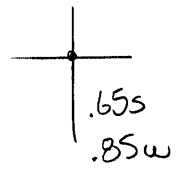


40°37'30"

Latitude

80°32'30"

Longitude



**Topo Location**

7.5' Loc. \_\_\_\_\_ 15' Loc. \_\_\_\_\_  
 \_\_\_\_\_ (calc.) \_\_\_\_\_

Company Clyde Donald Chamey

Farm C Donald Chamey #2

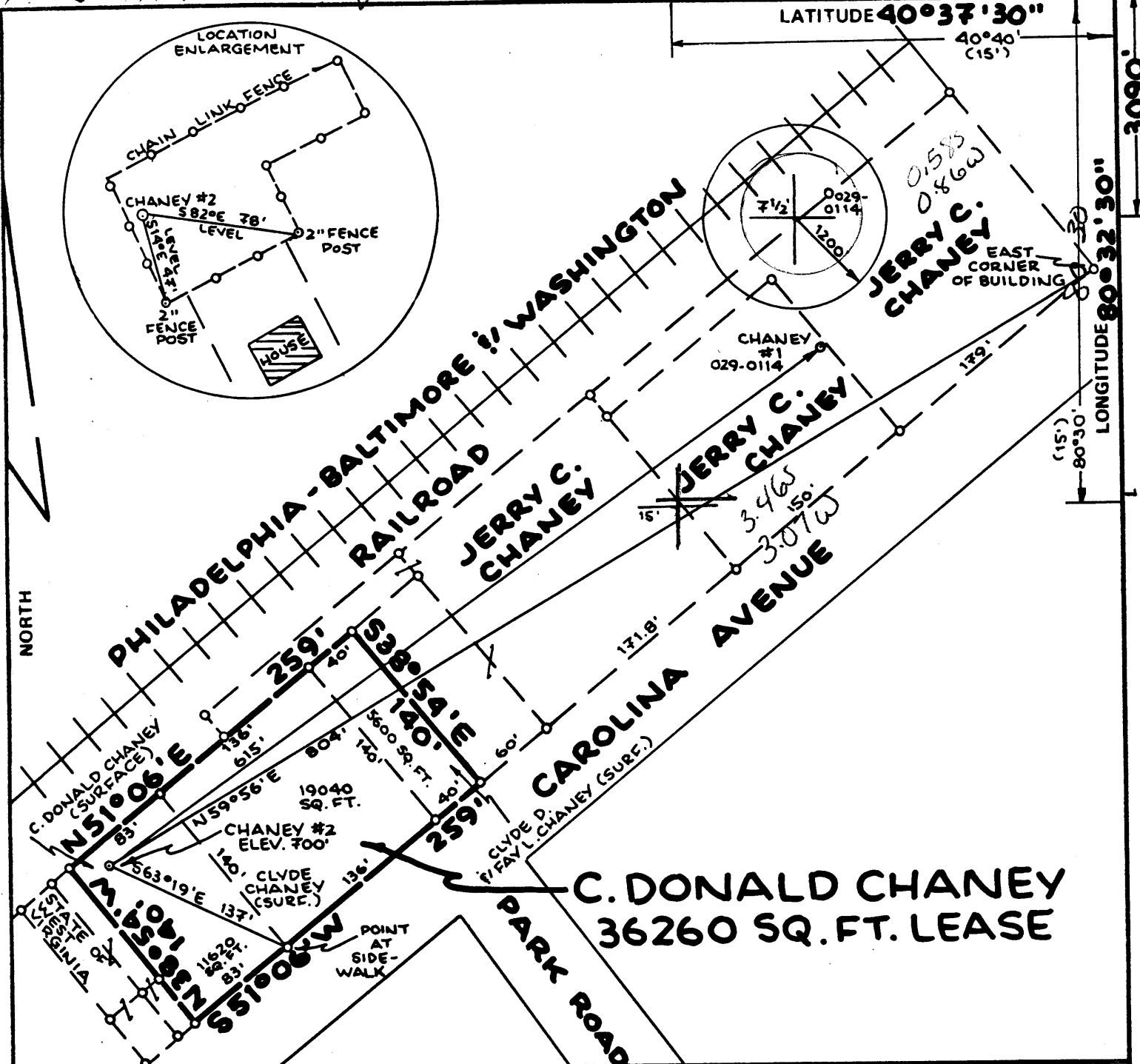
15' Quad \_\_\_\_\_  
(sec.)

