

Home Office: Great Bend, Kansas

P. O. Box 793

GLadstone 3-7903 Customer Order No. 35A500

Company Continental Oil Company

Lease & Well No. Hrabe #1

Tkt. #2396

Date 2-4-62 Sec. 35 Twp. 8S Range 17W County Rooks State Kansas

Test Approved by Gleason Tapp

Western Representative Bill Hager

Formation Test No. 1 O.K. ☒ Misrun ☐ Interval Tested From 3378' to 3385' Total Depth 3385'
Size Main Hole 7 7/8" Rat Hole None Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No
Packer Depth 3378 Ft. Size 6 3/4" Packer Depth 3375 Ft. Size 6 3/4"
Straddle ☐ Yes ☒ 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 7 Ft. Size 5 1/2" O. D.

RECORDERS	Depth <u>3372</u> Ft.	Clock No. <u>6896</u>	Depth <u>3382</u> Ft.	Clock No. <u>102</u>
	Top Make <u>Amerada</u> Cap. <u>3200#</u> No. <u>1561</u>	Inside ☐ Outside ☐	Bottom Make <u>Western</u> Cap. <u>4000#</u> No. <u>21</u>	Inside ☐ Outside ☐
	Below Straddle: Depth <u> </u> Clock No. <u> </u>	Inside ☐ Outside ☐	Depth <u> </u> Ft. Clock No. <u> </u>	Inside ☐ Outside ☐
	Top Make <u> </u> Cap. <u> </u> No. <u> </u>	Inside ☐ Outside ☐	Bottom Make <u> </u> Cap. <u> </u> No. <u> </u>	Inside ☐ Outside ☐

Time Set Packer 11:17 A. M
Tool Open I.F.P. From 11:18A M. to 11:23A M. - Hr. 5 Min. From (B) 14 P.S.I. To (C) 14 P.S.I.
Tool Closed I.C.I.P. From 11:24A M. to 11:54A M. - Hr. 30 Min. (D) 928 P.S.I.
Tool Open F.F.P. From 11:55A M. to 12:25P M. - Hr. 30 Min From (E) 20 P.S.I. To (F) 20 P.S.I.
Tool Closed F.C.I.P. From 12:26P M. to 12:56P M. - Hr. 30 Min. (G) 856 P.S.I.
Initial Hydrostatic Pressure (A) 1874 P.S.I. Final Hydrostatic Pressure (H) 1842 P.S.I.

SURFACE	Size Choke <u>1/2</u> In.	Max. Press. P.S.I.	Time	Description of Flow
INFORMATION	<u> </u>	<u> </u>	<u> </u> M.	<u> </u>
	<u> </u>	<u> </u>	<u> </u> M.	<u> </u>
	<u> </u>	<u> </u>	<u> </u> M.	<u> </u>

BLOW Weak 5 Min. Blow Before I.S.I. Bottom Choke Size 3/4 In.
Did Well Flow ☐ Yes ☒ No. Recovery Total Ft. 5 Oil ☐ Gas ☐ Water ☐

5' Drilling Mud Mud
Reversed Out ☐ Yes ☒ No Mud Type Starch Viscosity 40 Weight 10.2 Maximum Temp. 98 °F
EXTRA EQUIPMENT: Dual Packers Yes Safety Joint Yes Jars: Size 3 1/2" F.H. Make Bowen Ser. No. 3
Type Circ. Sub. 4 1/2" F.H. Plug Did Tool Plug? No Where? Did Packer Hold? Yes

Remarks

62' Test Tool
3343' 3.8" I.D. Drill Pipe

By-Passed Tool

WESTERN TESTING CO., INC.

Pressure Data

Date 2-4-62

Test Ticket No. 2396

Recorder No. 1561 Capacity 3200# Location 3372 Ft.

Clock No. 6896 Well Temperature _____ °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1874</u> P.S.I.	Opened Tool	<u>11:18</u>	<u>11:18</u>
B First Initial Flow Pressure	<u>14</u> P.S.I.	First Flow Pressure	<u>5</u> Mins.	<u>5</u> Mins.
C First Final Flow Pressure	<u>14</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>928</u> P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>20</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>20</u> P.S.I.			
G Final Closed-in Pressure	<u>856</u> P.S.I.			
H Final Hydrostatic Mud	<u>1842</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Press.

Breakdown: 2 Inc.
of 5 mins. and a
final inc. of 0 Min.

