

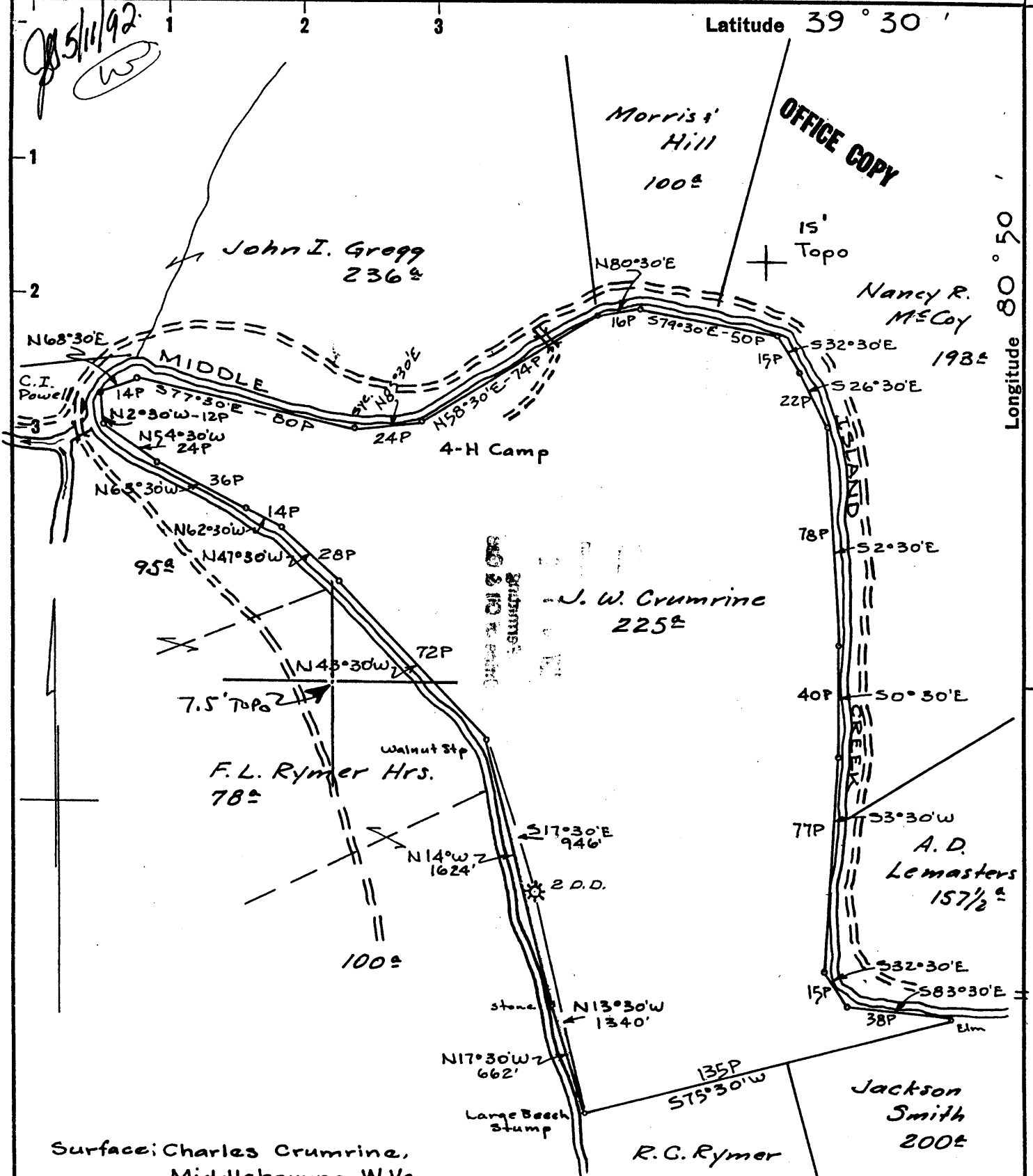
10,300'

Latitude 39° 30'

