GEOLOGICAL REPORT

Larry A. Nicholson

COMPANY: Blue Ridge Petroleum Corporation
WELL: Oberg #1-8 SE NW5 NW SE
LOCATION: 2310 FSL 1987 FEL, Sec. 8, Twp. 14S, Rge. 8E
COUNTY: Marion, Kansas
ELEVATION: KB 1525 GL 1520
CONTRACTOR: Mallard Drilling Co. Rig #1
SPUD: 10/12/07 TD: 2700'
COMPLETION: 10/19/07 Rotary Tools
CASING RECORD: 8 5/8" @ 215' w/ 150 sx
DRILLING MUD: Chemical
DRILL STEM TESTS: 1
CORE: None
ELECTRICAL SURVEYS: DLL/MSFL/CNL/CDL Dual Porosity
DST #1: 2600-2700' (Arbuckle) 30-45-45-60 IFP 31-41 FFP 52-62 ISIP 1000 FSIP 1000 Rec. 1000' Gas, 60' Mud

FORMATION	TOP	BASE	THICKNESS	STRUCTURE (-)
Toronto Ls.	1378	1393	15	147
Lansing-Kansas City	1394	1811	417	131
Marmaton	1812	1875	63	284
Pawnee Ls.	1876	1900	24	308
Fort Scott Ls.	1901	1922	21	329
Cherokee Shale	1923	2070	147	351
Mississippian	2071	2600	529	498
Kinderhook Sh.	2601	2614	13	1027
Maquoketa Sh.	2615	2670	55	1040
Viola Ls.	2671	2690	19	1096
Simpson Sd.	2691	2697	6	1115
Arbuckle Ls.	2698	2700	2	1122
RTD	2700			1124
LTD	2700			1124

DRILLING TIME: Kansas City to RTD

ELECTRICAL SURVEY: DLL/MSFL/CNL/CDL Dual Porosity

RECOMMEND TESTS ON THE FOLLOWING INTERVALS:
- **Zones of Oil, Gas, Water and Samples, Dry and Less Prod.**
- **None**
- **None. Dry and barren shows and no valve depth.**
- **Zone tested and dated with the valve file that is the source.**

DRILL STEM TESTS: DST #1 - 2600-2700' (Arbuckle) DST #2 - 1900-1922' (Fort Scott) DST #3 - 1811-1875' (Marmaton)

LEGEND

Limestone | Dolomite | Sandstone | Chert | Shale | Unconformable | Gypsum | Sgd | Bentonite | Gamma Ray

SAMPLE DESCRIPTIONS

REMARKS

DST #1 2600-2700' (Arbuckle) 30-45-45-60 IFP 31-41 FFP 52-62 ISIP 1000 FSIP 1000 Rec. 1000' Gas, 60' Mud

DST #2 1900-1922' (Fort Scott) 30-45-45-60 IFP 41-52 FFP 62-72 ISIP 1000 FSIP 1000 Rec. 1000' Gas, 60' Mud

DST #3 1811-1875' (Kansas City) 30-45-45-60 IFP 31-41 FFP 52-62 ISIP 1000 FSIP 1000 Rec. 1000' Gas, 60' Mud

SAMPLE DESCRIPTIONS

REMARKS

ELEVATIONS
KB 1525
GL 1520
DF
KB measurements from 0.0 1525

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