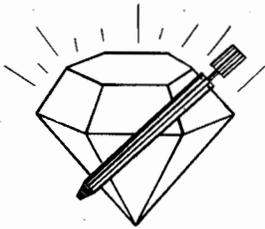


33-85-29W



DIAMOND TESTING
P. O. Box 157
HOISINGTON, KANSAS 67544
(316) 653-7550
DRILL-STEM TEST TICKET

Company L. D. DRILLING INC. Lease & Well No. REITCHECK #1
Contractor LOBO DRILLING RIG 1 Charge to L. D. DRILLING INC.
Elevation 2830 K.B. Formation TORONTO Effective Pay _____ Ft. Ticket No. 20170
Date 4-27-81 Sec. 33 Twp. 8S Range 29W County SHERIDAN State KANSAS
Test Approved By [Signature] Diamond Representative [Signature]

Formation Test No. 1 Interval Tested from 3894 ft. to 3920 ft. Total Depth 3920 ft.
Packer Depth 3889 ft. Size 6 3/4 in. Packer Depth — ft. Size — in.
Packer Depth 3894 ft. Size 6 3/4 in. Packer Depth — ft. Size — in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 3912 ft. Recorder Number 13387 Cap. 3900 PSI
Bottom Recorder Depth (Outside) 3917 ft. Recorder Number 13386 Cap. 3875 PSI
Below Straddle Recorder Depth — ft. Recorder Number — Cap. —

Mud Type CHEMICAL Viscosity 39 Drill Collar Length 0 I.D. — in.
Weight 9.1 Water Loss 13.8 cc. Weight Pipe Length 440 FT I.D. 2 3/4 in.
Chlorides 3,000 P.P.M. Drill Pipe Length 3,428 FT I.D. 3 1/2 in.
Jars: Make NOT RUN Serial Number — Test Tool Length 26 ft. Tool Size 3 1/2 in.
Did Well Flow? NO Reversed Out NO Anchor Length 26 ft. Size 4 1/2 in.
Main Hole Size 7 7/8 Tool Joint Size 6 3/4 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

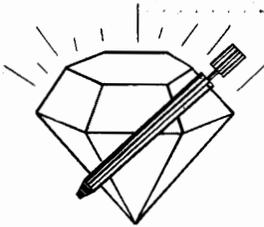
Blow: 1ST FLOW: WEAK BLOW (BUILDING TO 1" BI END OF PERIOD)
2ND FLOW: WEAK BLOW (BUILDING TO 1 1/2" BI END)

Recovered 120 ft. of MUDDY WATER (50% mud 50% WATER)
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Recovered _____ ft. of _____	Price Job \$ <u>350.00</u>
Remarks: _____	Other Charges _____
	Insurance _____
	Total \$ <u>350.00</u>

Time Set Packer(s) 3:40 ^{A.M.} P.M. Time Started Off Bottom 6:40 ^{A.M.} P.M. Maximum Temperature 118°
Initial Hydrostatic Pressure (A) 1972 P.S.I.
Initial Flow Period Minutes 30 (B) 39 P.S.I. to (C) 58 P.S.I.
Initial Closed In Period Minutes 45 (D) 1170 P.S.I.
Final Flow Period Minutes 60 (E) 69 P.S.I. to (F) 88 P.S.I.
Final Closed In Period Minutes 45 (G) 1124 P.S.I.
Final Hydrostatic Pressure (H) 1941 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or person of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



DIAMOND TESTING
 P. O. Box 157
HOISINGTON, KANSAS 67544
 (316) 653-7550
DRILL-STEM TEST TICKET

3929 80
 500' by 500'
 71 150 1270

Company L.D. DRILLING INC Lease & Well No. REITCHECK #1
 Contractor LOBO DRILLING R161 Charge to L.D. DRILLING INC
 Elevation 2830 K.B. Formation LKC Effective Pay _____ Ft. Ticket No. 20171
 Date 4-22-87 Sec. 33 Twp. 8S Range 29W County SHERIDAN State KANSAS
 Test Approved By [Signature] Diamond Representative [Signature]