Longitude 80° 50'

10,100'

5/11/92
W



OFFICE COPY

Morris Hill
100±

John I. Gregg
236±

Nancy R. McCoy
198±

MIDDLE

4-H Camp

J.W. Crumrine
225±

F.L. Rymer Hrs.
78±

A.D. Lemasters
157 1/2±

Jackson Smith
200±

Surface: Charles Crumrine,
Middlebourne, W.Va.
Coal: No Commercial Coal

ENGINEERING DEPARTMENT
 REC'D. BY DEA PAT 1962
 CHECKED BY DAE DATE 7/1/62
 POSTED BY _____ DATE _____
 APPROVED BY WELL

New Location
 Drill Deeper
 Abandonment

MAP N46-N56 N213 W14

Company SOUTH PENN OIL CO.
 Address PARKERSBURG, W.Va.
 Farm J. W. CRUMRINE
 Tract _____ Acres 225± Lease No. 52976
 Well (Farm) No. 2 D.D. Serial No. _____
 Elevation (Spirit Level) 740.16' Cas hd.
 Quadrangle WEST UNION (SHIRLEY 7.5')
 County Tyler District Ellsworth
 Engineer A.C. Hillcutt
 Engineer's Registration No. 2534
 File No. 1361 Drawing No. _____
 Date Nov. 20, 1962 Scale 1" = 800'

