



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: pat1dst3

TIME ON: 11:25 PM
TIME OFF: 9:00 AM

Company CNG Lease & Well No. Pat #1
Contractor WW #4 Charge to CNG
Elevation GL 1483 Formation Simpson Sand Effective Pay _____ Ft. Ticket No. K258
Date 9-24-15 Sec. 26 Twp. 32 S Range 12 W County Barber State KANSAS
Test Approved By Bruce Reed Diamond Representative Jason McLemore

Formation Test No. 3 Interval Tested from 4692 ft. to 4729 ft. Total Depth 4729 ft.
Packer Depth 4687 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4692 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4677 ft. Recorder Number 5513 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 4678 ft. Recorder Number 5588 Cap. 6000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Mud Type Chemical Viscosity 57 Drill Collar Length 120 ft. I.D. 2 1/4 in.
Weight 9.6 Water Loss 13.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 14000 P.P.M. Drill Pipe Length 4539 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 6 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Did Well Flow? No Reversed Out No Anchor Length 37 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: Strong, BOB in 20 Seconds, Blowback BOB in 10 Min.

2nd Open: Strong, BOB in 25 Seconds, Blowback BOB in 16 Min.

Recovered 300 ft. of VSOCMW, 3% Oil, 90% Water, 7% Mud

Recovered 3700 ft. of Salt Water

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: CHLORIDES: 100,000

PH: 7

Price Job

Other Charges

Insurance

Total

Time Set Packer(s) 1:52 AM A.M. P.M. Time Started Off Bottom 4:52 AM A.M. P.M. Maximum Temperature 133

Initial Hydrostatic Pressure..... (A) 2320 P.S.I.
Initial Flow Period..... Minutes 30 (B) 717 P.S.I. to (C) 1666 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1831 P.S.I.
Final Flow Period..... Minutes 45 (E) 1685 P.S.I. to (F) 1831 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1837 P.S.I.
Final Hydrostatic Pressure..... (H) 2307 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.



JASON MCLEMORE

CELL # 620-617-0527

General Information

Company Name	CNG	Charles N Griffin	Job Number	K258
Contact		Pat #1	Representative	Jason McLemore
Well Name		DST #3 Simpson Sand	Well Operator	CNG
Unique Well ID		4692-4729	Prepared By	Jason McLemore
Surface Location		25-32s-12w Barber	Wildcat Qualified By	Bruce Reed
Field			Test Unit	6
Well Type		Vertical		

Test Information

Test Type	Drill Stem Test	Well Operator	Jason McLemore
Formation	Simpson Sand	Report Date	2015/09/25
Well Fluid Type	01 Oil	Prepared By	Jason McLemore
Test Purpose (AEUB)	Initial Test		

Start Test Date	2015/09/24	Start Test Time	23:25:00
Final Test Date	2015/09/25	Final Test Time	09:00:00

Test Results

RECOVERED:

300	VSOCMW, 3% Oil, 90% Water, 7% Mud
3700	Salt Water
4000	TOTAL FLUID

CNG
DST #3 Simpson Sand 4692-4729
Start Test Date: 2015/09/24
Final Test Date: 2015/09/25

Pat #1
Formation: Simpson Sand
Pool: Wildcat
Job Number: K258

Pat #1