Formation Test No. 2 Interval Tested from 3929 ft. to 3982 ft. Total Depth 3982 ft.
 Packer Depth 3924 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 3929 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____
 Top Recorder Depth (Inside) 3974 ft. Recorder Number 13327 Cap. 3900 PSI
 Bottom Recorder Depth (Outside) 3979 ft. Recorder Number 13326 Cap. 3875 PSI
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____

Mud Type CHEMICAL Viscosity 43 Drill Collar Length 0 I.D. _____ in.
 Weight 9.3 Water Loss 10.4 cc. Weight Pipe Length 440 FT I.D. 2 3/4 in.
 Chlorides 2,000 P.P.M. Drill Pipe Length _____ I.D. 3 1/2 in.
 Jars: Make NOT RUN Serial Number _____ Test Tool Length 26 ft. Tool Size 3 1/2 in.
 Did Well Flow? NO Reversed Out NO Anchor Length 5.3 ft. Size 5 1/2 in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1ST FLOW: GOOD BLOW (INITIAL 1" BLOW BUILDING TO 8")
2ND FLOW: GOOD BLOW (STARTED BLOWING 5 MIN INTO PERIOD BLOWING TO 6" BY END)

Recovered 560 ft. of TOTAL FLUID NO BLOW ON SHUT-IN'S
 Recovered 120 ft. of DRILLING MUD
 Recovered 120 ft. of MUDDY WATER
 Recovered 320 ft. of WATER

Price Job	<u>350.00</u>
Other Charges	_____
Insurance	_____
Total	<u>350.00</u>

Time Set Packer(s) 7:00 A.M. Time Started Off Bottom 9:45 P.M. Maximum Temperature 128°
 Initial Hydrostatic Pressure (A) 2010 P.S.I.
 Initial Flow Period Minutes 30 (B) 79 P.S.I. to (C) 188 P.S.I.
 Initial Closed In Period Minutes 45 (D) 1290 P.S.I.
 Final Flow Period Minutes 45 (E) 237 P.S.I. to (F) 306 P.S.I.
 Final Closed In Period Minutes 45 (G) 1264 P.S.I.
 Final Hydrostatic Pressure (H) 1984 P.S.I.

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DIAMOND TESTING
P. O. Box 157
HOISINGTON, KANSAS 67544
(316) 653-7550
DRILL-STEM TEST TICKET

Company L.D. DRILLING INC Lease & Well No. REITCHECK #1
Contractor LOBO DRILLING #161 Charge to L.D. DRILLING INC
Elevation 2830 N.B. Formation LKC F ZONE Effective Pay _____ Ft. Ticket No. 20172
Date 4-22-27 Sec. 33 Twp. 8S Range 29W County SHERIDAN State KANSAS
Test Approved By _____ Diamond Representative John Paul

Formation Test No. 3 Interval Tested from 3992 ft. to 4007 ft. Total Depth 4007 ft.
Packer Depth 3987 ft. Size 6 3/4 in. Packer Depth _____ ft. Size 6 3/4 in.
Packer Depth 3992 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set Johnson

Top Recorder Depth (Inside) 3999 ft. Recorder Number 13387 Cap. 3900
Bottom Recorder Depth (Outside) 4004 ft. Recorder Number 13386 Cap. 3875
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____

Mud Type CHEMICAL Viscosity 43 Drill Collar Length 0 I.D. _____ in.
Weight 9.3 Water Loss 10.4 cc. Weight Pipe Length 440 FT I.D. 2 3/4 in.
Chlorides 2,000 P.P.M. Drill Pipe Length 3,526 I.D. 3 1/2 in.
Jars: Make NOT RUN Serial Number _____ Test Tool Length 26 ft. Tool Size 3 1/2 in.
Did Well Flow? NO Reversed Out NO Anchor Length 15 ft. Size 4 1/2 in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1ST FLOW: WEAK BLOW DEAD IN 10 MINUTES
2ND FLOW: NO BLOW

