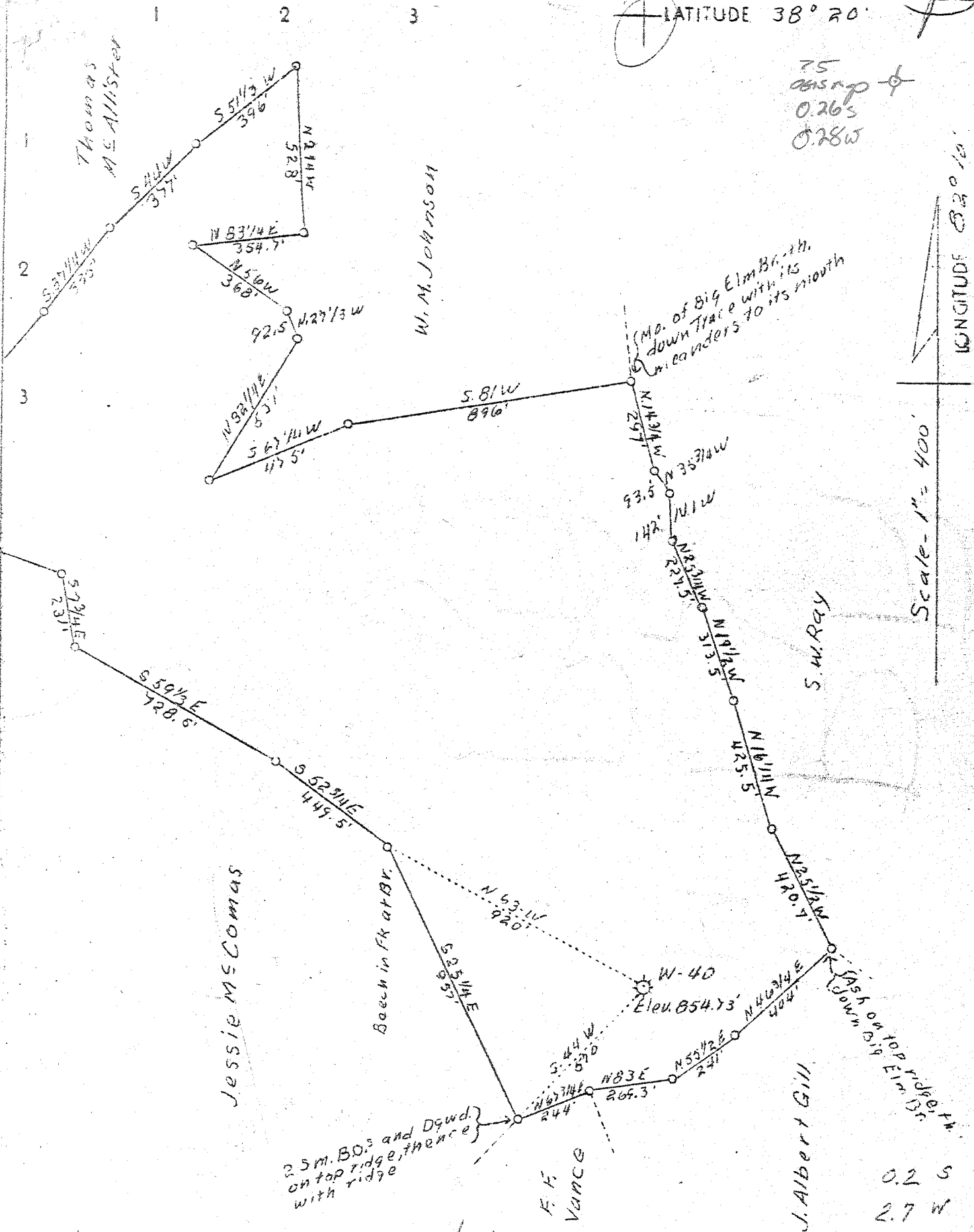


LATITUDE 38° 20'

LONGITUDE 82° 10'

75  
0.26 S  
0.28 W

Scale - 1" = 400'



