

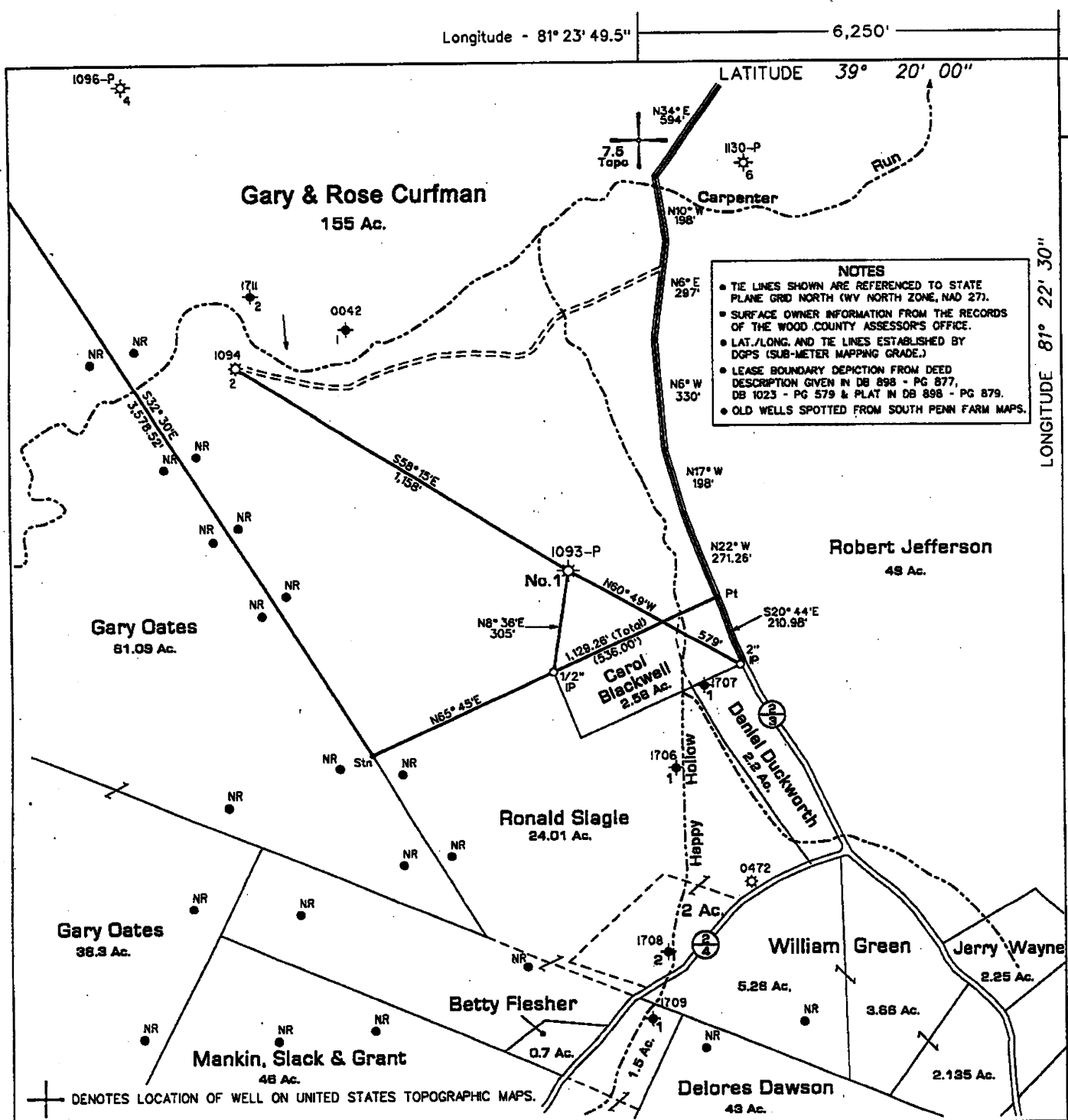
Longitude - 81° 23' 49.5"

6,250'

LATITUDE 39° 20' 00"

Latitude - 39° 19' 48.5"

LONGITUDE 81° 22' 30"



