

Corehole: JANN (14' - 500')  
 Sec. 33 T 5 S R 96 W

- 14'-  
 26'7" oil shale, lt. brn.-gy. to pale ylw.-brn., fine-banded, lim. stn. from 22'6" to 24; scat. cav. filled w/calc., w. indur.
- 26'7"-  
 41'9" oil shale, lt. ol. gy. to pale ylw.-brn., mass. to fine-banded, banding com. disturbed; 4" zn. at 48', gy.-brn., appears "peaty," similar zn. occurs at 40', the mass. struc. often contains sml. pieces of organic material that have been pyritized; tuff. zn begins at 39'2"
- 41'9"-  
 55'4 tuff. pale ylw.-brn, massive, w. indur., extends to 46'. Oil shale at 46', lt. ol. gy. to pale ylw.-brn., fine-band., w. indur.
- 55'4"-  
 67'1" oil shale, lt. gy. to lt. ol. gy., fine-banded, w. indur., w/numer., sml., cav. filled w/calc. from 1/16 to 1/2" in size
- 67'1"-  
 77'3" oil shale, lt. gy. to lt. brn.-gy., fine-banded, evidence of scouring, sl. calc., w. indur.
- 77'3"-  
 89'6" intbd. oil shale and tuff., lt. brn.-gy., oil shale banded, tuff. massive, w. indur.
- 89'6"-  
 99'8" tuff., lt. gy., 89'6" to 90'6"; oil shale, lt. brn.-gy. to lt. ol. gy., fine-banded, w. indur.
- 99'8"-  
 109'5" oil shale, lt. brn.-gy. to lt. ol. gy., dk. gy. from 104'2" to 105', fine-banded, w. indur.
- 109'5"-  
 119'8" oil shale, lt. gy. to lt. brn.-gy., fine-banded to mass., mass. areas contain blk., asphaltic mat., 1/8" to 1/2" in size, and cavities less than 1/16" in size w/analcite in them
- 119'8"-  
 130'4" oil shale, med. gy. to med. lt. gy., to lt. gy., mass to fine-banded, mass. areas contain numerous small cav. filled w/analcite, and scat. zns. of blk. asphaltic mat.
- 130'-  
 139'10" oil shale, med. lt. gy. to lt. gy., fine-banded, w. indur., w/calc. filled frac. at 45' at 137'
- 139'10"-  
 148' 9 1/2" oil shale, lt. gy. to olive gy., fine-banded, w. indur., at 141' is a 4" zn. w/sml. cav. 1/16" dia., filled w/analcite.

148'9½"-  
159' oil shale, med. lt. gy. to lt. ol.-gy., fine-banded, w. indur.

159'11"-  
171'11½" oil shale, med. gy. to med. lt. gy., fine-banded to v. fine-banded,  
a 2" zn. at 162'2" is quite asphaltic.

171'11½"-  
181'2" oil shale, med. gy. to med. lt. gy., fine-banded, w. indur.

181'2"-  
191'2½" oil shale, med. lt. gy. to lt. brn. gy., fine-banded, w. indur.

191'2½"-  
201' oil shale, med. lt. gy., fine-banded, w. indur.

201'-  
211' oil shale, lt. gy. to lt. brn.-gy., fine-banded, w. indur.

211'-  
221'2" oil shale, lt. gy. to lt. brn.-gy., fine-banded, w. indur.

221'2"-  
231'2" oil shale, med. gy. to lt. brn.-gy., 2" tuff. bed at 222',  
w. indur.

231'2"-  
241'1" oil shale, med. lt. gy., fine-banded, w. indur.

241'1"-  
251'1" oil shale, lt. gy. to lt. brn.-gy., fine-banded, w. indur.

251'1"-  
261' oil shale, as above

261'-  
270'7" oil shale, dk. gy. to med. dk. gy. 261' to 262', med. lt. gy.,  
fine-banded, w. indur.

270'7"-  
289'½" oil shale, med. lt. gy. to lt. gy., bcm. brn.-gy. toward lower  
part of unit, fine-banded

289'½"-  
290'7" oil shale, med. lt. gy. to lt. brn. gy., fine-banded, banding  
common disturbed, numerous, small cav. filled w/asphaltic mat.  
in lower 3" interval

290'7"-  
300'9" oil shale, med. lt. gy. to lt. ol. gy., fine-banded, w. indur.

300'9"-  
310'7" oil shale, med. lt. gy. to lt. gy., fine-banded, w. indur.

310'7"-  
320'4" oil shale, med. lt. gy., fine-banded, w. indur.

320'4"-  
330'5½" oil shale, med. lt. gy. to lt. gy., fine-banded, w. indur.

330'5½"-  
340'6½" oil shale, med. lt. gy., fine-banded, w. indur., 4 in. tuff.  
zn. at 339' w/scat. frg. carbon. mat.

340'6½"-  
350'8" oil shale, med. lt. gy., fine-banded, w. indur.

350'8"-  
362'2" oil shale, med. lt. gy., a 6 in. zn. at 351'6" is highly frac.,  
no. preferred direct of orient., lim. stn. com., lower 6" of  
interval is brn.-blk.

362'2"-  
372' oil shale, med. lt. gy. to lt. ol. gy., fine-banded, w. indur.

372'-  
380' oil shale, lt. ol. gy. to med. ol. gy., fine-banded, w. indur.

380'-  
392'9½" oil shale, lt. ol. gy. to med. brn.-gy.

392'9½"-  
405'6" oil shale, lt. gy., brn. med. lt. gy. towards lower part of unit,  
fine-banded, w. indur.

405'6"-  
420'6" oil shale, med. lt. gy. to med. dk. gy., fine-banded.

420'6"-  
445' oil shale, lt. gy. to med. dk. gy., fine-banded, w. indur.  
(mahogany marker at 429')

445'-  
463' oil shale, med. lt. gy. to med. dk. gy., fine-banded.

463'-  
480' oil shale, as above, w/oxidized, lim. stn. zn. at 477'2"

480'-  
500' oil shale, lt. gy. to med. dk. gy., fine-banded, lower 5' of core  
contains numerous areas of oxidation and lim. stn.