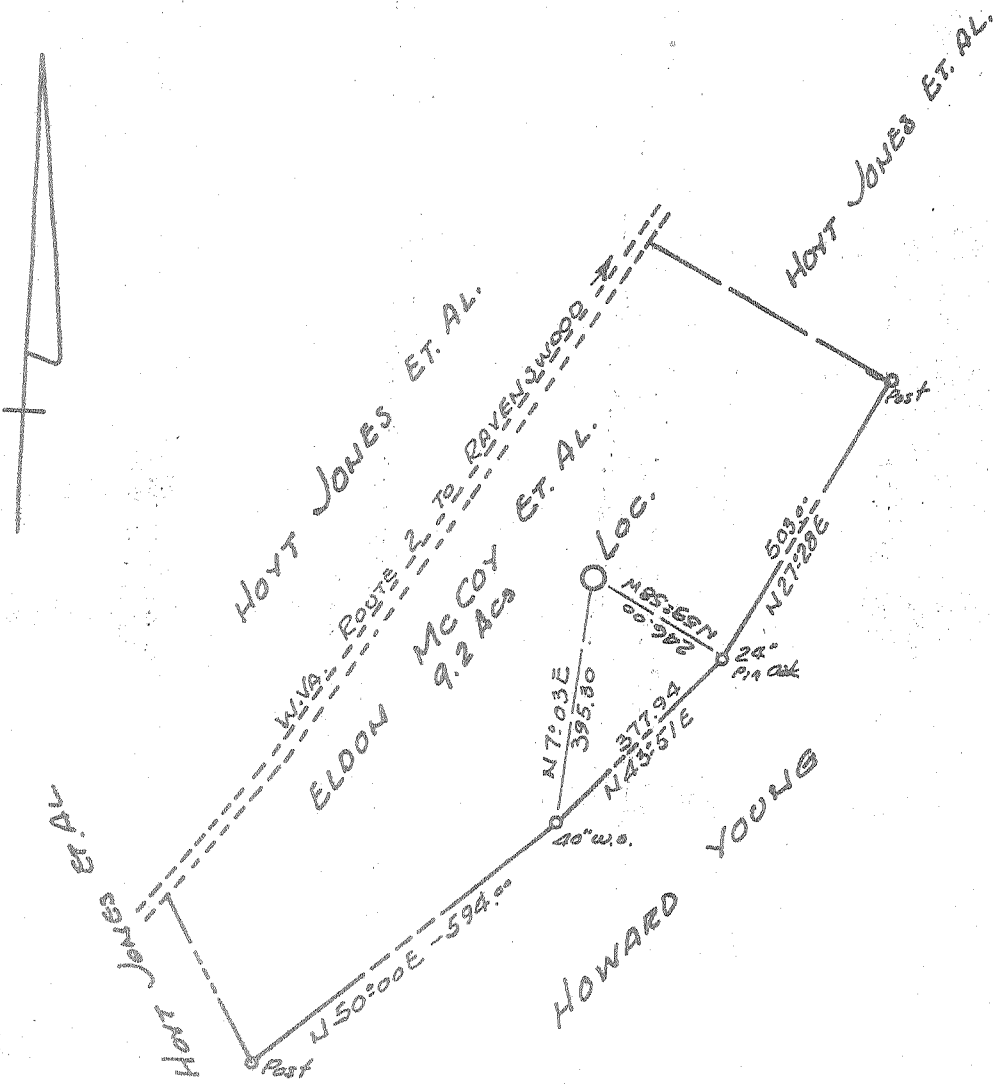


Latitude 39° 00'

Longitude 81° 45'



Minimum Error of Closure 1 in 200
 Source of Elevation U.S.G.S. Elev. 594' Road Intersection
 Issued 1/19/71

"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

New Location
 Drill Deeper
 Abandonment
 Partial Plugging

Company Burdette Asphalt AND PAVING Co.
 Address 72 SPRING ST. CHAS. W. VA.
 Farm ELDON McCOY ET AL.
 Tract _____ Acres 9.2 PART OF 40 AC. TRACT
 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 684.0
 Quadrangle RAVENSWOOD NE
 County JACKSON District RAVENSWOOD
 Engineer N. G. Sefton
 Engineer's Registration No. 1832
 File No. _____ Drawing No. _____
 Date Nov. 14, 1970 Scale 1" = 300'

