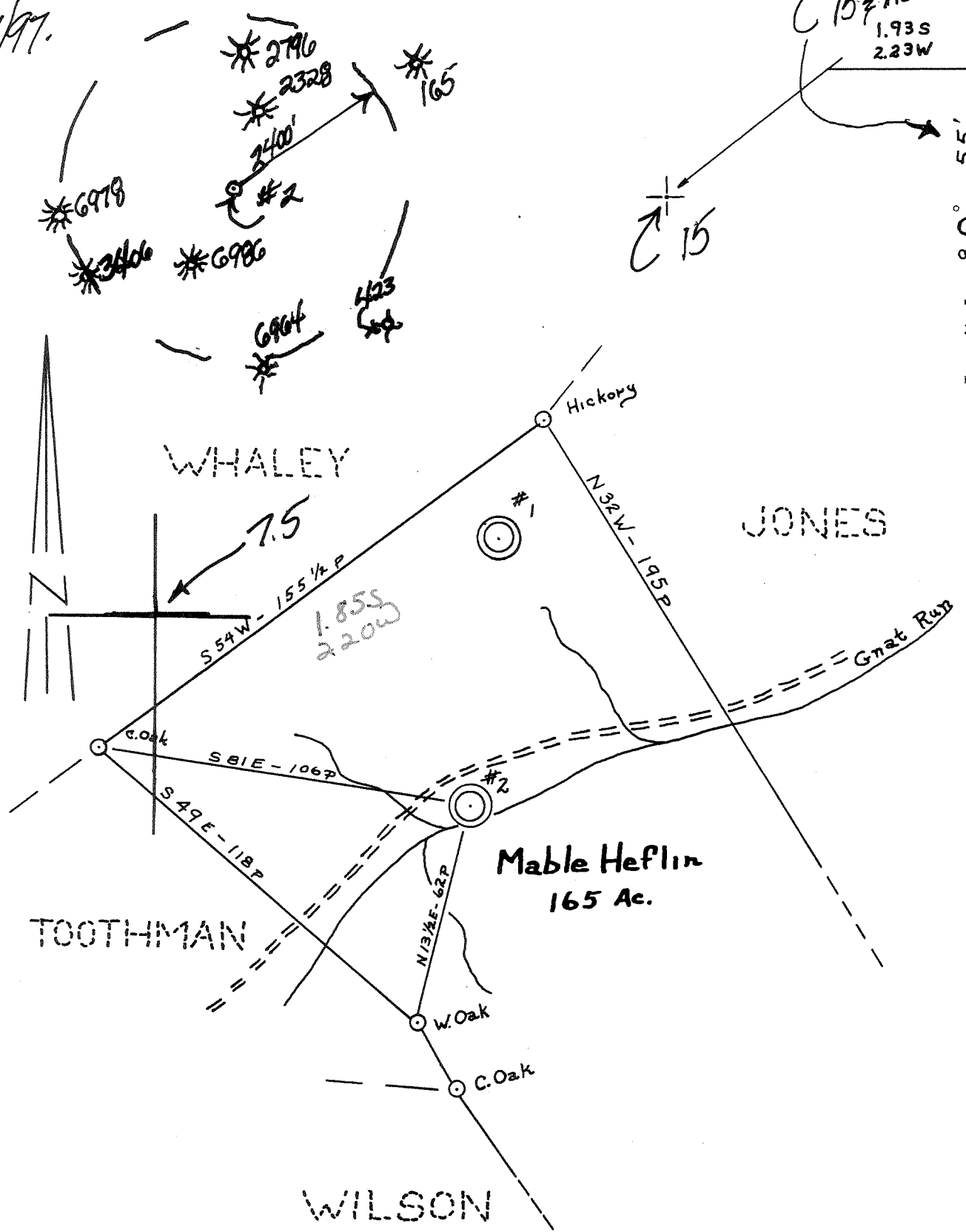


11,600'

Latitude 39° 20'

Longitude 80° 55'

Janie
4/21/97



- New Location
- Drill Deeper
- Redrill
- Abandonment

NOTE: Mable Heflin owns in fee
No Coal

Compa Johnson Enterprises
7260 Forestedge Court
Address New Port Richey, Florida 34655

Farm Mable Heflin

Tract _____ Acres 165 Lease No. _____

Well (Farm) No. Two Serial No. _____

Elevation (Spirit Level) 963'

