

COOK TESTING COMPANY
ENGINEERED FORMATION TESTING

Test Ticket No. 13958
Date: 8-25-62

COMPANY: Reserve Oil & Gas Company District: Sacramento Customer's Order No. D 03051
 Division _____ Well & Lease No. Esmond #1 County Linn State Oregon
 Field Lebanon Mail Invoice to P. O. Box 7, Lebanon, Oregon Mail Charts to Same 6 Copies
 FORMATION TEST STRADDLE ORIGINAL CHARTS
 CASING TEST Lap Test Shoot & Test Jet Bullets Number of Shots
 Test No. 5 Series _____ Original Ticket No. 13958 (OK) (~~MISRUN~~) OK
 Total Depth 8045 Zone Tested 8027 to 8045
 Anchor Length 18 ft. Size 4 5/8 Perforations _____
 Packer Set 8021-8027 Type Dual Bobtail Size 8 3/4 Tool Size 4 3/4 Tool Joint Size 4 1/2 Rif
 Main Hole 9 7/8 Rat Hole _____ Casing Size _____ Liner _____
 Time Packer Set _____ M. Packer Set for _____ Hrs. 58 Mins.
 Time Tool Open _____ M. Tool open for 1 Hrs. 16 Mins.
 Initial Shut In 1 Hrs. 7 Mins. Final Shut In _____ Hrs. 35 Mins.

RECORDERS

Type <u>AK 1</u> Capacity <u>8000-3697N</u> No. <u>1313</u> Top Recorder Depth _____ Clock No. <u>6472-12hr</u>
Type <u>AK 1</u> Capacity <u>8000-3696N</u> No. <u>1753</u> Middle Rec. Depth <u>8036</u> Clock No. <u>7053-12hr</u>
Type <u>AK 1</u> Capacity <u>8200-4480N</u> No. <u>1758</u> Bottom Rec. Depth <u>8041</u> Clock No. <u>6810-24hr</u>
Type _____ Capacity _____ No. _____ Depth _____ Clock No. _____

TITLE	RECORDER NO.	RECORDER NO.	RECORDER NO.
IHP (Initial Hydrostatic Pressure)	<u>6554</u> P.S.I.	<u>6561</u> P.S.I.	P.S.I.
ISIP (Initial Shut-In Pressure)	<u>3937</u> P.S.I.	<u>3939</u> P.S.I.	P.S.I.
IFP (Initial Flow Pressure)	<u>1213</u> P.S.I.	<u>1237</u> P.S.I.	P.S.I.
FFP (Final Flow Pressure)	<u>1313</u> P.S.I.	<u>1338</u> P.S.I.	P.S.I.
FSIP (Final Shut-In Pressure)	<u>2358</u> P.S.I.	<u>2361</u> P.S.I.	P.S.I.
FHP (Final Hydrostatic Pressure)	<u>6546</u> P.S.I.	<u>6557</u> P.S.I.	P.S.I.

Max. Temp. _____ Jar Size 4 3/4 Type Bowen Safety Joint Homco & Sutliff
 Mud Type Clay Weight 115.5 Viscosity 51 Fluid Cushion 1965 N2Cushion _____ psi
 Circulating Tool K. O. Tool Plug () (No) Packer Hold (Yes) ()
 Recovered 1965 water cushion 455ft gassy watery mud 384 ft. salt water
 Blow Weak throughout test.
 Remarks _____

Operators Time _____ Tool Rental Time _____ No. of Rubbers Damaged _____
 Operator: Van Lucas Test Approved By: _____

COOK TESTING COMPANY SHALL NOT BE LIABLE, DIRECTLY OR INDIRECTLY FOR DAMAGE OF ANY KIND TO THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS BEING MADE OR FOR ANY LOSS SUFFERED OR SUSTAINED THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENT OF OPINION CONCERNING THE RESULTS OF ANY TEST.

