SPT STANDARD PENETRATION TEST

INTERPRETED ROCK LINE

CAVE IN DEPTH

TCP TEXAS CONE PENETRATION TEST

WATER ELEVATION O HRS AFTER DRILLING

WATER ELEVATION AFTER DRILLING

BORING B-2

STA. 399+62

33' LT. C.R.L.

REVISIONS

BORING B-3

STA. 400+62

23.5' RT. C.R.L.

DATED MARCH 25, 2015. A COPY OF

THIS REPORT IS AVAILABLE FROM THE

USE INTERPRETED FOUNDATION MATERIAL

LINE FOR ESTIMATING PURPOSES ONLY.

WATER ELEVATIONS SHOWN WERE OBTAINED

AT THE TIME BORINGS WERE DRILLED AND

MAY FLUCTUATE THROUGHOUT THE YEAR.

S.H. 44 OVER ELK CREEK

FOUNDATION REPORT

SHEET 1 OF 2

OKLAHOMA JOB PIECE NO. 28999(04)

STATE OF DEPARTMENT OF TRANSPORTATION

KIOWA COUNTY

Design RRC

Detail BAB

Check DLW

DEPARTMENT UPON REQUEST.

3/15/2016 11:20:21 AM,

SILTSTONE, GYPSUM, AND DOLOMITE. THE SHALES CONTAIN SALT IN MUCH

OF BECKHAM AND HARMON COUNTIES. IN BLAINE COUNTY, THE UNIT CONTAINS A ZONE OF SOFT SANDSTONES AND MUDSTONE CONGLOMERATES

WHICH LIE SOME 180 FEET ABOVE THE BASE OF THE UNIT. THIS ZONE IS

MAPPED AS THE CHICKASHA SUBUNIT. ON THE SOUTHERN FLANKS OF THE ANADARKO BASIN (JACKSON COUNTY) THE LOWER 28-200 FEET OF THE

SEPARATELY AS THE DUNCAN SUBUNIT WHICH IS DISCUSSED SEPARATELY

CHICKASHA SUBUNIT) IN BLAINE COUNTY. SOUTHWARD, IN DIVISION 5, IT VARIES FROM 90 TO 250 FEET IN THICKNESS (DOES NOT INCLUDE DUNCAN

UNIT CONSISTS OF A SANDSTONE AND HSALE ZONE WHICH IS MAPPED

THE TOTAL THICKNESS OF THE UNIT IS ABOUT 450 FEET (INCLUDES

LOCALLY, MESQUITE, CACTI AND NEARLY BARREN ROCK EXPOSURES DENOTE

OKLAHOMA," "RECONNAISSANCE OF THE WATER RESOURCES OF THE CLINTON

QUADRANGLE, WEST-CENTRAL OKLAHOMA," BY JERRY E. CARR AND DEROY L. BERGMAN U.S. GEOLOGICAL SURVEY, 1976, INDICATES THAT THE

ACCORDING TO THE GEOLOGIC MAP OF THE "HYDROLOGIC ATLAS 5 OF

PROJECT SITE IS LOCATED OVER ALLUVIUM (QAL). THE DEPOSIT AND

GEOLOGIC FORMATION ARE DESCRIBED THEREIN AS FOLLOWS: STREAM-LAID DEPOSITS OF SAND, SILT, CLAY, AND GRAVEL; THICKNESS

AREAS CONTAINING SALT OR GYPSUM.

BORING B-1

STA. 398+66

36' RT. C.R.L.

1565_F