Quadrangle West Union 15

County Ritchie District Clay

Engineer Chuk Waterman

Engineer's Registration No. 3788

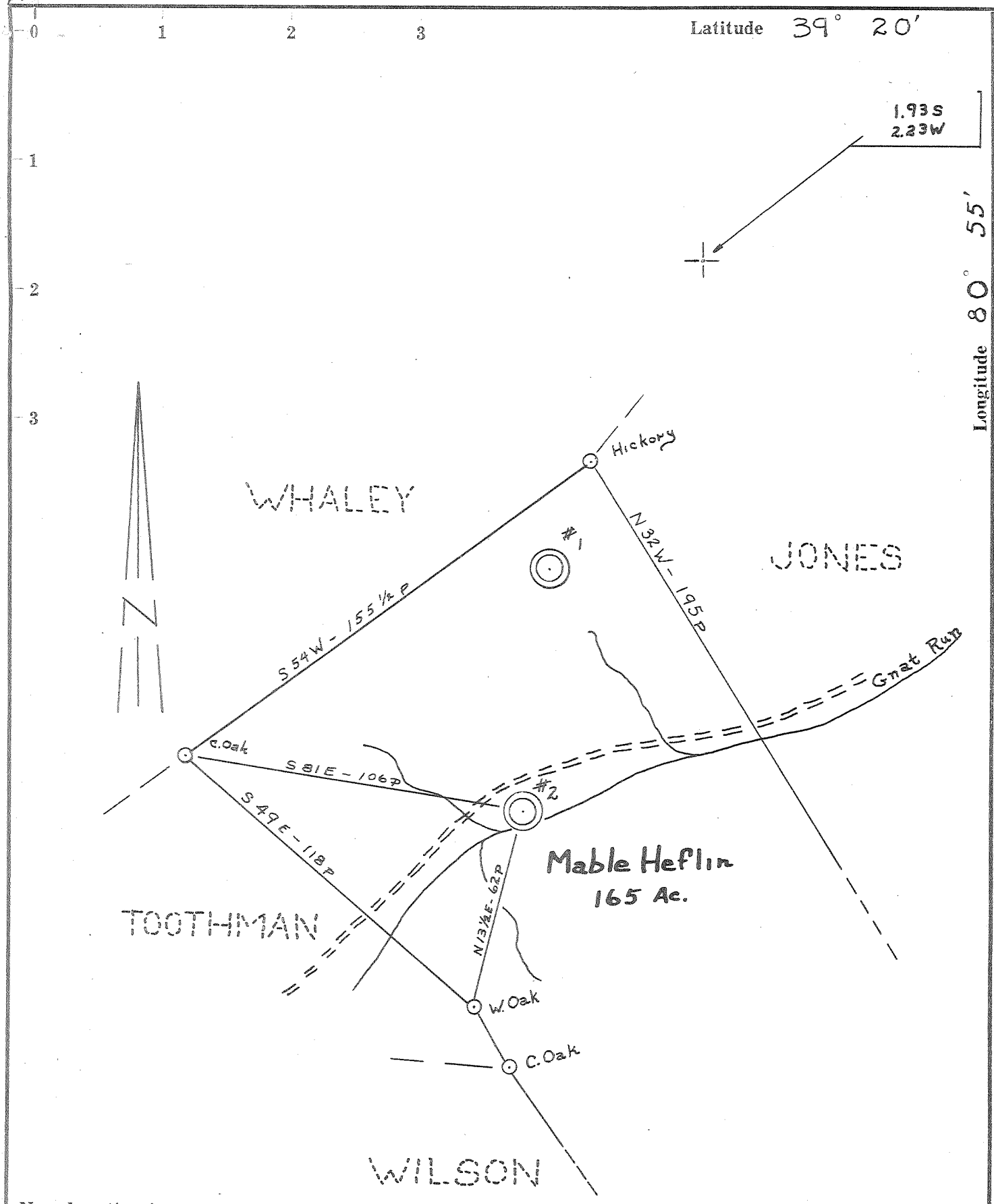
File No. _____ Drawing No. _____

Date 2/16/61 Scale 1" = 40'

DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL & GAS
#10 McJUNKIN ROAD
NITRO, WEST VIRGINIA 25143-2506

WELL LOCATION MAP

Handwritten notes:
G.P. Well # 47-095-02330-D.
7.5 Well drilled in 1961 by
Athens Oil & Gas Co. TD was
2034' production from Big Spring
Johnson Enterprises to drill
20 ft deeper produce. I.W.J.W.
MAY 2 1997



- New Location.
- Drill Deeper.
- Redrill
- Abandonment

NOTE: Mable Heflin owns in fee
No Coal

Company	<i>F.C. Stone</i>
Address	<i>205 E. State St. Athens, Ohio</i>
Farm	<i>Mable Heflin</i>
Tract	Acres <i>165</i> Lease No. _____
Well (Farm) No.	<i>Two</i> Serial No. _____
Elevation (Spirit Level)	<i>963'</i>
Quadrangle	<i>West Union - 5W</i>
County	<i>Ritchie</i> District <i>Clay</i>
Engineer	<i>Chas Waterman</i>
Engineer's Registration No.	<i>3788</i>
File No.	Drawing No. _____
Date	<i>2/6/61</i> Scale <i>1" = 40p</i>