COOK TESTING COMPANY
ENGINEERED FORMATION TESTING

Test Ticket No. 13799
Date: 8-8-62

COMPANY: Reserve Oil & Gas Company District: Sacramento Customer's Order No. _____
 Division _____ Well & Lease No. Esmond #1 County Linn State Oregon
 Field Lebanon Mail Invoice to P. O. Box 711, Lebanon, Oregon Mail Charts to Same 6 Copies
 FORMATION TEST STRADDLE ORIGINAL CHARTS
 CASING TEST Lap Test Shoot & Test Jet Bullets Number of Shots
 Test No. 4 Series _____ Original Ticket No. _____ (OK) (~~MISRUN~~) OK
 Total Depth _____ Zone Tested _____ to _____
 Anchor Length 51' Size 4 5/8 Perforations _____
 Packer Set _____ Type Dual Bobtail Size 8 3/4 Tool Size 4 3/4 Tool Joint Size 4 1/2 Rif
 Main Hole 9 7/8 Rat Hole _____ Casing Size _____ Liner _____
 Time Packer Set _____ M. Packer Set for _____ Hrs. _____ Mins.
 Time Tool Open _____ M. Tool open for _____ Hrs. _____ Mins.
 Initial Shut In _____ Hrs. _____ Mins. Final Shut In _____ Hrs. _____ Mins.

RECORDERS

Type <u>AK 1</u> Capacity <u>8400-4327N</u> No. <u>704</u> Top Recorder Depth _____ Clock No. <u>6472-12hr</u>
Type <u>AK 1</u> Capacity <u>8800-4506N</u> No. <u>714</u> Middle Rec. Depth _____ Clock No. <u>7053-12hr</u>
Type <u>AK 1</u> Capacity <u>8000-3641N</u> No. <u>1358</u> Bottom Rec. Depth _____ Clock No. <u>7051-24hr</u>
Type _____ Capacity _____ No. _____ Depth _____ Clock No. _____

TITLE	RECORDER NO.	RECORDER NO.	RECORDER NO.
IHP (Initial Hydrostatic Pressure)	<u>5734</u> P.S.I.	<u>5779</u> P.S.I.	<u>5780</u> P.S.I.
ISIP (Initial Shut-In Pressure)	<u>5428</u> P.S.I.	<u>5475</u> P.S.I.	<u>5471</u> P.S.I.
IFP (Initial Flow Pressure)	<u>1546</u> P.S.I.	<u>3863</u> P.S.I.	<u>3870</u> P.S.I.
FFP (Final Flow Pressure)	<u>4314</u> P.S.I.	<u>4482</u> P.S.I.	<u>4512</u> P.S.I.
FSIP (Final Shut-In Pressure)	<u>5299</u> P.S.I.	<u>5332</u> P.S.I.	<u>5325</u> P.S.I.
FHP (Final Hydrostatic Pressure)	<u>5635</u> P.S.I.	<u>5680</u> P.S.I.	<u>5676</u> P.S.I.

Max. Temp. _____ Jar Size 4 3/4 Type Bowen Safety Joint Homco & Sutliff
 Mud Type _____ Weight _____ Viscosity _____ Fluid Cushion _____ N2Cushion _____ psi
 Circulating Tool _____ Tool Plug (Yes) (No) Packer Hold (Yes) (No)
 Recovered _____
 Blow _____
 Remarks _____

Operators Time _____ Tool Rental Time _____ No. of Rubbers Damaged _____
 Operator: Van Lucas Test Approved By: _____

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COOK TESTING COMPANY
ENGINEERED FORMATION TESTING

Test Ticket No. 13923
Date: 7-8-62

COMPANY: Reserve Oil & Gas District: Sacramento Customer's Order No. DO 2893
 Division _____ Well & Lease No. Esmond #1 County Linn State Oregon
 Field Lebanon Mail Invoice to Box 7, Lebanon, Oregon Mail Charts to Same as above 6 Copies
 FORMATION TEST STRADDLE ORIGINAL CHARTS
 CASING TEST Lap Test Shoot & Test Jet Bullets Number of Shots
 Test No. #3 Series _____ Original Ticket No. 13923 (OK) (~~MISRUN~~) OK
 Total Depth _____ Zone Tested _____ to _____
 Anchor Length _____ Size _____ Perforations _____
 Packer Set _____ Type BT Size 8-1/2 Tool Size 3-1/2 Cook Tool Joint Size 4-1/2 RIF
 Main Hole 9-7/8 Rat Hole _____ Casing Size _____ Liner _____
 Time Packer Set _____ M. Packer Set for _____ Hrs. _____ Mins.
 Time Tool Open NO DOPE HOLE M. Tool open for _____ Hrs. _____ Mins.
 Initial Shut In _____ Hrs. _____ Mins. Final Shut In _____ Hrs. _____ Mins.

