

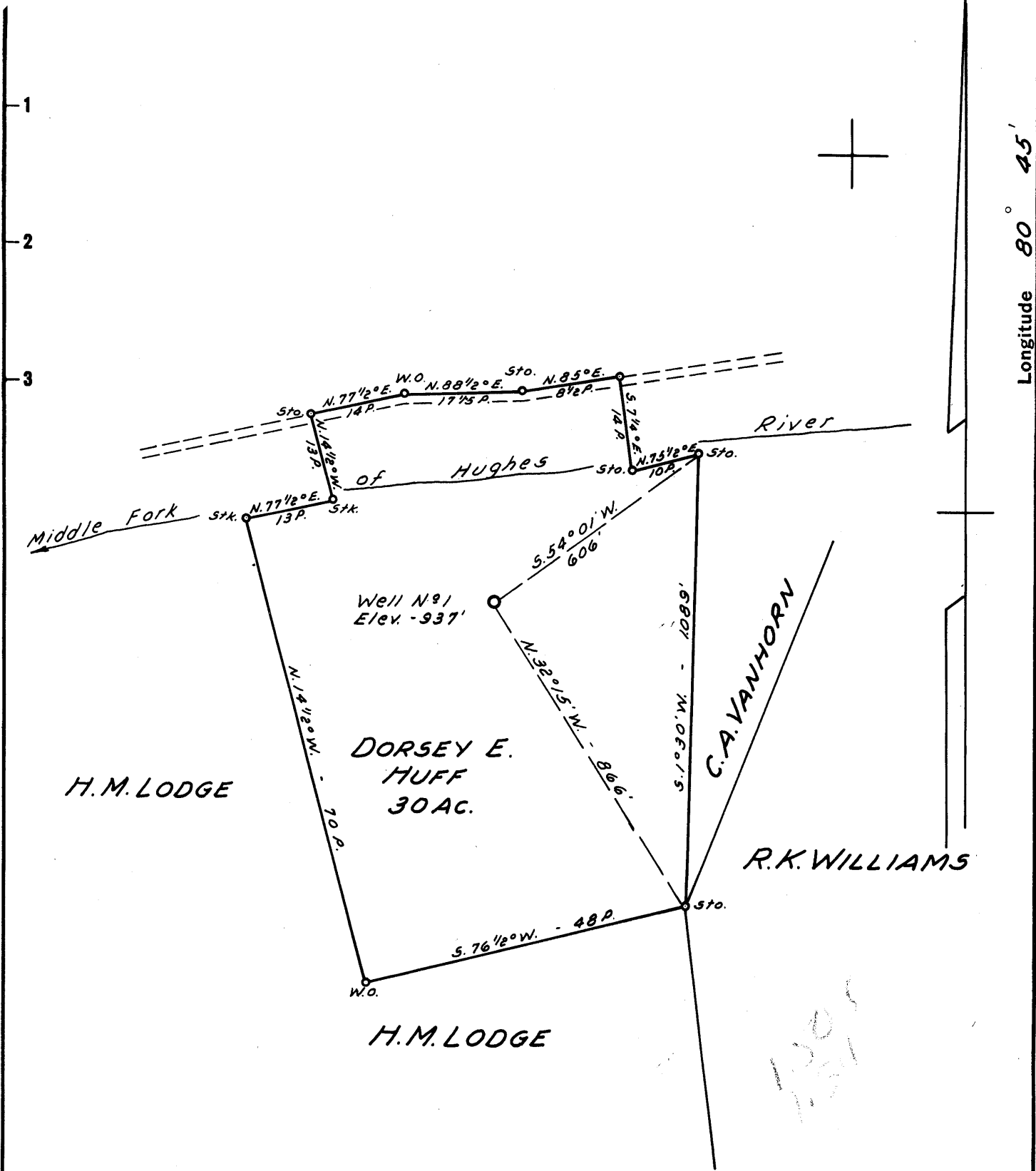
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2

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Latitude 39° 10'

Longitude 80° 45'



New Location
 Drill Deeper
 Abandonment

NOTE:

Dorsey E. Huff & owns Surface & 1/2 Oil & Gas Rights.
 H.C. Chapman Hrs. own 1/2 Oil & Gas Rights.

