



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

Company Vincent Oil Corporation Lease & Well No. Schrag "C" #1
Elevation - Formation Mississippi Effective Pay - Ft. Ticket No. 501
Date 7-28-78 Sec. 18 Twp. 22S Range 2W County Harvey State Kansas
Test Approved by Dick Jordan Western Representative Jim Wondra
Formation Test No. 1 Interval Tested from 3155 ft. to 3196 ft. Total Depth 3196 ft.
Packer Depth 3150 ft. Size 6 3/4 in. Packer Depth 3155 ft. Size 6 3/4 in.
Packer Depth - ft. Size - in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) 3186 ft. Recorder Number 969 Cap. 4150
Bottom Recorder Depth (Outside) 3189 ft. Recorder Number 2603 Cap. 4400
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor Sterling Drlg. (#1) Drill Collar Length 301 I. D. 2 1/4 in.
Mud Type - Viscosity 45 Weight Pipe Length 430 I. D. 2.7 in.
Weight 9.5 Water Loss 8.4 cc. Drill Pipe Length 2403 I. D. 3.8 in.
Chlorides 1,900 P.P.M. Test Tool Size 5 1/2 OD in. Tool Joint Size 4 1/2 FH in.
Jars: Make - Serial Number - Anchor Length 41 ft. Size 5 1/2 OD in.
Did Well Flow? Yes Reversed Out - Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
Main Hole Size 7 7/8 in.

Blow: Strong blow throughout test. Gas to surface in 13 minutes on preflow. See attached sheet for gas measurements.

Recovered 60 ft. of gassy drilling mud.

Recovered - ft. of -

Recovered - ft. of -

Recovered - ft. of -

Recovered - ft. of -

Remarks: -

Time Set Packer(s) 8:00 ~~A.M.~~ P.M. Time Started Off Bottom 12:30 ~~A.M.~~ P.M. Maximum Temperature 118
Initial Hydrostatic Pressure 1623 P.S.I. (A)
Initial Flow Period 60 Minutes (B) 67 P.S.I. to (C) 65 P.S.I.
Initial Closed In Period 45 Minutes (D) 943 P.S.I.
Final Flow Period 120 Minutes (E) 78 P.S.I. to (F) 60 P.S.I.
Final Closed In Period 45 Minutes (G) 807 P.S.I.
Final Hydrostatic Pressure 1606 P.S.I. (H)

Phone 316 262-5861
316 838-0601



P. O. Box 1599
WICHITA, KANSAS 67201

GAS FLOW REPORT

Date 7-28-78 Ticket 501 Company Vincent Oil Corporation
Well Name and No. Schrag "C" #1 Dst No. 1 Interval Tested 3155' - 3196'
County Harvey State Kansas Sec. 18 Twp. 22S Rg. 2W

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						
	10 min.	16" of water	3/4" orifice			56,800 C.F.P.D.
	20 min.	22" of water	3/4" orifice			66,600 C.F.P.D.
	30 min.	30" of water	3/4" orifice			77,800 C.F.P.D.
	40 min.	36" of water	3/4" orifice			85,200 C.F.P.D.
Gas to surface in 13 minutes.						

SECOND FLOW						
	10 min.	22" of water	1" orifice			121,000 C.F.P.D.
	20 min.	20" of water	1" orifice			115,000 C.F.P.D.
	30 min.	18" of water	1" orifice			110,000 C.F.P.D.
	40 min.	17" of water	1" orifice			106,000 C.F.P.D.
	50 min.	15" of water	1" orifice			101,000 C.F.P.D.
	60 min.	13" of water	1" orifice			93,600 C.F.P.D.
	70 min.	12" of water	1" orifice			89,800 C.F.P.D.
	80 min.	11" of water	1" orifice			85,900 C.F.P.D.
	90 min.	11" of water	1" orifice			85,900 C.F.P.D.
	100 min.	10" of water	1" orifice			81,600 C.F.P.D.
	110 min.	9" of water	1" orifice			77,500 C.F.P.D.
	120 min.	8" of water	1" orifice			73,100 C.F.P.D.

GAS BOTTLE

Serial No. - Date Bottle Filled - Date to be Invoiced -

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 Dick Jordan

WESTERN TESTING CO., INC.