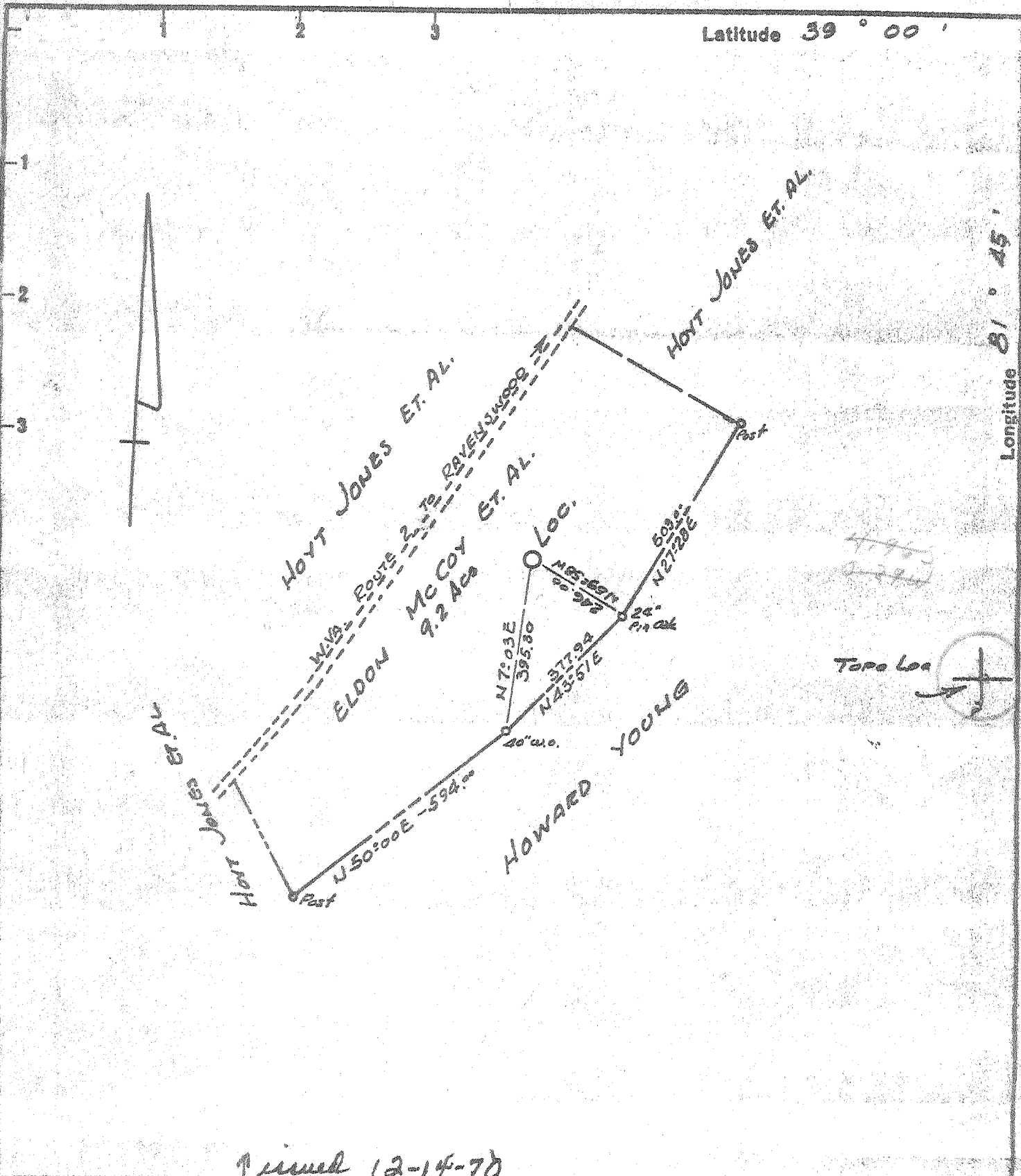
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. JAC-1251-PP-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.

Latitude 39° 00'

Longitude 81° 45'



revised 12-14-70

- New location
- Drill Deeper
- Abandonment
- Partial Plugging

Minimum Error of Closure 1 in 200
 Source of Elevation U.S.G.S. Elev. 594' Road Intersection

