GEOLOGICAL REPORT

Larry A. Nicholson

WELL NO. 1
AN ANDERSON

COMPANY: Culbreath Oil & Gas Company Inc.
API #: 15-059-24994 FIELD: Lebanon
LEASE: Voth
LOCATION: 2390' FSL 2310' FWL
SURVEY: 2390' FSL 310' FWL
SECTION: 4 TWP: 12S RGE: 32W
COUNTY: Logan STATE: Kansas
SPUD DATE: 04-19-2006 Rig #: 6
TOTAL DEPTH: 4,850 ft. COMP. DATE: 04-24-2006
ELEVATION: KB: 3050 GL: 3040 DF: 3045
COORDINATES: 10 miles NW of Oakley
CONTRACTOR: Murfin Drilling Co. Inc. Rig #6
MUD UP: Chemical Andy's Mud

ELEVATIONS
Kelly Bushing: 3050
Ground: 3040
D.F.: 3045
All depths measured from Kelly Bushing

CASING RECORD
Surface Casing: 8 5/8 in @ 226 ft. (150 sx)
Production Casing: 4 1/2 in @ 4,850 ft.

SAMPLE SACKS: From 3700 to 4850
DRILLING TIME: From 3800 to 4850
DRILLING MEDIUM: Air from 0 to 3700 / Mud from 3700 to 4850
SAMPLE TYPE: Dry & Washed
WELLSITE GEOLOGIST: LARRY A. NICHOLSON

ELECTRICAL SURVEYS: Halliburton: Dual Induction, Density, Neutron, Sonic, Micro

FORMATION TOPS & STRUCTURAL POSITION

FORMATION	DATUM	DIFF	DEPTH	STRUCTURAL POSITION	
Anhydrite			2578	+472	2578 +472
Base Anhydrite			2610	+440	2610 +440
Topeka			3577	-527	3577 -527
Heebner			3816	-766	3817 -767
Toronto			3837	-787	3838 -788
Lansing			3854	-804	3855 -805
B/KC			4305	-1255	4306 -1256
Marmaton			4325	-1275	4326 -1276
Pawnee			4398	-1348	4399 -1349
Johnson			4600	-1550	4605 -1555
Mississippian			4700	-1650	4705 -1655
Kinderhook			4750	-1700	4755 -1705
Viola			4773	-1723	4776 -1726
Simpson Sand			4814	-1764	4816 -1766

REFERENCE WELLS: Voth Gulf Sta. - Sections 34-4-1S-32W; NW-SE-NE-NW - KB 3056

REMARKS & RECOMMENDATIONS

Based on sample shows and drill stands the pipe was set

**Note Drill Time and Electric logs are on same depth*

LAS FILE Modified DATE: 7/17, 8/12 Version: 3D 30MM Total = 20 lines 8.5 x 11 (10 lines x 2MB) min

LEGEND

Limestone | Dolomite | Sandstone | Shale | Chert | Oolite | Fossiliferous | Shale | Salt | Sucrosite | Anhydrite

GAMMA RAY + DP
Gas Units
DRILLING TIME IN MINUTES
PER FOOT
CALIPER

DEPTH | STRUCTURAL | SAMPLE DESCRIPTIONS

Spud 19-19 PM 04-19-2006
Rig Up 07-00 AM 04-20-2006

BIT RECORD
Surface: Bit#1 - 12 in - No Jet
Bit #2 - 7 7/8 in - 12 jets
Bit #3 - 7 7/8 in - 12 jets
Bit #4 - 7 7/8 in - 12 jets
Bit #5 - 7 7/8 in - 12 jets
Bit