Pressure Data

Date 7-28-78 Test Ticket No. 501
 Recorder No. 969 Capacity 4150 Location 3186 Ft.
 Clock No. - Elevation - Well Temperature 118 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1623</u> P.S.I.	Open Tool	<u>8:00P.</u> M	
B First Initial Flow Pressure	<u>67</u> P.S.I.	First Flow Pressure	<u>60</u> Mins	<u>60</u> Mins.
C First Final Flow Pressure	<u>65</u> P.S.I.	Initial Closed-in Pressure	<u>45</u> Mins	<u>45</u> Mins.
D Initial Closed-in Pressure	<u>943</u> P.S.I.	Second Flow Pressure	<u>120</u> Mins	<u>120</u> Mins.
E Second Initial Flow Pressure	<u>78</u> P.S.I.	Final Closed-in Pressure	<u>45</u> Mins	<u>45</u> Mins.
F Second Final Flow Pressure	<u>60</u> P.S.I.			
G Final Closed-in Pressure	<u>807</u> P.S.I.			
H Final Hydrostatic Mud	<u>1606</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure Breakdown: <u>12</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Initial Shut-In Breakdown: <u>15</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.		Second Flow Pressure Breakdown: <u>24</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Final Shut-In Breakdown: <u>15</u> Inc. of <u>3</u> mins. and a 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>67</u>	<u>0</u>	<u>65</u>	<u>0</u>	<u>78</u>	<u>0</u>	<u>60</u>
P 2 <u>5</u>	<u>55</u>	<u>3</u>	<u>602</u>	<u>5</u>	<u>61</u>	<u>3</u>	<u>315</u>
P 3 <u>10</u>	<u>55</u>	<u>6</u>	<u>826</u>	<u>10</u>	<u>60</u>	<u>6</u>	<u>506</u>
P 4 <u>15</u>	<u>55</u>	<u>9</u>	<u>875</u>	<u>15</u>	<u>60</u>	<u>9</u>	<u>559</u>
P 5 <u>20</u>	<u>58</u>	<u>12</u>	<u>891</u>	<u>20</u>	<u>60</u>	<u>12</u>	<u>602</u>
P 6 <u>25</u>	<u>59</u>	<u>15</u>	<u>899</u>	<u>25</u>	<u>60</u>	<u>15</u>	<u>635</u>
P 7 <u>30</u>	<u>61</u>	<u>18</u>	<u>904</u>	<u>30</u>	<u>60</u>	<u>18</u>	<u>660</u>
P 8 <u>35</u>	<u>63</u>	<u>21</u>	<u>908</u>	<u>35</u>	<u>60</u>	<u>21</u>	<u>682</u>
P 9 <u>40</u>	<u>64</u>	<u>24</u>	<u>914</u>	<u>40</u>	<u>60</u>	<u>24</u>	<u>705</u>
P10 <u>45</u>	<u>65</u>	<u>27</u>	<u>920</u>	<u>45</u>	<u>60</u>	<u>27</u>	<u>725</u>
P11 <u>50</u>	<u>65</u>	<u>30</u>	<u>924</u>	<u>50</u>	<u>60</u>	<u>30</u>	<u>742</u>
P12 <u>55</u>	<u>65</u>	<u>33</u>	<u>928</u>	<u>55</u>	<u>60</u>	<u>33</u>	<u>758</u>
P13 <u>60</u>	<u>65</u>	<u>36</u>	<u>931</u>	<u>60</u>	<u>60</u>	<u>36</u>	<u>768</u>
P14		<u>39</u>	<u>934</u>	<u>65</u>	<u>60</u>	<u>39</u>	<u>783</u>
P15		<u>42</u>	<u>938</u>	<u>70</u>	<u>60</u>	<u>42</u>	<u>795</u>
P16		<u>45</u>	<u>943</u>	<u>75</u>	<u>60</u>	<u>45</u>	<u>807</u>
P17				<u>80</u>	<u>60</u>		
P18				<u>85</u>	<u>60</u>		
P19				<u>90</u>	<u>60</u>		
P20				<u>95</u>	<u>60</u>		
				<u>100</u>	<u>60</u>		

WESTERN TESTING CO., INC.