**NOTES**

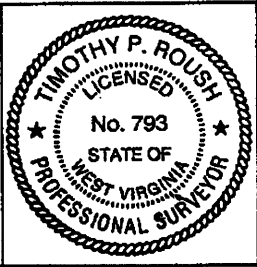
- TIE LINES SHOWN ARE REFERENCED TO STATE PLANE GRID NORTH (WY NORTH ZONE, NAD 27).
- SURFACE OWNER INFORMATION FROM THE RECORDS OF THE WOOD COUNTY ASSESSOR'S OFFICE.
- LAT./LONG. AND TIE LINES ESTABLISHED BY DGPS (SUB-METER MAPPING GRADE.)
- LEASE BOUNDARY DEPICTION FROM DEED DESCRIPTION GIVEN IN DB 898 - PG 877, DB 1023 - PG 579 & PLAT IN DB 898 - PG 879.
- OLD WELLS SPOTTED FROM SOUTH PENN FARM MAPS.

⊕ DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

FILE NO. 115-16  
 DRAWING NO. 4  
 SCALE 1" = 400'  
 MINIMUM DEGREE OF ACCURACY Sub-Meter  
 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) *Timothy P. Roush*  
 TIMOTHY P. ROUSH PS 793



**WEST VIRGINIA**  
 Division of Environmental Protection  
 Office of Oil and Gas  
 601 57th Street  
 Charleston, West Virginia 25304

DATE April 7, 2010  
 FARM Creola Davis No.1  
 API WELL NO. 47-107-01093-P

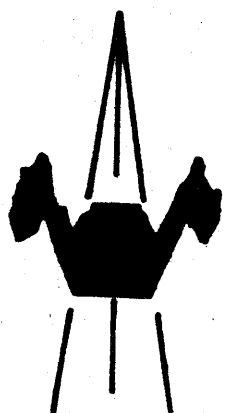
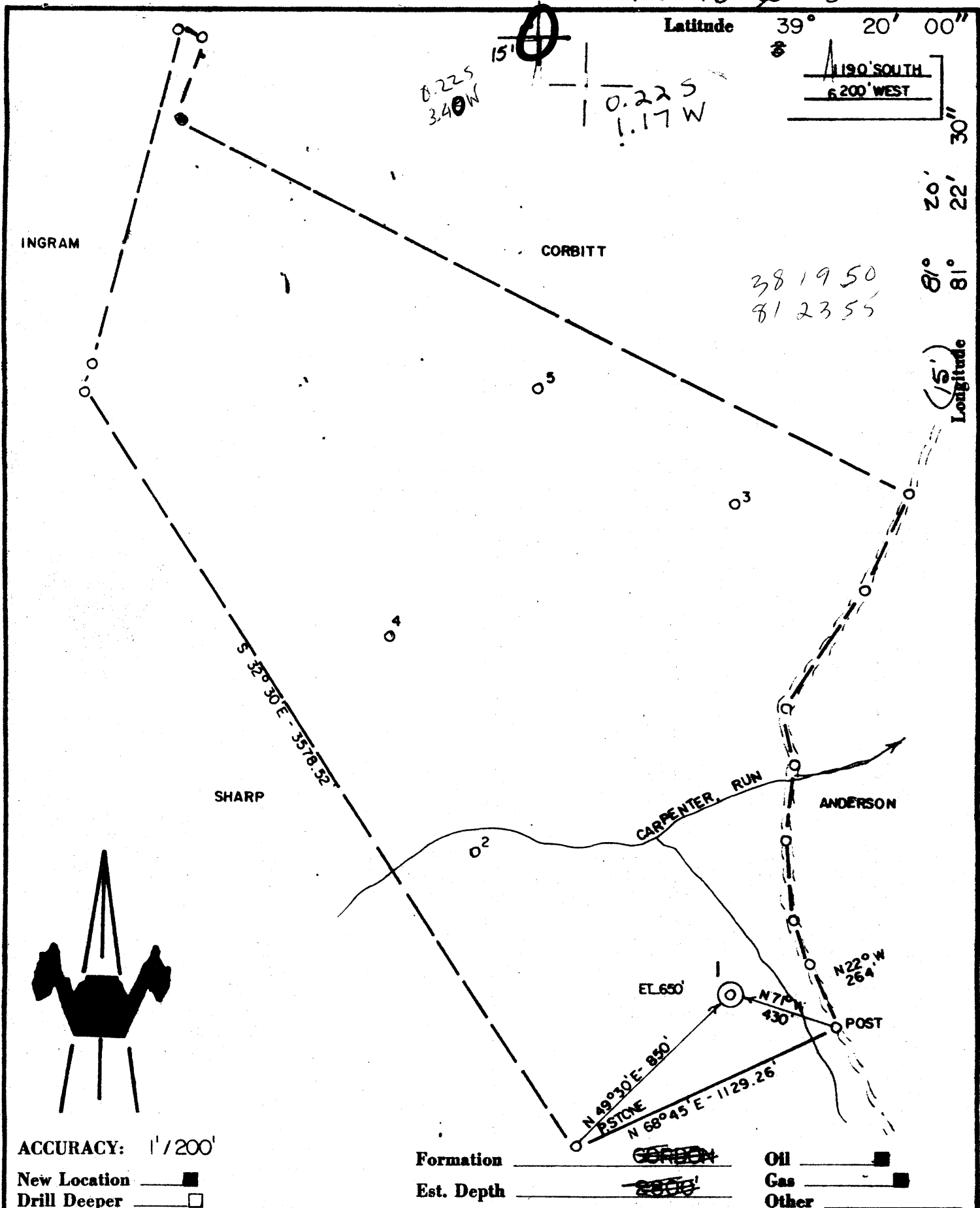
WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW  HORIZONTAL   
 LOCATION: ELEVATION 651' WATERSHED Carpenter Run  
 DISTRICT Union COUNTY Wood  
 QUADRANGLE Valley Mills 7.5'

