

ORIGINAL

**CARMEN SCHMITT INC.**  
**P.O. BOX 47**  
**GREAT BEND KS 67530**  
New Wealth Comes From the Land  
620-793-5100

**DRILLING PROGRESS REPORT**

**BENTLEY #1**

T16S-R28W, SEC 13: W/2 NW LANE COUNTY KANSAS

ELEVATION: 2694' G.L. 2699' K.B.

COMPARISON WELL FOR EST DEPTH: NW SW SE 13-16S-28W (Slawson's BL Miller)

<u>FORMATION</u>	<u>EST DEPTH</u>	<u>DRILLER DEPTH</u>	<u>LOG DEPTH</u>
ANHYDRITE	2102 (+ 597)	2099 (+ 600)	
TOPEKA	3650 (- 951)	3644 (- 945)	
HEEBNER SHALE	3891 (-1192)	3885 (-1186)	
LANSING	3928 (-1229)	3924 (-1225)	
BASE/ K.C.	4256 (-1557)		
MARMATON	4280 (-1581)		
PAWNEE	4390 (-1691)		
FT. SCOTT	4442 (-1743)		
CHEROKEE	4465 (-1766)		
MISSISSIPPIAN	4568 (-1869)		
TOTAL DEPTH	4631 (-1932)		

RELEASED  
FROM  
CONFIDENTIAL

- 8-19-03 Pickrell Drilling Company Rig 10 spud at 5:15 p.m. Drilled 12.25" hole to 226'. Hole deviation .75 degree. Ran 5 jts new 23# 8.625" surface casing set at 220' with 160 sx 70/30 poz, 2% gel, 3% c.c. Plug down at 11:40 p.m.
- 8-20-03 at 7:00 a.m. waiting on cement.
- 8-21-03 At 7:00 a.m. drilling at 2020'. Hole deviation at 739' = 1 degree, at 1269' = 1.25 degrees, at 1754' = 1 degree. Drilled Anhydrite 2099'-2132'.
- 8-22-03 At 7:00 a.m. drilling at 2865'. Hole deviation at 2264' = 0.75 degree. At 3:30 p.m. lost circulation at 3089'. Regained circulation and drilled to 3103' where lost circulation again. Drill pipe stuck.
- 8-23-03 At 12:30 a.m. spotted 40 barrels tank bottoms, pulled pipe loose and resumed drilling at 2:15 a.m. At 7:00 a.m. drilling at 3235'.
- 8-24-03 At 7:00 a.m. testing at 4000'. Pipe strap 0.48' long the board. Hole deviation at 4000' = 0.75 degree. DST #1 3969'-4000' 15-30-45-60 Recovery: 10' clean oil, 90' oil cut water (30% oil, 70% water) 495' oil cut water (10% oil, 90% water), 805' slightly oil cut water (3% oil, 97% water). Flow pressures: 64-299/308-695. Shut-in pressures: 1090-1092. Will drill about 115' to "H" zone and test if carries shows.