

Minimum Error of Closure 1 in 700

Source of Elevation Elev. Floyd Gearhart No. 1 = 1105'

- Fracture.....
- New Location.....
- Drill Deeper.....
- Abandonment.....

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.

Signed: W. H. Stout
 Squares: N S E W

Map No. issued 5-25-70

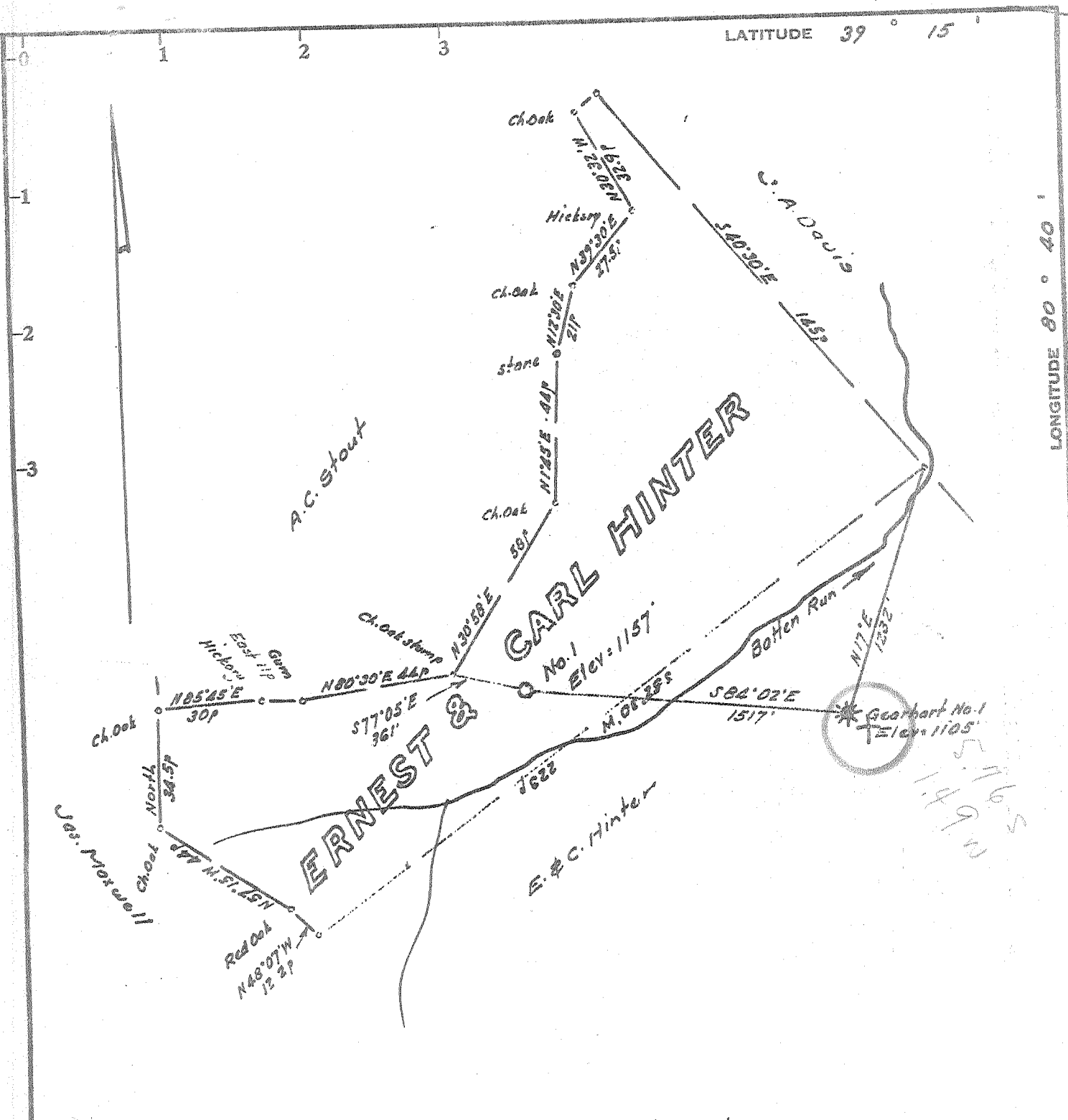
Company	John R. Warren dba Warren Drilling Co.
Address	1215 United Founders Tower Oklahoma City, Oklahoma
Farm	Carl C. Hinter
Tract	Acres <u>101</u> Lease No.
Well (Farm) No.	<u>One</u> Serial No.
Elevation (Spirit Level)	<u>1157</u>
Quadrangle	<u>Vadis NW</u>
County	<u>Doddridge</u> District <u>New Milton</u>
Engineer	<u>W. H. Stout</u>
Engineer's Registration No.	<u>1227</u>
File No.	Drawing No.
Date	<u>March 7, 1970</u> Scale <u>1" = 40p. = 660'</u>

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

WELL LOCATION MAP
 FILE NO. DOD-1584-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.



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Signed: [Signature]
Squares: N S E W

Map No.

Company John R. Warren dba Warren Drilling Co.
 Address 1215 United Founders Lower Oklahoma City, Oklahoma
 Farm Carl & Ernest HINTER
 Tract _____ Acres 10' Lease No. _____
 Well (Farm) No. One Serial No. _____
 Elevation (Spirit Level) 1157
 Quadrangle Vadis NW
 County Doddridge District New Milton
 Engineer [Signature]
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date March 7, 1970 Scale 1" = 40p = 660'

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

WELL LOCATION MAP

FILE NO. 200-1584

+ 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.

MAY 22 1970

Form OG-10



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

Rotary
Spudder
Cable Tools
Storage

Quadrangle Vadis
Permit No. DODD-1584

WELL RECORD

Oil or Gas Well Dry
(KIND)

Company John R. Warren
Address Oklahoma City, Oklahoma
Farm Carl & Ernest Hiner Acres 101
Location (waters) Batton Run
Well No. One Elev. 1157'
District New Milton County Doddridge
The surface of tract is owned in fee by Carl & Ernest Hiner
Address New Milton, W. Va.

Mineral rights are owned by Same
Address _____

Drilling commenced 5 - 11 - 70
Drilling completed 5 - 19 - 70
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 (DETAILS) _____
WELL FRACTURED (DETAILS) _____

RESULT AFTER TREATMENT (Initial open Flow or bbls.) _____
ROCK PRESSURE AFTER TREATMENT _____ HOURS
Fresh Water 55 Feet _____ Salt Water _____ Feet _____
Producing Sand _____ Depth _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			Size of
10			Depth set
8 1/4	159	159	
6 5/8	Cemented	Dowell	
5 3/16			Perf. top
4 1/2			Perf. bottom
3			Perf. top
2			Perf. bottom
Liners Used			

Attach copy of cementing record.
CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
Amount of cement used (bags) _____
Name of Service Co. _____
COAL WAS ENCOUNTERED AT 0 FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Sand & Top Soil			0	34			
Sand & Shale			34	170	Water	55	
Sand			170	220			
Shale & Red Rock			220	472			
Sand & Shale			472	727			
Sand & Shale			727	1017			
Shale & Red Rock			1017	1445			
Sand & Shale			1445	1764			
Sand & Shale			1764	2100			
Sand			2100	2140			
Shale			2140	2170			
Sand (Maxton)			2170	2186	Water	2182	
Shale			2186	2203			
Lime			2203	2222			
Shale			2222	2254			
Lime (Big)			2254	2332			
Sand (Big Injun)			2332	2404			
Shale			2404	2475			
Total Depth				2475			

(over)

JUN 1 1970