Company ASH & CHAPMAN
 Address 100 MARIE ST. WEST UNION, W. VA.
 Farm DORSEY E. HUFF
 Tract _____ Acres 30 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 937'
 Quadrangle HOLBROOK EC
 County DODDRIDGE District COVE
 Engineer JOHN W. HAMILTON
 Engineer's Registration No. 2274
 File No. _____ Drawing No. _____
 Date JULY 23, 1960 Scale 1" = 20 POLES

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

WELL LOCATION MAP
 FILE NO. DOD-431

+ 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 9

Quadrangle HOLBROOK

Permit No. DOD-431

WELL RECORD

Oil or Gas Well oil & Gas
(KIND)

Company Ash and Chapman
Address 100 Marie St. West Union, W. Va.
Farm Darsey E Huff Acres 30
Location (waters) Middle Fork of Hughes River
Well No. Huff #1 Elev. 937
District Cove County Doddridge
The surface of tract is owned in fee by Farnest Husk
Address Auburn, W. Va.
Mineral rights are owned by Darsey E. Huff
Address Oxford, W. Va.
Drilling commenced Sept. 1st 1960
Drilling completed Nov. 26th 1960
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED 1000 gal. 11-26-60
WELL FRACTURED Dawell 11-26-60

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer _____
16			
13			
10			Size of _____
8 1/4	500'		
6 5/8	700'		Depth set _____
5 3/16		1650'	
3			Perf. top _____
2		1900'	Perf. bottom <u>1824' to 1828'</u>
Liners Used		300'-4 1/2"	Perf. top <u>1800' to 1875'</u>
			Perf. bottom _____

CASING CEMENTED 5 1/2" SIZE 1650' No. Ft. 11-21-60 Date
12 sks. Cement - 6 sks. Aquagel
Garaton Service
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT 150,000 - 60 gal. Oil Per Hr.
ROCK PRESSURE AFTER TREATMENT 200# 24 Hours
Fresh Water 20' 90' Feet Salt Water 642' - 1570' Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface	Red	S	0	20			
Gravel	Brown	S	20	25			
Mud	Grey	S	25	45			
Mud	Blue	S	45	82			
Red Rock	Red	H	82	87			
Shale	Blue	H	87	90			
Red Rock	Red	H	90	105			
Shale	Blue	H	105	150			
Shale	Red	S	150	180			
Shale	Blue	H	180	190			
Shale, Sandy	Grey	H	190	220			
Shale	Blue	S	220	276			
Red Rock	Red	S	276	324			
Shale	Grey	S	324	513			
Red Rock	Red	S	513	531			
Shale, Sandy	Blue	H	531	560			
Red Rock	Red	S	560	784			
Shale	Blue	H	784	905			
Sand	Brown	H	905	907			
Shale	Blue	H	907	1105			
Shale, Sandy	Blue	H	1105	1155			

Formation	Color	Hard or Soft	Top η	Bottom	Oil, Gas or Water	Depth Found	Remarks
Shale	Blue	H	1155	1185			
Limestone	White	H	1185	1208			
Shale	Blue	S	1208	1250			
Shale	Black	H	1250	1277			
Shale	Blue	H	1277	1320			
Limeshells	White	H	1320	1383			
Shale, Sandy	Grey	H	1383	1419			
Shale	Blue	H	1419	1430			
1 st Salt Sand	Grey	H	1430	1480			
Shale	Grey	H	1480	1553			
2 nd Salt Sand	White	S	1553	1600			
Shale	Black	H	1600	1691			
Lime	White	H	1691	1744			
Pencil Cave	Black	S	1744	1752			
Big Lime	White	H	1752	1800			
Intun Sand	Grey	H	1800	1870			
Shale	Grey	H	1870	1904			