RECORDERS

Type <u>AK-1</u> Capacity <u>8000-3641N</u> No. <u>1568</u> Top Recorder Depth <u>NO DOPE</u> Clock No. <u>6472-12</u>
Type <u>AK-1</u> Capacity <u>8000-3697N</u> No. <u>1313</u> Bottom Rec. Depth <u>NO DOPE</u> Clock No. <u>7027-12</u>
Type <u>AK-1</u> Capacity <u>8000-3696N</u> No. <u>1753</u> Straddle Rec. Depth <u>NO DOPE</u> Clock No. <u>7053-12</u>
Type _____ Capacity _____ No. _____ Depth _____ Clock No. _____

TITLE	RECORDER NO.	RECORDER NO.	RECORDER NO.
IHP (Initial Hydrostatic Pressure)	<u>1568</u> P.S.I.	<u>1313</u> P.S.I.	<u>1753</u> P.S.I.
ISIP (Initial Shut-In Pressure)	<u>3081</u> P.S.I.	<u>3150</u> P.S.I.	<u>3157</u> P.S.I.
IFP (Initial Flow Pressure)	<u>1633</u> P.S.I.	<u>1652</u> P.S.I.	<u>1665</u> P.S.I.
FFP (Final Flow Pressure)	<u>155</u> P.S.I.	<u>178</u> P.S.I.	<u>194</u> P.S.I.
FSIP (Final Shut-In Pressure)	<u>89</u> P.S.I.	<u>118</u> P.S.I.	<u>124</u> P.S.I.
FHP (Final Hydrostatic Pressure)	<u>376</u> P.S.I.	<u>396</u> P.S.I.	<u>408</u> P.S.I.
	<u>3081</u> P.S.I.	<u>3146</u> P.S.I.	<u>3141</u> P.S.I.

Max. Temp. _____ Jar Size 3-1/2 Type BI #1740 Safety Joint Homco
 Mud Type Clay Weight 92 Viscosity 50 Fluid Cushion _____ N2Cushion _____ psi
 Circulating Tool KO Sub Tool Plug () (No) Packer Hold (Yes) ()
 Recovered _____
 Blow NO DOPE HOLE
 Remarks _____

Operators Time _____ Tool Rental Time _____ No. of Rubbers Damaged One 8-1/2
 Operator: N. G. Jamison Test Approved By: _____

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COOK TESTING COMPANY
ENGINEERED FORMATION TESTING

Test Ticket No. 13919
Date: 7-1-62

COMPANY: Reserve Oil & Gas Company District: Sacramento Customer's Order No. DO 2891
 Division _____ Well & Lease No. Esmond #1 County Linn State Oregon
 Field Lebanon Mail Invoice to Box 7, Lebanon, Oregon Mail Charts to Same 5 copies
 FORMATION TEST STRADDLE ORIGINAL CHARTS
 CASING TEST Lap Test Shoot & Test Jet Bullets Number of Shots
 Test No. #2 Series _____ Original Ticket No. 13919 (OK) (~~MISRUN~~) OK
 Total Depth _____ Zone Tested _____ to _____
 Anchor Length _____ Size _____ Perforations _____
 Packer Set N.D. Type Bobtail Size 8' Tool Size 3' Cook Tool Joint Size 4' RIF
 Main Hole 9-7/8 Rat Hole _____ Casing Size _____ Liner _____
 Time Packer Set _____ M. Packer Set for _____ Hrs. _____ Mins.
 Time Tool Open NO DOPE M. Tool open for NO DOPE Hrs. _____ Mins.
 Initial Shut In _____ Hrs. _____ Mins. Final Shut In _____ Hrs. _____ Mins.

