

**GRAND
MESA****OPERATING COMPANY**(316) 265-3000
FAX: (316) 265-34551700 N. WATERFRONT PARKWAY
BLDG. 600
WICHITA, KANSAS 67206-5514Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: #1-25 G & M
Location: 1050'FNL, 1290' FWL, 25-12S-32W, Logan County, Kansas
License Number: API: 15-109-21074 Region: Wildcat
Spud Date: 2-7-12 Drilling Completed: 2-15-2012
Surface Coordinates: Lat: 38.98656 Long: -100.8274152
Bottom Hole Coordinates: Vertical hole

Ground Elevation (ft): 3004 K.B. Elevation (ft): 3009
Logged Interval (ft): 3600' To: RTD Total Depth (ft): 4710'
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
Holsington, KS 67544
620-653-7691

COMMENTS

Contractor: Murfin Drilling Company Rig #24

Pusher: Tony Martin

Surface Casing: 8 5/8" set at 224' w/165sx

Production Casing: ,5 1/2" set @ 4707'

Mud by: MudCo

DST's by: Testing Trilobite

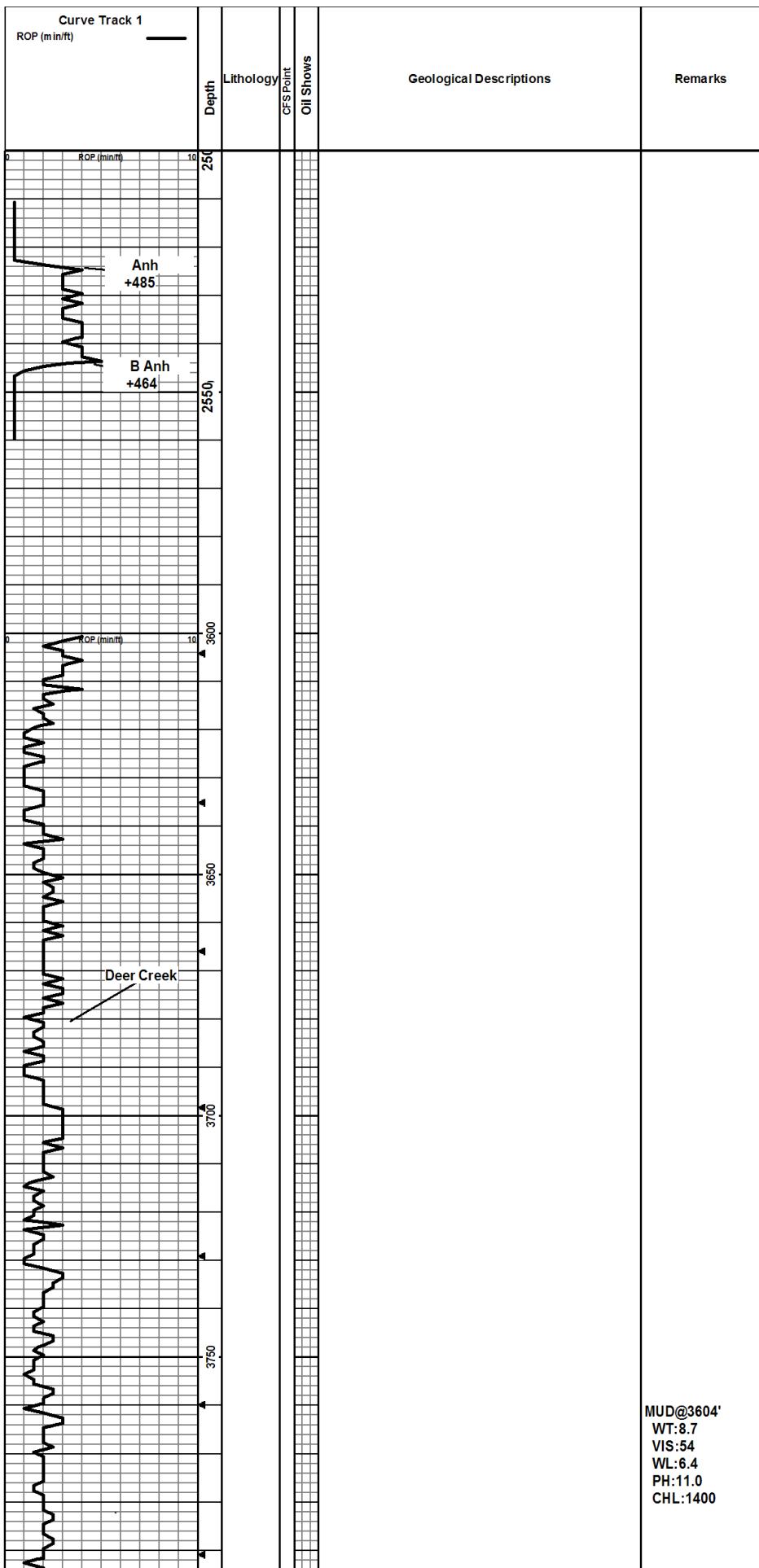
Logs by: Weatherford (DIL, CN-CD, ML, SONIC)