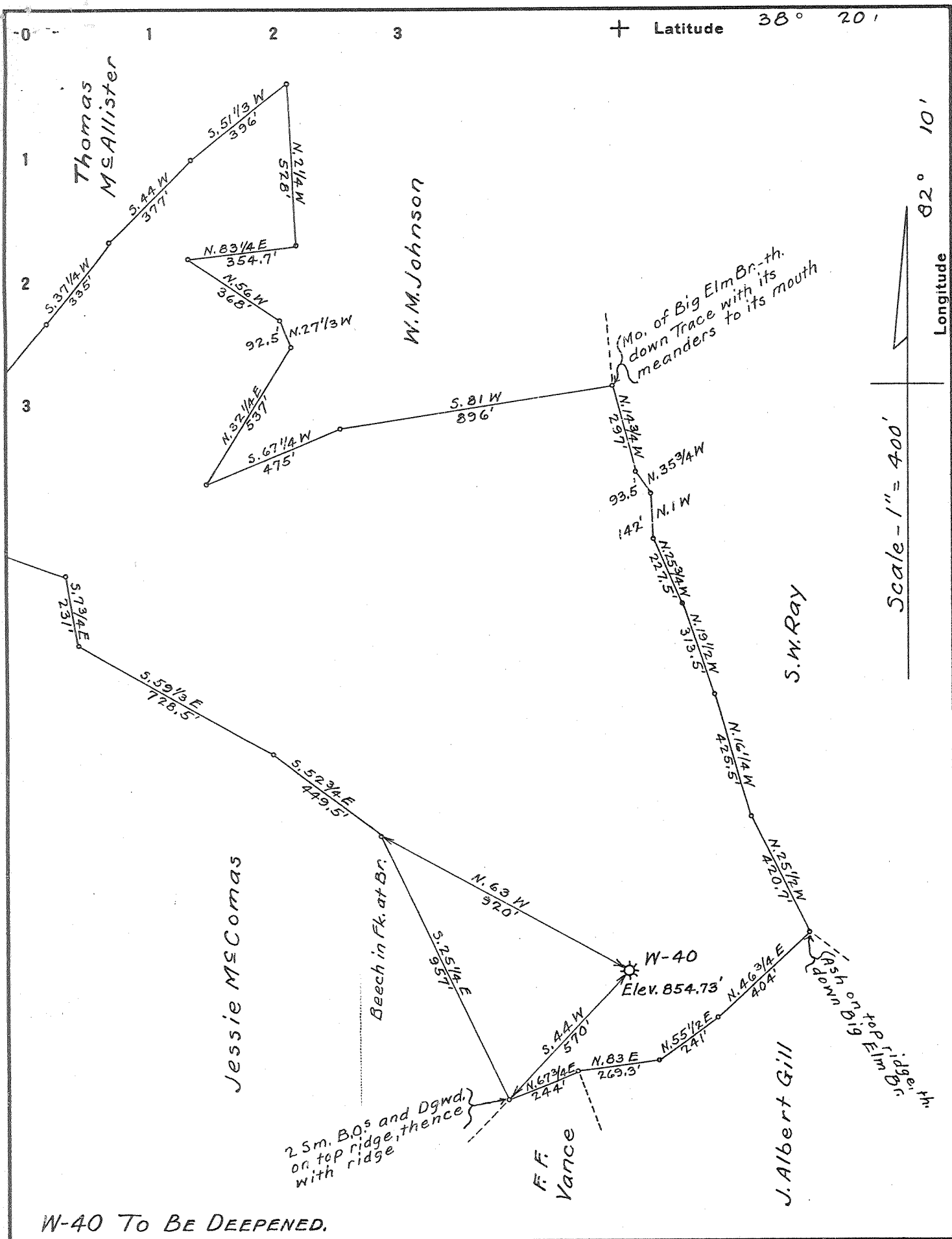
W-40 TO BE DEEPEMED See Vol 1 of 250

Company Kentucky-W. Va. Gas Co.  
 Address Ashland, Ky.  
 Farm Julia M. McComas  
 Acres 63.0  
 Lease No. T-363  
 Well (Farm) No. One  
 Serial No. W-40  
 Quadrangle Milton *S.W. West Hambs*  
 County Cabell  
 District McComas  
 Engineer C. D. Hunter  
 Eng. Reg. No. -  
 Date July 14, 1938  
 Scale 1" = 400'

STATE OF WEST VIRGINIA  
 Department of Mines  
 OIL & GAS DIVISION  
 Charleston

WELL LOCATION MAP  
 File No. Cab-321 D  
*originally drilled as Cabell 233*  
 X Denotes location of well on U. S. 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.

No samples 3-6 250 Deep Well



W-40 TO BE DEEPEDED.

