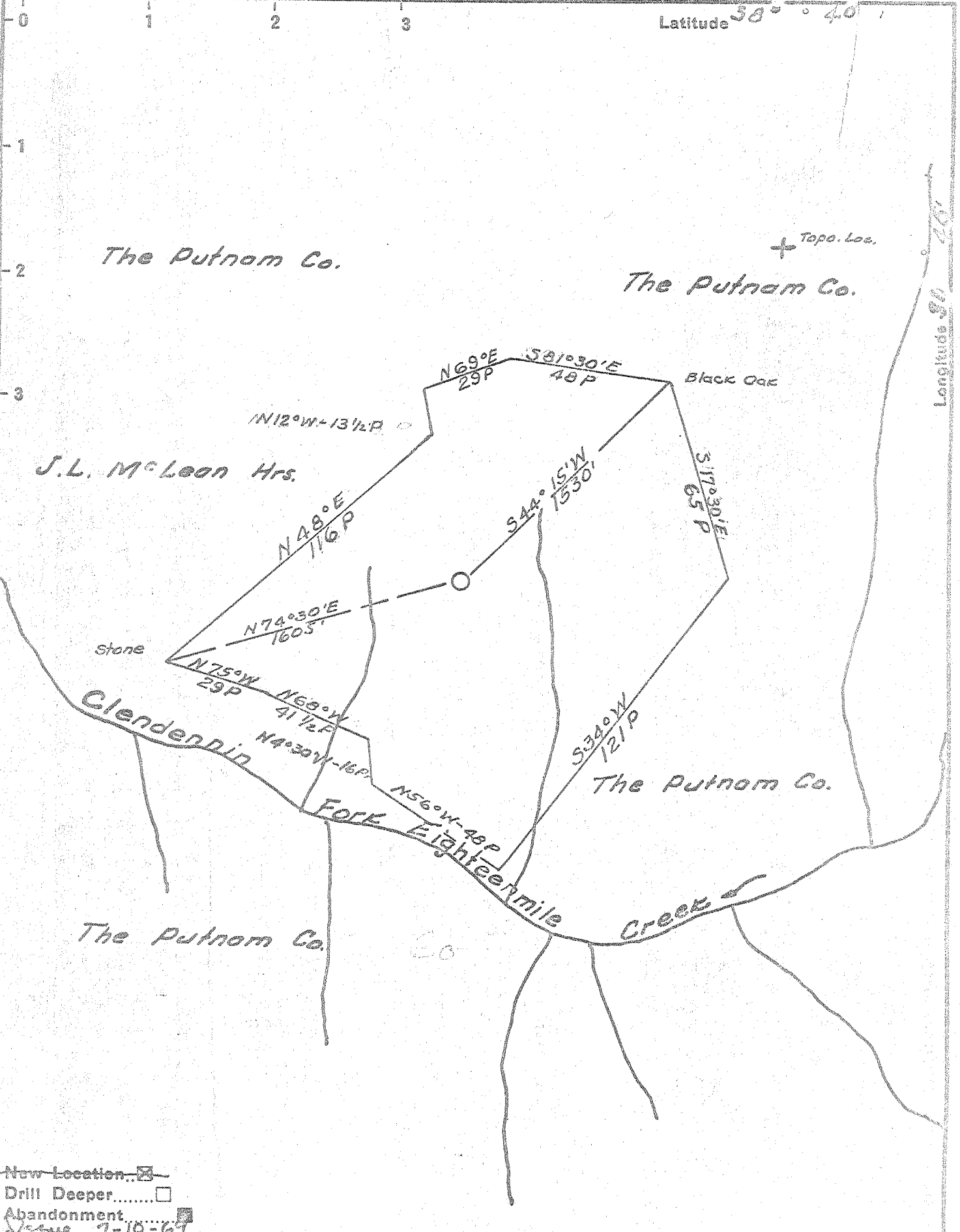


7/10/69 5198



New Location
 Drill Deeper
 Abandonment
 Date 7-16-69

Company Cabot Corporation (Godfrey L. Cabot Inc.)
 Address See Union Bldg. Charleston W. Va.
 Farm The Putnam Co.
 Tract _____ Acres 97 Lease No. 3-464
 Well (Farm) No. 45 Serial No. 1340
 Elevation (Spirit Level) 888.7
 Quadrangle Winfield EC
 County Putnam District Union
 Engineer H. J. Dinning
 Engineer's Registration No. 1652
 File No. _____ Drawing No. _____
 Date 11-17-50 Scale 1" = 660'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. Put-455-P