7.5' Quad East Liverpool South

District Grant

**WELL LOCATION PLAT**

County 029 Permit 115



FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE **1" = 100'**  
 MINIMUM DEGREE OF ACCURACY **1:200**  
 PROVEN SOURCE OF ELEVATION **ROAD INT. ELEV. 710'**

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.  
 (SIGNED) William L. Massey  
 R.P.E. \_\_\_\_\_ L.L.S. **551**

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 FORM IV-6 (8-78)



STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

DATE **21 JUNE**, 19 **84**  
 OPERATOR'S WELL NO. **C. CHANEY #2**  
 API WELL NO. **47 - 029 - 0115**  
 STATE COUNTY PERMIT

WELL TYPE: OIL  GAS  LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS,") PRODUCTION  STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW   
 LOCATION: ELEVATION **700'**  WATER SHED **MARKS RUN OF OHIO RIVER**  
 DISTRICT **GRANT-CHESTER CORP.** COUNTY **HANCOCK**  
 QUADRANGLE **EAST LIVERPOOL SOUTH** **7 1/2' QUAD.** Wellsville 15' EC 131  
 SURFACE OWNER **C. DONALD CHANEY** **330** ACREAGE **11620 SQ. FT.**  
 OIL & GAS ROYALTY OWNER **C. DONALD CHANEY** LEASE ACREAGE **36260 SQ. FT.**  
 LEASE NO. \_\_\_\_\_

PROPOSED WORK: DRILL  CONVERT \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR STIMULATE \_\_\_\_\_ PLUG OFF OLD FORMATION \_\_\_\_\_ PERFORATE NEW FORMATION \_\_\_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
 PLUG AND ABANDON \_\_\_\_\_ CLEAN OUT AND REPLUG \_\_\_\_\_  
 TARGET FORMATION **LOWER DEVONIAN SHALES** TESTED DEPTH **4000'**  
 WELL OPERATOR **CLYDE DONALD CHANEY** DESIGNATED AGENT **CLYDE DONALD CHANEY**  
 ADDRESS **399 CAROLINA AVENUE 246** ADDRESS **399 CAROLINA AVENUE**  
**CHESTER, W. VA. 26034** **CHESTER, W. VA. 26034**

DEC 09 1984

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## OIL & GAS DIVISION DEPT. OF MINES STATE OF WEST VIRGINIA DEPARTMENT OF MINES

Rotary   
Spudder   
Cable Tools   
Storage

OIL AND GAS DIVISION

Quadrangle East Liverpool-South 7 1/2

Permit No. 47-029-0115

### WELL RECORD

Oil or Gas Well Gas  
(KIND)

Company	Address	Farm	Location (waters)	Well No.	District	The surface of tract is owned in fee by	Mineral rights are owned by	Drilling commenced	Drilling completed	Date Shot	With	Open Flow	Volume	Rock Pressure	Oil	WELL ACIDIZED (DETAILS)	WELL FRACTURED (DETAILS)
<u>C. Donald Chaney</u>	<u>799 Carolina Ave. Chester, W. Va.</u>	<u>C. Donald Chaney</u>	<u>Marks Run of Ohio River</u>	<u>Chaney #2</u>	<u>Grant</u>	<u>C. Donald Chaney</u>	<u>C. Donald Chaney</u>	<u>Feb. 2, 1985</u>	<u>Feb. 26, 1985</u>	<u>Feb. 22-85</u>	<u>20 qts. Nitro</u>	<u>10ths Water in</u>	<u>20,000 before shot, 30,000 after</u>	<u>92 lbs.</u>	<u></u>	<u>no</u>	<u>Shot with 20 qts. Nitro</u>

Casing and Tubing	Used in Drilling	Left in Well	Packers
260 3/4			
16			Kind of Packer
13			Size of
10	10'	10'	Depth set
8 1/4	67'	67'	
6 3/8	203'	203'	
5 3/16	468'	468'	
4 1/2			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Attach copy of cementing record. 2-8-85

