

Company: Drilled for James Hedges

Sec. 32 33 20

Farm: James Hedges

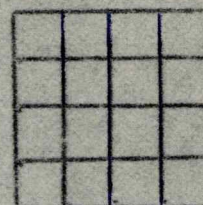
Loc.

County Labette

Total Depth: 647 feet

Completed April 1975

Drilling Contractor: William J. Billman



Figures Indicate Bottom of Formation

141		460 Dark Shale
148 Sand		466 Light shale
164 Gray Shale		470 Sand (Heavy Oil) (light gas)
168 Sand (gas)		472 Sand
214 Gray Shale		475 Light Shale
219 Sand (gas)		477 Dark Shale
251 Gray Shale		500 Gray Shale
254 Rock		510 Light Shale
260 Black Shale (gas)		520 Gray Shale
270 White Shale		530 Dark Shale
297 Gray Shale		540 Light shale
300 Gray Shale (gas)		550 Gray Shale
312 Gray Shale		565 Dark Shale
Cleaned out hole to 312'		580 Gray Shale
317 Gray Shale		585 Light Shale
331 Gray Shale		590 Dark Shale
332 Dark Shale		595 Gray shale
334 Lime		605 Dark Shale
335 Gray Shale		610 Light Shale
345 Light Shale		615 Dark Shale
370 Gray Shale		635 Gray Shale
371 Black Shale		646 Dark Shale
375 Lime		647 Burgess sand (Gas)
380 Lime Shale		
397 Light Shale		
400 Gray Shale		
405 Dark Shale		
410 Black shale (light gas)		
429 Light shale		
435 Lime		
455 Gray Shale		

HOLE SIZE 6 1/2"

Packer set at 642'. 5' stand pipe on bottom of packer.
 Tubed with 2" pipe ----646'
 Lead sent to accommodate 1" male sent in packer.
 646' of 3/8" pipe inside of 2".

2500 pressure