SURFACE OWNER Gary & Rose Curfman ACREAGE 155 Ac.  
 OIL & GAS ROYALTY OWNER Gary & Rose Curfman LEASE ACREAGE 155 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 Gordon ESTIMATED DEPTH 4,000'  
 WELL OPERATOR Unknown DESIGNATED AGENT James Martin  
 ADDRESS 601 57th Street ADDRESS 601 57th Street  
Charleston, WV 25301 Charleston, WV 25301

FORM IV-6



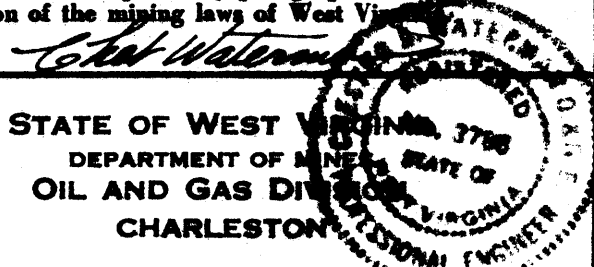
ACCURACY: 1" / 200'

- New Location
- Drill Deeper
- Abandonment
- Fracture
- Redrill
- Other

Formation	<u>GREEN</u>	Oil	<input checked="" type="checkbox"/>
Est. Depth	<u>850'</u>	Gas	<input checked="" type="checkbox"/>
		Other	<input type="checkbox"/>

Source of Elevation ROUTE 2 (620')

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.

