10</u> Inc.		Breakdown: <u>6</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>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>42</u>	<u>0</u>	<u>84</u>	<u>0</u>	<u>80</u>	<u>0</u>	<u>114</u>
P 2 <u>5</u>	<u>46</u>	<u>3</u>	<u>230</u>	<u>5</u>	<u>93</u>	<u>3</u>	<u>319</u>
P 3 <u>10</u>	<u>59</u>	<u>6</u>	<u>460</u>	<u>10</u>	<u>97</u>	<u>6</u>	<u>544</u>
P 4 <u>15</u>	<u>70</u>	<u>9</u>	<u>673</u>	<u>15</u>	<u>99</u>	<u>9</u>	<u>718</u>
P 5 <u>20</u>	<u>80</u>	<u>12</u>	<u>829</u>	<u>20</u>	<u>108</u>	<u>12</u>	<u>831</u>
P 6 <u>25</u>	<u>80</u>	<u>15</u>	<u>929</u>	<u>25</u>	<u>111</u>	<u>15</u>	<u>898</u>
P 7 <u>30</u>	<u>84</u>	<u>18</u>	<u>990</u>	<u>30</u>	<u>114</u>	<u>18</u>	<u>941</u>
P 8		<u>21</u>	<u>1028</u>			<u>21</u>	<u>971</u>
P 9		<u>24</u>	<u>1052</u>			<u>24</u>	<u>992</u>
P 10		<u>27</u>	<u>1070</u>			<u>27</u>	<u>1009</u>
P 11		<u>30</u>	<u>1079</u>			<u>30</u>	<u>1018</u>
P 12							
P 13							
P 14							
P 15							
P 16							
P 17							
P 18							
P 19							
P 20							

TKA# 21975

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