

GARVEY DRILLING COMPANY

TESTING DIVISION

Nº 2770

Company Pet. Inc. Lease & Well No. Runnymede Unit D-1

Elevation _____ Ticket Number _____

Date 12-27-65 Sec. 11 Twp. 30S Range 17W County Kiowa State Kansas

Test Approved by Ray Donbaugh Garvey Representative Doyle Folkerts

Formation Test No. 1 O.K. ☒ Misrun ☐ Interval Tested From 4709 to 4746 Total Depth 4746

Size Main Hole 7 3/8 Rat Hole ☐ Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No ☐ Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No ☐

Packer Depth 4703 Ft. Size 6 3/4 Packer Depth 4709 Ft. Size 6 3/4

Straddle ☐ Yes ☒ No ☐ Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No ☐

Packer Depth _____ Ft. Size _____

Tool Size 5" Tool Jt. Size 5 1/2" Anchor Length 37 Ft. Size 4 1/2 FH

RECORDERS Depth 4741 Ft. Clock No. 51 Depth 4743 Ft. Clock No. 52

Top Make Western Cap. 4000 No. 51 Inside ☒ Outside ☐ Bottom Make Western Cap. 4000 No. 52 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 10:47 A.M.

Tool Open I.F.P. From 10:49 M. to 11:19 M. — Hr. 30 Min. From (B) 100 P.S.I. To (C) 100 P.S.I.

Tool Closed I.C.I.P. From 11:19 M. to 11:49 M. — Hr. 30 Min. (D) 100 P.S.I.

Tool Open F.F.P. From 11:49 M. to 12:19 M. — Hr. 30 Min. From (E) 100 P.S.I. To (F) 100 P.S.I.

Tool Closed F.C.I.P. From 12:19 M. to 12:49 M. — Hr. 30 Min. (G) 100 P.S.I.

Initial Hydrostatic Pressure (A) 2690 P.S.I. Final Hydrostatic Pressure (H) 2690 P.S.I.

SURFACE Size Choke 5/8 In. Max. Press. P.S.I. _____ Time _____ Description of Flow _____

INFORMATION _____ M. _____

_____ M. _____

_____ M. _____

BLOW Weak Bottom Choke Size 1/2 In.

Did Well Flow ☐ Yes ☒ No. Recovery Total Ft. 25' Oil speckled Mud

Reversed Out ☐ Yes ☒ No Mud Type Starch Viscosity 45 Weight 10.1 Maximum Temp. 80 °F

EXTRA EQUIPMENT: Dual Packers Yes Safety Joint NO Jars: Size _____ Make _____ Ser. No. _____

Type Circ. Sub. Halliburton Did Tool Plug? NO Where? _____ Did Packer Hold? Yes

Length Drill Pipe 4686 ft. I. D Drill Pipe 3 in. Length Weight Pipe _____ ft. I. D. Weight Pipe _____ in. Length Drill Collars _____ ft.

I. D. Drill Collars _____ in. Length D. S. T. Tool 60 ft.

Remarks Tool plugged first 10 min of Test

GARVEY DRILLING CO. Pressure Data

Date 12-27-65 Test Ticket No. 2770
 Recorder No. 51 Capacity 4000 Location 4741 Ft.
 Clock No. 51 Elevation _____ Well Temperature 80 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud <u>2690</u> P.S.I.		<u>10:47</u> A M	
B First Initial Flow Pressure <u>Plugged</u> P.S.I.		<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure <u>Plugged</u> P.S.I.		<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure <u>120</u> P.S.I.		<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure <u>120</u> P.S.I.		<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure <u>120</u> P.S.I.		<u>30</u> Mins.	<u>30</u> Mins.
G Final Closed-in Pressure <u>120</u> P.S.I.			
H Final Hydrostatic Mud <u>2690</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Press.		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>6</u> Inc.	
of <u>5</u> mins. and a		of <u>5</u> mins. and a		of <u>5</u> mins. and a		of <u>5</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>5</u>	<u>Plugged</u>	<u>5</u>	<u>120</u>	<u>5</u>	<u>120</u>	<u>5</u>	<u>120</u>
P 2 <u>10</u>		<u>10</u>	<u>120</u>	<u>10</u>	<u>120</u>	<u>10</u>	<u>120</u>
P 3 <u>15</u>		<u>15</u>	<u>120</u>	<u>15</u>	<u>120</u>	<u>15</u>	<u>120</u>
P 4 <u>20</u>		<u>20</u>	<u>120</u>	<u>20</u>	<u>120</u>	<u>20</u>	<u>120</u>
P 5 <u>25</u>		<u>25</u>	<u>120</u>	<u>25</u>	<u>120</u>	<u>25</u>	<u>120</u>
P 6 <u>30</u>		<u>Plugged</u>	<u>30</u>	<u>120</u>	<u>30</u>	<u>120</u>	<u>30</u>
P 7							
P 8							
P 9							
P 10							
P 11							
P 12							
P 13							
P 14							
P 15							
P 16							
P 17							
P 18							
P 19							
P 20							