RADIOACTIVITY 100

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

WELL LOCATION MAP

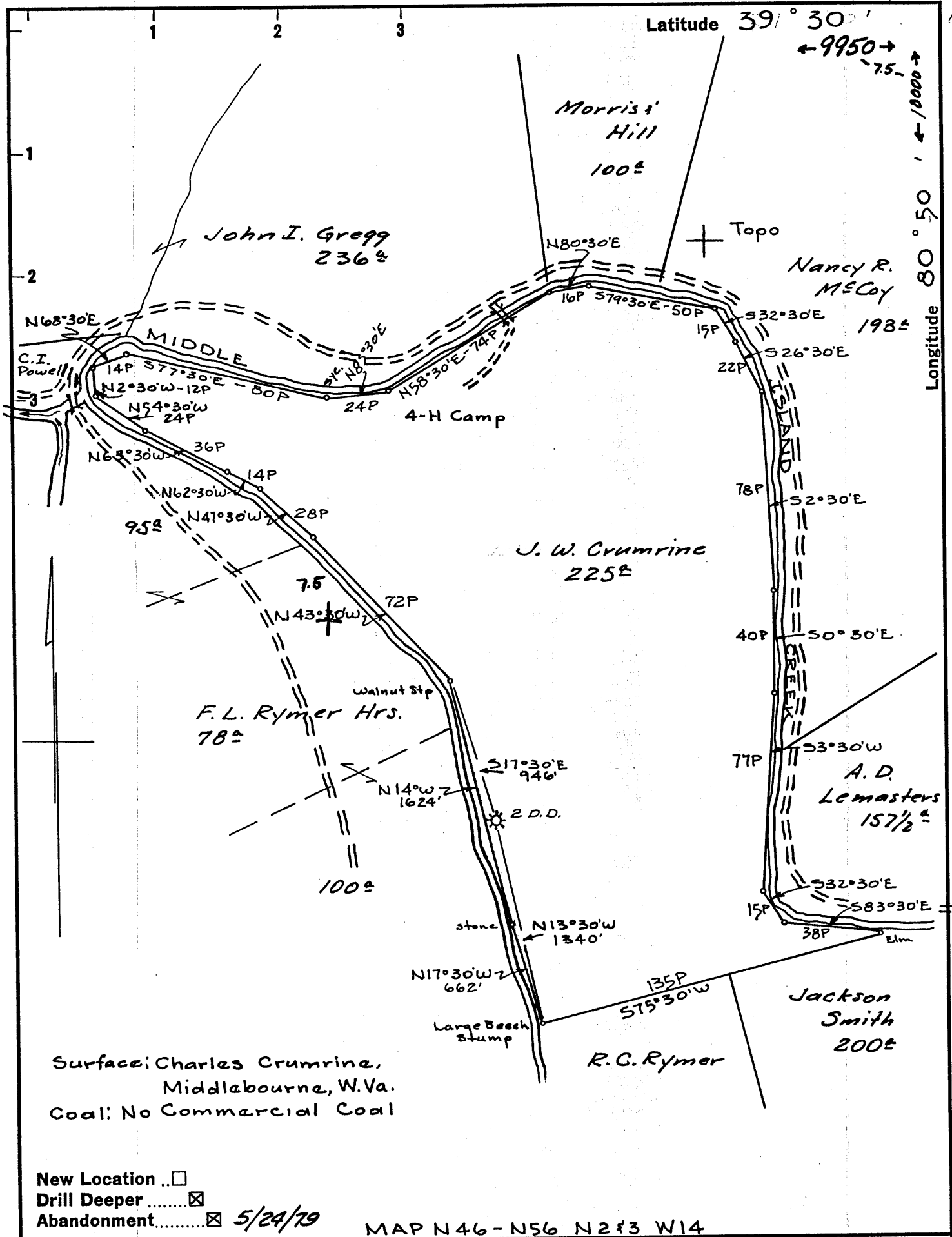
FILE NO. T4L-367-DRILL DEEPER-P

+ 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.

MAY 26 1992

5/24/79



Surface: Charles Crumrine,
Middlebourne, W. Va.
Coal: No Commercial Coal

New Location
 Drill Deeper
 Abandonment 5/24/79

MAP N46-N56 N2 1/3 W14

