

**GRAND
MESA**

OPERATING COMPANY

(316) 265-3000
FAX: (316) 265-3455

1700 N. WATERFRONT PARKWAY
BLDG. 600
WICHITA, KANSAS 67206-5514

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

Well Name: #1-15 Doornbos

Location: 575FNL, 2232FEL, 15-16s-33w, Scott County, Kansas

License Number: API: 15-171-20834

Region: Wildcat

Spud Date: 9-30-2011

Drilling Completed: 10-12-11

Surface Coordinates: Lat:

Long:

Bottom Hole Coordinates: Vertical hole

Ground Elevation (ft): 3038'

K.B. Elevation (ft): 3043'

Logged Interval (ft): 3600' To: RTD

Total Depth (ft): 4853'

Formation: Mississippian at RTD

Type of Drilling Fluid: Chemical

Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

GEOLOGIST

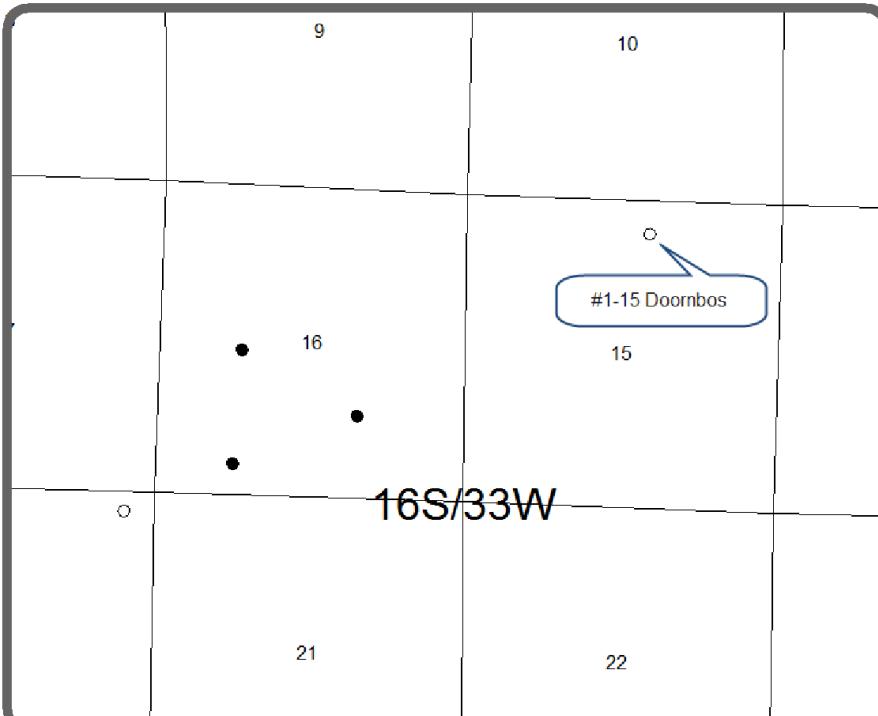
Name: Bob Schreiber

Company: independent

Address: 268 NE 220 Rd

Hoisington, KS 67544

620-653-7691



COMMENTS

Contractor: Murfin Drilling Company Rig #24

Pusher: Tony Martin

Surface Casing: 8 5/8" set at 222' w/165sx

Production Casing: 5 1/2" set at 4847'

Mud by: MudCo

DST's by: Tribolite Testing

Logs by: Weatherford (DIL, CN-CD, ML, SONIC)

RTD=4850'

LTD=4853'

FORMATION TOPS

FORMATION

SAMPLE TOPS

LOG TOPS

Depth Datum

Depth Datum

Stone Corral	2409'	+634	2409'	+634
B/Stone Corral	2428'	+615	2428'	+615
Heebner Shale	3956'	-913	3957'	-914
Lansing	3999'	-956	3999'	-956
Muncie Creek Shale	4176	-1133	4176'	-1133
Stark Shale	4262'	-1219	4262'	-1219
Hushpuckney Shale	4308'	-1265	4309'	-1266
Marmaton	4378'	-1335	4385'	-1342
Upper Fort Scott	4490'	-1447'	4490'	-1447
Little Osage Shale	4512'	-1469	4513'	-1470
Excello Shale	4530'	-1487	4530'	-1487
Johnson Zone	4604'	-1561	4607'	-1564
Morrow	4664'	-1621	4664'	-1621
Mississippian	4709'	-1666	4709'	-1666
RTD	4850'	-1696		
LTD			4853'	-1810