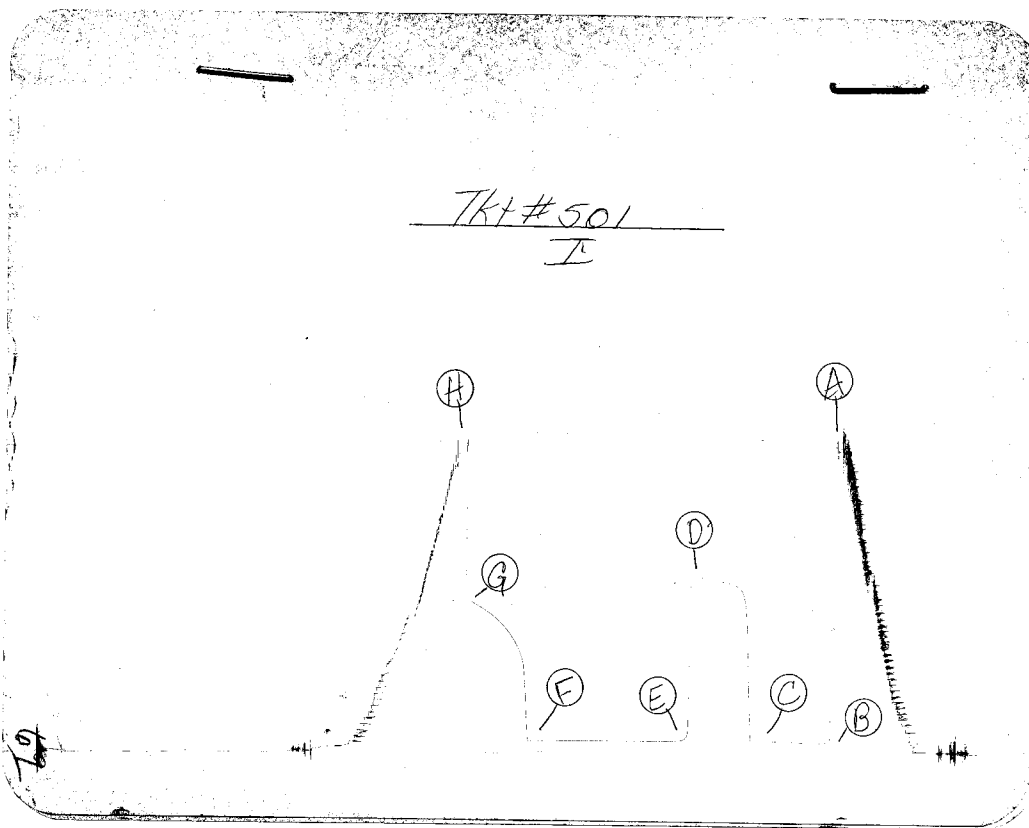
Pressure Data

Date 7-28-78 Test Ticket No. 501
 Recorder No. 969 Capacity 4150 Location 3186 Ft.
 Clock No. - Elevation - Well Temperature 118 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1623</u> P.S.I.	Open Tool	<u>8:00P.</u> M	
B First Initial Flow Pressure	<u>67</u> P.S.I.	First Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
C First Final Flow Pressure	<u>65</u> P.S.I.	Initial Closed-in Pressure	<u>45</u> Mins.	<u>45</u> Mins.
D Initial Closed-in Pressure	<u>943</u> P.S.I.	Second Flow Pressure	<u>120</u> Mins.	<u>120</u> Mins.
E Second Initial Flow Pressure	<u>78</u> P.S.I.	Final Closed-in Pressure	<u>45</u> Mins.	<u>45</u> Mins.
F Second Final Flow Pressure	<u>60</u> P.S.I.			
G Final Closed-in Pressure	<u>807</u> P.S.I.			
H Final Hydrostatic Mud	<u>1606</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure Breakdown: <u>12</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Initial Shut-In Breakdown: <u>15</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.		Second Flow Pressure Breakdown: <u>24</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Final Shut-In Breakdown: <u>15</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1				<u>105</u>	<u>60</u>		
P 2				<u>110</u>	<u>60</u>		
P 3				<u>115</u>	<u>60</u>		
P 4				<u>120</u>	<u>60</u>		
P 5							
P 6							
P 7							
P 8							
P 9							
P10							
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1588	1623	PSI
(B) First Initial Flow Pressure	55	67	PSI
(C) First Final Flow Pressure	66	65	PSI
(D) Initial Closed-in Pressure	922	943	PSI
(E) Second Initial Flow Pressure	66	78	PSI
(F) Second Final Flow Pressure	69	60	PSI
(G) Final Closed-in Pressure	789	807	PSI
(H) Final Hydrostatic Mud	1566	1606	PSI

TK-#501

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

Company Vincent Oil Corporation Lease & Well No. Schrag "C" #1
Elevation - Formation Mississippi Effective Pay - Ft. Ticket No. 502
Date 7-29-78 Sec. 18 Twp. 22S Range 2W County Harvey State Kansas
Test Approved by Dick Jordan Western Representative Jim Wondra
Formation Test No. 2 Interval Tested from 3196 ft. to 3225 ft. Total Depth 3225 ft.
Packer Depth 3191 ft. Size 6 3/4 in. Packer Depth 3196 ft. Size 6 3/4 in.
Packer Depth - ft. Size - in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) 3215 ft. Recorder Number 969 Cap. 4150
Bottom Recorder Depth (Outside) 3218 ft. Recorder Number 2603 Cap. 4400
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor Sterling Drlg. (#1) Drill Collar Length 301 I. D. 2 1/4 in.
Mud Type - Viscosity 45 Weight Pipe Length 430 I. D. 2.7 in.
Weight 9.5 Water Loss 8.4 cc. Drill Pipe Length 2344 I. D. 3.8 in.
Chlorides 1,900 P.P.M. Test Tool Size 5 1/2 OD in. Tool Joint Size 4 1/2 FH in.
Jars: Make - Serial Number = Anchor Length 29 ft. Size 5 1/2 OD in.
Did Well Flow? Yes Reversed Out - Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
Main Hole Size 7 7/8 in.

Blow: Strong blow throughout test. Gas to surface in 2 minutes ~~on~~ after final shut-in.

Recovered 30 ft. of gassy drilling mud.

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 12:15 ~~A.M.~~ P.M. Time Started Off Bottom 3:30 ~~A.M.~~ P.M. Maximum Temperature 118
Initial Hydrostatic Pressure (A) 1638 P.S.I.
Initial Flow Period Minutes 60 (B) 61 P.S.I. to (C) 45 P.S.I.
Initial Closed In Period Minutes 45 (D) 821 P.S.I.
Final Flow Period Minutes 45 (E) 63 P.S.I. to (F) 49 P.S.I.
Final Closed In Period Minutes 45 (G) 766 P.S.I.
Final Hydrostatic Pressure (H) 1632 P.S.I.

WESTERN TESTING CO., INC.

