

DIAMOND TESTING, LLC
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (620) 653-7550 • (800) 542-7313
 andfish1dst1

Company Charles N. Griffin Lease & Well No. Andrea Fisher No. 1
 Elevation 1599 KB Formation Simpson Sand Effective Pay Ft. Ticket No. K115
 Date 4-10-14 Sec. 15 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 4,760 ft. to 4,860 ft. Total Depth 4,860 ft.
 Packer Depth 4,755 ft. Size 6 3/4 in. Packer Depth ft. Size in.
 Packer Depth 4,760 ft. Size 6 3/4 in. Packer Depth ft. Size in.
 Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,748 ft. Recorder Number 5513 Cap. 5,000 psi.
 Bottom Recorder Depth (Outside) 4,749 ft. Recorder Number 5588 Cap. 6,000 psi.
 Below Straddle Recorder Depth ft. Recorder Number Cap. psi.

Drilling Contractor Maverick Drilling, LLC - Rig 106 Drill Collar Length ft. I.D. in.
 Mud Type Chemical Viscosity 48 Weight Pipe Length ft. I.D. in.
 Weight 9.1 Water Loss 7.8 cc. Drill Pipe Length 4,735 ft. I.D. 3 1/2 in.
 Chlorides 4,900 P.P.M. Test Tool Length 25 ft. Tool Size 3 1/2-IF in.
 Jars: Make Sterling Serial Number Not Run Anchor Length 8' perf. w/92' 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 2 mins. No blow back during shut-in.
 2nd Open: Strong blow increasing. Off bottom of bucket on open. Gas to surface in 5 mins. Gauged gas. No blow back during shut-in. (SEE GAS VOLUME REPORT)

Recovered 105 ft. of oil cut mud = 1.494150 bbls. (Grind out: 20%-oil; 80%-mud)
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of

Remarks

Time Set Packer(s) 11:31 P.M. Time Started off Bottom 2:31 A.M. Maximum Temperature 126°
 Initial Hydrostatic Pressure.....(A) 2309 P.S.I.
 Initial Flow Period.....Minutes 30 (B) 27 P.S.I. to (C) 36 P.S.I.
 Initial Closed In Period.....Minutes 45 (D) 194 P.S.I.
 Final Flow Period.....Minutes 45 (E) 42 P.S.I. to (F) 55 P.S.I.
 Final Closed In Period.....Minutes 60 (G) 191 P.S.I.
 Final Hydrostatic Pressure.....(H) 2301 P.S.I.



JASON MCLEMORE

CELL # 620-617-0527

General Information

Company Name	CNG	Charles Griffin	Job Number	K115
Contact		Andrea Fisher #1	Representative	Jason McLemore
Well Name		DST #1 Simpson Sand	Well Operator	CNG
Unique Well ID		15-32s-12w-Barber	Prepared By	Jason McLemore
Surface Location		Bloom West	Qualified By	Bruce Reed
Field		Vertical	Test Unit	#6
Well Type				

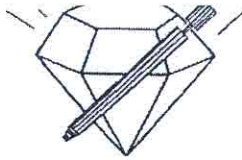
Test Information

Test Type	Drill Stem Test	Representative	Jason McLemore
Formation	Simpson Sand	Well Operator	CNG
Well Fluid Type	01 Oil	Report Date	2014/04/11
Test Purpose (AEUB)	Initial Test	Prepared By	Jason McLemore
Start Test Date	2014/04/10	Start Test Time	19:55:00
Final Test Date	2014/04/11	Final Test Time	06:15:00

Test Results

RECOVERED:

105'	Oil Cut Mud, 20% Oil, 80% Mud
105'	TOTAL FLUID



Company Charles N. Griffin Lease & Well No. Andrea Fisher No. 1
 Date 4-10-14 Sec 15 Twp 32 S Rge 12 W Location 2105' FNL & 385' FWL, SEC County Barber State Kansas
 Drilling Contractor Maverick Drilling, LLC - Rig 106 Formation Simpson Sand DST No. 1
 Remarks: 2nd Open: Gas to surface in 5 mins.

INITIAL FLOW

Time O' Clock	Orifice Size	Gauge	MCF/D

Open Tool: 12:46 a.m. **FINAL FLOW**

Time O' Clock	Orifice Size	Gauge	MCF/D
1:01 a.m.	3/4 in.	8 in.	40.0
1:11 a.m.	3/4 in.	5 in.	31.6
* 1:21 a.m.	3/4 in.	3 in.	24.5
1:31 a.m.	3/4 in.	3 in.	24.5

* Sample taken.

CNG
 DST #1 Simpson Sand
 Start Test Date: 2014/04/10
 Final Test Date: 2014/04/11

Andrea Fisher #1

Andrea Fisher #1
 Formation: Simpson Sand
 Pool: Wildcat
 Job Number: K1115