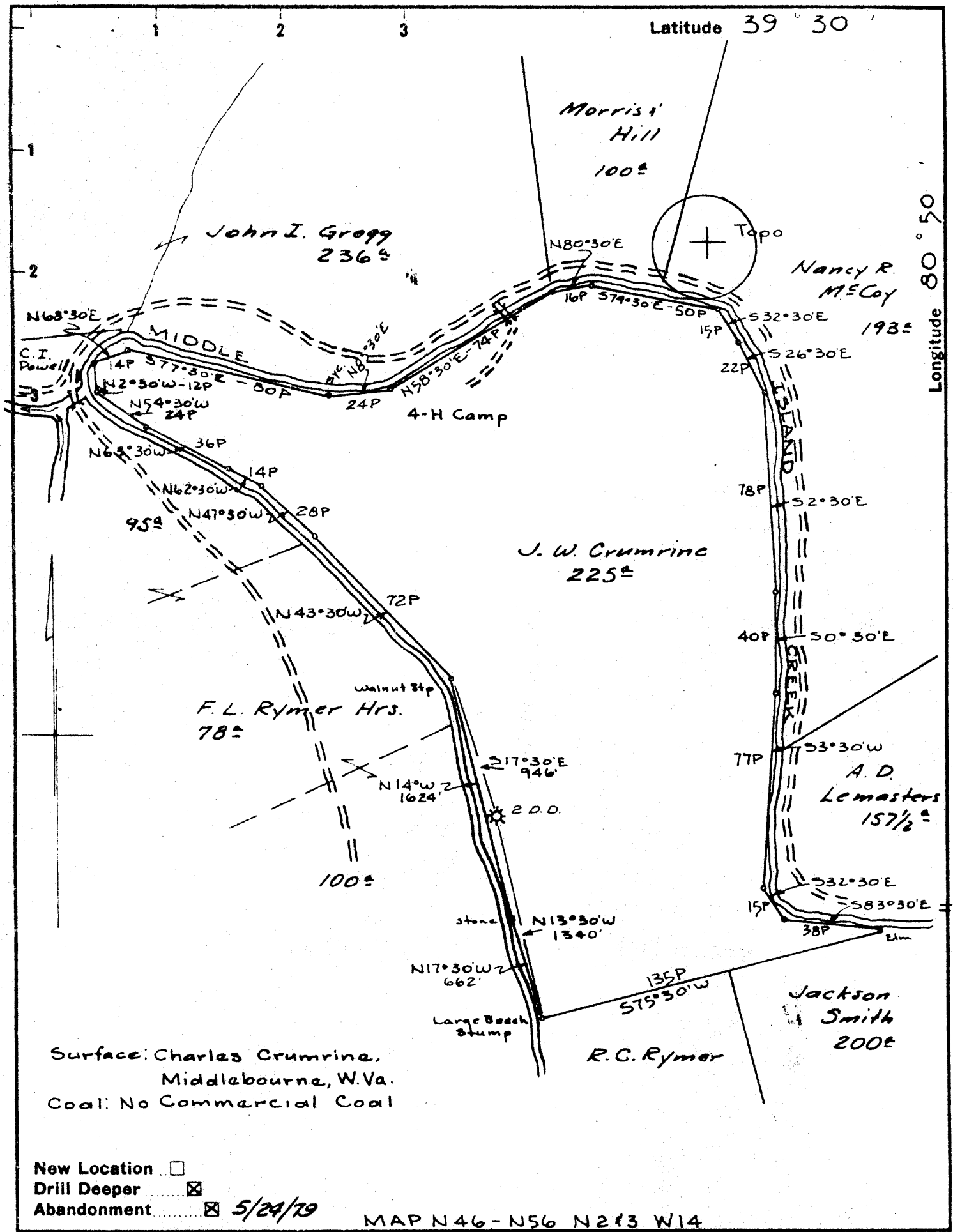
Company PENNZOIL COMPANY
 Address PARKERSBURG, W. Va.
 Farm J. W. CRUMRINE
 Tract Acres 225± Lease No. 52976
 Well (Farm) No. 2 D.D. Serial No.
 Elevation (Spirit Level) 740.16' Cas hd.
 Quadrangle WEST UNION / SHIRLEY 7.5
 County Tyler District Ellsworth
 Engineer A.C. Hilbert
 Engineer's Registration No. 2534
 File No. 1361 Drawing No.
 Date Nov. 20, 1962 Scale 1" = 800'