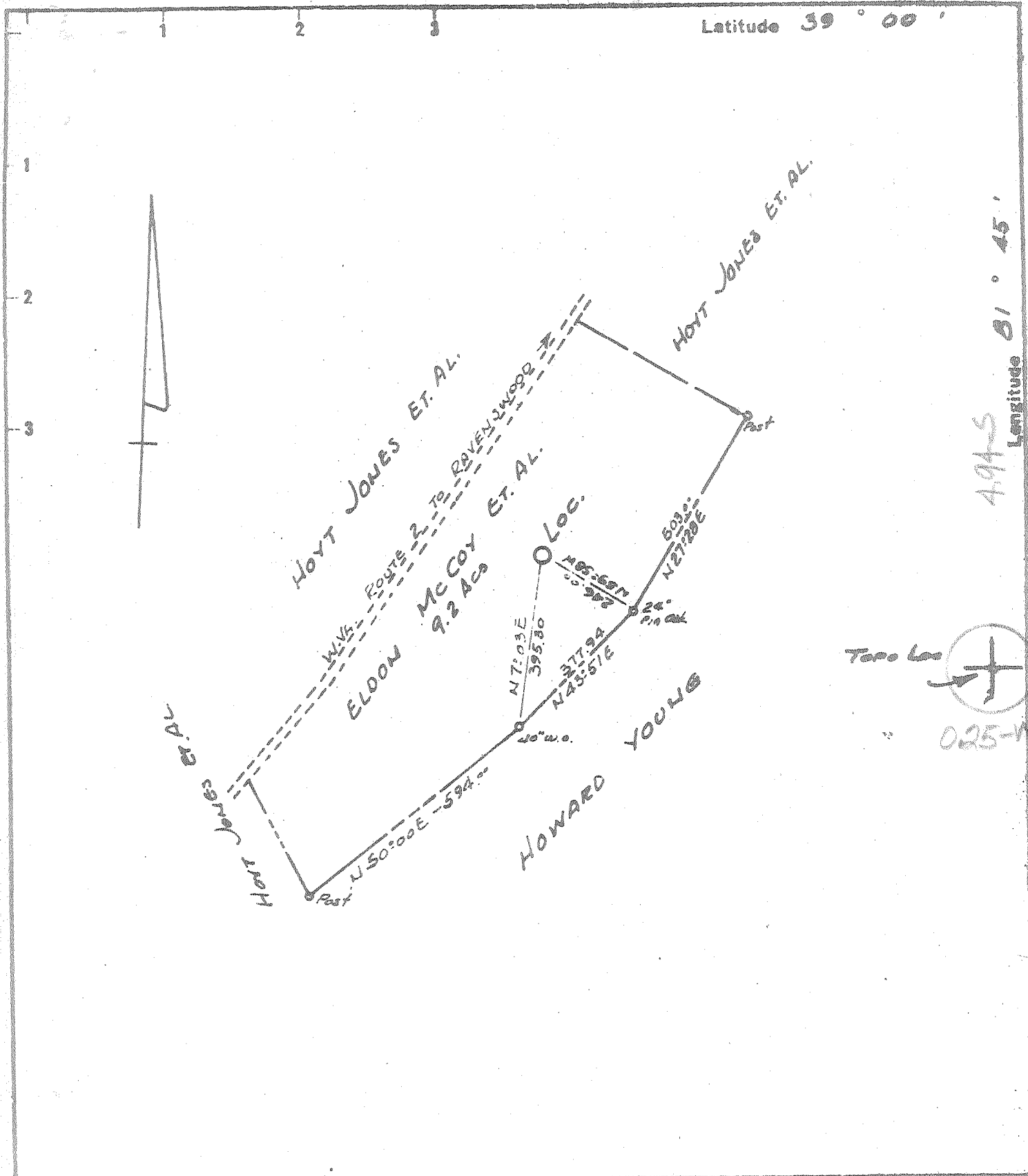
"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Company Burdette Asphalt and Paving Co.
 Address 7 1/2 Spring St. Chas. W. Va.
 Farm Eldon McCoy Et. Al.
 Tract _____ Acres 9.2 Part of 40 Ac. Tract
 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 684' 0
 Quadrangle Ravenswood NE
 County Jackson District Ravenswood
 Engineer T. G. Sefton
 Engineer's Registration No. 1832
 File No. _____ Drawing No. _____
 Date Nov. 14, 1970 Scale 1" = 500'

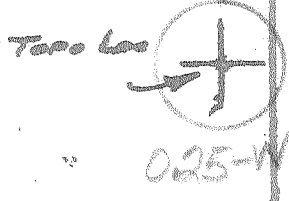
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. JAC-1251-PP

- + 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.

Latitude 39° 00'



Latitude 81° 45'



- New Location
- Drill Deeper
- Abandonment

Minimum Error of Closure 1 in 200
 Source of Elevation U.S.G.S. Elev. 594' Road Intersection

"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Company Burdette Asphalt and Paving Co.
 Address 7 1/2 Spring St. Char. W. Va.
 Farm ELDON MCCOY ET AL.
 Tract _____ Acres 9.2 PART OF 40 AC. TRACT
 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 684.0
 Quadrangle RAVENSWOOD NE
 County JACKSON District RAVENSWOOD
 Engineer N. G. Sefton
 Engineer's Registration No. 1832
 File No. _____ Drawing No. _____
 Date Nov. 14, 1970 Scale 1" = 300'

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

WELL LOCATION MAP
 FILE NO. JAC-1251

- + 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.