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

DEEPWELL

JUL 18 1969

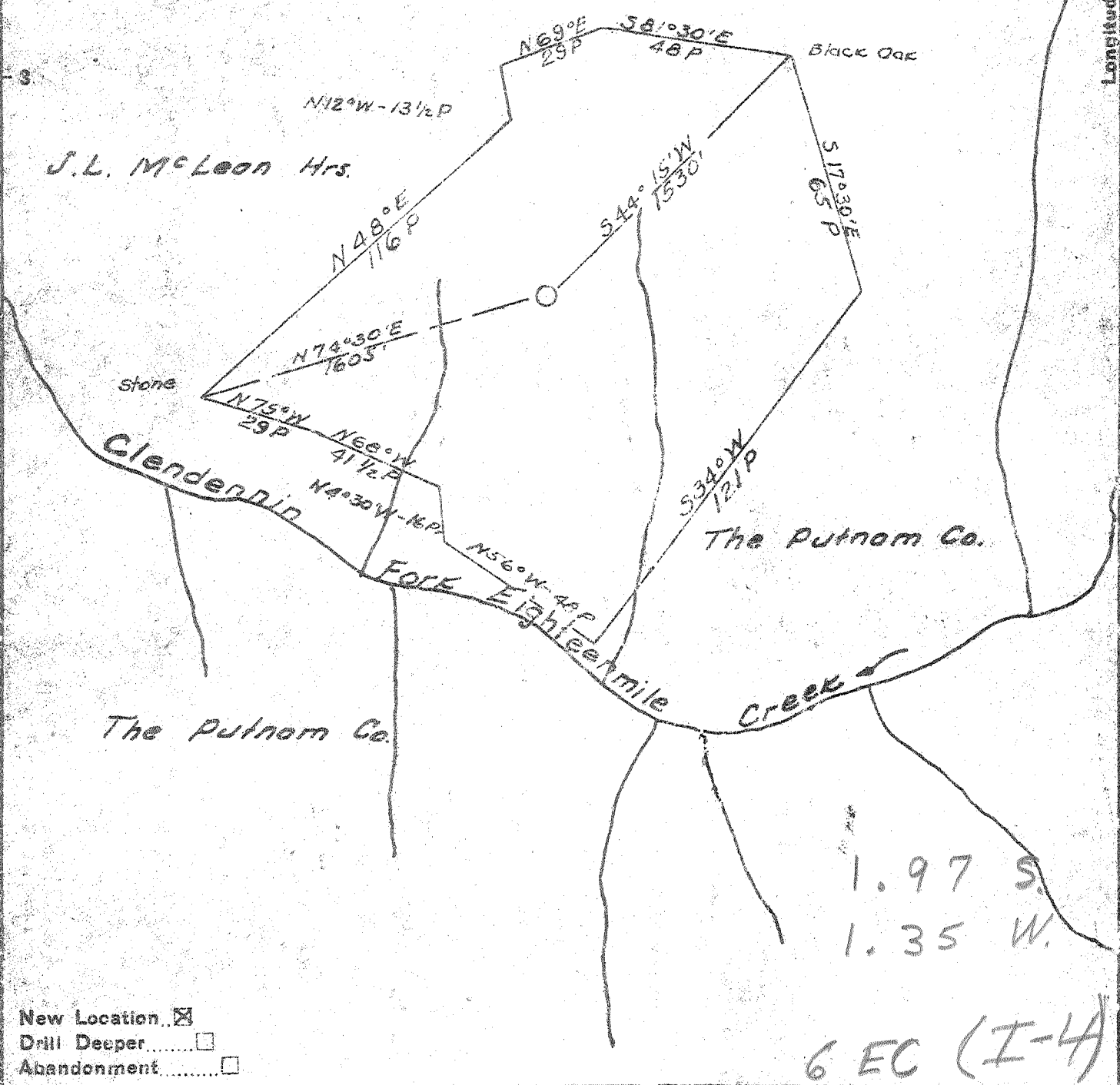
Latitude $38^{\circ} 40'$

Longitude $81^{\circ} 45'$

The Putnam Co.

