

GEOLOGICAL REPORT

DRILLING TIME

S.D. ANGLE - COPYRIGHT 2011

SAMPLE LOG

COMPANY Russell Oil, Inc.
 LEASE Addington
 WELL NO. 1-1
 LOCATION 1080' FSL + 330' FWL
 SEC 1 TWN 165 RNG 15W
 COUNTY Barton STATE Kansas
 POOL Galatia North
 API NO. 15-009-25572-00-00

ELEVATIONS

KB 1945
 DF _____
 GL 1938

MEASUREMENT FROM

Top of KB

PIPE STRAP @ 3260'
.83' short of
pipe Board.

CONTRACTOR Southwind Rig #4
 COMMENCED July 14, 2011
 COMPLETED July 23, 2011
 RTD July 22, 2011
 MUD Chemical, MUD-CO, Inc.
 SAMPLES FROM 2700' TO 3485'
 DRILLING TIME FROM 2700' TO 3485'
 SUPERVISION FROM 2700' TO 3485'
 GEOLOGIST STEVEN D. ANGLE

CASING RECORD

SURFACE New 8 1/8"
 SET @ 946' w/ 375'
 SX COMM + 2706.1'
370cc. CDC.

PRODUCTION NDNC
Dry & ABANDONED

REMARKS Rig on 7' substructure.
KB = GH + 7'

All formation tops, zones of interest, porosity, shows and sample time lag
 are based from the top of Kelly Bushing measurements. Any corrections in
 measurements during the drilling of this well have been incorporated into
 this report.

ORIGINAL Sincerely,

COPY Steven D. Angle
N.G.C.

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FORMATION TOPS

DATUM ELEVATION 1945 KB

DAILY PENETRATION

DRTILING INFORMATION

ING CONTR: Southwind Driveline P/S #4

2 PHONE

SHOT PUSHER **Rebel Y. Stevenson**

JONE: WILLIAMS DAVID TOWNS B 2/2/16

EVENING TOUR: Tonight Mon

MORNING TO DO'S

MURKIN, DAWN - 3001 DATE OF BIRTH: 7/2 = 2011

DATE DIRECTIONS: 1/1/2011, Mr. Berger, Ms. West
DATE OF RIB: 1/1/2011

10
DRENCE RIDE

INTERFACE PIPE: RAN

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ALL STATUS: _____

INTRODUCTION CASING:

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DRILLING MUD CONTR: Mud- Co_2 , Chemisch mud

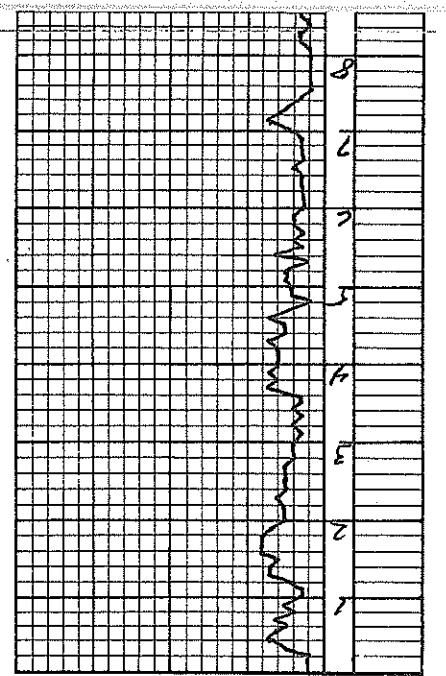
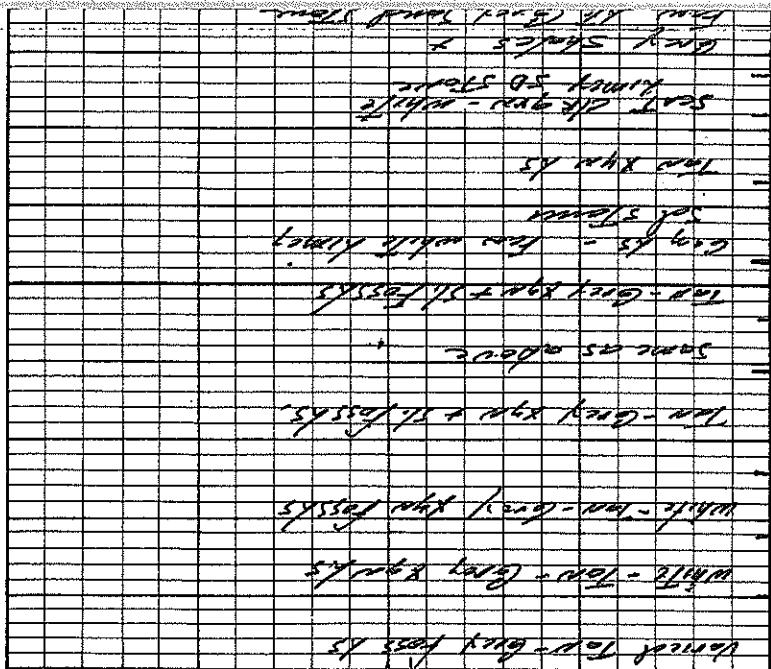
WILL STEM TESTING: Trichobius, Ray Schenck

REMARKS: # 185-650-9628
MATERIAL: Sawtooth Bay Quality Chert

ELECTRIC LOGGING: LOG-Tech, Raw Dual Induction, Neokinetics & Dual Coded Slotted Borehole

Longmech: B. Beck's

BIT B E C O D



$\chi = \text{Shows + Oddors}$ 2700 Log Tops Marketed

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