6-0 ~~Groundhog Creek~~

342

Deep Well (Newburg)
 DEC 4 1970



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 4

- Rotary
- Spudder
- Cable Tools
- Storage

Quadrangle Ravenswood

Permit No. Jac - 1251PP

WELL RECORD

Oil or Gas Well Dry
(KIND)

Company Burdette Asphalt and Paving Co.
Address 7 1/2 Spring St. Charleston, W. Va.
Farm Eldon McCoy et al Acres 9.2
Location (waters) Ohio River
Well No. 1 Elev. Est. 645'
District Ravenswood County Jackson
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced 12-6-70
Drilling completed 12-14-70
Date Shot _____ From _____ To _____
With _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13 3/8	95'	95'	
10			Size of
8 1/4 5/8	2112'	2112'	
6 5/8			Depth set
5 1/16 1/2	5063'	1336	
4 1/2			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume No Gas Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS) _____
WELL FRACTURED (DETAILS) No
RESULT AFTER TREATMENT (Initial open Flow or bbls.) _____
ROCK PRESSURE AFTER TREATMENT _____ HOURS
Fresh Water _____ Feet Salt Water _____ Feet
Producing Sand _____ Depth _____

Attach copy of cementing record.
CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
Amount of cement used (bags) See back
Name of Service Co. _____
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Shale			105'	360			
h. Sd. & RR			360	1000			
and			1000	1485			
and & Shale			1485	1544			
ig Lime			1544	1670			
hale			1670	1762			
air			1762	1802			
hale			1802	2106			
offee Shale			2106	2122			
erea			2122	2125	Oil Show		
hale			2125	4323			
orniferous - 463			4323	4418			
elderburg			4418	4603			
alina			4603	5101			
illiamsport horizon (Newberry)			5101	5118			
ockport <u>McKenzie</u>			5118				
			Total Depth	5158			
				<u>545</u>		(over)	

*Revised this
Subsurface
Asst. on
12-15-70*

Original Note

Formation	Color	Hard or Soft	Top ψ	Bottom	Oil, Gas or Water	Depth Found	Remarks
	13 3/8"	95'	12-6-70	110 sks.	Dowell		
	8 5/8"	2112'	12-8-70	250 sks	Dowell		
	5 1/2"	5063'	12-11-70	150 sks.	Dowell		
Hole to be plugged back to bottom of 8 5/8" - whipstocked and redrilled to Newburg							

Date 12-14, 1970

APPROVED Burdette Asphalt & Paving Co., Owner

By Gene Haney, Cons. Geologist
(Title)



RECEIVED

JAN 19 1971

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

- Rotary
- Spudder
- Cable Tools
- Storage

Quadrangle Ravenswood

Permit No. Jac = 1251 PP Whipstock Hole

WELL RECORD

Oil or Gas Well Dry (KIND)

Company	Casing and Tubing	Used in Drilling	Left in Well	Packers
Burdette Asphalt & Paving Co.	Size			Kind of Packer
Address 7 1/2 Spring St. Charleston, W. Va.	16			
Farm Eldon McCoy et al Acres 9.2	13	95'	95'	
Location (waters) Ohio River	10			Size of
Well No. 1 Elev. 664 D.F.	8 1/4 / 5/8	2112'	2112'	Depth set
District _____ County _____	6%			
The surface of tract is owned in fee by _____ Address _____	5 3/16			Perf. top
Mineral rights are owned by _____ Address _____	4 1/2			Perf. bottom
Drilling commenced 12-28-70	3			Perf. top
Drilling completed 1-18-71	2			Perf. bottom
Date Shot _____ From _____ To _____	Liners Used			

Attach copy of cementing record.

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

Amount of cement used (bags) See original record

Name of Service Co. _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

WELL ACIDIZED (DETAILS) No

WELL FRACTURED (DETAILS) No

RESULT AFTER TREATMENT (Initial open Flow or bbls.) _____

ROCK PRESSURE AFTER TREATMENT _____ HOURS _____

Fresh Water _____ Feet _____ Salt Water _____ Feet _____

Producing Sand _____ Depth _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
This hole whipstocked from original hole at approximately 2350'							
Shale				4362			
Corniferous			4362	4458			
Helderberg			4458	4648			
Salina			4648	5143			
Newburg			5143	5146			
Dolomite & some shale		McKenzie	5146				
			Total Depth	5180'			
				Bottom estimated at	± 400' slightly NE of original location.		
				5180			
				5158			
				22	new sidetrack footage		

Sidetrack Hole

FEB 1 1971