CASING CEMENTED yes SIZE 7"OD No. Ft 203' Date

Amount of cement used (bags) 50 bags

Name of Service Co. Target Cementing Company

COAL WAS ENCOUNTERED AT none FEET  INCHES

FEET  INCHES  FEET  INCHES

FEET  INCHES  FEET  INCHES

RESULT AFTER TREATMENT (Initial open Flow or bbls.) no oil ✓

ROCK PRESSURE AFTER TREATMENT 92 lbs. HOURS 24

Fresh Water 65'-80'-125' Feet  Salt Water 225' Feet

Producing Sand Berea Depth 537'-556'

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
rt & Rocks	Black	soft	0'	25'			
nd Gravel	Brown	soft	25'	65'	water fresh	65ft.	
nd Stone	Brown	hard	65'	95'	water fresh	80ft.	
nd Stone	Gray	hard	95'	110'			
ale	Lt. Gray	M. hard	110'	160'	water fresh	125ft.	
ale	D. Gray	soft	160'	230'	little salt water	225'	
ndy Shale	L. & D. Gray	streak hard	230'	270'			
ale	D. Gray	soft	270'	285'			
nd	L. Gray	hard	285'	320'			
nd & Shale	L. Gray	m. hard	320'	412'			
nd	L. Gray	hard	412'	430'			
nd & Shale	Gray	m. hard	430'	517'			
ale	Almost Black	m. hard	517'	537'			
nd	White & dark gray	hard	537'	556'	<u>Berea</u>		
nd & Shale	Gray	m. hard	556'	572'			
			Total Depth <u>572'</u>				

APR 15 1985

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks

Date March 22, 1985  
 APPROVED W. D. Cherry, Owner  
 By Owner  
 (Title)

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001 1 01984



1) Date: September 21, 1984  
 2) Operator's Well No. Chaney #2  
 3) API Well No. 47 - 029 - 0115  
 State            County            Permit           

**OIL & GAS DIV.  
DEPT. OF MINES**

**STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES, OIL AND GAS DIVISION  
APPLICATION FOR A WELL WORK PERMIT**

- 4) WELL TYPE: A Oil            / Gas X  
 B (If "Gas", Production            / Underground storage            / Deep            / Shallow X)  
 5) LOCATION: Elevation: 700' Watershed: Marks Run of Ohio River  
 District: Grant County: Hancock Quadrangle: E. Liverpool-South 7 1/2  
 6) WELL OPERATOR C. Donald Chaney 7) DESIGNATED AGENT C. Donald Chaney  
 Address 799 Carolina Ave. Address 799 Carolina Ave.  
Chester, W. Va. 26034 Chester, W. Va. 26034  
 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:  
 Name Robert Lowther Name G. O. W. Resources  
 Address General Delivery, Address Lycia Ave.,  
Middlebourne, WV 26149 Chester, W. Va. 26034  
 10) PROPOSED WELL WORK: Drill X / Drill deeper            / Redrill            / Stimulate             
 Plug off old formation            / Perforate new formation             
 Other physical change in well (specify)             
 11) GEOLOGICAL TARGET FORMATION, Berea or Fifth Sand, Lower Devonian Shale  
 12) Estimated depth of completed well, 800' - 2400' feet  
 13) Approximate strata depths: Fresh, 180 feet; salt, 350 feet.  
 14) Approximate coal seam depths: None Is coal being mined in the area? Yes            / No X

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor	10"	A	31		X	65 ft.	65 ft.		Kinds
Fresh water	8"	A	28		X	200 ft.	200 ft.	C.T.S.	
Coal	None								Sizes <u>None</u>
Intermediate									
Production	7"	A	20	X		450 ft.	450 ft. fill to top		Depths set
Tubing	4 1/2"		10 1/2	X		2400 ft.	2400 ft.	200 SKS	
Liners									Perforations: Top <u>          </u> Bottom <u>          </u>

**OFFICE USE ONLY  
DRILLING PERMIT**

Permit number 47-029-0115 Date November 20, 19 84

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector, (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.  
 Permit expires November 20, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>SB</u>	Agent: <u>MW</u>	Plat: <u>TS</u>	Casing: <u>TS</u>	Fee: <u>7086</u>
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*Margaret J. Hesse*  
 Administrator, Office of Oil and Gas