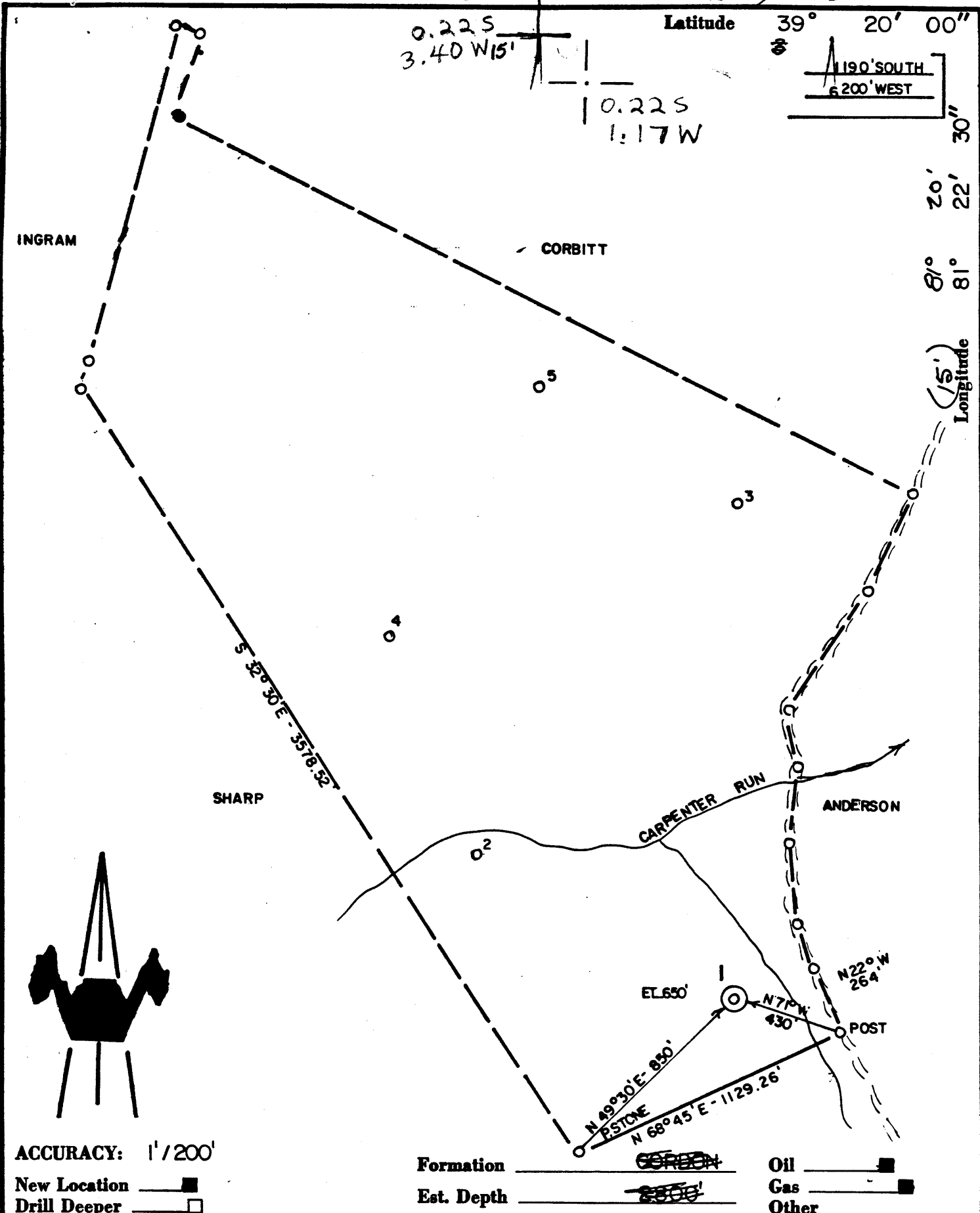


Company	BEREA OIL & GAS CO.
Address	CLARKSBURG, WV
Surface Owner	CREOLA DAVIS
Mineral Owner	" "
Well No.	1
Acres	155.93
Elevation	650' <u>MARIETTA 15' SC</u>
Quadrangle	VALLEY MILLS Series 7.5'
County	WOOD District UNION
Date	10/10/80 Scale 1" = 500'

**WELL LOCATION MAP**  
 47 - 107 - 1093  
 STATE COUNTY PERMIT

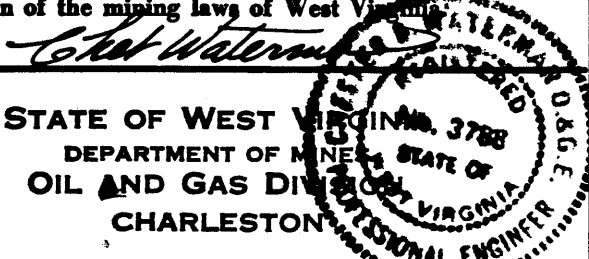
+ Denotes location of well on United States Topographic Maps.  
 Engineer **CHET WATERMAN**  
 Engineer's Registration No. 3798 80-608

6-0 Hendershot-Ogden (72) 4000 OHIO SHALE



Source of Elevation ROUTE 2 (620')

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.



Company NRM. Petroleum Corporation

Address P.O. Box 816, Buckhannon W.Va. 26201

Surface Owner CREOLA DAVIS

Mineral Owner " "

Well No. 1 Acres 155.93

Elevation 650' MARIETTA 15'

Quadrangle VALLEY MILLS Series 7.5'

County WOOD District UNION

Date 10/10/80 Scale 1" = 500'

STATE OF WEST VIRGINIA No. 3788  
DEPARTMENT OF MINES STATE OF  
OIL AND GAS DIVISION  
CHARLESTON

**WELL LOCATION MAP**

47 - 107 - 1093 - P

STATE COUNTY PERMIT

+ Denotes location of well on United States Topographic Maps.

