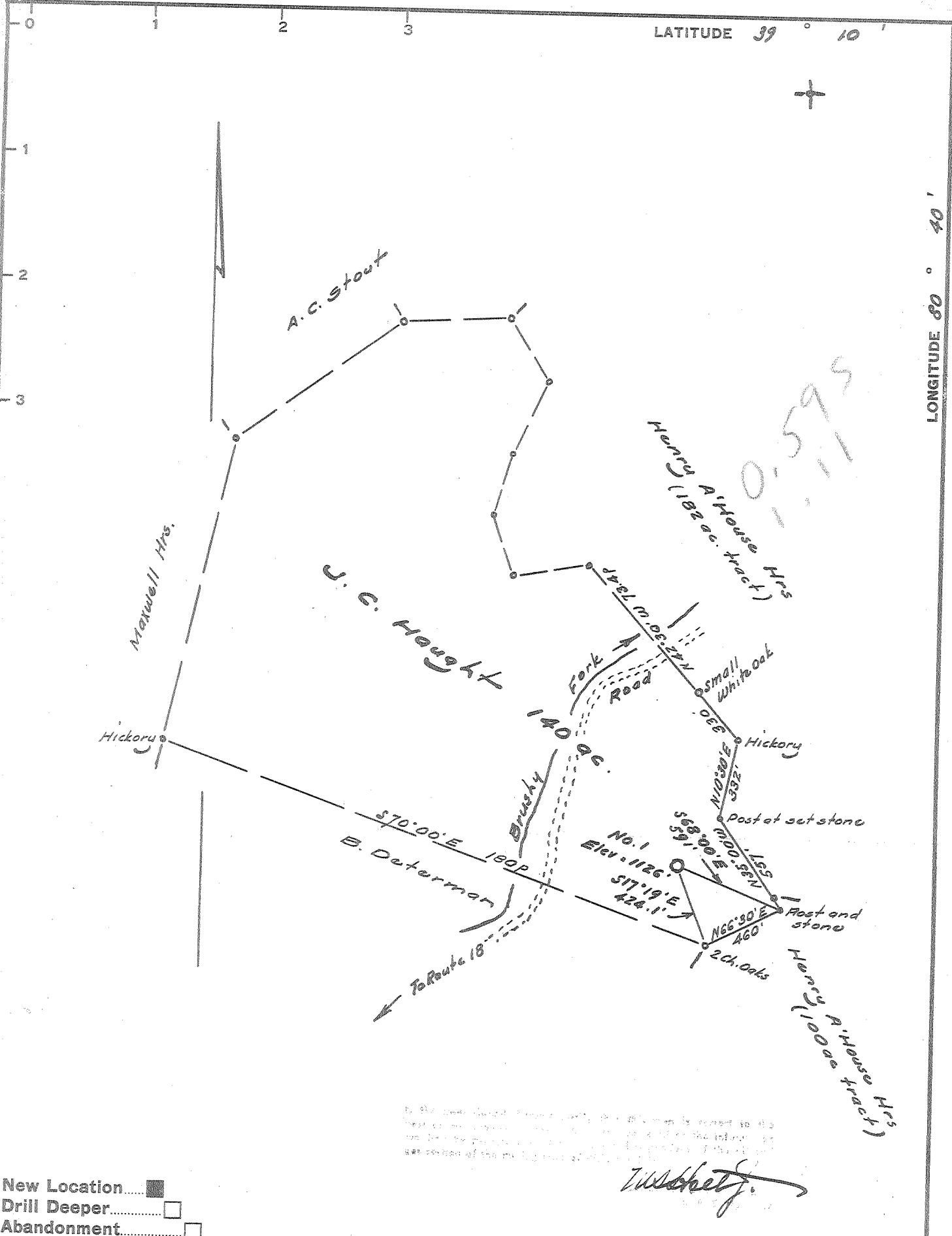


TCP



Company A. T. CARR DRILLING CO
 Address 218 1/2 Main Ave., Weston, W. Va.
 Farm J. C. Haught
 Tract _____ Acres 140 Lease No. _____
 Well (Farm) No. One Serial No. _____
 Elevation (Spirit Level) 1126
 Quadrangle Yadis WC
 County Doddridge District New Milton
 Engineer W. S. Haught
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date Jan 30, 1964 Scale 1" = 400' = 660'