Company Kentucky West Va. Gas Co.  
 Address Ashland, Ky.  
 Farm Julia M. McComas  
 Tract          Acres 63.0 Lease No. W-363  
 Well (Farm) No. 1 Serial No. W-40  
 Quadrangle Milton  
 County Cabell  
 District McComas  
 Engineer C.D. Hunter  
 Engineer's Registration No.           
 File No.          Drawing No.           
 Date July 14, 1938 Scale 1" = 400'

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

WELL LOCATION MAP  
 FILE NO. Cab-321

+ 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

WEST VIRGINIA DEPARTMENT OF MINES

OIL & GAS DIVISION

WELL RECORD

Permit No. Cab-321

Milton Quad.

DRILLED DEEPER

Gas Well

CASING & TUBING

Company Kentucky-V. Va. Gas Co.  
 Address Ashland, Ky.  
 Farm Julia M. McComas ACRES 63  
 Location Trace Creek  
 Well No. W-40 ELEV. 854.73  
 District McComas - Cabell County  
 Surface & Mineral Julia M. McComas,  
 Address Salt Rock, W. Va.  
 Drilling Commenced - (permit issued 7/28/38)  
 Drilling Completed - (log dated 9/24/38)  
 Shot -  
 Open Flow -  
 Volume - 440 m e.f.g.  
 Rock Pressure -  
 Water -

10 25  
 8-1/4 324  
 6-5/8 1409  
 5-3/16 1684  
 2 3637  
 Packer - 1 Bot. Hole  
 Size - 6-5/8  
 Depth set - 1409'  
 Packer - 1 Comb.H.W.&A  
 Size - 5-3/16 x 2  
 Depth set - 2197  
 2" tubing perforated  
 at 3582 & 3465

Formation Color <sup>Har</sup> TOP Base Result Formation Color <sup>Har</sup> TOP Base Result

DEEPENING RECORD

Big Injun	1595	1665	
Slate	1665	1671	
Shell	1671	1710	
Slate Shells	1710	1825	
Big Shell	1825	1925	
Slate & Shells	1925	2125	
Brown Shale	2125	2145	Gas
Berea	2145	2159	2149'
Black Shells	2159	2230	
Blue Shell	2230	2265	
Slate & Shells	2265	2552	
Lt. Brown Shale	2552	2660	
White Slate	2660	2680	
Brown Shale - 441	2680	2850	
White Slate	2850	2955	
Broken Shale	2955	3290	Gas 3160'
White Slate	3290	3540	Gas 3350'
Brown Shale	3540	3636	
Carboniferous	3636	3637	

461

3636  
 855  
 -----  
 2781

## CABELL COUNTY, W. VA., WELL RECORDS

## Julia M. McComas No. 1 (W-40) Well.

McComas District, Cabell County, W. Va.

By Kentucky-W. Va. Gas Company.

Permit No. Cab-321. (Deepening).

Elevation, 854.73' L.

410 M. cu. ft. gas.

Located 0.16 mi. S. of 38° 20' and 2.7 mi. W. of 82° 16'—SW—Milton

Quadrangle.

On head of Trace Creek of Guyandot River.

0.6 mi. N. E. of Salt Rock; 2.1 mi. S. of Roach.

	Top.	Bottom.	Thickness.	Elevation (top)
Big Line -----	1358	1524	166	— 503
Big Injun Sand -----	1595	1665	70	— 740
Berea Sand -----	2145	2159	14	—1290
Corniferous Lime -----	3636	3637	1+	—2781

Thickness, Devonian Shales, 1477 feet.

Total depth, 3637'.

Remarks:

Log dated Sept. 24, 1938.

Deepened from 1595'. Shale gas, 3160' and 3350'.

Berea gas show at 2149'.

On 63 acres.

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

PRELIMINARY DATA SHEET NO. 1

File No. Cab-321

DRILLED DEEPER

Well No. W-40

Kentucky West Virginia Gas Company of Asiland, Kentucky  
on the Julia M. McComas Farm  
containing 63 acres. Location Trace Creek  
McComas District, in Cabell County, West Virginia

The surface of the above tract is owned in fee by Julia M. McComas  
of Salt Rock, West Virginia address, and the mineral rights are owned by  
Julia M. McComas of Salt Rock, West Virginia

The oil and gas privileges are held under lease by the above named company, and this well is drilled under permit  
No. CAB-321 issued by the West Virginia Department of Mines, Oil and Gas Division  
July 28 1938

Elevation of surface at top of well, 854.73' Spirit

The number of feet of the different sized casings used in the well.