The Putnam Co.

+ Topo. Loc.



- New Location
- Drill Deeper
- Abandonment

Company Godfrey L. Cabot Inc
 Address 900 Union Bldg. Charleston W. Va
 Farm The Putnam Co.
 Tract _____ Acres 37 Lease No. 3-464
 Well (Farm) No. 45 Serial No. 1340
 Elevation (Spirit Level) 500.7
 Quadrangle Winfield - EC
 County Putnam District Union
 Engineer _____
 Engineer's Registration No. _____
 File No. _____ Drawing No. _____
 Date 11-17-50 Scale 1" = 660'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. PUE-455

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

⊕ Denotes one inch spaces on border line of original tracing.

Deep Well

WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION
W E L L R E C O R D

Permit No. Put-455
Winfield Quad.

Gas

Company	Godfrey L. Cabot, Inc.	CASING & TUBING		
Farm	Putnam Company			
Well No.	45 (Ser. # 1340) Elev. 889	13	383	383
District	Union County - Putnam	10	1312	1312
Commenced	12/14/50	8	2285	2285
Completed	4/10/51	7	4942	1108
Date Shot	Not Shot			
Volume	32 MCF			
R.P.I.	Not taken			Bottom hole Packer

Sand	0	12	-Reiner Sand	2098	2105
Red Rock	12	177	White Slate	2105	2127
Sand	177	184	Sand	2127	2133
Red Rock	184	300	Slate	2133	2140
Sand	300	315	Sand	2140	2165
Red Rock	315	376	Slate	2165	2190
Slate & Shell	376	385	Sand	2190	2216
Red Rock	385	410	Lime	2216	2230
Sand	410	430	Sand	2230	2266
Slate & Shell	430	450	Slate & Shell	2266	2570
Red Rock	450	476	Steel Line Meas.	2314	
Sand	476	498	Brown Shale	2570	2585
Red Rock	498	508	Berea	2585	2602
Slate & Shell	508	539	Slate & Shell	2602	3820
Sand	539	555	Brown Shale	3820	3855
Lime	555	570	Slate & Shell	3855	4071
Slate	579	620	Brown Shale	4071	4184
Red Rock	620	632	Slate & Shell	4184	4225
Slate	632	654	Brown Shale	4225	4320
Red Rock	654	674	White Slate	4320	4715
Lime	674	690	Brown Shale	4715	4927
Slate	699	698	Corniferous	4927	5028
Red Rock	698	704	Criskany Sand	5028	5078
Sand	704	744	Lime	5078	
Slate	744	754			
Red Rock	754	785	TOTAL DEPTH	5084	
Sand	785	825			
Slate & Shell	825	860			
Lime	860	906			
Slate	906	988	Salt Water	1045	1/2 BPH
Red Rock	988	1013	Salt Water	1205	2 BPH
Lime	1013	1043	Salt Water	1789	Full
Sand	1043	1088			
Slate & Shell	1088	1084	Gas	3190	12 Mcf.
Sand	1184	1301			
Black Slate	1301	1311			
Slate & Shell	1311	1334	No gas, Oil or Water in Criskany.		
Sand	1334	1354			
Slate	1354	1412			
Sand	1412	1444			
Slate	1444	1510			
Sand	1510	1520			
Slate	1520	1618			
Sand	1618	1645			
Slate	1645	1730			
Salt Sand	1730	1901			
Big Lime	1901	2098			

4927 5078
889 889

4038 4139