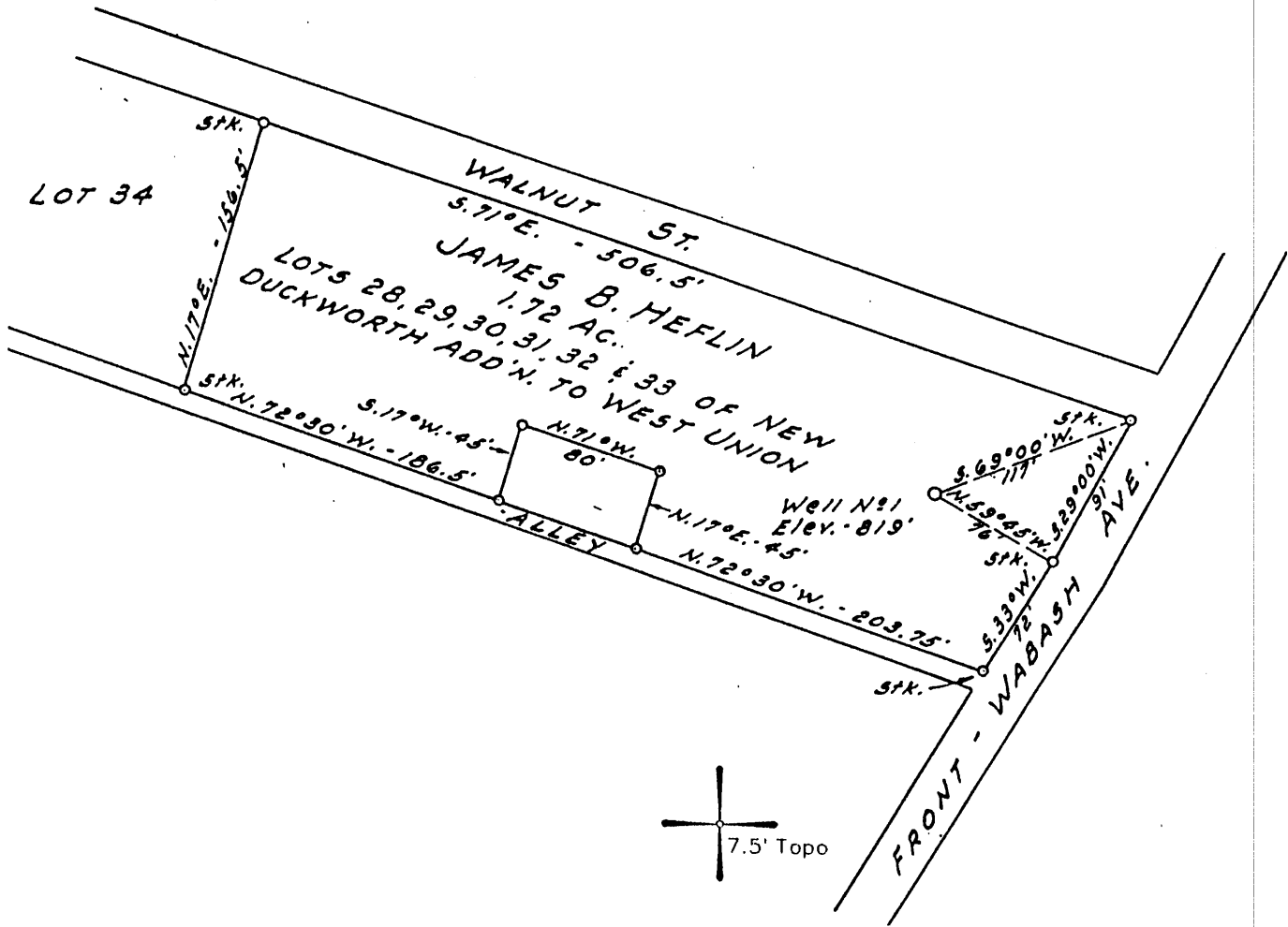


Longitude - 80° 46' 26.2"

6,775'

LATITUDE 39° 20' 00"

LONGITUDE 80° 45' 00"



NOTES

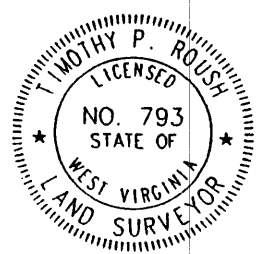
- 1 - The survey drawing shown hereon is from the original drilling permit plat dated 3/12/60 by John W. Hamilton. Plat was re-printed to show updated surface owner names and corrected Latitude and Longitude information.
- 2 - Well Latitude and Longitude established by DGPS survey 5/28/03 (Sub-Meter Mapping Grade).