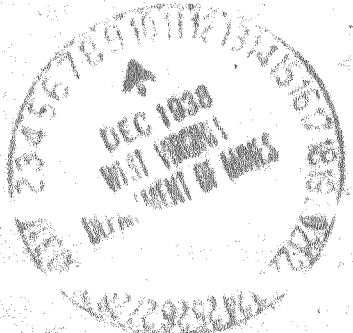
Length (feet)	Casing Size	Material
<u>25</u>	<u>10"</u>	<u>Steel</u>
<u>324</u>	<u>3 1/2"</u>	<u>Weld conductor</u>
<u>1409</u>	<u>6-5/8"</u>	<u>sized cas. tubing</u>
<u>1684</u>	<u>5-3/16"</u>	<u>3637</u>
	<u>2"</u>	<u>sized cas.</u>
		<u>sized cas.</u>
<u>1</u>	<u>Bottom Hole</u>	<u>packer of 6-5/8" size, set at 1409'</u>
<u>1</u>	<u>Comb. H. W. &amp; A.</u>	<u>packer of 5-3/16 x 2" size, set at 2197'</u>
<u>2"</u>	<u>tubing</u>	<u>in casing perforated at 3582' &amp; 3465' feet to feet</u>
		<u>in casing perforated at feet to feet</u>

Coal was encountered at \_\_\_\_\_ feet, thick near \_\_\_\_\_ inches, and at \_\_\_\_\_ feet; thickness \_\_\_\_\_ inches; and at \_\_\_\_\_ feet; thickness \_\_\_\_\_ inches.

Liners were used as follows: (Give details) None

September 24, 1938.

Date. Approved KENTUCKY WEST VIRGINIA GAS CO. Owner  
By [Signature] Vice President



Kentucky West Virginia Gas Company

COMPLETION DATA SHEET

Ashland, Kentucky

Address

No. 2

Julia M. McComes

FORMATION RECORD

WELL No. W-40

FARM

Name	Color	Character	Oil, Gas or Water	Top	Bottom	Thickness	Total Depth	Remarks
DEEPENING RECORD.								
Big Injun				1595	1665	70	1665	
Slate				1665	1671	6	1671	
Shell				1671	1710	39	1710	
Slate Shells				1710	1825	115	1825	
Big Shell				1825	1925	100	1925	
Slate & Shells				1925	2125	200	2125	
Brown Shale			Gas	2125	2145	20	2145	
Berea Sand			WATER 2149'	2145	2159	14	2159	
Black Shells				2159	2230	71	2230	
Blue Shell				2230	2265	35	2265	
Slate & Shells				2265	2350	85	2350	
Lt. Brown Shale				2350	2530	180	2530	
White Slate				2530	2680	150	2680	
Brown Shale				2680	2850	170	2850	
White Slate				2850	2955	105	2955	
Broken Shale			Gas 3160'	2955	3230	275	3230	
White Slate			" 3350'	3230	3540	310	3540	
Brown Shale				3540	3636	96	3636	
Corniferous				3636	3637	1	3637	

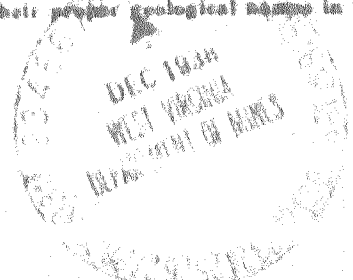
Well was not shot at \_\_\_\_\_ feet; well was shot at \_\_\_\_\_ shot