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

WELL LOCATION MAP
 FILE NO. Dod - 1096

† 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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 3

Rotary
Spudder
Cable Tools
Storage

Quadrangle Vadis

Permit No. Dod-1096

WELL RECORD

Oil or Gas Well Both
(KIND)

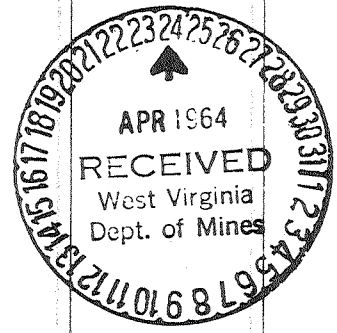
Company A. T. Carr Drilling
Address Box 7, Lost Creek, W. Va.
Farm J. C. Haught Acres 140
Location (waters) Brushy Fork
Well No. 1 Elev. 1128
District New Milton County Doddridge
The surface of tract is owned in fee by J. C. Haught heirs
Address Salem, W. Va.
Mineral rights are owned by Same
Address _____
Drilling commenced March 4, 1964
Drilling completed April 10, 1964
Date Shot _____ From _____ To _____
With Natural Flow
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume 75,000 Cu. Ft.
Rock Pressure 900 lbs. _____ hrs.
Oil 20 bbls., 1st 24 hrs.
WELL ACIDIZED _____
WELL FRACTURED Natural

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	20	20	
	255	255	Size of
8 1/2	1279	None	
7 7	1789	None	Depth set
5 3/16			
4 1/2 4 1/2	2350	2350	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

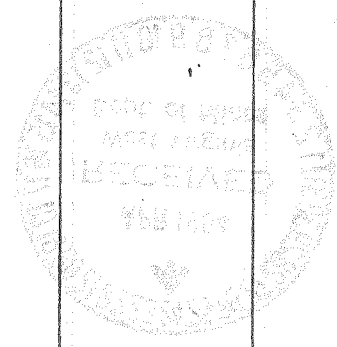
CASING CEMENTED 4 1/2 SIZE 50 No. Ft. _____ I ate
Cemented by hand
COAL WAS ENCOUNTERED AT None FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT No treatment
ROCK PRESSURE AFTER TREATMENT _____
Fresh Water None Feet _____ Salt Water 1725 Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
ay			0	25			
md			25	50			
d Rock			50	114			
ate			114	131			
d Rock			131	149			
ate			149	180			
d Rock			180	224			
ate			224	270			
d Rock			270	280			
ate			280	332			
ate Black			332	345			
ate			345	378			
d Rock			378	435			
ate			435	445			
nd			445	462			
d Rock			462	490			
ate			490	520			
d Rock			520	558			
nd			558	571			
d Rock			571	595			
ate			595	615			
i Rock			615	715			
nd			715	750			
ate			750	777			
nd			777	789			
ate			789	868			
nd			868	885			
ate			885	930			



Formation	Color	Hard or Soft	Top ³	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand			930	975			
Slate			975	997			
Red Rock			997	1009			
Slate			1009	1030			
Sand			1030	1050			
Slate			1050	1075			
Red Rock			1075	1108			
Slate			1108	1315			
Sand			1315	1375			
Slate			1375	1395			
Sand			1395	1495			
Slate			1495	1594			
Sandy Lime			1594	1660			
Slate			1660	1690			
Maxon Sand			1690	1735			
Lime			1735	1746			
Sand			1746	1785			
Lime			1785	1800			
Sand			1800	1813			
Slate			1813	1880			
Sandy Lime			1880	2040			
Slate			2040	2108			
Lime			2108	2120			
Red Rock			2120	2160			
Lime			2160	2180			
Lime			2180	2235			
Slate			2235	2250			
Lime			2250	2280			
Sand			2280	2342			
Lime			2342	2355			
Sand			2355	2412			
Oil & Gas from			2400 to 2412	Total depth			



Date April 23, 19 64
 APPROVED A. T. Carr, Owner
 By A. T. Carr, Owner
 (Title)