Recovered 3 ft. of DRILLING MUD
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Remarks: _____	Price Job <u>350.00</u>
_____	Other Charges _____
_____	Insurance _____
_____	Total <u>350.00</u>

Time Set Packer(s) 8:40 A.M. P.M. Time Started Off Bottom 10:00 A.M. P.M. Maximum Temperature 115°
Initial Hydrostatic Pressure (A) 2020 P.S.I.
Initial Flow Period Minutes 15 (B) 34 P.S.I. to (C) 34 P.S.I.
Initial Closed In Period Minutes 30 (D) 37 P.S.I.
Final Flow Period Minutes 15 (E) 35 P.S.I. to (F) 35 P.S.I.
Final Closed In Period Minutes 30 (G) 37 P.S.I.
Final Hydrostatic Pressure (H) 1988 P.S.I.

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DIAMOND TESTING
 P. O. Box 157
HOISINGTON, KANSAS 67544
 (316) 653-7550
DRILL-STEM TEST TICKET

Company L.D. DRILLING INC. Lease & Well No. REITCHECK #1
 Contractor LOBU DRILLING #161 Charge to L.D. DRILLING INC.
 Elevation 2830 K.B. Formation LKC Effective Pay _____ Ft. Ticket No. 10173
 Date 4-29-87 Sec. 33 Twp. 8S Range 29W County SHERIDAN State KANSAS
 Test Approved By [Signature] Diamond Representative [Signature]

Formation Test No. 4 Interval Tested from 4050 ft. to 4122 ft. Total Depth 4122 ft.
 Packer Depth 4045 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 4050 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4114 ft. Recorder Number 13381 Cap. 3900 PSI
 Bottom Recorder Depth (Outside) 4119 ft. Recorder Number 13386 Cap. 3875 PSI
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____

Mud Type CHEMICAL Viscosity 43 Drill Collar Length 0 I.D. _____ in.
 Weight 9.4 Water Loss 10.8 cc. Weight Pipe Length 440 FT I.D. 2 3/4 in.
 Chlorides 2,000 P.P.M. Drill Pipe Length _____ I.D. 3 1/2 in.
 Jars: Make NOT RUN Serial Number _____ Test Tool Length 26 ft. Tool Size 3 1/2 in.
 Did Well Flow? NO Reversed Out _____ Anchor Length 72 FT ^{31 Fiber Pipe} 4119 ft. Size 4 1/2 in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1ST FLOW: STRONG BLOW (BTM BUCKET IN 5 MINUTES)
2ND FLOW: STRONG BLOW (BT BUCKET 12" IN 20 MINUTES)

Recovered 420 ft. of GAS IN PIPE
 Recovered 90 ft. of GAS CUT MUD
 Recovered 30 ft. of GAS + OIL CUT MUD (10% GAS 20% OIL 70% MUD)

Recovered _____ ft. of _____	Price Job	<u>350.00</u>
Recovered _____ ft. of _____	Other Charges	_____
Remarks: _____	Insurance	_____
	Total	<u>350.00</u>

Time Set Packer(s) 1:50 ^{A.M.} P.M. Time Started Off Bottom 4:35 ^{A.M.} P.M. Maximum Temperature 117^o
 Initial Hydrostatic Pressure (A) 2100 P.S.I.
 Initial Flow Period Minutes 30 (B) 86 P.S.I. to (C) 89 P.S.I.
 Initial Closed In Period Minutes 45 (D) 209 P.S.I.
 Final Flow Period Minutes 45 (E) 107 P.S.I. to (F) 111 P.S.I.
 Final Closed In Period Minutes 45 (G) 178 P.S.I.
 Final Hydrostatic Pressure (H) 2073 P.S.I.

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