

LITHOLOGY STRIP LOG

WellSight Systems

Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: **Boondocker #1**
 Location: **NW SW NW SE**
 License Number: **API: 15-007-23640-00-00** Region: **Barber County, Kansas**
 Spud Date: **January 24, 2011** Drilling Completed: **February 1, 2011**
 Surface Coordinates: **1720' FSL, 2324' FEL Section 6-Twp 35 South - Rge 11 West**
 Bottom Hole Coordinates: **Vertical Hole**

Ground Elevation (ft): **1365** K.B. Elevation (ft): **1376**
 Logged Interval (ft): **4500 To: 5375** Total Depth (ft): **5375**
 Formation: **McLish Shale**
 Type of Drilling Fluid: **Chemical Mud, Displace at 3400'**
 Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: **Indian Oil Company, INC**
 Address: **PO BOX 209
 2507 SE US 160 HWY
 Medicine Lodge, KS 67104-0209**

GEOLOGIST

Name: **W. Scott Alberg**
 Company: **Alberg Petroleum, LLC**
 Address: **609 Meadowlark Lane
 Pratt, Kansas 67124**

SAMPLE TOPS	FORMATION TOPS	LOG TOPS
B/KC	4564(3188)	4562(3186)
PAWNEE	4665(3289)	4664(3288)
CHEROKEE GROUP	4712(3376)	4711(3375)
CHEROKEE SAND	4796(3420)	4794(3420)
MISSISSIPPIAN	4882(3506)	4881(3505)
KINDERHOOK SHALE	5007(3631)	5004(3628)
WOODFORD SHALE	5090(4653)	5087(4650)
MISNER SAND	5111(3735)	5108(3735)
VIOLA	5118(3742)	5114(3738)
SIMPSON GROUP	5276(3900)	5271(3895)
SIMPSON WILCOX	5308(3932)	5304(3898)
RTD		
LTD	5375(3999)	5370(3994)

COMMENTS

Surface Casing: Set 6 joints 13 3/8" at 253' with 250 sxs AA 2% gel, Cement did circulate.
 Production Casing: Ran 5 1/2" casing on February 3, 2011
 Deviation Surveys: 260' 1, 4550' 1, 5375' 1.
 Contractor Bit Record: 1- 17 1/2 out @ 260'
 2- 7 7/8" PDC out at 4550'
 3- 7 7/8" out at 5375'

Gas Detector: Jumping Leaf, LLC, David Gould
 Mud System: Mud Co, Brad Bortz, Engineer
 DSTs: Ran one DST by Trilobite testing.
 Logged by Log Tech
 LTD 5370'

DSTs

DST #1 5090' to 5122', Times 30-60-30-60
 Initial opening-Strong Blow BOB 30 Seconds, GTS 11 minutes
 IHP 2644# FHP 2509#
 IFP 195#-254# FFP 228#-354#
 ISIP 2050# FSIP 2038#
 Recovery: GST 11 Minutes 1st opening
 Gauge 20 min - 92.81 mcfpd
 30 min - 113.43 mcfpd
 2nd 10 min - 57.90 mcfpd
 20 min - 158.52 mcfpd
 30 min - 118.05 mcfpd
 Fluid Recovery - 62' Gsy OCM - (20% Gas, 10% Oil, 70% Mud)
 1116' Gasy Oil (10% Gas, 90% Oil)
 Gravity 39.8

CREWS

Val Drilling Rig #5
 Tool Pusher - Randy Smith

ROCK TYPES

<ul style="list-style-type: none"> Anhy Bent Brec Cht Clyst Coal 	<ul style="list-style-type: none"> Congl Sdy dolo Shy dolo Dol Gyp Sdy lmst 	<ul style="list-style-type: none"> Lmst Mrlst Salt Shale Slstst Ss 	<ul style="list-style-type: none"> Black sh Gry sh Shale Shystst Stysh
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ACCESSORIES

<h4>MINERAL</h4> <ul style="list-style-type: none"> Anhy Arg Bent Bit Brecfrag Calc Carb Chtdk Chtit Dol Ferrpel Glau Marl Nodule Phos Pyr Salt Sandy Silt 	<h4>FOSSIL</h4> <ul style="list-style-type: none"> Algae Amph Bioclst Brach Bryozoa Coral Crin Echin Fish Foram Fossil Gastro Oolite Ostra 	<h4>STRINGER</h4> <ul style="list-style-type: none"> Anhy Arg Bent Coal Dol Gyp Ls Mrlst Slststrg Ssstrg Cstsh Clystn Dol 	<h4>TEXTURE</h4> <ul style="list-style-type: none"> Boundst Chalky Cryxln Earthy Finexln Grainst Lithogr Microxln Mudst Packst Wackest
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