Initial Shut-In

Breakdown: 15 Inc.
of 2 mins. and a
final inc. of 0 Min.

Second Flow Pressure

Breakdown: 6 Inc.
of 5 mins. and a
final inc. of - Min.

Final Shut-In

Breakdown: 15 Inc.
of 2 mins. and a
final inc. of - Min.

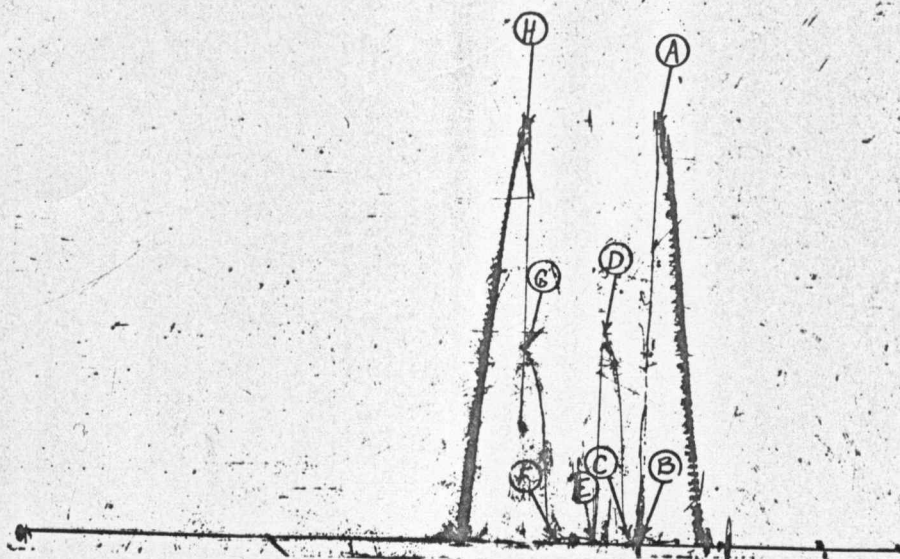
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>14</u>	<u>0</u>	<u>14</u>	<u>0</u>	<u>20</u>	<u>0</u>	<u>20</u>
P 2 <u>5</u>	<u>14</u>	<u>2</u>	<u>15</u>	<u>5</u>	<u>20</u>	<u>2</u>	<u>25</u>
P 3		<u>4</u>	<u>28</u>	<u>10</u>	<u>20</u>	<u>4</u>	<u>39</u>
P 4		<u>6</u>	<u>65</u>	<u>15</u>	<u>20</u>	<u>6</u>	<u>76</u>
P 6		<u>8</u>	<u>153</u>	<u>20</u>	<u>20</u>	<u>8</u>	<u>176</u>
P 7		<u>10</u>	<u>324</u>	<u>25</u>	<u>20</u>	<u>10</u>	<u>320</u>
P 8		<u>12</u>	<u>479</u>	<u>30</u>	<u>20</u>	<u>12</u>	<u>446</u>
P 9		<u>14</u>	<u>671</u>			<u>14</u>	<u>550</u>
P10		<u>16</u>	<u>748</u>			<u>16</u>	<u>620</u>
P11		<u>18</u>	<u>787</u>			<u>18</u>	<u>680</u>
P12		<u>20</u>	<u>828</u>			<u>20</u>	<u>729</u>
P13		<u>22</u>	<u>857</u>			<u>22</u>	<u>755</u>
P14		<u>24</u>	<u>889</u>			<u>24</u>	<u>793</u>
P15		<u>26</u>	<u>906</u>			<u>26</u>	<u>815</u>
P16		<u>28</u>	<u>917</u>			<u>28</u>	<u>837</u>
P17		<u>30</u>	<u>928</u>			<u>30</u>	<u>856</u>
P18							
P19							
P20							
P21							

CONTINENTAL Oil Co.

HRABE #1

TEST #1

TKT. #2396



This is an actual photograph of recorder chart.

POINT

PRESSURE

(A) Initial Hydrostatic Mud	1901	PSI
(B) First Initial Flow Pressure	15	PSI
(C) First Final Flow Pressure	15	PSI
(D) Initial Closed-in Pressure	935	PSI
(E) Second Initial Flow Pressure	15	PSI
(F) Second Final Flow Pressure	15	PSI
(G) Final Closed-in Pressure	853	PSI
(H) Final Hydrostatic Mud	1893	PSI