



**DIAMOND TESTING, LLC**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(620) 653-7550 • (800) 542-7313  
pat1dst1

Company Charles N. Griffin Lease & Well No. Pat No. 1  
Elevation 1483 GL Formation Elgin Sand Effective Pay      Ft. Ticket No. K256  
Date 9-21-15 Sec. 25 Twp. 32S Range 12W County Barber State Kansas  
Test Approved By Bruce A. Reed Diamond Representative Jason McLemore

Formation Test No. 1 Interval Tested from 3,372 ft. to 3,478 ft. Total Depth 3,478 ft.  
Packer Depth 3,367 ft. Size 6 3/4 in. Packer Depth      ft. Size      in.  
Packer Depth 3,372 ft. Size 6 3/4 in. Packer Depth      ft. Size      in.  
Depth of Selective Zone Set      ft.

Top Recorder Depth (Inside) 3,353 ft. Recorder Number 5513 Cap. 5,000 psi.  
Bottom Recorder Depth (Outside) 3,354 ft. Recorder Number 5588 Cap. 6,000 psi.  
Below Straddle Recorder Depth      ft. Recorder Number      Cap.      psi.

Drilling Contractor VW Drilling, LLC - Rig 4 Drill Collar Length 120 ft. I.D. 2 1/4 in.  
Mud Type Chemical Viscosity 28 Weight Pipe Length      ft. I.D.      in.  
Weight 9.8 Water Loss      cc. Drill Pipe Length 3,219 ft. I.D. 3 1/2 in.  
Chlorides 77,000 P.P.M. Test Tool Length 33 ft. Tool Size 3 1/2-IF in.  
Jars: Make Sterling Serial Number 6 Anchor Length 12' perf. w/94' drill pipe Size 4 1/2-FH in.  
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.  
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-XH in.

Blow: 1st Open: Good blow increasing. Off bottom of bucket in 6 mins. No blow back during shut-in.  
2nd Open: Strong blow increasing. Off bottom of bucket on open. Gas to surface in 14 mins. Too weak to gauge. No blow back during shut-in.

Recovered 225 ft. of drilling mud = 2.084550 bbls.  
Recovered      ft. of       
Recovered      ft. of       
Recovered      ft. of       
Recovered      ft. of       
Recovered      ft. of     

Remarks     

Time Set Packer(s) 12:39 A.M. Time Started off Bottom 2:39 A.M. Maximum Temperature 105°  
Initial Hydrostatic Pressure.....(A) 1551 P.S.I.  
Initial Flow Period.....Minutes 30 (B) 15 P.S.I. to (C) 67 P.S.I.  
Initial Closed In Period.....Minutes 30 (D) 933 P.S.I.  
Final Flow Period.....Minutes 30 (E) 82 P.S.I. to (F) 97 P.S.I.  
Final Closed In Period.....Minutes 30 (G) 550 P.S.I.  
Final Hydrostatic Pressure.....(H) 1532 P.S.I.



**JASON MCLEMORE**

**CELL # 620-617-0527**

**General Information**

Company Name	Charles N. Griffin		
Contact	Charles N. Griffin	Job Number	K256
Well Name	Pat #1	Representative	Jason McLemore
Unique Well ID	DST #1 Elgin Sand 3372-3478	Well Operator	Charles N.Griffin
Surface Location	25-32s-12w Barber	Prepared By	Jason McLemore
Field	Toni-Mike NE	Qualified By	Bruce Reed
Well Type	Vertical	Test Unit	6

**Test Information**

Test Type	Drill Stem Test	Representative	Jason McLemore
Formation	Elgin Sand	Well Operator	Charles N. Griffin
Well Fluid Type		Report Date	2015/09/21
Test Purpose (AEUB)		Prepared By	Jason McLemore

Start Test Date	2015/09/20	Start Test Time	22:35:00
Final Test Date	2015/09/21	Final Test Time	04:57:00

**Test Results**

RECOVERED:

225'	Drilling Mud
225'	TOTAL FLUID

Pat #1  
Formation: Elgin Sand  
Pool: Toni-Mike NE  
Job Number: K256

Charles N. Griffin  
DST #1 Elgin Sand 3372-3478  
Start Test Date: 2015/09/20  
Final Test Date: 2015/09/21

# Pat #1