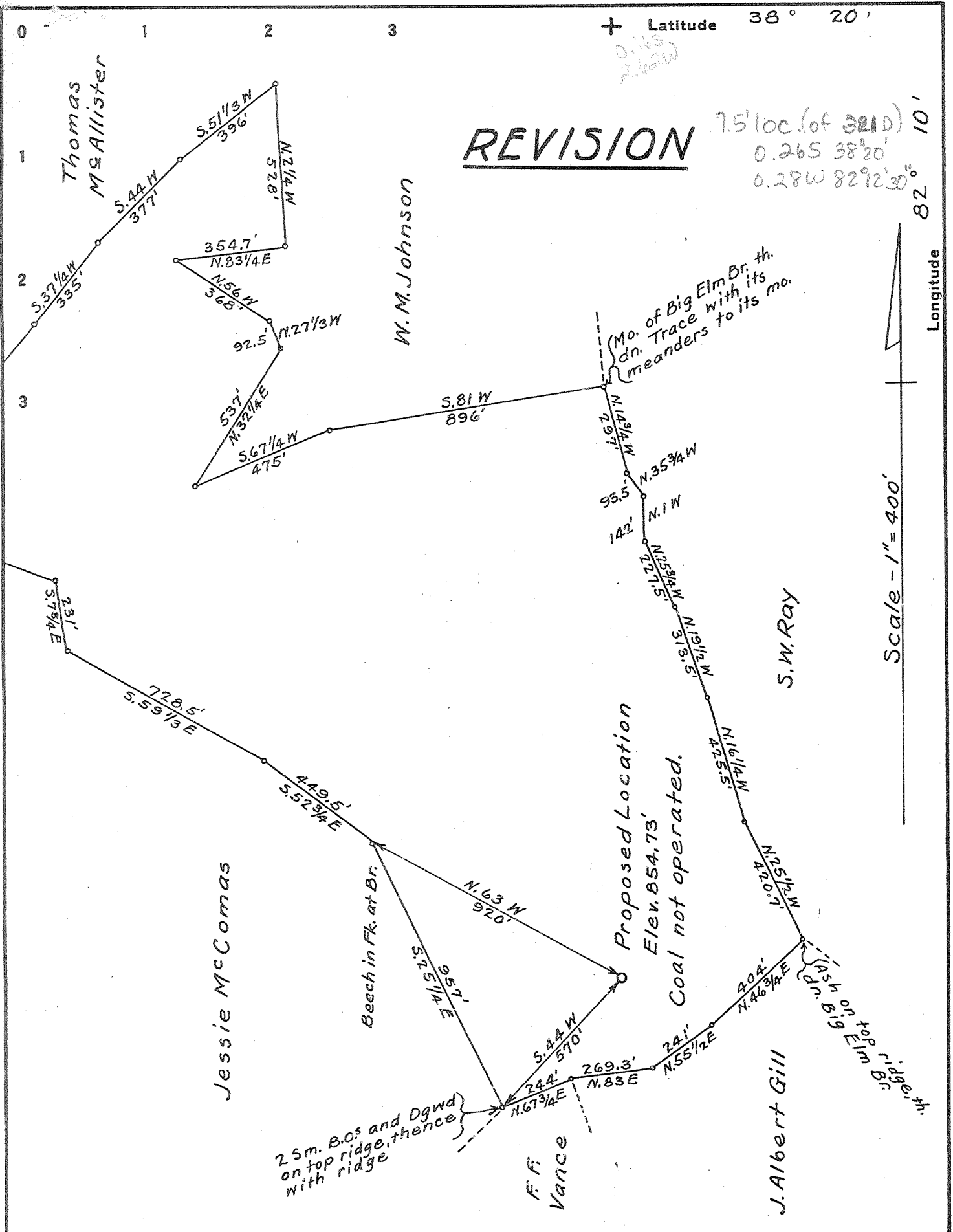
Well was \_\_\_\_\_ salt  
Fresh water at \_\_\_\_\_ foot; fresh water at \_\_\_\_\_ salt

Well was \_\_\_\_\_ producing hole.  
dry

KENTUCKY WEST VIRGINIA GAS COMPANY  
Approved By [Signature]  
Owner Vice President

NOTE: All bottom formations must be noted as indicated above and all key rocks and oil and gas sands must be recorded with their proper geological names in the district as well as any local names commonly used in the district for such strata.





**REVISION**

7.5' loc. (of 321D)  
 0.265 38° 20'  
 0.28 W 82° 12' 30"

Longitude 82° 10'  
 Scale - 1" = 400'

Company Kentucky West Va. Gas Co.  
 Address Ashland, Ky.  
 Farm Julia M. McComas  
 Tract \_\_\_\_\_ Acres 63<sup>e</sup> Lease No. W-363  
 Well (Farm) No. 1 Serial No. W-40  
 Quadrangle Milton <sup>SW</sup> West Hamlin  
 County Cabell  
 District McComas  
 Engineer C. D. Hunter  
 Engineer's Registration No. \_\_\_\_\_  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date July 21, 1936 Scale 1" = 400'

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

**WELL LOCATION MAP**

FILE NO. C A B - 233

DD as 321D -  
 † 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.