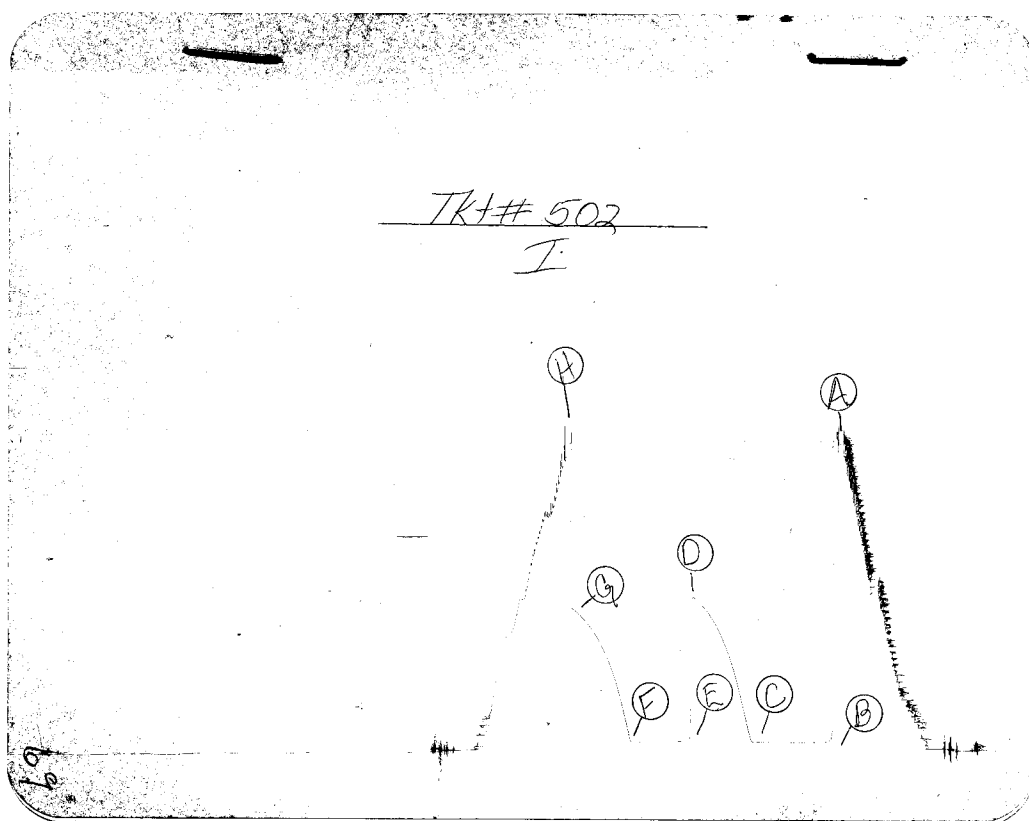
Pressure Data

Date 7-29-78 Test Ticket No. 502
 Recorder No. 969 Capacity 4150 Location 3215 Ft.
 Clock No. - Elevation - Well Temperature 118 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1638</u> P.S.I.	Open Tool	<u>12:15P.</u> M	
B First Initial Flow Pressure	<u>61</u> P.S.I.	First Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
C First Final Flow Pressure	<u>45</u> P.S.I.	Initial Closed-in Pressure	<u>45</u> Mins.	<u>45</u> Mins.
D Initial Closed-in Pressure	<u>821</u> P.S.I.	Second Flow Pressure	<u>45</u> Mins.	<u>45</u> Mins.
E Second Initial Flow Pressure	<u>63</u> P.S.I.	Final Closed-in Pressure	<u>45</u> Mins.	<u>45</u> Mins.
F Second Final Flow Pressure	<u>49</u> P.S.I.			
G Final Closed-in Pressure	<u>766</u> P.S.I.			
H Final Hydrostatic Mud	<u>1632</u> P.S.I.			

PRESSURE BREAKDOWN

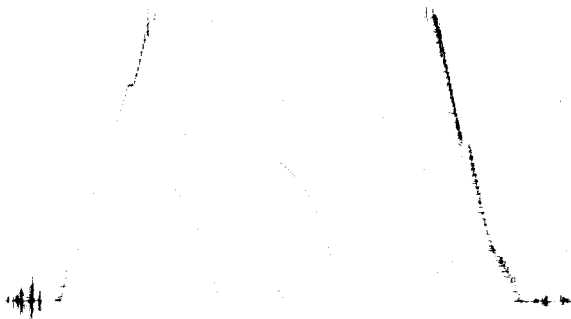
First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>12</u> Inc.		Breakdown: <u>15</u> Inc.		Breakdown: <u>9</u> Inc.		Breakdown: <u>15</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</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>61</u>	<u>0</u>	<u>45</u>	<u>0</u>	<u>63</u>	<u>0</u>	<u>49</u>
P 2 <u>5</u>	<u>45</u>	<u>3</u>	<u>92</u>	<u>5</u>	<u>51</u>	<u>3</u>	<u>128</u>
P 3 <u>10</u>	<u>44</u>	<u>6</u>	<u>185</u>	<u>10</u>	<u>49</u>	<u>6</u>	<u>219</u>
P 4 <u>15</u>	<u>44</u>	<u>9</u>	<u>272</u>	<u>15</u>	<u>49</u>	<u>9</u>	<u>303</u>
P 5 <u>20</u>	<u>44</u>	<u>12</u>	<u>354</u>	<u>20</u>	<u>49</u>	<u>12</u>	<u>387</u>
P 6 <u>25</u>	<u>44</u>	<u>15</u>	<u>434</u>	<u>25</u>	<u>49</u>	<u>15</u>	<u>453</u>
P 7 <u>30</u>	<u>44</u>	<u>18</u>	<u>502</u>	<u>30</u>	<u>49</u>	<u>18</u>	<u>502</u>
P 8 <u>35</u>	<u>44</u>	<u>21</u>	<u>557</u>	<u>35</u>	<u>49</u>	<u>21</u>	<u>545</u>
P 9 <u>40</u>	<u>45</u>	<u>24</u>	<u>606</u>	<u>40</u>	<u>49</u>	<u>24</u>	<u>594</u>
P10 <u>45</u>	<u>45</u>	<u>27</u>	<u>652</u>	<u>45</u>	<u>49</u>	<u>27</u>	<u>629</u>
P11 <u>50</u>	<u>45</u>	<u>30</u>	<u>694</u>			<u>30</u>	<u>660</u>
P12 <u>55</u>	<u>45</u>	<u>33</u>	<u>726</u>			<u>33</u>	<u>688</u>
P13 <u>60</u>	<u>45</u>	<u>36</u>	<u>756</u>			<u>36</u>	<u>712</u>
P14		<u>39</u>	<u>779</u>			<u>39</u>	<u>736</u>
P15		<u>42</u>	<u>801</u>			<u>42</u>	<u>755</u>
P16		<u>45</u>	<u>821</u>			<u>45</u>	<u>766</u>
P17							
P18							
P19							
P20							



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1644	1638
(B) First Initial Flow Pressure	66	61
(C) First Final Flow Pressure	55	45
(D) Initial Closed-in Pressure	811	821
(E) Second Initial Flow Pressure	66	63
(F) Second Final Flow Pressure	55	49
(G) Final Closed-in Pressure	756	766
(H) Final Hydrostatic Mud	1622	1632

TK#502
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Home Office: Wichita, Kansas 67201
P. O. Box 1599 (316) 838-0601

Company Vincent Oil Corporation Lease & Well No. Schrag "C" #1
Elevation - Formation Mississippi Effective Pay - Ft. Ticket No. 503
Date 7-30-78 Sec. 18 Twp. 22S Range 2W County Harvey State Kansas
Test Approved by Dick Jordan Western Representative Jim Wondra
Formation Test No. 3 Interval Tested from 3221 ft. to 3235 ft. Total Depth 3235 ft.
Packer Depth 3216 ft. Size 6 3/4 in. Packer Depth 3221 ft. Size 6 3/4 in.
Packer Depth - ft. Size - in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) 3225 ft. Recorder Number 969 Cap. 4150
Bottom Recorder Depth (Outside) 3228 ft. Recorder Number 2603 Cap. 4400
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor Sterling Drlg. (#1) Drill Collar Length 301 I. D. 2 1/4 in.
Mud Type - Viscosity 45 Weight Pipe Length 430 I. D. 2.7 in.
Weight 9.5 Water Loss 8.4 cc. Drill Pipe Length - I. D. 3.8 in.
Chlorides 1,900 P.P.M. Test Tool Size 5 1/2 OD in. Tool Joint Size 4 1/2 FH in.
Jars: Make - Serial Number - Anchor Length 14 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.