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

WELL LOCATION MAP
 FILE NO. TYL-367-DRILL DEEPER
47-095-0367-DD-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.
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FEB 9 1963
 Plugging Canc.



Surface: Charles Crumrine,
Middlebourne, W. Va.
Coal: No Commercial Coal

New Location
 Drill Deeper
 Abandonment 5/24/79

MAP N 46 - N 56 N 2 1/3 W 14

Company PENNZOIL COMPANY
 Address PARKERSBURG, W. Va.
 Farm J. W. CRUMRINE
 Tract Acres 225 $\frac{1}{2}$ Lease No. 52976
 Well (Farm) No. 2 D.D. Serial No.
 Elevation (Spirit Level) 740.16' Cas hd.
 Quadrangle WEST UNION NC
 County Tyler District Ellsworth
 Engineer A. C. Hillcutt
 Engineer's Registration No. 2534
 File No. 1361 Drawing No. _____
 Date Nov. 20, 1962 Scale 1" = 800'

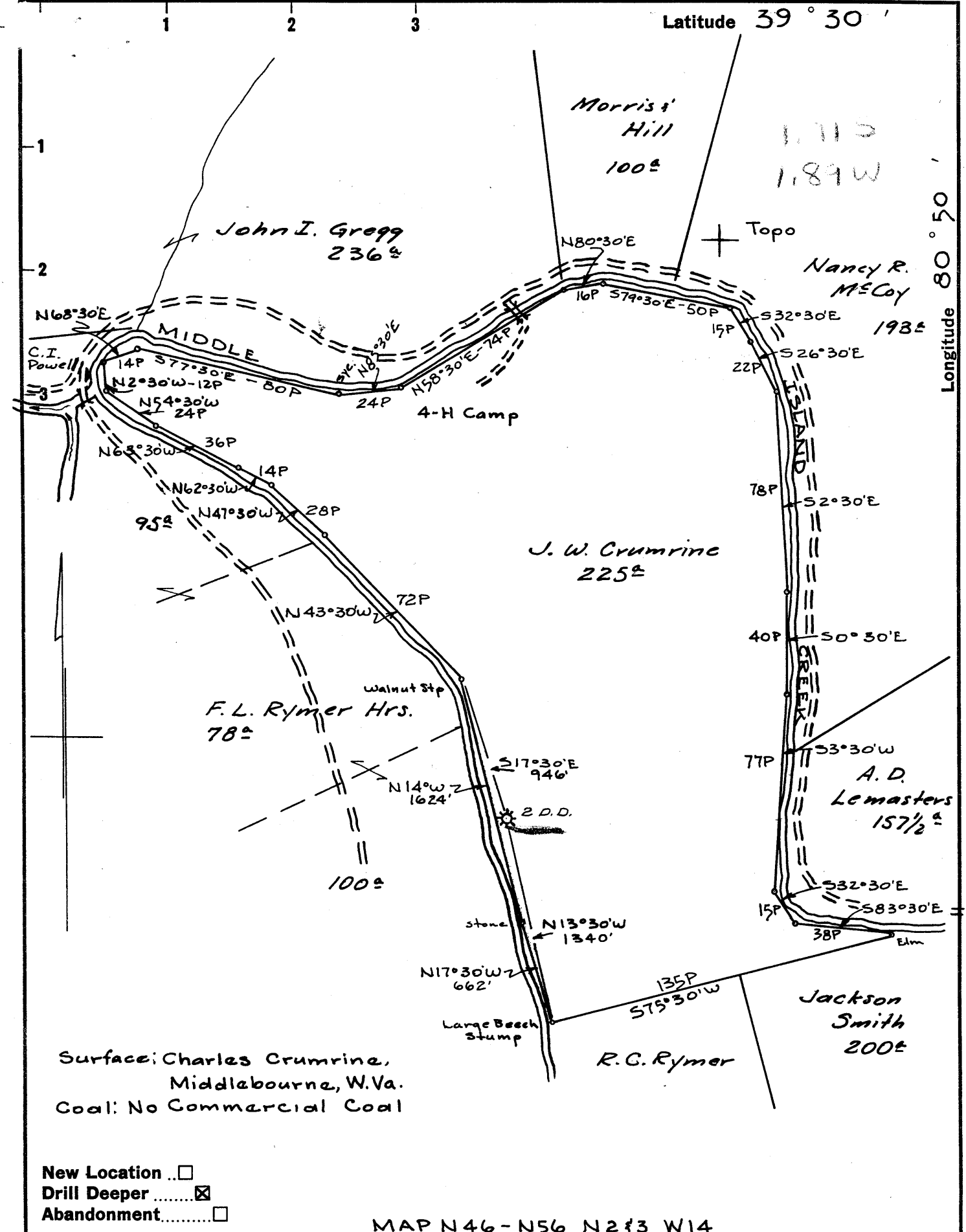
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. Tyl-367-Drill Deeper
47-095-0367-DD-P

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JUN 14 1979



Surface: Charles Crumrine,
Middlebourne, W. Va.
Coal: No Commercial Coal

New Location
 Drill Deeper
 Abandonment

MAP N46-N56 N213 W14

Company SOUTH PENN OIL CO.
 Address PARKERSBURG, W. Va.
 Farm J. W. CRUMRINE
 Tract _____ Acres 225± Lease No. 52976
 Well (Farm) No. 2 D.D. Serial No. _____
 Elevation (Spirit Level) 740.16' Cas hd.
 Quadrangle WEST UNION NC
 County Tyler District Ellsworth
 Engineer A.C. Hillbert
 Engineer's Registration No. 2534
 File No. 1361 Drawing No. _____
 Date Nov. 20, 1962 Scale 1" = 800'

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

WELL LOCATION MAP
 FILE NO. TYL-367-DRILL DEEPER

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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle WEST UNION

Permit No. TYL-367-D

WELL RECORD

Oil or Gas Well Oil & Gas Show
(KIND)

Company SOUTH PENN OIL COMPANY
Address P. O. Box 1588, Parkersburg, W. Va.
Farm J. W. Crumrine Acres 225
Location (waters) Middle Island Creek
Well No. 2 Drill Deeper Elev. 740.16
District Ellsworth County Tyler
The surface of tract is owned in fee by Charles Crumrine
Address Middlebourne, W. Va.

