



DIAMOND TESTING, LLC
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phylliskdst1

Company Charles N. Griffin Lease & Well No. Phyllis Krehbiel No. 1
Elevation 1458 KB Formation Simpson Sand Effective Pay _____ Ft. Ticket No. K086
Date 2-2-14 Sec. 13 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 4,604 ft. to 4,630 ft. Total Depth 4,630 ft.
Packer Depth 4,599 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 4,604 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____ ft.

Top Recorder Depth (Inside) 4,585 ft. Recorder Number 5513 Cap. 5,000 psi.
Bottom Recorder Depth (Outside) 4,586 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 57 Weight Pipe Length _____ ft. I.D. _____ in.
Weight 9.2 Water Loss 8.0 cc. Drill Pipe Length 4,571 ft. I.D. 3 1/2 in.
Chlorides 5,400 P.P.M. Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Jars: Make Sterling Serial Number 6 Anchor Length 26 ft. 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 4 mins. No blow back during shut-in.
2nd Open: Good blow increasing. Off bottom of bucket in 14 mins. No blow back during shut-in.

Recovered 180 ft. of gas in pipe
Recovered 90 ft. of oil cut watery mud = 1.280700 bbls. (Grind out: 3%-oil; 15%-water; 82%-mud)
Recovered 240 ft. of muddy water = 3.415200 bbls. (Grind out: 90%-water; 10%-mud) Chlorides: 74,000 Ppm PH: 7.0
Recovered 330 ft. of TOTAL FLUID = 4.695900 bbls.
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Remarks Tool Sample Grind Out: Salt water

Time Set Packer(s) 7:07 P.M. Time Started off Bottom 10:07 P.M. Maximum Temperature 126°
Initial Hydrostatic Pressure.....(A) 2313 P.S.I.
Initial Flow Period.....Minutes 30 (B) 41 P.S.I. to (C) 88 P.S.I.
Initial Closed In Period.....Minutes 45 (D) 1668 P.S.I.
Final Flow Period.....Minutes 45 (E) 98 P.S.I. to (F) 175 P.S.I.
Final Closed In Period.....Minutes 60 (G) 1661 P.S.I.
Final Hydrostatic Pressure.....(H) 2294 P.S.I.



JASON MCLEMORE

CELL # 620-617-0527

General Information

Company Name	Charles N. Griffin	Job Number	K086
Contact	Charles N. Griffin	Representative	Jason McLemore
Well Name	Phyllis Krehbiel #1	Well Operator	Charles N. Griffin
Unique Well ID	DST #1 Simpson Sand 4604-4630	Prepared By	Jason McLemore
Surface Location	13-32s-12w-Barber	Qualified By	Bruce Reed
Field	Bloom North	Test Unit	#6
Well Type	Vertical		

Test Information

Test Type	Drill Stem Test	Representative	Jason McLemore
Formation	Simpson Sand	Well Operator	Charles N. Griffin
Well Fluid Type	01 Oil	Report Date	2014/02/03
Test Purpose (AEUB)	Initial Test	Prepared By	Jason McLemore
Start Test Date	2014/02/02	Start Test Time	16:29:00
Final Test Date	2014/02/03	Final Test Time	01:08:00

Test Results

RECOVERED:
 90 OCWM, 3% Oil, 15% Water, 82% Mud
 240 Muddy Water, 90% Water, 10% Mud
 330 Total Fluid

180' Gas In Pipe

CHLORIDES: 74000
 PH: 7

Tool Sample: Salt Water

Charles N. Griffin
DST #1 Simpson Sand 4604-4630
Start Test Date: 2014/02/02
Final Test Date: 2014/02/03

Phyllis Krehbiel #1
Formation: Simpson Sand
Pool: Wildcat
Job Number: K086

Phyllis Krehbiel #1

