



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: ROSE2-1DST5

TIME ON: 1710 (7/19)
TIME OFF: 0150 (7/20)

Company HARTMAN OIL CO.,INC. Lease & Well No. ROSE #2-1
Contractor H2 Drilling LLC RIG2 Charge to HARTMAN OIL CO.,INC.
Elevation 3130 KB Formation JOHN ZN Effective Pay _____ Ft. Ticket No. M677
Date 7/19/2014 Sec. 1 Twp. 16 S Range 35 W County WICHITA State KANSAS
Test Approved By KITT NOAH Diamond Representative MIKE COCHRAN

Formation Test No. 5 Interval Tested from 4604 ft. to 4630 ft. Total Depth 4630 ft.
Packer Depth 4625 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 4630 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4612 ft. Recorder Number 0063 Cap. 6,000 P.S.I.
Bottom Recorder Depth (Outside) 4632 ft. Recorder Number E1150 Cap. 5,000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEM Viscosity 50 Drill Collar Length 252 ft. I.D. 2 1/4 in.
Weight 9.4 Water Loss 9.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 7,200 P.P.M. Drill Pipe Length 4325 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 3 Test Tool Length 27 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 26 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: NO BLOW, FLUSH TOOL, NO BLOW (NO BB)
2nd Open: NO BLOW (NO BB)

Recovered ~1 ft. of MUD 100% MUD
Recovered ~1 ft. of TOTAL FLUID
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Remarks: _____	Price Job
_____	Other Charges
_____	Insurance
TOOL SAMPLE: <u>MUD 100% MUD</u>	Total

Time Set Packer(s) 8:15 P.M. ^{A.M.}/_{P.M.} Time Started Off Bottom 10:45 P.M. ^{A.M.}/_{P.M.} Maximum Temperature 118°F

Initial Hydrostatic Pressure..... (A) 2140 P.S.I.
Initial Flow Period..... Minutes 30 (B) 7 P.S.I. to (C) 11 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 177 P.S.I.
Final Flow Period..... Minutes 30 (E) 10 P.S.I. to (F) 11 P.S.I.
Final Closed In Period..... Minutes 45 (G) 81 P.S.I.
Final Hydrostatic Pressure..... (H) 2103 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel 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

Pressure Survey Report

General Information

Company Name	HARTMAN OIL CO.,INC.	Job Number	M677
Well Name	ROSE #2-1	Representative	MIKE COCHRAN
Unique Well ID	ROSE #2-1 DST#5	Well Operator	HARTMAN OIL CO.,INC.
Surface Location	SEC.1-16S-35W WICHITA CO.KS.	Report Date	2014/07/19
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	KITT NOAH
		Test Unit	NO. 3

Test Information

Test Type	CONVENTIONAL		
Formation	ROSE #2-1 DST#5		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2014/07/19	Start Test Time	17:10:00
Final Test Date	2014/07/20	Final Test Time	01:50:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

Test Results

Remarks RECOVERED:
~1' MUD 100% MUD
~1' TOTAL FLUID

TOOL SAMPLE: 100% MUD

HARTMAN OIL CO.,INC.
ROSE #2-1 DST#5
Start Test Date: 2014/07/19
Final Test Date: 2014/07/20

ROSE #2-1
Formation: ROSE #2-1 DST#5
Pool: WILDCAT
Job Number: M677

ROSE #2-1