Blow: Strong blow throughout test.

Recovered 70 ft. of oil cut mud. (5% oil)

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 1:05 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 4:20 ~~P.M.~~ ^{A.M.} Maximum Temperature 118
Initial Hydrostatic Pressure (A) 1648 P.S.I.
Initial Flow Period Minutes 60 (B) 53 P.S.I. to (C) 60 P.S.I.
Initial Closed In Period Minutes 45 (D) 855 P.S.I.
Final Flow Period Minutes 45 (E) 74 P.S.I. to (F) 78 P.S.I.
Final Closed In Period Minutes 45 (G) 854 P.S.I.
Final Hydrostatic Pressure (H) 1642 P.S.I.

WESTERN TESTING CO., INC.

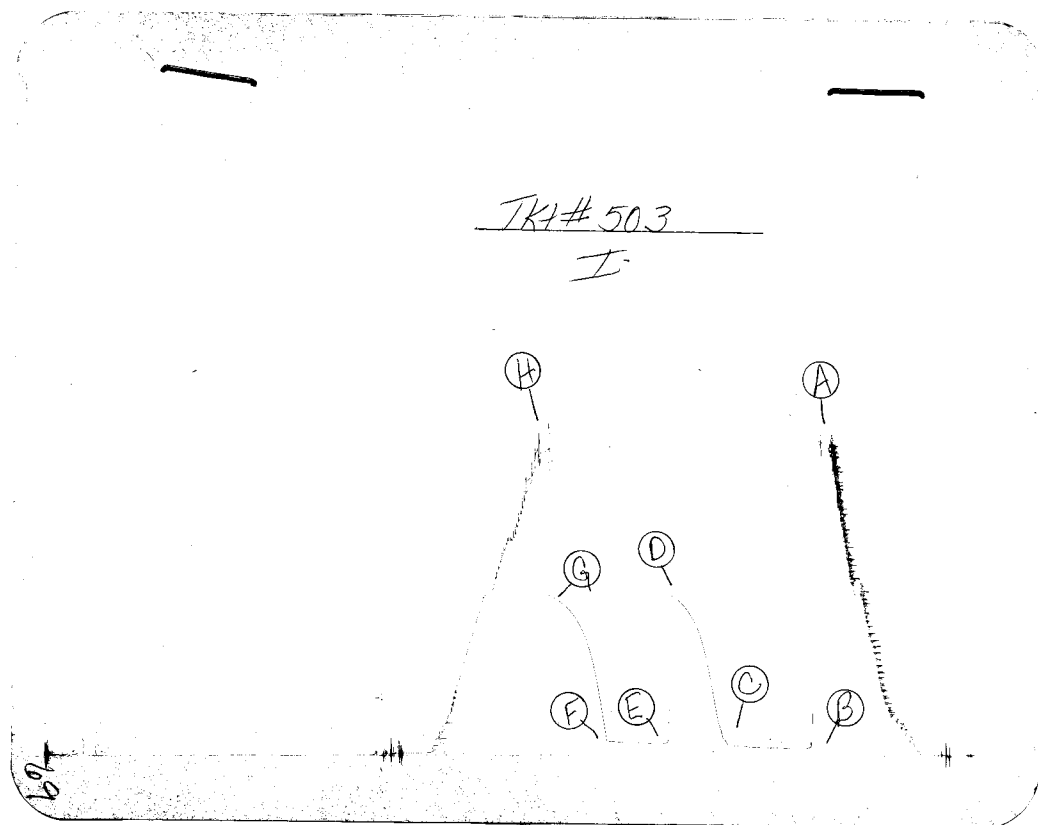
Pressure Data

Date 7-30-78 Test Ticket No. 503
 Recorder No. 969 Capacity 4150 Location 3225 Ft.
 Clock No. - Elevation - Well Temperature 118 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1648</u> P.S.I.	Open Tool	<u>1:05A.</u> M	
B First Initial Flow Pressure	<u>53</u> P.S.I.	First Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
C First Final Flow Pressure	<u>60</u> P.S.I.	Initial Closed-in Pressure	<u>45</u> Mins.	<u>45</u> Mins.
D Initial Closed-in Pressure	<u>855</u> P.S.I.	Second Flow Pressure	<u>45</u> Mins.	<u>45</u> Mins.
E Second Initial Flow Pressure	<u>74</u> P.S.I.	Final Closed-in Pressure	<u>45</u> Mins.	<u>45</u> Mins.
F Second Final Flow Pressure	<u>78</u> P.S.I.			
G Final Closed-in Pressure	<u>854</u> P.S.I.			
H Final Hydrostatic Mud	<u>1642</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure Breakdown: <u>1 2</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Initial Shut-In Breakdown: <u>15</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.		Second Flow Pressure Breakdown: <u>9</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Final Shut-In Breakdown: <u>15</u> Inc. of <u>3</u> mins. and a 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>53</u>	<u>0</u>	<u>60</u>	<u>0</u>	<u>74</u>	<u>0</u>	<u>78</u>
P 2 <u>5</u>	<u>41</u>	<u>3</u>	<u>89</u>	<u>5</u>	<u>65</u>	<u>3</u>	<u>190</u>
P 3 <u>10</u>	<u>41</u>	<u>6</u>	<u>143</u>	<u>10</u>	<u>66</u>	<u>6</u>	<u>311</u>
P 4 <u>15</u>	<u>41</u>	<u>9</u>	<u>217</u>	<u>15</u>	<u>68</u>	<u>9</u>	<u>426</u>
P 5 <u>20</u>	<u>44</u>	<u>12</u>	<u>335</u>	<u>20</u>	<u>71</u>	<u>12</u>	<u>527</u>
P 6 <u>25</u>	<u>45</u>	<u>15</u>	<u>434</u>	<u>25</u>	<u>72</u>	<u>15</u>	<u>598</u>
P 7 <u>30</u>	<u>47</u>	<u>18</u>	<u>539</u>	<u>30</u>	<u>73</u>	<u>18</u>	<u>652</u>
P 8 <u>35</u>	<u>50</u>	<u>21</u>	<u>617</u>	<u>35</u>	<u>75</u>	<u>21</u>	<u>693</u>
P 9 <u>40</u>	<u>53</u>	<u>24</u>	<u>676</u>	<u>40</u>	<u>77</u>	<u>24</u>	<u>731</u>
P10 <u>45</u>	<u>54</u>	<u>27</u>	<u>725</u>	<u>45</u>	<u>78</u>	<u>27</u>	<u>765</u>
P11 <u>50</u>	<u>56</u>	<u>30</u>	<u>768</u>			<u>30</u>	<u>789</u>
P12 <u>55</u>	<u>58</u>	<u>33</u>	<u>787</u>			<u>33</u>	<u>805</u>
P13 <u>60</u>	<u>60</u>	<u>36</u>	<u>811</u>			<u>36</u>	<u>822</u>
P14		<u>39</u>	<u>834</u>			<u>39</u>	<u>836</u>
P15		<u>42</u>	<u>846</u>			<u>42</u>	<u>850</u>
P16		<u>45</u>	<u>855</u>			<u>45</u>	<u>854</u>
P17							
P18							
P19							
P20							