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

WELL LOCATION MAP
FILE NO. *Rit-2330*

+ 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

Quadrangle West Union

Permit No. RIT-2330

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Atlantic Richfield
Address Atlantic Richfield
Farm Meikle Haffin Acres 16.5
Location (waters) Great Run
Well No. 2 Elev. 1054
District Clay County Ritchie
The surface of tract is owned in fee by Meikle Haffin
Address Parkersburg W. Va.
Mineral rights are owned by Meikle Haffin
Address Parkersburg W. Va.
Drilling commenced 8-7-61
Drilling completed 8-25-61
Date Shot ✓ From ✓ To ✓
With ✓
Open Flow ✓ /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume 200,000 Cu. Ft.
Rock Pressure 400 lbs. 3 hrs.
Oil none bbls., 1st 24 hrs.
WELL ACIDIZED ✓

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10			Size of
8 1/4			
6 1/2			Depth set
4 3/8	<u>none</u>	<u>2040</u>	
3			Perf. top <u>1955</u>
2			Perf. bottom <u>1997</u>
Liners Used	<u>none</u>		Perf. top _____
			Perf. bottom _____

CASING CEMENTED yes SIZE 4 1/2 No. Ft. 8/24/61 Date
48 Sacks Cement
Lawson Cementing Co. Inc.
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES
_____ FEET _____ INCHES

WELL FRACTURED with water, was drilled with baby, no showing before treatment
RESULT AFTER TREATMENT 300,000 Cu. ft. gas
ROCK PRESSURE AFTER TREATMENT 400
Fresh Water None logged Feet ✓ Salt Water None Feet ✓

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Sand-shale	BROWN	SOFT	0	15	—		
ROCK	GRAY	HARD		300	—		
Shale Sand	"	SOFT		1005	—		
Lime shale	"	MED		1050	—		
SAND-SHALE	Red	"		1285	—		
SALT SAND	GRAY	HARD		1702	—		
MIXTURE SAND	"	MED		1705	—		
SAND-SHALE	Red	MED		1754	—		
LITTLE LIME	GRAY	HARD		1761	—		
PENCIL CONE	—	SOFT		1766	—		
Lime shale	"	MED		1792	—		
Blue lime	"	HARD		1909	—		
Blue Italian	BROWN	MED		2034	—		Gas show in top

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

- 1) Well Operator: Johnson Enterprises 5869 24878 (1)
- 2) Operator's Well Number: 2 3) Elevation: 963'
- Well type: (a) Oil ___ / or Gas X / *Issued 04/28/97*
 (b) If Gas: Production ___ / Underground Storage ___ / *Expired 04/28/99*
 Deep ___ / Shallow XX /
- Proposed Target Formation(s): Big Injun 571
- Proposed Total Depth: 2054' feet
- Approximate fresh water strata depths: No
- 8) Approximate salt water depths: No
- 9) Approximate coal seam depths: None
- 10) Does land contain coal seams tributary to active mine? Yes ___ / No XX /
- 11) Proposed Well Work: Deepen well 20'
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT	
	Size	Grade	Weight per ft.	For drilling		Left in well
Conductor						
Fresh Water	<i>From Well Records the only existing pipe is 2040' of 4 1/2" with forty eight sacks of cement.</i>					
Coal						
Intermediate						
Production						
Tubing						
Liners						

PACKERS : Kind _____
 Sizes _____
 Depths set _____

For Office of Oil and Gas Use Only

2145/6

Fee(s) paid: Well Work Permit Reclamation Fund WPCP

Plat WW-9 WW-2B Bond CD Agent (Type)

1) Date: March 19, 1997
2) Operator's well number _____
3) API Well No: 47 - 085 - 2330-DD
State County Permit

STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Owner(s) to be served: 5) (a) Coal Operator:
(a) Name Mable Heflin Name None
Address Rt. 1 Address _____
Pennsboro, WVa. 25145
(b) Name _____ (b) Coal Owner(s) with Declaration
Address _____ Name None
Address _____
(c) Name _____ Name None
Address _____ Address _____

6) Inspector Samuel Hersman (c) Coal Lessee with Declaration
Address Rt. 1, Box 243 Name _____
Harrisville, wva. 25362-024 Address _____
Telephone (304)- _____

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

_____ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas **OR**

_____ Included is the information required by Chapter 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22 of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through _____ on the above named parties, by:

- _____ Personal Service (Affidavit attached)
- _____ Certified Mail (Postmarked postal receipt attached)
- _____ Publication (Notice of Publication attached)

I have read and understand Chapter 22-6 and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator Johnson Enterprises
By: Charles Johnson
Its: Owner
Address 7260 Forest Edge Court
Newport Richey, Florida 34655
Telephone 813-376-1074

Subscribed and sworn before me this _____ day of _____, 19____

Notary Public

My commission expires _____