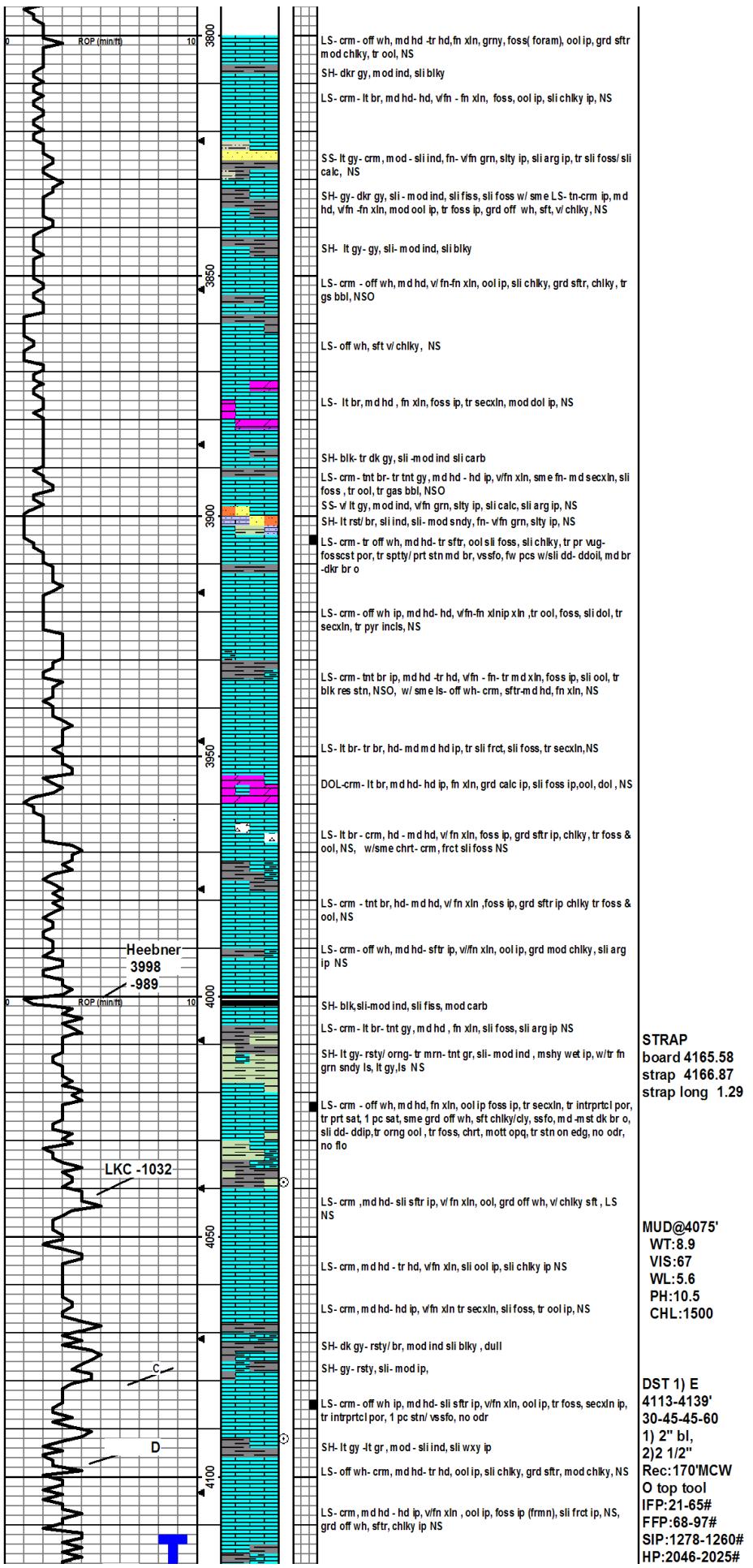
RTD=4710'