RECORDERS

Type <u>AK-1</u> Capacity <u>4500-1324</u> No. <u>715</u> Top Recorder Depth <u>No Dope</u> Clock No. <u>6798-12</u>
Type <u>AK-1</u> Capacity <u>4500-1361</u> No. <u>718</u> Bottom Rec. Depth <u>No Dope</u> Clock No. <u>6472-12</u>
Type <u>AK-1</u> Capacity <u>4006-521</u> No. <u>1713</u> Straddle Rec. Depth <u>No Dope</u> Clock No. <u>6961-12</u>
Type _____ Capacity _____ No. _____ Depth _____ Clock No. _____

TITLE	RECORDER NO.	RECORDER NO.	RECORDER NO.
IHP (Initial Hydrostatic Pressure)	<u>715</u> P.S.I.	<u>718</u> P.S.I.	<u>1713</u> P.S.I.
ISIP (Initial Shut-In Pressure)	<u>2475</u> P.S.I.	<u>2500</u> P.S.I.	<u>2492</u> P.S.I.
IFP (Initial Flow Pressure)	<u>424</u> P.S.I.	<u>440</u> P.S.I.	<u>432</u> P.S.I.
FFP (Final Flow Pressure)	<u>47</u> P.S.I.	<u>72</u> P.S.I.	<u>77</u> P.S.I.
FSIP (Final Shut-In Pressure)	<u>117</u> P.S.I.	<u>122</u> P.S.I.	<u>126</u> P.S.I.
FHP (Final Hydrostatic Pressure)	<u>2470</u> P.S.I.	<u>2500</u> P.S.I.	<u>2492</u> P.S.I.

Max. Temp. _____ Jar Size 3 1/2 Type B.I. 1740 Safety Joint _____
 Mud Type Clay Weight 85 Viscosity 48 Fluid Cushion _____ N2Cushion _____ psi
 Circulating Tool knockout sub Tool Plug () (No) Packer Hold (Yes) ()
 Recovered NO DOPE
 Blow _____
 Remarks _____

Operators Time _____ Tool Rental Time _____ No. of Rubbers Damaged _____
 Operator: N. G. Jamison Test Approved By: _____

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COOK TESTING CO. Test Ticket # 14614

ENGINEERED FORMATION TESTING

Customer's Order No. DC2888
Customer's Contract No. _____
Date 6-23-62

COMPANY: Reserve Oil and Gas Co. Test Approved by: _____
 Division Western District Western
 Well & Lease No. Esmond #1, Sec 7 County Linn State Oregon
 Field Lebanon Mail Invoice to P. O. Box 7, Lebanon, Oregon Mail Charts to P. O. Box 44, Bakersfield, California Copies
 FORMATION TEST STRADDLE ORIGINAL CHARTS
 CASING TEST Lap Test Shoot & Test Jet Bullets No. of Shots
 Test No. 1 Series _____ Original Ticket No. _____ (O.K.) (~~MISRUN~~)
 Total Depth 2941 Zone Tested 2891 to 2941
 Anchor Length _____ Size _____ Perforations _____
 Packer type 2-B, T. Packer Size 8-1/2 Tool Size 4-3/4 Tool Joint size _____
 Main Hole 9-7/8 Rat Hole _____ Casing Size _____ Liner _____
 Time Packer Set _____ M. Packer Set for 1 Hrs. 17 Mins.
 Time Tool Open _____ M. Tool Open for NO DOPE Hrs. 45 Mins.
 Initial Shut In _____ Hrs. _____ Mins. Final Shut In _____ Hrs. 15 Mins.

RECORDERS:

Type <u>AK #1</u> Capacity <u>4000#</u> No. <u>1713</u>
Top Recorder <u>AK #1</u> <u>2879</u> Capacity <u>4500#</u> Clock No. <u>6961</u>
Bottom Recorder Depth <u>2936</u> Capacity _____ Clock No. <u>4360</u>
Straddle Recorder Depth <u>Middle - 2931</u> Capacity _____ Clock No. <u>4721</u>
Type <u>AK #1</u> Capacity <u>4500 #</u> No. <u>715</u>
Type _____ Capacity _____ No. _____

Max. Temp. _____ Jar Size 3-1/2 Type Bowen ITCO 1740 Safety Joint _____
 Mud Type Clay Weight 82 Viscosity 47 Fluid Cushion _____ N2 Cushion _____ psi
 Circulating Tool Bar Type Tool Plug: () (No) Packer Hold: (Yes) ()
 Recovered 144 ft drilling fluid
 Blow Medium decreasing to very light
 Remarks _____

Operator's Time _____ Tool Rental Time _____ No. of Rubbers Damaged _____
 Operator: H. H Valkmar

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