Engineer **CHET WATERMAN**

Engineer's Registration No. 3788 File No. 80-608

MAR 14 1983

4000 OHIO SHALE



**RECEIVED**

JAN 26 1981

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

OIL & GAS DIVISION  
DEPT. OF MINES

**Oil and Gas Division**

**WELL RECORD**

Rotary xxx Oil \_\_\_\_\_  
Cable \_\_\_\_\_ Gas \_\_\_\_\_  
Recycling \_\_\_\_\_ Comb. xxx  
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
Disposal \_\_\_\_\_ (Kind) \_\_\_\_\_

Quadrangle Valley Mills 7.5

47 107 1093 ~

Permit No. \_\_\_\_\_

Company Berea Oil and Gas Corp.  
Address 652 Empire Bank, Clarksburg, W. Va.  
Creola Davis  
Farm \_\_\_\_\_ Acres 155.93  
Location (waters) Carpenter Run  
Well No. 1 Elev 650  
District Union County Wood

The surface of tract is owned in fee by Creola B Davis  
15 Kmalli Ct., Newport Beach, Calif.  
Address \_\_\_\_\_

Mineral rights are owned by Same  
Address \_\_\_\_\_

Drilling Commenced 11/10/80

Drilling Completed 11/17/80

Initial open flow 50 cu. ft. 0 bbls.

Final production 12 cu. ft. per day 0 bbls.

Well open 4 hrs. before test 340 RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10"			
9 5/8			
8 5/8	274'	274'	90 sx.
7			
5 1/2			
4 1/2	3998	3998'	435 sx.
3			
<del>2</del> 1 1/2"		3928	
Liners Used			

Well treatment details:

12/ 5/80 Gordon 3958' 3981' Perfs. 14 shots

Attach copy of cementing record.

492 SCF Nitrogen 650 sx. 20/40 sand 345 bbls. water

Coal was encountered at \_\_\_\_\_ Feet \_\_\_\_\_ Inches  
Fresh water 40' Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Gordon Gordon Depth 3981'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand & Shale			Surface	1508'		
Injun			1508'	1619'		
Shale			1619'	1998'		
Berea			1998'	2009'		
Shale			2009'	3808'		
Gordon ✓			3808'	3840'		
Shale			3840'	4000'	T.D.	

MAR 9 1981

(over)

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

Date 1/20/81 1981

APPROVED Berea Oil and Gas Corp. Owner

By *[Signature]* Vice Pres.

(T110)

WR-38  
DATE:

API # 47-107-1093-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: Gary Curfman Operator Well No.: Davis # 1

LOCATION: Elevation: 650 Quadrangle: Valley Mills  
District: Union County: Wood  
Latitude: \_\_\_\_\_ Feet South of \_\_\_\_\_ Deg. \_\_\_\_\_ Min. \_\_\_\_\_ Sec.  
Longitude: \_\_\_\_\_ Feet West of \_\_\_\_\_ Deg. \_\_\_\_\_ Min. \_\_\_\_\_ Sec.

Well Type: OIL  GAS  Water Well \_\_\_\_\_

Company: WVDEP Plugging  
601 57<sup>th</sup> Street  
Charleston, WV 25301

Coal Operator NA  
or Owner NA

Agent: James Martin

Coal Operator NA  
or Owner \_\_\_\_\_

**RECEIVED**

**Office of Oil & Gas**

Permit Issued Date: 3/31/2010

JUN 01 2010

STATE OF WEST VIRGINIA,  
County of \_\_\_\_\_ ss:

AFFIDAVIT

WV Department of  
Environmental Protection

Randy Dustin and Bill Landis 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 Rod Dillon Oil and Gas Inspector representing the Director, say that said work was commenced on the 5<sup>th</sup> day of April, 2010, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Cement	1,712'	1,390'		
Cement	918'	818'		
Cement	510'	250	Perforate 4 1/2" casing at 1,712', 911, & 509'	3,800' of 4 1/2" casing
Clay	200'	190'	Squeeze cement at cuts	274' of 8 5/8" casing CTS
Cement	190'	Surface		
Well plugged	In 1983	Leaked	Reopen the well to re plug	from surface to 2,400'
Solid Bridge	Plug at 2,400'		4 1/2" was cemented from	194' to ? in 1 <sup>st</sup> plugging
Gel Between	Cement plugs		Well T.D. 3,990'	

Description of monument: 8 5/8" casing cemented to the surface extended 30" above ground w/the API number attached and that the work of plugging and filling said well was completed on the 26<sup>th</sup> day of May, 2010.