Mineral rights are owned by L. A. Crumrine
Address Middlebourne, W. Va.

~~Drilling~~ Drilling Deeper commenced November 25, 1962
~~Drilling~~ Drilling Deeper completed January 29, 1963

Date Shot - From - To -
With -

Open Flow /10ths Water in Light Show Inch
/10ths Merc. in - Inch

Volume - Cu. Ft.

Rock Pressure Not Taken lbs. hrs.

Oil Light Show bbls., 1st 24 hrs.

WELL ACIDIZED Not acidized

WELL FRACTURED Not fractured

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	NO CHANGE IN CASING RECORD		Size of
8 1/4			
6 5/8			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED - SIZE No. Ft. Date

COAL WAS ENCOUNTERED AT - FEET INCHES
FEET INCHES FEET INCHES
FEET INCHES FEET INCHES

RESULT AFTER TREATMENT

ROCK PRESSURE AFTER TREATMENT

Fresh Water Feet Salt Water Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
(Electric Well Log indicated Bottom of Keener Sand at 1649', and Top of Big Injun Sand at 1649')					1649 740 900		
Commenced Drilling Deeper in the Big Injun Sand at 1655'							
White Sand Hard			1655	1708			
					Oil & Gas	1662	Light Show
					Oil & Gas	1680	Light Show
					Oil & Gas	1687	Light Show
Not drilled through Big Injun Sand							
TOTAL				1708			



STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
SECTION 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: CRUMRINE, CHARLES & JOHN Operator Well No.: CRUMRINE #2

LOCATION: Elevation: 740.16 Quadrangle: SHIRLEY
District: ELLSWORTH County: TYLER
Latitude: 10100 Feet South of 39 Deg. 30 Min. 0 Sec.
Longitude 10300 Feet West of 80 Deg. 50 Min. 0 Sec.

Well Type: OIL X GAS

Company: Pennzoil Products Company Coal Operator N/A
 P.O. Box 5519 or Owner
 Vienna, WV 26105

Agent: J.A. Crews Coal Operator
or Owner

Permit Issued: 05/19/92

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Wood ss:

Jack Sutherland and Richard Morgan 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 Mike Underwood Oil and Gas Inspector representing the Director, say that said work was commenced on the 15th day of June , 19 92 , and that the well was plugged and filled in the following manner:

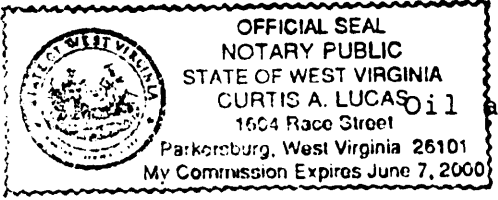
TYPE	FROM	TO	PIPE REMOVED	LEFT
Gel	1708	1600	5 3/16 1563	4' (Packer)
Cement	1600	1498	6 5/8 450	
Gel	1498	450		1095
Cement	450	250		
Gel	250	50		
Cement	50	Surface		

Description of monument: 1 Joint 6 5/8" Csg. Extending 30" Above Surface
and that the work of plugging and filling said well was completed on the 16th day of June , 19 92 .

And further deponents saith not.

Sworn and subscribe before me this 2nd day of July , 19 92
My commission expires: June 7, 2000

Richard E. Morgan
 Curtis A. Lucas
Notary Public



Oil and Gas Inspector: JUNE 21 1992