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1644	1648	PSI
(B) First Initial Flow Pressure	55	53	PSI
(C) First Final Flow Pressure	44	60	PSI
(D) Initial Closed-in Pressure	811	855	PSI
(E) Second Initial Flow Pressure	66	74	PSI
(F) Second Final Flow Pressure	78	78	PSI
(G) Final Closed-in Pressure	822	854	PSI
(H) Final Hydrostatic Mud	1622	1642	PSI

TK# 503
0.



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

Company Vincent Oil Corporation Lease & Well No. Schrag "C" #1
Elevation ----- Formation Mississippi Effective Pay ----- Ft. Ticket No. 504
Date 7/30/78 Sec. 18 Twp. 22S Range 2W County Harvey State Kansas
Test Approved by Dick Jordan Western Representative Jim Wondra
Formation Test No. 4 Interval Tested from 3235' ft. to 3262 ft. Total Depth 3262' ft.
Packer Depth 3230 ft. Size 6 3/4 in. Packer Depth 3235 ft. Size 6 3/4 in.
Packer Depth -- ft. Size -- in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set -----
Top Recorder Depth (Inside) 3252 ft. Recorder Number 969 Cap. 4150
Bottom Recorder Depth (Outside) 3255 ft. Recorder Number 2603 Cap. 4400
Below Straddle Recorder Depth -- ft. Recorder Number -- Cap. --
Drilling Contractor Sterling Drilling #1 Drill Collar Length 301 I. D. 2 1/4 in.
Mud Type ----- Viscosity 45 Weight Pipe Length 430 I. D. 2.7 in.
Weight 9.5 Water Loss 8.4 cc. Drill Pipe Length 2483 I. D. 3.8 in.
Chlorides 1,900 P.P.M. Test Tool Size 5 1/2 OD in. Tool Joint Size 4 1/2 FH in.
Jars: Make ----- Serial Number ----- Anchor Length 27 ft. Size 5 1/2 OD in.
Did Well Flow? Yes Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
Main Hole Size 7 7/8 in.

Blow: Fair to strong blow throughout test. Gas to surface in 44 minutes on second opening. Too small to measure.

Recovered 155 ft. of drilling mud with specks of oil.

Recovered 62 ft. of thin mud

Recovered 360 ft. of salt water. Chlorides (56,000 PPM)

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 6:45 ~~A.M.~~ P.M. Time Started Off Bottom 10:15 ~~A.M.~~ P.M. Maximum Temperature 121
Initial Hydrostatic Pressure (A) 1650 P.S.I.
Initial Flow Period Minutes 60 (B) 62 P.S.I. to (C) 185 P.S.I.
Initial Closed In Period Minutes 45 (D) 991 P.S.I.
Final Flow Period Minutes 60 (E) 231 P.S.I. to (F) 301 P.S.I.
Final Closed In Period Minutes 45 (G) 989 P.S.I.
Final Hydrostatic Pressure (H) 1639 P.S.I.

WESTERN TESTING CO., INC.

