

# SPOT LOG

DRILL HOLE: Sartin #6  
 PROP. OWNER: F. Sartin  
 DRILL CONTRACTOR: J-J Drilling Contractors  
 DRILL OPERATOR: Jim Jackson  
 DATE STARTED: 7/5/79  
 CASING LEFT IN HOLE: 34' of 7" surface casing, cemented in; 299.63' of 4" production casing

LOC: 2145' FSL, 1145' FWL,  
 Sec. 26, T30S, R21E  
 330' W. of  
 LOGGED BY: CR  
 ELEV: 860' surveyed  
 DATE COMPLETED: 7/5/79  
 TOTAL DEPTH: 305'

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| <p>BASE<br/>FR. SCOTT</p> | <p>Ls.<br/>53 - 64 - <u>Limestone</u>, tan<br/>         64 - 67 - Shale, black, not calcareous<br/>         67 - 70 - Shale, gray 80%; shale, black 20%<br/>         70 - 79 - Shale, medium gray<br/>         79 - 85 - Shale, medium gray<br/>         80-82 - <u>Limestone</u>, tan<br/>         85 - 90 - Shale, medium gray; trace <u>limestone</u><br/>         90 - 99 - Shale, gray, silty; siltstone<br/>         99 - 107 - Shale, gray, silty<br/>         107 - 110 - Shale, dark gray, silty<br/>         110 - 140 - Shale, dark gray, not calcareous<br/>         140 - 145 - Shale, dark gray to black, calcareous<br/>         145 - 153 - Shale, black, calcareous; trace <u>limestone</u><br/>         153 - 160 - Shale, black, calcareous; shale, gray 10%<br/>         160 - 168 - Shale, black, silty, calcareous; <u>limestone</u>, tan<br/>         168 - 171 - Shale, black, silty, calcareous; <u>limestone</u>, tan<br/>         171 - 173 - Shale, black, calcareous; shale, gray; <u>limestone</u>, tan<br/>         173 - 178 - Shale, gray; trace <u>limestone</u><br/>         178 - 193 - Shale, gray; trace black shale; trace <u>limestone</u>, silty<br/>         193 - 195 - <u>Sandstone</u>, brown, very slight odor, no rainbows<br/>         195 - 198 - <u>Sandstone</u>, brown; shale, gray; no odor<br/>         198 - 203 - Sand, shaley, no oil odor<br/>         203 - 208 - <u>Sandstone</u>, brown, (good sand) slight odor; no rainbow<br/>         208 - 213 - <u>Sandstone</u>, brown; trace shale; trace <u>coal</u>; slight odor<br/>         213 - 217 - <u>Sandstone</u>, small grains; shale, black, calcareous; shale, gray, slight odor<br/>         217 - 220 - <u>Sandstone</u>, brown, small grains 30%; shale, black, calcareous 30%; shale, gray 30%; trace <u>limestone</u> 10%<br/>         220 - 225 - Shale, sandy; trace <u>limestone</u><br/>         225 - 228 - Shale, black, not calcareous; trace sand<br/>         228 - 230 - Shale, black, calcareous; trace <u>limestone</u><br/>         230 - 233 - Shale, gray 60%; shale, black 40%, slightly calcareous; trace limestone<br/>         233 - 245 - <u>Sandstone</u>, very fine grained, oil odor, rainbow wash<br/>         245 - 250 - <u>Sandstone</u>, slight oil odor; trace shale, gray<br/>         250 - 251 - Sand, shaley, gray, slight odor<br/>         251 - 255 - Shale, slightly sandy, gray, very slight odor<br/>         255 - 265 - Shale, gray<br/>         265 - 273 - Shale, gray<br/>         273 - 280 - Shale, black<br/>         280 - 290 - Shale, black 40%; shale, gray 60%<br/>         290 - 300 - Shale, gray to black 15%; trace <u>coal</u><br/>         300 - 305 - Shale, gray</p> |
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BASE  
VERDIGEIS

T. D. @ 305