

DEC 20 1969

20-16-19W

15-163-20252

BERLAND #3 - SWD

CO REX & MORRIS, ETAL

ELEVATION 2207' RB  
2202' GL

TOTAL DEPTH: 3795' RB  
CONTRACTOR: RED TIGER DRILLING CO.  
COMMENCED: 9-24-1969  
COMPLETED: 10-4-1969  
INITIAL PROD.: DRY & ABANDONED  
CONVERTED TO SWD

LOCATION:  
NW SE NW, 20-10S-19W  
ROOKS COUNTY, KANSAS

CASING RECORD:  
8 5/8" OD, 24# NEW SET AT 1620' RB  
W/750 SACKS CEMENT

| FORMATION                | DEPTH |
|--------------------------|-------|
| SAND & SURFACE SOIL      | 76'   |
| SHALE & LIME             | 700'  |
| DAKOTA SAND              | 902'  |
| SHALE & SAND             | 1084' |
| CEDAR HILL SAND          | 1354' |
| SHALE & RED BED          | 1610' |
| ANHYDRITE                | 1640' |
| RED BED & SHALE          | 1700' |
| SHALE                    | 1875' |
| SHALE & LIME             | 3297' |
| LIME                     | 3454' |
| LANSING - KANSAS CITY    | 3664' |
| CHERTY LIME & SHALE      | 3709' |
| CONGLOMERATE             | 3762' |
| SIMPSON SHALE            | 3785' |
| ARBUCKLE DOLOMITE R.T.D. | 3795' |

*Dry*  
*anhy 1612*  
*base " 1640*  
*anhy 3786*

PLUGGED HOLE TO COMPLETE AS SWD WELL.  
MIXED 50 SACKS 50-50 POZ MIX W/2% GEL. PUMPED  
CEMENT AND WOOD PLUG TO 1500' & SHUT IN.  
R.U.C.T., RAN GR-N LOG, PERFORATED FROM 1330'  
TO 1340' W/40 HOLES. SWABBED AND BAILED.  
RAN 1333' TUBING.

I hereby certify the foregoing statements are true and correct to the best of my knowledge and belief.

Rex & Morris Drilling Company