And further deponents saith not. \_\_\_\_\_

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

Notary Public  
Oil and Gas Inspector: Rod Dillon



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

RECEIVED

OCT 28 1980

OIL AND GAS WELL PERMIT APPLICATION OIL & GAS DIVISION  
DEPT. OF MINES

TO THE DEPARTMENT OF MINES,

Charleston, W. Va.

DATE Oct. 20, 1980

Surface Owner Creela B. Davis  
Address 15 Kmalli Ct., Newport Beach, Calif.

Company Berea Oil and Gas Corp.  
Address 652 Empire Bank Bldg., Clarksburg, W.Va.

Area of Interest Same

Farm Davis Acres 155.93

Coal Owner None

Location (waters) Carpenter Run  
Well No. 1 Elevation 650

Coal Operator None

District Union County Wood

Quadrangle Valley Mills

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22,  
of the W. Va. Code, the location is hereby approved

for drilling. This permit shall expire if  
operations have not commenced by 7-3-81.

INSPECTOR K. Paul Goodnight  
TO BE NOTIFIED

ADDRESS Smithville, W. Va.

PHONE 477-3660

John R. Smith  
Deputy Director - Oil & Gas Division

WARRANTY

The undersigned operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee  
title here (lease may be) under grant or lease dated Oct. 5 1980 by Creela  
B. Davis made to Berea Oil & Gas Corp. and recorded on the \_\_\_\_\_ day of \_\_\_\_\_  
19\_\_\_\_ Wood County, Book 745 Page 33

DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE

THIS IS AN OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The proposed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators  
have been notified of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required  
to make by the Department of Mines, must be received by, or filed with the Department of Mines within ten (10) days.

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators  
or coal owners at the above shown respective address \_\_\_\_\_ day \_\_\_\_\_ before, or on the  
same day as the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

PLEASE SEND COPIES OF ALL  
OBJECTIONS DIRECTLY TO:

WEST VIRGINIA GEOLOGICAL AND  
ECONOMIC SURVEY  
P. O. BOX 100  
MORGANTOWN, WEST VIRGINIA 26505  
AC-30

Very truly yours,

(Sign Name) [Signature]  
BEREA OIL AND GAS CORPORATION

Address  
of  
Well Operator

652 Empire Bank Bldg.  
Street  
Clarksburg,  
West Virginia  
City or Town

State

If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of  
this notice by the Department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting  
the terms and conditions. If no objections have been made by the coal operators or found thereto by the department and that the same is approved  
and the permit is issued, the operator is authorized to proceed.

47-107-1093

PERMIT NUMBER

To have each permit understand the regulations requirements as set forth in  
Chapter 22 of the Code, the operator shall carry out the specified requirements.

Signed by \_\_\_\_\_

BLANKET BOND

THIS IS AN ESTIMATE ONLY

ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

TYPE OF WELL:  DRILL  DEEPEN  FRACTURE STIMULATE  
 (If Known) RESPONSIBLE AGENT:  
 NAME: **Shawnee Drilling Co.** NAME: **M. V. Schumacher**  
 ADDRESS: **Marietta, Ohio** ADDRESS: **652 Empire Bank Bldg. Clarksburg, W. Va.**  
 TELEPHONE: **614-373-6384** TELEPHONE: **624-6420**  
 DEPTH OF COMPLETED WELL: \_\_\_\_\_ ROTARY  CABLE TOOL \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: **Ohio Shale**  
 WELL TYPE: OIL \_\_\_\_\_ GAS \_\_\_\_\_ COMB.  STORAGE \_\_\_\_\_ DISPOSAL \_\_\_\_\_  
 RECYCLING \_\_\_\_\_ WATER FLOOD \_\_\_\_\_ OTHER \_\_\_\_\_