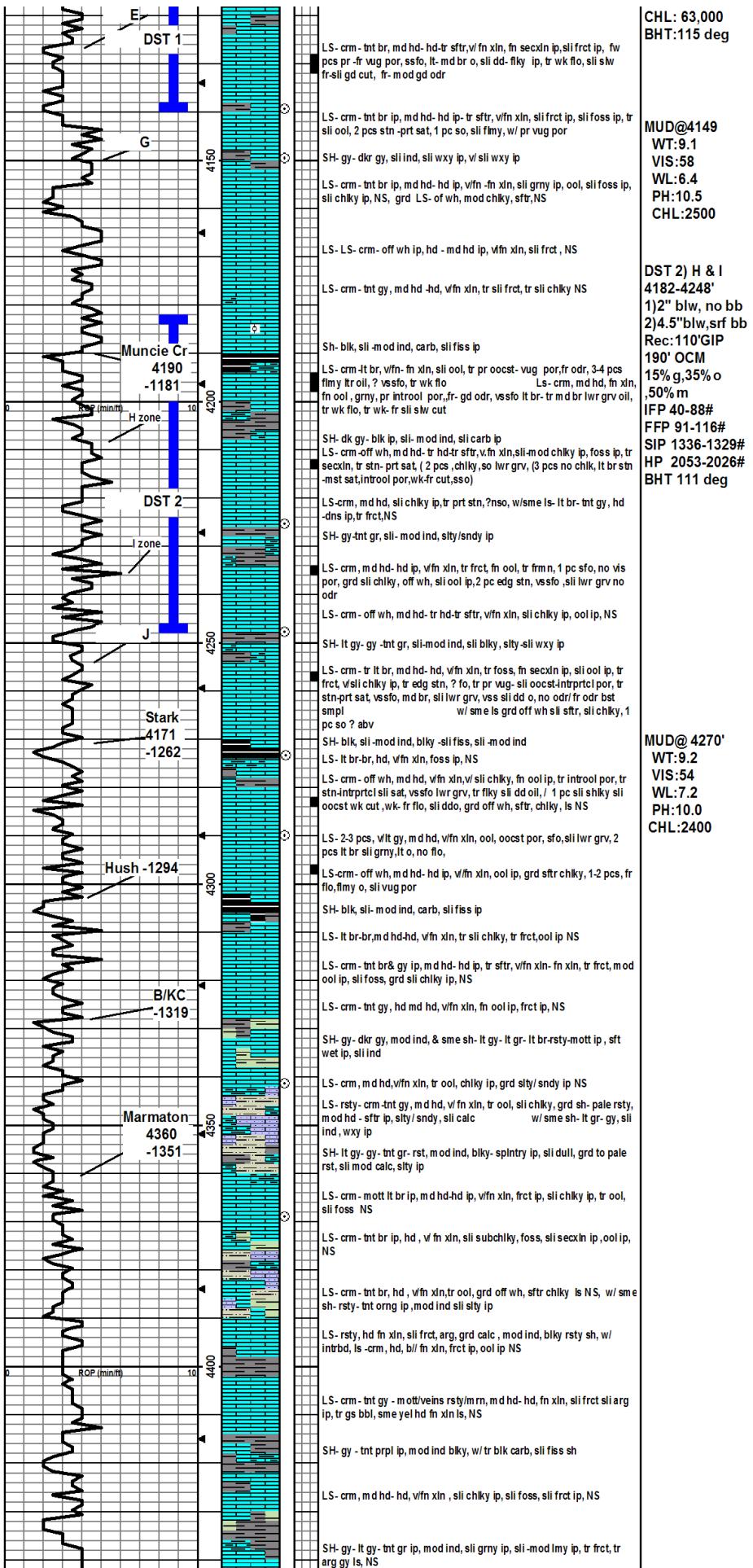
LTD=4709'