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. 110-76
 DRAWING NO. _____
 SCALE 1" = 100'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION DGPS Survey

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) [Signature]
 TIMOTHY P. ROUSH PS 793



WEST VIRGINIA
 Division of Environmental Protection
 Office of Oil and Gas
 1356 Hansford St.
 Charleston, West Virginia 25301



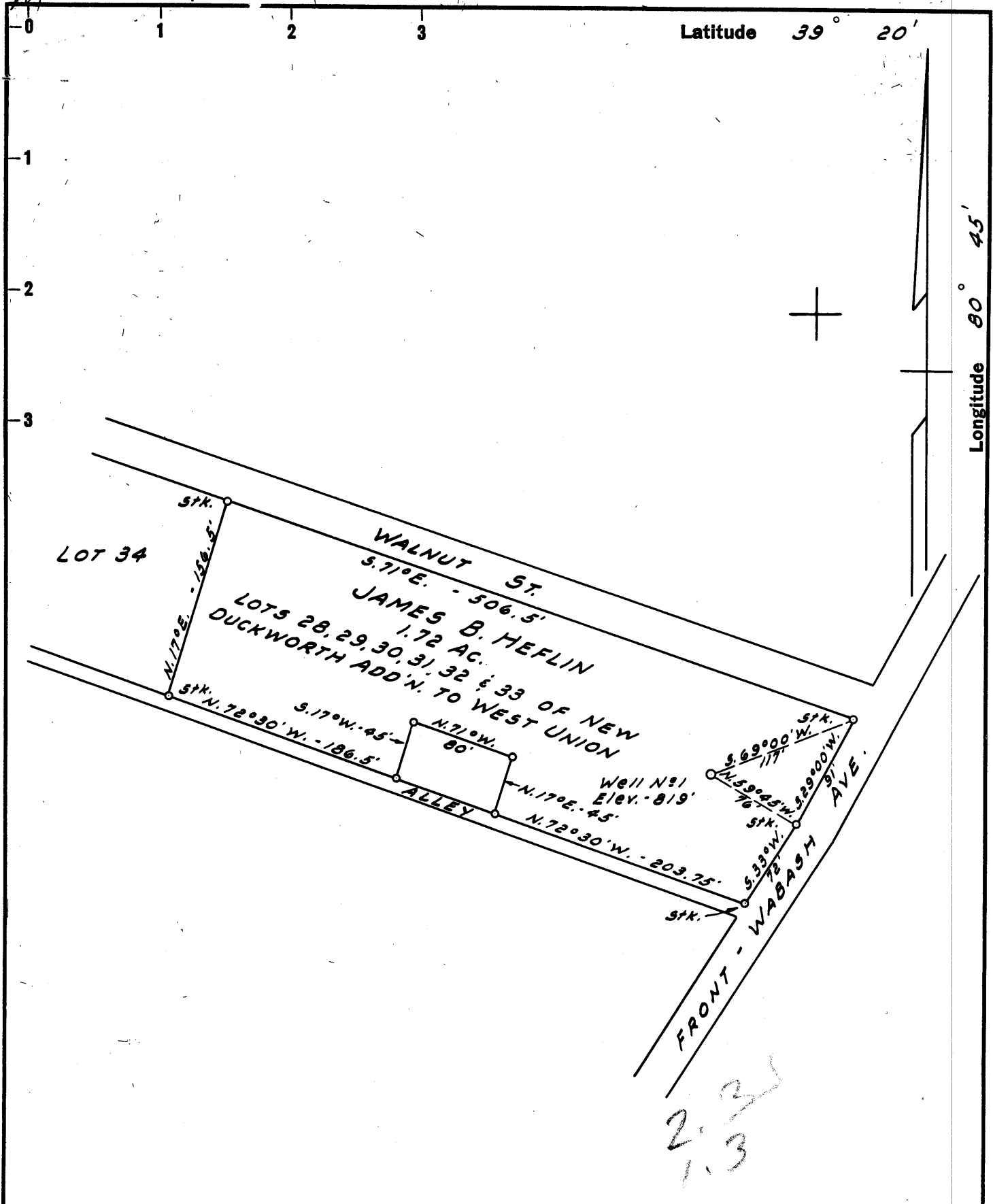
DATE May 31, 2003
 FARM James B. Heflin NO. 1
 API WELL NO. 47-017-0324-P

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 783' WATERSHED Middle Island Creek
 DISTRICT West Union Corp. COUNTY Doddridge
 QUADRANGLE West Union 7.5'
 SURFACE OWNER Larry E. Marrs ACREAGE Lot
 OIL & GAS ROYALTY OWNER N/F James B. Heflin LEASE ACREAGE 1.72 Ac.
 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 Injun ESTIMATED DEPTH 1,865'
 WELL OPERATOR Unknown DESIGNATED AGENT James Martin JUN 18 2003
 ADDRESS 1356 Hansford St. ADDRESS 1356 Hansford St.
Charleston, WV 25301 Charleston, WV 25301

FORM IV-6

Latitude - 39° 18' 01.4"

0000 0324 P



New Location
 Drill Deeper
 Abandonment

NOTE:
 James B. Hefflin owns in Fee.