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

PRELIMINARY DATA SHEET NO. 1

File No. \_\_\_\_\_

Well No. V-40

Kentucky West Virginia Gas Company of Ashland, Kentucky

on the Julia M. McComas Farm

containing 63 acres. Location Trace Creek

McComas District, in Cabell County, West Virginia

The surface of the above tract is owned in fee by Julia M. McComas

of Salt Rock, West Virginia address, and the mineral rights are owned by

Julia M. McComas of Salt Rock, West Virginia

The oil and gas privileges are held under lease by the above named company, and this well is drilled under permit

No. CAB-233 issued by the West Virginia Department of Mines, Oil and Gas Division

August 7 1936

Elevation of surface at top of well, 854.73' Spirit Barometric.

The number of feet of the different sized casings used in the well.

<u>25</u>	feet	<u>10"</u>	size.	<u>Steel</u>	conductor.
<u>324</u>	feet	<u>8 1/2"</u>	size, csg.	<u>1409</u>	feet <u>6-5/8"</u> sized csg.
<u>1601</u>	feet	<u>3"</u>	size, tubing		feet sized csg.
	feet		size, csg.		feet sized csg.

1 Bottom hole packer of 6-5/8" size, set at 1409'

1 Gas anchor packer of 6-5/8 x 3" size, set at 1569'

3" tubing, in casing perforated at 1595 feet to 1601 feet.

in casing perforated at \_\_\_\_\_ feet to \_\_\_\_\_ feet.

Coal was encountered at \_\_\_\_\_ feet, thickness \_\_\_\_\_ inches, and at

feet; thickness \_\_\_\_\_ inches; and at \_\_\_\_\_ feet; thickness \_\_\_\_\_ inches.

Liners were used as follows: (Give details) None

Aug. 17, 1936.

Date.

Approved KENTUCKY WEST VIRGINIA GAS CO. Owner.

By [Signature] General Supt.





UNB-233

OIL OR GAS WELL

Kentucky West Virginia Gas Company

COMPLETION DATA SHEET

Ashland, Kentucky Address

No. 2

FORMATION RECORD

WELL NO. W-40

FARM Julia M. McComas

Name	Color	Character	Oil, Gas or Water	Top	Bottom	Thickness	Total Depth	Remarks
Surface				0	10	10	10	
Sand				10	40	30	40	
Slate				40	80	40	80	
Sand				80	123	43	123	
Slate				123	357	234	357	
Sand				357	550	193	550	
Slate				550	563	13	563	
Sand				563	680	117	680	
Slate				680	835	155	835	
Sand				835	848	13	848	
Slate				848	860	12	860	
Lime Shells				860	884	24	884	
Slate				884	900	16	900	
Slate hard shells				900	1000	100	1000	
Salt Sand				1000	1095	95	1095	
Slate, black				1095	1105	10	1105	
Sand				1105	1200	95	1200	
Slate, blue				1200	1225	25	1225	
Sand				1225	1268	43	1268	
Slate				1268	1315	47	1315	
Red Rock				1315	1320	5	1320	
Slate				1320	1325	5	1325	
Little Lime				1325	1350	25	1350	
Pencil Cave				1350	1358	8	1358	
Big Lime				1358	1524	166	1524	
Keener Sand				1524	1557	33	1557	
Slate & Shell				1557	1595	38	1595	
Big Injun				1595	1601	6	1601	
Total depth							1601	

Well was not shot at ..... feet; well was shot at ..... feet

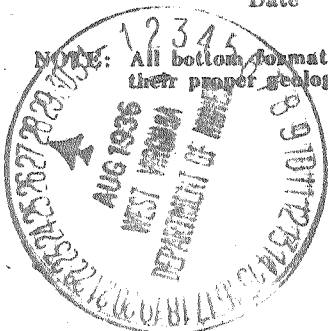
Fresh water at 200 feet; salt fresh water at 500', 845' and 1010 feet

Well was producing Gas - 1,296,000 Cu. ft. hole -

August 17, 1936. Date

KENTUCKY WEST VIRGINIA GAS COMPANY

Approved By [Signature] Owner General Supt.



NOTE: All bottom formations must be noted as indicated above and all key-rocks and oil and gas sands must be recorded with their proper geological names in the district as well as any local names commonly used in the district for such strata.