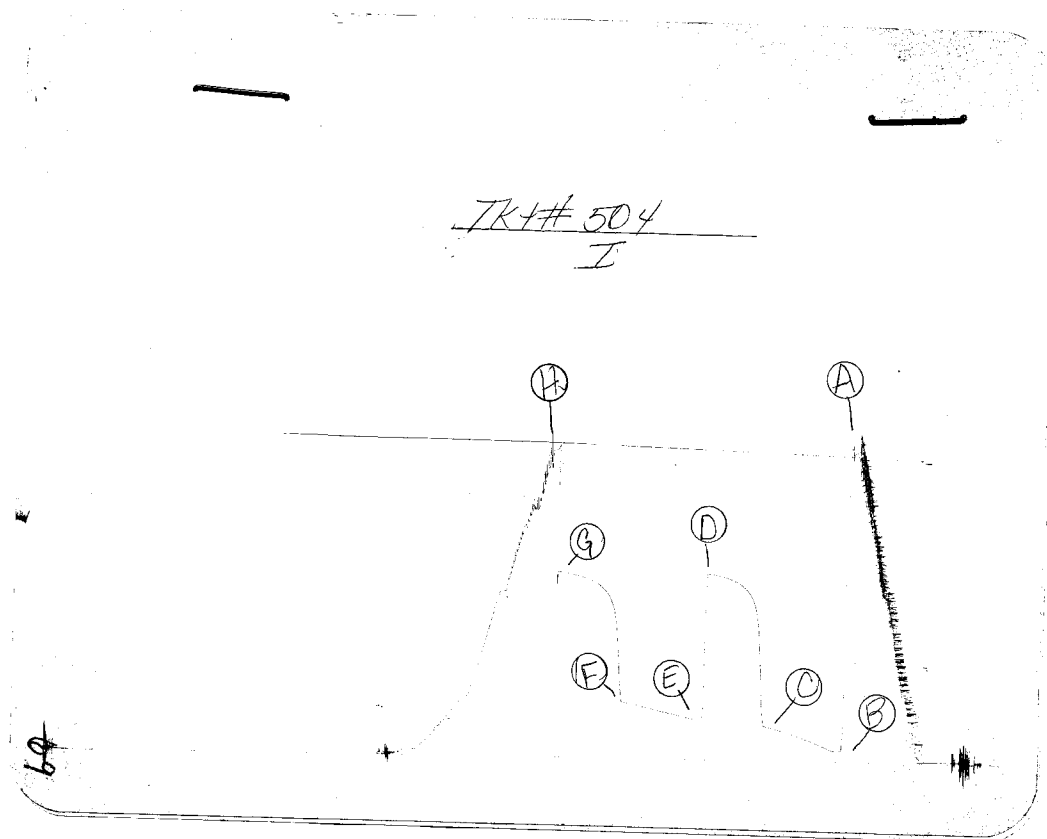
Pressure Data

Date 7/30/78 Test Ticket No. 504
 Recorder No. 969 Capacity 4150 Location 3252 Ft.
 Clock No. ----- Elevation ----- Well Temperature 121 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1650</u> P.S.I.	Open Tool	<u>6:45P</u> M	
B First Initial Flow Pressure	<u>62</u> P.S.I.	First Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
C First Final Flow Pressure	<u>185</u> P.S.I.	Initial Closed-in Pressure	<u>45</u> Mins.	<u>45</u> Mins.
D Initial Closed-in Pressure	<u>991</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>231</u> P.S.I.	Final Closed-in Pressure	<u>45</u> Mins.	<u>48</u> Mins.
F Second Final Flow Pressure	<u>301</u> P.S.I.			
G Final Closed-in Pressure	<u>989</u> P.S.I.			
H Final Hydrostatic Mud	<u>1639</u> P.S.I.			

PRESSURE BREAKDOWN

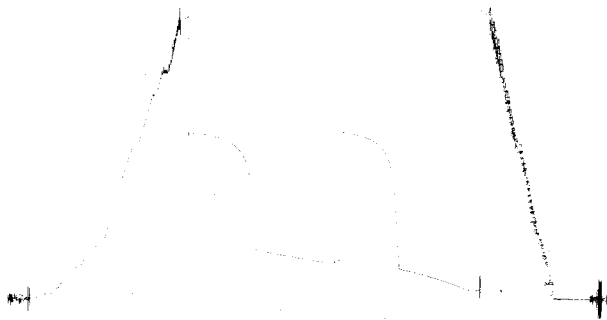
First Flow Pressure Breakdown: <u>12</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Initial Shut-In Breakdown: <u>15</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.		Second Flow Pressure Breakdown: <u>12</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Final Shut-In Breakdown: <u>16</u> Inc. of <u>3</u> mins. and a 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>62</u>	<u>0</u>	<u>185</u>	<u>0</u>	<u>231</u>	<u>0</u>	<u>301</u>
P 2 <u>5</u>	<u>57</u>	<u>3</u>	<u>375</u>	<u>5</u>	<u>215</u>	<u>3</u>	<u>467</u>
P 3 <u>10</u>	<u>71</u>	<u>6</u>	<u>695</u>	<u>10</u>	<u>219</u>	<u>6</u>	<u>731</u>
P 4 <u>15</u>	<u>86</u>	<u>9</u>	<u>826</u>	<u>15</u>	<u>227</u>	<u>9</u>	<u>832</u>
P 5 <u>20</u>	<u>100</u>	<u>12</u>	<u>879</u>	<u>20</u>	<u>236</u>	<u>12</u>	<u>873</u>
P 6 <u>25</u>	<u>113</u>	<u>15</u>	<u>906</u>	<u>25</u>	<u>246</u>	<u>15</u>	<u>900</u>
P 7 <u>30</u>	<u>127</u>	<u>18</u>	<u>925</u>	<u>30</u>	<u>252</u>	<u>18</u>	<u>922</u>
P 8 <u>35</u>	<u>139</u>	<u>21</u>	<u>940</u>	<u>35</u>	<u>259</u>	<u>21</u>	<u>934</u>
P 9 <u>40</u>	<u>152</u>	<u>24</u>	<u>952</u>	<u>40</u>	<u>269</u>	<u>24</u>	<u>945</u>
P10 <u>45</u>	<u>163</u>	<u>27</u>	<u>961</u>	<u>45</u>	<u>277</u>	<u>27</u>	<u>955</u>
P11 <u>50</u>	<u>172</u>	<u>30</u>	<u>969</u>	<u>50</u>	<u>283</u>	<u>30</u>	<u>961</u>
P12 <u>55</u>	<u>182</u>	<u>33</u>	<u>975</u>	<u>55</u>	<u>293</u>	<u>33</u>	<u>967</u>
P13 <u>60</u>	<u>185</u>	<u>36</u>	<u>980</u>	<u>60</u>	<u>301</u>	<u>36</u>	<u>973</u>
P14		<u>39</u>	<u>985</u>			<u>39</u>	<u>977</u>
P15		<u>42</u>	<u>990</u>			<u>42</u>	<u>983</u>
P16		<u>45</u>	<u>991</u>			<u>45</u>	<u>986</u>
P17						<u>48</u>	<u>989</u>
P18							
P19							
P20							