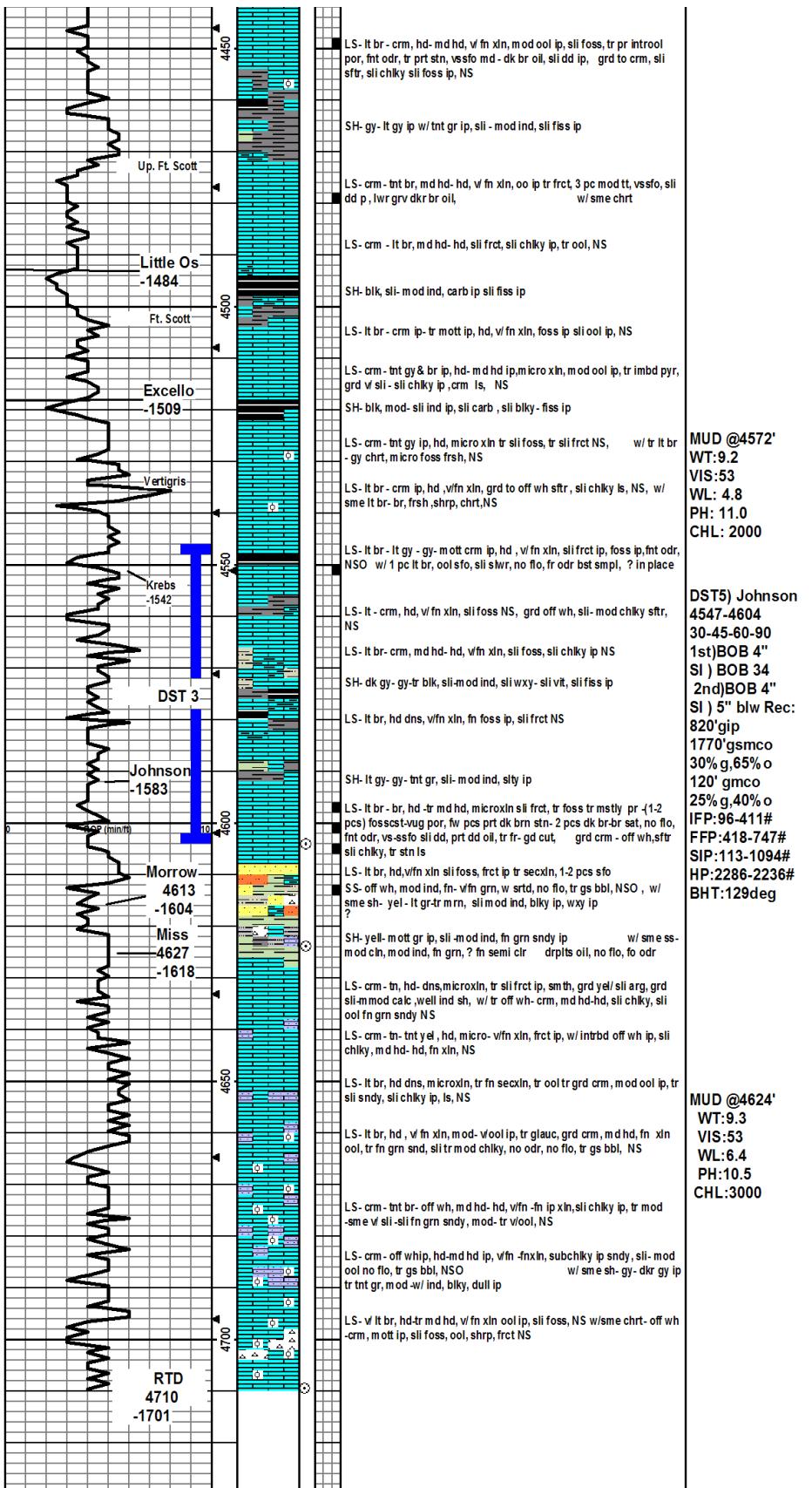
FORMATION TOPS

FORMATION	SAMPLE TOPS		LOG TOPS	
	Depth	Datum	Depth	Datum
Stone Corral	2524'	+485'	2522'	+487'
B/Stone Corral	2545'	+464'	2543'	+466'
Heebner Shale	4000'	-989'	3998'	-989'
Lansing	4041'	-1032'	4043'	-1034'
Muncie Creek Shale	4190'	-1181'	4188'	-1179'
Stark Shale	4271'	-1262'	4267'	-1258'
Hushpuckney Shale	4303'	-1294'	4302'	-1293'
BKC	4328'	-1319'	4328'	-1319'
Marmaton	4360'	-1351'	4364'	-1355'
Little Osage Shale	4493'	-1484'	4392'	-1483'
Excello Shale	4518'	-1509'	4516'	-1507'
Johnson Zone	4492'	-1583'	4490'	-1581'
Morrow	4513'	-1604'	4614'	-1605'
Mississippian	4627'	-1618'	4710'	-1618'
RTD	4710'	-1701'	4709'	-1700'









MUD @4572'
WT:9.2
VIS:53
WL: 4.8
PH: 11.0
CHL: 2000

DST5) Johnson
4547-4604
30-45-60-90
1st)BOB 4"
SI) BOB 34
2nd)BOB 4"
SI) 5" blw Rec:
820'gip
1770'gsmco
30%g,65%o
120' gmc
25%g,40%o
IFP:96-411#
FPP:418-747#
SIP:113-1094#
HP:2286-2236#
BHT:129deg

MUD @4624'
WT:9.3
VIS:53
WL:6.4
PH:10.5
CHL:3000