



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

TIME ON: 9-Mar 11:40 pm
TIME OFF: 10-Mar 1:30 am

DRILL-STEM TEST TICKET
FILE: **BARKER2DST1**

Company BEREXCO LLC Lease & Well No. BARKER #2-23
Contractor BEREDCO RIG #1 Charge to BEREXCO LLC
Elevation 2954' KB Formation MORROW SAND Effective Pay FIELD: WILDCAT Ft. Ticket No. F256
Date 10-Mar-2014 Sec. 23 Twp. 26 S Range 34 W County FINNEY State KANSAS
Test Approved By IAN BOSMEIJER Diamond Representative JAKE FAHRENBRUCH

Formation Test No. ONE Interval Tested from 4,934 ft. to 4,980 ft. Total Depth 4,980 ft.
Packer Depth 4,929 ft. Size 6 3/4 in. Packer depth ft. Size 6 3/4 in.
Packer Depth 4,934 ft. Size 6 3/4 in. Packer depth ft. Size 6 3/4 in.

Depth of Selective Zone Set
Top Recorder Depth (Inside) 4,912 ft. Recorder Number 5,951 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4,938 ft. Recorder Number 5,584 Cap. 5,000 P.S.I.
Below Straddle Recorder Depth ft. Recorder Number Cap. P.S.I.

Mud Type CHEMICAL Viscosity 56sec/qt(LCM 2#/BBL) Drill Collar Length 625 ft. I.D. 2 1/4 in.
Weight 9.3lb/gal Water Loss 5.6 cc. Weight Pipe Length ft. I.D. 2 7/8 in.
Chlorides 1,300 P.P.M. Drill Pipe Length 4,276 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number #5 J&Jt Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 46 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: FAIRLY WEAK BLOW, INCREASED TO 9". NO BLOW-BACK.
2nd Open: FAIRLY WEAK BLOW, INCREASED TO 7". NO BLOW-BACK.

Recovered 25 ft. of OCM 20% OIL, 80% MUD
Recovered ft. of 250' GAS IN PIPE
Recovered ft. of TOOL SAMPLE: HOCM, 35% OIL, 65% MUD
Recovered ft. of
Recovered ft. of
Recovered ft. of

Remarks: No steps from catwalk to rig floor.
Tore-up a 26" packer rubber when pulled tool
off bottom. Loading tools per Ken Wallace's orders.

Price Job	\$1,225.00
JARS, SAFETY JT.	
Other Charges	\$325.00
308 MILES R.T. @ \$1.40 / MILE	
Insurance	\$431.20
ACCESSIBILITY CHARGE \$150.00	
(RUINED 26" PACKER \$250)	\$400.00
Total	\$2,381.20

Time Set Packer(s) 4:23 AM Time Started Off Bottom 8:53 AM Maximum Temperature 121 F

Initial Hydrostatic Pressure..... (A) 2,412 P.S.I.
Initial Flow Period..... 4:23-4:53 Minutes 30 (B) 18 P.S.I. to (C) 33 P.S.I.
Initial Closed In Period..... 4:53-5:53 Minutes 60 (D) 108 P.S.I.
Final Flow Period..... 5:53-6:53 Minutes 60 (E) 29 P.S.I. to (F) 37 P.S.I.
Final Closed In Period..... 6:53-8:53 Minutes 120 (G) 138 P.S.I.
Final Hydrostatic Pressure..... (H) 2,402 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



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	BEREXCO LLC	Well Name	BARKER #2-23
Well Operator	BEREXCO LLC	Unique Well ID	DST #1 MORROW SAND 4934'-4980'
Contact	EVAN MAHEW 316-265-3311	Surface Location	Sec23-26s-34w-FINNEY Co.-KS
Site Contact	IAN BOSMEIJER 580-754-0221	Test Unit	#5
Field	WILDCAT	Pool	WILDCAT
Well Type	Vertical	Job Number	F256
Prepared By	JAKE FAHRENBRUCH 620-282-8977	Qualified By	IAN BOSMEIJER

Test Information

Test Type	BOTTOM-HOLE W/ J & S.Jt.	Test Purpose	Initial Test
Formation	MORROW SAND 4934'-4980'	Gauge Name	INSIDE 5951
Start Test Date	2014/03/09	Start Test Time	23:40:00
Final Test Date	2014/03/10	Final Test Time	11:30:00

Test Results

30 MIN INITIAL FLOW PERIOD: FAIRLY WEAK BLOW, INCREASED TO 9".
60 MIN INITIAL SHUT-IN PERIOD: NO BLOW-BACK.
60 MIN FINAL FLOW PERIOD: FAIRLY WEAK BLOW, INCREASED TO 7".
120 MIN FINAL SHUT-IN PERIOD: NO BLOW-BACK.

RECOVERED:

25' OCM 20% OIL, 80% MUD

250' G.I.P.

TOOL SAMPLE: HOVM, 35% OIL, 65% MUD

PRESSURES:

IHP: 2412
IFP: 18-33
ISIP: 108
FFP: 29-37
FSIP: 138
FHP: 2402

THANKS!

JF

BEREXCO LLC
DST #1 MORROW SAND 4934'-4980'
Start Test Date: 2014/03/09
Final Test Date: 2014/03/10

BARKER #2-23
Formation: MORROW SAND 4934'-4980'
Pool: WILDCAT
Job Number: F256

BARKER #2-23