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1665	1650 PSI
(B) First Initial Flow Pressure	61	62 PSI
(C) First Final Flow Pressure	184	185 PSI
(D) Initial Closed-in Pressure	993	991 PSI
(E) Second Initial Flow Pressure	225	231 PSI
(F) Second Final Flow Pressure	307	301 PSI
(G) Final Closed-in Pressure	983	989 PSI
(H) Final Hydrostatic Mud	1644	1639 PSI

TK# 504
0



Petra - Log

Compensated Density

COMPANY VINCENT OIL CORPORATION

WELL SCHRAG "C" #1

FIELD _____

COUNTY HARVEY

STATE KANSAS

Location

NE-SW-SW

Other Services:

RAG

Sec. 18 **Twp.** 22S **Rge.** 2W

Permanent Datum: GROUND LEVEL **Elev.** 1437

Log Measured From K.B., 5 **Ft. Above Perm. Datum**

Drilling Measured From KELLY BUSHING

Elev.: K.B. 1446

D.F. _____

G.L. 1437

Date	<u>7/30/78</u>				
Run No.	<u>ONE</u>				
Depth—Driller	<u>3262</u>				
Depth—Logger	<u>3259</u>				
Btm. Log Inter.	<u>3258</u>				
Top Log Inter.	<u>2000</u>				
Casing—Driller	<u>8 5/8 @ 217</u>	●	●	●	●
Casing—Logger					
Bit Size	<u>7 7/8</u>				
Type Fluid in Hole	<u>CHEMICAL</u>				
Dens.	<u>9.6</u>				
Visc.	<u>56</u>				
pH	<u>8.5</u>				
Fluid Loss	<u>7.6 ml</u>	ml	ml	ml	ml
Source of Sample	<u>FLOWLINE</u>				
R_m @ Meas. Temp.	<u>1.4 @ 87 °F</u>	● °F	● °F	● °F	● °F
R_m @ Meas. Temp.	<u>1.05 @ 87 °F</u>	● °F	● °F	● °F	● °F
R_m @ Meas. Temp.	<u>2.10 @ 87 °F</u>	● °F	● °F	● °F	● °F
Source: R_m	<u>CHARTS</u>				
R_m @ BHT	<u>1.07 @ 113 °F</u>	● °F	● °F	● °F	● °F
Time Since Circ.	<u>9 HRS.</u>				
Max. Rec. Temp.	<u>113 °F</u>	°F	°F	°F	°F
Equip. Location	<u>H-8 GB</u>				
Recorded By	<u>DAN THOMPSON</u>				
Witnessed By	<u>MR. DICK JORDAN</u>				

Equipment Data

Run No.	Tool No.	Source No.	Panel No.		Logging Unit	Location
1	1	1	1		H-8	GREAT BEND, KS.

Calibration Data

Run No.	Gamma Ray			C D T					
	API Scale	Background CPS	Std. CPS	Ds CPS AT	2.0	3.0	Dt CPS AT	2.0	3.0

Logging Data

Run No.	Depths		Speed Ft/Min	GR TC	
	From	To			
1	3258	2000	20	3	

Remarks: 7/8

Petro-Log

Correlation Log

COMPANY VINCENT OIL CORP.

WELL #1 SCHRAG "C"

FIELD _____

COUNTY HARVEY STATE KANAS

Location

NE-SW-SW

Sec. 18 Twp. 22S Rge. 2W

Other Services:

PERF

Permanent Datum: G.L. Elev. 1437
Log Measured From K.B. 9 Ft. Above Perm. Datum
Drilling Measured From KELLY BUSHING

Elev.: K.B. 1446
D.F. _____
G.L. 1437

Date	<u>8/12/78</u>						
Run No.	<u>04E</u>						
Depth-Driller	<u>3253</u>						
Depth-Logger	<u>3253</u>						
Stm. Log Inter.	<u>3253</u>						
Top Log Inter.	<u>2200</u>						
Casing-Driller	<u>5/8</u>	<u>2 1/2</u>	<u>4 1/2</u>				
Casing-Logger							
Bit Size	<u>7 7/8</u>						
Type Fluid in Hole							
Dens.							
Visc.							
pH							
Fluid Loss							
Source of Sample							
R ₁ @ Meas. Temp.	●	'F	●	'F	●	'F	●
R ₂ @ Meas. Temp.	●	'F	●	'F	●	'F	●
R ₃ @ Meas. Temp.	●	'F	●	'F	●	'F	●
Source: R ₁ R ₂							
R ₃ @ BHT	●	'F	●	'F	●	'F	●
Time Since Circ.							
Max. Rec. Temp.							
Equip.							
Location	<u>H-2 GB</u>						
Recorded By	<u>MATTHEWS</u>						
Witnessed By	<u>JIM LINE</u>						

EQUIPMENT DATA

GAMMA RAY

NEUTRON

RUN NO.	ONE		RUN NO.		ONE	
TOOL MODEL NO.			LOG TYPE		n/n	
DIAMETER			TOOL MODEL NO.			
DETECTOR MODEL NO.			DIAMETER			
TYPE	Scint		DETECTOR MODEL NO.			
LENGTH	4"		TYPE		He3	
DISTANCE TO N. SOURCE	120"		LENGTH		6"	
			SOURCE MODEL NO.			
GENERAL			SERIAL NO.			
HOIST TRUCK NO.			SPACING			
INSTRUMENT TRUCK NO.			TYPE		Am Be	
TOOL SERIAL NO.			STRENGTH		3 Curies	

LOGGING DATA

GENERAL

GAMMA RAY

NEUTRON

RUN NO.	DEPTHS		SPEED FT./MIN.	T.C. SEC.	SENS. SETTINGS	ZERO DIV. L OR R	API G.R. UNITS PER LOG DIV.	T.C. SEC.	SENS. SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
	FROM	TO									
1			30			1 L	10			7 L	100

Run No.	Bore Hole Record				Casing Record				PETRO-LOG T. D.	
	Bit	From	To	Size	Wgt.	From	To		CUSTOMER T. D.	
1		Surf				Surf			RESET:	

REMARKS