



DIAMOND TESTING, LLC
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
BARNHILLA32DST1

Company Vess Oil Corporation Lease & Well No. Barnhill "A" No. 32
Elevation 1408 KB Formation Arbuckle Effective Pay _____ Ft. Ticket No. F269
Date 5-5-14 Sec. 6 Twp. 26S Range 5E County Butler State Kansas
Test Approved By Roger L. Martin Diamond Representative Jake Fahrenbruch

Formation Test No. 1 Interval Tested from 2,428 ft. to 2,488 ft. Total Depth 2,488 ft.
Packer Depth 2,423 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 2,428 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____ ft.

Top Recorder Depth (Inside) 2,406 ft. Recorder Number 5584 Cap. 5,000 psi.
Bottom Recorder Depth (Outside) 2,431 ft. Recorder Number 5951 Cap. 5,000 psi.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ psi.

Drilling Contractor C & G Drilling Company - Rig 1 Drill Collar Length 180 ft I.D. 2 1/4 in.
Mud Type Chemical Viscosity 53 Weight Pipe Length _____ ft I.D. _____ in.
Weight 9.4 Water Loss 9.2 cc. Drill Pipe Length 2,215 ft I.D. 3 in.
Chlorides 1,200 P.P.M. Test Tool Length 33 ft Tool Size 3 1/2-IF in.
Jars: Make Sterling Serial Number 5 Anchor Length 29' perf. w/31' 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-FH in.

Blow: 1st Open: Weak blow increasing to a fair, 5 1/2 in. blow. No blow back during shut-in.

2nd Open: Weak blow increasing to a fair, 7 3/4 in. blow. No blow back during shut-in.

Recovered 30 ft. of gas in pipe
Recovered 110 ft. of clean oil = .541200 bbls. (Grind out: 100%-oil) Gravity: 34.5 @ 60°
Recovered 40 ft. of oil cut mud = .196800 bbls. (Grind out: 10%-oil; 90%-mud)
Recovered 150 ft. of TOTAL FLUID = .738000 bbls.
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Remarks Tool Sample Grind Out: 25%-oil; 75%-mud

Time Set Packer(s) 2:02 P.M. Time Started off Bottom 5:02 P.M. Maximum Temperature 103°
Initial Hydrostatic Pressure.....(A) 1196 P.S.I.
Initial Flow Period.....Minutes 30 (B) 7 P.S.I. to (C) 32 P.S.I.
Initial Closed In Period.....Minutes 45 (D) 907 P.S.I.
Initial Flow Period.....Minutes 45 (E) 35 P.S.I. to (F) 67 P.S.I.
Initial Closed In Period.....Minutes 60 (G) 907 P.S.I.
Initial Hydrostatic Pressure.....(H) 1192 P.S.I.



Diamond Testing General Report

**JAKE
FAHRENBRUCH - TESTER**
Cell: (620) 282-8977

P.O. Box 157
Hoisington KS 67544
Office: (800) 542-7313

General Information

Company Name	Vess Oil Corp	Well Name	Barnhill A #32
Well Operator	Vess Oil Corp	Unique Well ID	DST #1 Arbuckle (2428'-2488')
Contact	Casey Coats	Surface Location	Sec 6-26s-5e-Butler Co.-KS
Site Contact	Roger Martin	Test Unit	#5
Field		Pool	
Well Type	Vertical	Job Number	F269
Prepared By	Jake Fahrenbruch	Qualified By	Roger Martin

Test Information

Test Type	Conv B-H w/J&SJ	Test Purpose	Initial Test
Formation	Arbuckle (2428'-2488')	Gauge Name	INSIDE 5584
Start Test Date	2014/05/05	Start Test Time	12:03:00
Final Test Date	2014/05/05	Final Test Time	19:17:00

Test Results

30 min initial flow:	Weak to fair blow, inc to 5.5".
45 min initial shut-in:	No blow-back.
45 min final flow:	Weak to fair blow, inc to 7.75".
60 min final shut-in:	No blow-back.

TOTAL RECOVERED FLUID: 150'

110'	CLEAN OIL	100% oil
40'	OCM	10% oil, 90% mud
----	+/- 30' GIP	
----	Gravity: 34.5 (corrected to 60 Deg F)	
----	Tool Sample: HOCM,	25% oil, 75% mud
----	Bottom-Hole Temp: 103 Deg F	

PRESSURES:

IHP:	1196
IFP:	7-32
ISIP:	907
FFP:	35-67
FSIP:	907
FHP:	1192

Thanks!

Vess Oil Corp

DST #1 Arbuckle (2428'-2488')

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Final Test Date: 2014/05/05

Barnhill A #32

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