



DIAMOND TESTING, LLC
 P.O. Box 157
HOISINGTON, KANSAS 67544
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 GOODMAN1DST2

Company Knighton Oil Company, Inc. Lease & Well No. Goodman No. 1
 Elevation 2661 KB Formation Cherokee Sandstone Effective Pay Ft. Ticket No. T604
 Date 4-4-17 Sec. 14 Twp. 18S Range 27W County Lane State Kansas
 Test Approved By David D. Montague Diamond Representative Tim Venters

Formation Test No. 2 Interval Tested from 4,494 ft. to 4,580 ft. Total Depth 4,580 ft.
 Packer Depth 4,489 ft. Size 6 3/4 in. Packer Depth ft. Size in.
 Packer Depth 4,494 ft. Size 6 3/4 in. Packer Depth ft. Size in.
 Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,475 ft. Recorder Number 5504 Cap. 5,000 psi.
 Bottom Recorder Depth (Outside) 4,577 ft. Recorder Number 11029 Cap. 5,025 psi.
 Below Straddle Recorder Depth ft. Recorder Number Cap. psi.

Drilling Contractor WW Drilling, LLC - Rig 12 Drill Collar Length 120 ft I.D. 2 1/4 in.
 Mud Type Chemical Viscosity 63 Weight Pipe Length ft I.D. in.
 Weight 9.2 Water Loss 8.8 cc. Drill Pipe Length 4,341 ft I.D. 3 1/2 in.
 Chlorides 2,000 P.P.M. Test Tool Length 33 ft Tool Size 3 1/2-IF in.
 Jars: Make Sterling Serial Number 4 Anchor Length 22' perf. w/64' 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: Weak, surface blow increasing to 1/4 in. No blow back during shut-in.
 2nd Open: Very weak, surface blow lasting 3 mins. No blow back during shut-in.

Recovered 10 ft. of mud = .196800 bbls.
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of

Remarks: Tool Sample Grind Out: Oil specks; 100%-mud

Time Set Packer(s) 3:49 P.M. Time Started off Bottom 5:57 P.M. Maximum Temperature 116°
 Initial Hydrostatic Pressure.....(A) 2191 P.S.I.
 Initial Flow Period.....Minutes 38 (B) 13 P.S.I. to (C) 18 P.S.I.
 Initial Closed In Period.....Minutes 30 (D) 84 P.S.I.
 Final Flow Period.....Minutes 30 (E) 19 P.S.I. to (F) 21 P.S.I.
 Final Closed In Period.....Minutes 30 (G) 50 P.S.I.
 Final Hydrostatic Pressure.....(H) 2181 P.S.I.

DIAMOND TESTING, LLC

TESTER : TIM VENTERS
CELL # 620-388-6333

General Information

Company Name	KNIGHTON OIL COMPANY, INC.		
Contact	DAVE MONTAGUE	Job Number	T604
Well Name	GOODMAN #1	Representative	TIM VENTERS
Unique Well ID	DST #2, CHEROKEE SST, 4494-4580	Well Operator	KNIGHTON OIL COMPANY, INC.
Surface Location	SEC 14-18S-27W, LANE CO. KS.	Report Date	2017/04/04
Well License Number		Prepared By	TIM VENTERS
Field	WILDCAT		
Well Type	Vertical		

Test Information

Test Type	CONVENTIONAL
Formation	DST #2, CHEROKEE SST, 4494-4580
Well Fluid Type	01 Oil
Test Purpose	Initial Test

Start Test Date	2017/04/04	Start Test Time	12:55:00
Final Test Date	2017/04/04	Final Test Time	21:16:00

Gauge Name	5504
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Test Results

RECOVERED: 10' MUD

TOOL SAMPLE: OIL SPECKS, 100% MUD

GOODMAN #1
Formation: DST #2, CHEROKEE SST, 4494-4580
Pool: WILDCAT
Job Number: T604

KNIGHTON OIL COMPANY, INC.
DST #2, CHEROKEE SST, 4494-4580
Start Test Date: 2017/04/04
Final Test Date: 2017/04/04

GOODMAN #1

