DIAMOND TESTING, LLC
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC/Boger-Spanier1dst2

Company RJM Oil Company, Inc. Lease & Well No. Boger-Spanier Unit No. 1

Elevation 1919 GL Formation Lower Lansing Effective Pay -- Ft. Ticket No. J3343

Date 5-12-15 Sec. 35 Twp. 16S Range 12W County Barton State Kansas

Test Approved By Clint Musgrove Diamond Representative John C. Riedl

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Formation Test No. 2 Interval Tested from 3,306 ft. to 3,388 ft. Total Depth 3,388 ft

Packer Depth 3,301 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,396 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set _____ ft.

Top Recorder Depth (Inside) 3,309 ft. Recorder Number 30046 Cap. 6,000 psi.

Bottom Recorder Depth (Outside) 3,385 ft. Recorder Number 13498 Cap. 6,000 psi.

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ psi.

Drilling Contractor Southwind Drilling, Inc. - Rig 3

Mud Type Chemical Viscosity 50

Weight 9.1 Water Loss 8.0 cc.

Chlorides 3,000 P.P.M.

Jars: Make Sterling Serial Number Not Run

Did Well Flow? No Reversed Out No

Drill Collar Length -- ft I.D. -- in.

Weight Pipe Length -- ft I.D. -- in.

Drill Pipe Length 3,286 ft I.D. 3 1/2 in.

Test Tool Length 20 ft Tool Size 3 1/2-IF in.

Anchor Length 82 ft. Size 4 1/2-FH in.

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 blow. Died in 15 mins. No blow back during shut-in.

2nd Open: Weak blow. Died in 5 mins. No blow back during shut-in.

Recovered 5 ft. of oil specked mud = .071150 bbls.

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks Tool Sample Grind Out: 100%-mud

Time Set Packer(s) 2:00 A.M. Time Started off Bottom 4:00 A.M. Maximum Temperature 103°

Initial Hydrostatic Pressure.....(A) 1588 P.S.I.

Initial Flow Period.....Minutes 30 (B) 16 P.S.I. to (C) 18 P.S.I.

Initial Closed In Period.....Minutes 30 (D) 279 P.S.I.

Final Flow Period.....Minutes 30 (E) 18 P.S.I to (F) 19 P.S.I.

Final Closed In Period.....Minutes 30 (G) 195 P.S.I.

Final Hydrostatic Pressure.....(H) 1566 P.S.I.

Diamond Testing General Report

John Riedl
TESTER
CELL: 620-793-0550

General Information

Company Name	RJM OIL COMPANY, INC	Job Number	J3343
Contact	CHRIS HOFFMAN	Representative	JOHN RIEDL
Well Name	BOGER-SPANIER UNIT #1	Well Operator	RJM OIL COMPANY, INC
Unique Well ID	DST #2 LOWER LANSING 3306-3388'	Report Date	2015/05/12
Surface Location	S35/16S/12W BARTON COUNTY, KS	Prepared By	JOHN RIEDL
Field	BEAVER SOUTH	Qualified By	CLINT MUSGROVE

Test Information

Test Type	DST #2 CONVENTIONAL
Formation	LOWER LANSING
Well Fluid Type	
Test Purpose	

Start Test Date	2015/05/12	Start Test Time	00:00:00
Final Test Date	2015/05/12	Final Test Time	05:50:00

Test Recovery

RECOVERY: 5' OIL SPECKED MUD

RJM OIL COMPANY, INC
DST #2 LOWER LANSING 3306-3388'
Start Test Date: 2015/05/12
Final Test Date: 2015/05/12

BOGER-SPANIER UNIT #1

BOGER-SPANIER UNIT #1
Formation: LOWER LANSING
Pool: Infield
Job Number: J3343

