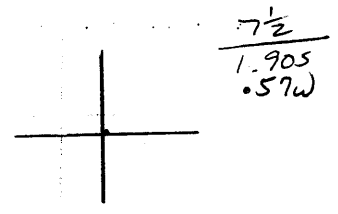


LATITUDE 38°27'30 (7½)

(7½) 50° 18

LONGITUDE



7½ loc
from gas well on topo. (clay)

7'5 OGIS topo location

7.5' loc _____ 15' loc _____
(calc.) _____

Company Davenport - Elliott 3
Farm Leatherwood Oil Co

Quad Clay (7½)
County Clay
District Henry

WELL LOCATION MAP
File No. 015-70028 By farm

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Henry District, Clay County, W. Va.

Leatherwood Oil Co. (No. 3).

At mouth of Cove Hollow of Leatherwood Creek.

Elevation, about 714'.

Commenced spudding June 27, 1922; completed, July 13, 1922.

Well starts about 70 feet below Dorfee Coal (Coalburg seam).

(Oil and gas rights owned by lessors, Davenport & Elliott).

Drilled by Friend & Friend, contractors.

6-5/8" steel pipe conductor, 16'; 5-3/16" casing, 318'.

	Top.	Bottom.
Sand and gravel	0	16
Hard sand	16	24
Shale, black (8 inches coal at 30'; little gas)	24	35
Slate	35	50
Sand and slate (few inches slate and coal at 80')	50	135
Sand, limy	135	165
Sand, with shale	165	168
Sand, hard	168	184
Slate and lime shells (SLM here)	184	268
Coal	268	269
Sand, hard	269	284
Slate and lime shells	284	302
Shale (with 6 inches of coal)	302	305
Slate and shells	305	315
Slate and shells	315	320
Black slate	320	331
2nd Cow Run Sand (sand broken; some water at 335'; more water at 346-348', about 4 13' bailers per hour)	331	344
Black slate, shale, and coal (very black foam on pumpings)	344	347
Fire clay and lime	347	351
Lime, yellow (rather firm, hard at bottom)	351	355
Sand (oil pay, coarse) (gas and oil; steel line here), to bottom	355	362

Well bailed 5 barrels water and 4 barrels oil overnight.
 To tube properly, set packed between 351 and 355'.
 Shoot from 355 to 362'.

"This well is 450 feet, up creek, from No. 1 well, the log of which I sent you a couple of months ago. That well, No. 1, was drilled to depth of 2865 feet, and uncovered a show of oil and gas where we got the oil in this No. 3 well. I have called the sand Second Cow Run Sand, altho I am not sure what formation it is. We got some water under the casing and above the pay, and when the well is bailed dry it makes one-half barrel of oil per hour. This well starts 60 to 70 feet under the Coalburg seam of coal, which makes the pay sand about 415 to 425 feet under that seam of coal. On account of No. 1 well caving we were unable to get a sample of oil from the formation which we got in that well at 2563 feet, and which you thought was the Bayard Sand."....H.B.D...7-17-22.