



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

Company Raymond Oil Co., Inc. Lease & Well No. Bolt #1
Elevation 1800 Kelly Bush. Formation Indian Cave Effective Pay - Ft. Ticket No. 23277
Date 11-29-77 Sec. 33 Twp. 28S Range 11W County Pratt State Kansas
Test Approved by R. Rowland Western Representative Joe N. Lusk
Formation Test No. 1 O.K. ☒ Misrun ☐ Interval Tested From 2590' to 2632' Total Depth 2632
Size Main Hole 7 7/8 Rat Hole ☐ Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No
Top Packer Depth 2585' Ft. Size 6 3/4 Bottom Packer Depth 2590 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 42 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 2596 Ft. Clock No. 10168 Depth 2599 Ft. Clock No. 6800
Top Make Kuster Cap. 4150 No. 969 ~~Inside~~ Outside Bottom Make Kuster Cap. 4400 No. 2603 ~~Inside~~ Outside
Below Straddle: Depth ☐ Rec. No. ☐ Clock No. ☐ ~~Inside~~ Outside Depth ☐ Ft. Rec. No. ☐ Clock No. ☐ ~~Inside~~ Outside
Time Set Packer 5:23A M
Tool Open I.F.P. From 5:25A M. to 6:10 M. - Hr. 45 Min. From (B) 65 P.S.I. To (C) 45 P.S.I.
Tool Closed I.C.I.P. From 6:10 M. to 6:40 M. - Hr. 30 Min (D) 930 P.S.I.
Tool Open F.F.P. From 6:40 M. to 7:25 M. - Hr. 45 Min. From (E) 67 P.S.I. To (F) 41 P.S.I.
Tool Closed F.C.I.P. From 7:25 M. to 7:55 M. - Hr. 30 Min. (G) 926 P.S.I.
Initial Hydrostatic Pressure (A) 1401 P.S.I. Final Hydrostatic Pressure (H) 1361 P.S.I. Maximum Temp. 102

INFORMATION

BLOW Strong blow, Gas to surface in 5 minutes. See attached sheet for gas measurement.

Did Well Flow ☐ Yes ☒ No Recovery Total Fr. 65' gas cut mud.

Reversed Out ☐ Yes ☒ No Mud Type Starch Viscosity 40 Weight 9.8 Water Loss 10.0 cc. Chlorides 66,000 ppm

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 Damac Drlg. Rig #1 Length Drill Pipe? 2030 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 XH In.

Length Weight Pipe 538 Ft. I.D. Weight Pipe 2.7 In. Tool Joint Size 4 1/2 XH In. Length Drill Collars ☐ Ft. I.D. Drill Collars ☐ In.

Tool Joint Size ☐ In. Length D.S.T. Tool 64 Ft.

Remarks:

WESTERN TESTING CO., INC.

Pressure Data

Date 11-29-77 Test Ticket No. 23277
 Recorder No. 969 Capacity 4150 Location 2596 Ft.
 Clock No. 10168 Elevation 1800 Kelly Bushing Well Temperature 102 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1401 P.S.I.	Open Tool	5:23 A. M	
B First Initial Flow Pressure	65 P.S.I.	First Flow Pressure	45 Mins.	45 Mins.
C First Final Flow Pressure	45 P.S.I.	Initial Closed-in Pressure	30 Mins.	30 Mins.
D Initial Closed-in Pressure	930 P.S.I.	Second Flow Pressure	45 Mins.	40 Mins.
E Second Initial Flow Pressure	67 P.S.I.	Final Closed-in Pressure	30 Mins.	30 Mins.
F Second Final Flow Pressure	41 P.S.I.			
G Final Closed-in Pressure	926 P.S.I.			
H Final Hydrostatic Mud	1361 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>9</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>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>65</u>	<u>0</u>	<u>45</u>	<u>0</u>	<u>67</u>	<u>0</u>	<u>41</u>
P 2 <u>5</u>	<u>51</u>	<u>3</u>	<u>299</u>	<u>5</u>	<u>53</u>	<u>3</u>	<u>256</u>
P 3 <u>10</u>	<u>45</u>	<u>6</u>	<u>727</u>	<u>10</u>	<u>45</u>	<u>6</u>	<u>690</u>
P 4 <u>15</u>	<u>42</u>	<u>9</u>	<u>843</u>	<u>15</u>	<u>43</u>	<u>9</u>	<u>818</u>
P 5 <u>20</u>	<u>41</u>	<u>12</u>	<u>877</u>	<u>20</u>	<u>41</u>	<u>12</u>	<u>860</u>
P 6 <u>25</u>	<u>41</u>	<u>15</u>	<u>895</u>	<u>25</u>	<u>39</u>	<u>15</u>	<u>881</u>
P 7 <u>30</u>	<u>43</u>	<u>18</u>	<u>908</u>	<u>30</u>	<u>39</u>	<u>18</u>	<u>895</u>
P 8 <u>35</u>	<u>44</u>	<u>21</u>	<u>916</u>	<u>35</u>	<u>41</u>	<u>21</u>	<u>905</u>
P 9 <u>40</u>	<u>45</u>	<u>24</u>	<u>922</u>	<u>40</u>	<u>41</u>	<u>24</u>	<u>912</u>
P10 <u>45</u>	<u>45</u>	<u>27</u>	<u>926</u>			<u>27</u>	<u>918</u>
P11		<u>30</u>	<u>930</u>			<u>30</u>	<u>926</u>
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							



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GAS FLOW REPORT

Date 11-29-77 Ticket 23277 Company Raymond Oil Company
Well Name and No. Bolt #1 Dst No. 1 Interval Tested 2590-2632'
County Pratt State Kansas Sec. 33 Twp. 28S Rg. 11W

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						
Gas to surface in 5 Min.						
5:40 A	15 Min.	28" Of Water	3/4"	Orifice		75,100 C.F.P.D.
5:50 A	25 "	12" "	1"	"		89,800 "
6:00 A	35 "	14" "	1"	"		97,300 "
6:10 A	45 "	17" "	1"	"		106,000 "

SECOND FLOW						
-6:55 A	10 Min.	12" Of Water	1 1/4"	Orifice		152,000 C.F.P.D.
7:05 A	20 "	11" "	1 1/4"	"		145,000 "
7:15 A	30 "	11" "	1 1/4"	"		145,000 "
7:25 A	40 "	11" "	1 1/4"	"		145,000 "
7:30 A	45 "	11" "	1 1/4"	"		145,000 "

GAS BOTTLE

Serial No. 633 Date Bottle Filled 11-29-77 Date to be Invoiced 11-29-77

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 Raymond Oil Company.

Authorized by R. Rowland

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TRT # 23277
I.