TENTATIVE CASING PROGRAM:

IN. AND TUBING SIZE	USED FOR DRILLING	DEPTH IN WELL	CEMENT SETTING OR SACK CURB FT.
	250'	250'	To surface
	3980'	3980'	1500' Fillup Part Top Part Bottom Part Top Part Bottom

APPROXIMATE FRESH WATER DEPTHS: **25** FEET SALT WATER \_\_\_\_\_ FEET  
 APPROXIMATE COAL DEPTHS: **None**  
 IS COAL BEING MINED IN THE AREA? **No** BY WHOM? **N/A**

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1 SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

We the undersigned, Agent for \_\_\_\_\_ Coal Company, Owner or Operator of the coal under the lease have examined and place on our mine maps this proposed well location.

We the \_\_\_\_\_ Coal Company have no objections to said well being drilled at this location, providing operations comply with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

For Coal Company

Official Title



RECEIVED

APR 14 1983

FORM OG-8

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

OIL & GAS DIVISION  
DEPT. OF MINES

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPPLICATE, ONE COPY MAILED TO THE DEPARTMENT, 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.

COAL OPERATOR OR OWNER

NRM Petroleum Corporation

NAME OF WELL OPERATOR

PO Box 816, Buckhannon, WV 26201

COMPLETE ADDRESS

ADDRESS

COAL OPERATOR OR OWNER

April 12 1983  
WELL AND LOCATION

Union District

ADDRESS

Wood County

Creela B. Davis

LEASE OR PROPERTY OWNER

15 Kamalii Court  
Newport Beach, CA 92660

ADDRESS

Well No. 1

Creela B. Davis

Farm

STATE INSPECTOR SUPERVISING PLUGGING.....Homer H. Dougherty

AFFIDAVIT

STATE OF WEST VIRGINIA,

County of Upshur

SS:

Harlen Huffman and Frank Cool

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 NRM Petroleum Corporation, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 21 day of March, 1983, and that the well was plugged and filled in the following manner:

SAND OR ZONE RECORD FORMATION	FILLING MATERIAL	PLUGS USED SIZE & KIND	CASING	
			CSG PULLED	CSG LEFT IN
T.D. 2500'	Was not able to pump bottom hole plug to 2500'. Cement stopped at 550', at 3500' PSI pump pressure			274' - 8 5/8" 196' - 4 1/2"
550' - 250'	3.5 bbl. cement			
250' - 196'	6% gel			
196' - 100'	6 bbl. cement			
100' - 75'	6% gel			
75' - 0	5 bbl. cement			
COAL SEAMS		DESCRIPTION OF MONUMENT		
(NAME)		10' casing cement filled. Permit		
(NAME)		number welded on monument.		
(NAME)				
(NAME)				

and that the work of plugging and filling said well was completed on the 23 day of March, 1983.

And further deponents saith not.

Sworn to and subscribed before me this 12 day of April, 1983.

My commission expires:

Jan 31, 1989

Harlen Huffman  
Frank Cool  
Notary Public.

Permit No. 107-1093-P

Wood 1093-P

WW-7  
8-30-06



West Virginia Department of Environmental Protection  
Office of Oil and Gas  
**WELL LOCATION FORM: GPS**

API: 47-107-01093 -P WELL NO.: Davis # 1

FARM NAME: Gary Curfman

RESPONSIBLE PARTY NAME: WVDEP

COUNTY: Wood DISTRICT: Union

QUADRANGLE: Valley Mills

SURFACE OWNER: Gary Curfman

ROYALTY OWNER: \_\_\_\_\_

UTM GPS NORTHING: 39 19 48.9

UTM GPS EASTING: 81 23 49.7 GPS ELEVATION: 650

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
2. Accuracy to Datum – 3.05 meters
3. Data Collection Method:  
Survey grade GPS \_\_\_\_\_: Post Processed Differential \_\_\_\_\_  
Real-Time Differential \_\_\_\_\_  
Mapping Grade GPS \_\_\_\_\_: Post Processed Differential \_\_\_\_\_  
Real-Time Differential \_\_\_\_\_
4. Letter size copy of the topography map showing the well location.

I the undersigned, hereby certify this data 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 Office of Oil and Gas.

Rod Dillon \_\_\_\_\_ Inspector \_\_\_\_\_  
Signature Title

Date 3/25/10