Company	WEST UNION DRILLING CO. % CLARENCE POWELL	
Address	WEST UNION, W. VA.	
Farm	JAMES B. HEFLIN	
Tract	Acres 1.72	Lease No. _____
Well (Farm) No.	1	Serial No. _____
Elevation (Spirit Level)	819'	
Quadrangle	WEST UNION - SE	
County	DODDRIDGE	District WEST UNION
Engineer	JOHN W. HAMILTON	
Engineer's Registration No.	2274	
File No.	Drawing No. _____	
Date	MARCH 12, 1960 Scale 1" = 100'	

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

WELL LOCATION MAP
 FILE NO. DoD-324

+ 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.

too crowded to plot

6-3-69



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 6

Quadrangle West Union

Permit No. DOD 324

WELL RECORD

Oil and Gas
Oil or Gas Well (KIND)

Company West Union Drilling Company
Address West Union, W. Va.
Farm James B. Heflin Acres 1.72
Location (waters) _____
Well No. 1 Elev. 819'
District West Union County Doddridge
The surface of tract is owned in fee by _____
James B. Heflin Address West Union, WVa.
Mineral rights are owned by _____
James B. Heflin Address West Union, WVa.
Drilling commenced 3-28-60
Drilling completed 4-25-60
Date Shot _____ From _____ To _____
With _____
Open Flow 12/10ths Water in 1" Inch
_____/10ths Merc. in _____ Inch
Volume 39,000 Cu. Ft.
Rock Pressure 175# lbs. 24 hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	18'		Size of
8 1/4	400'		
6 3/4	1058'		Depth set
5 3/16	1702'9"	1702'9"	
3			Perf. top
2 Tubing	1865'6"	1865'6"	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 5-3/16 SIZE 500' No. Ft. 4/16/60 Date
15 sacks cement - 500# 5 7/8" 5/8"
NO
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES Garaton Service
_____ FEET _____ INCHES _____ FEET _____ INCHES

WELL FRACTURED Well was fractured with 400 BBLs of Water

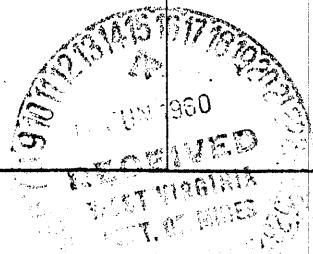
RESULT AFTER TREATMENT Gas-460,000 - Rock Pressure 600# --Oil- 2 Bailers per. hr.

ROCK PRESSURE AFTER TREATMENT 600# - 24 hours

Fresh Water _____ Feet _____ Salt Water _____ Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay			0	16			
Sand			16	30			
Red Rock	Red		30	75			
Sand			75	100			
Slate			100	197	Water	105'	Hole Full
Red Rock			197	252			
Slate			252	380			
Lime			380	395			
Slate&Shells			395	495			
Sand			495	520			
Slate			520	585			
Red Rock			585	600			
Slate & Shells			600	903			
Sandy lime			903	1050			
Sand			1050	1071			
Slate			1071	1077			
Sand			1077	1275			
Slate			1275	1310			
Sand			1310	1343			
Slate			1343	1375			
Sand			1375	1490			
Slate			1490	1558			
Sand			1558	1608	Show of Oil	1576'	
Slate			1608	1612			
Lime & Sand			1612	1638			
Slate			1638	1641			
Lime			1641	1665			
Sand			1665	1673			
Slate(Pencil)			1673	1678			

(over)



WR-38
DATE:

API # 47-017-00324-P

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Division, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm name: Doddridge # 324 Operator Well No.: 324

LOCATION: Elevation: 990 Quadrangle: West Union
District: West Union County: Doddridge
Latitude: Feet South of Deg. Min. Sec.
Longitude: Feet West of Deg. Min. Sec.

Well Type: OIL x GAS

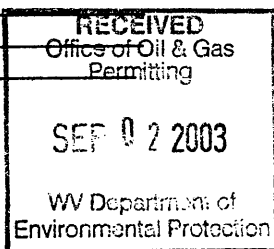
Company: WVDEP Plugging
1356 Hansford St.
Charleston, WV 25301

Coal Operator NA
or Owner NA

Coal Operator NA
or Owner NA

Agent: James Martin

Permit Issued Date: 7/14/03



AFFIDAVIT

STATE OF WEST VIRGINIA,
County of ss:

 and being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above named well operator, and participated in the work of plugging and filling the above well, and Rodney Dillon Oil and Gas Inspector representing the Director, say that said work was commenced on the 8th day of Aug, 2003, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Cement	1840	1160	1860' of 2 3/8" tubing	0
Gel	1160	1100	160' of 5" casing	1443' of 5" casing
Cement	1100	900	1848' of sucker rods	
Gel	900	525		
Cement	625	Surface		

Description of monument: 7" casing 15' long and that the work of plugging and filling said well was completed on the 20th day of Aug, 2003.

And further deponents saith not.

Sworn and subscribe before me this day of , 19
My commission expires:

Notary Public
Oil and Gas Inspector: Rodney Dillon RDD

SEP 14 2003

D000 0324-P