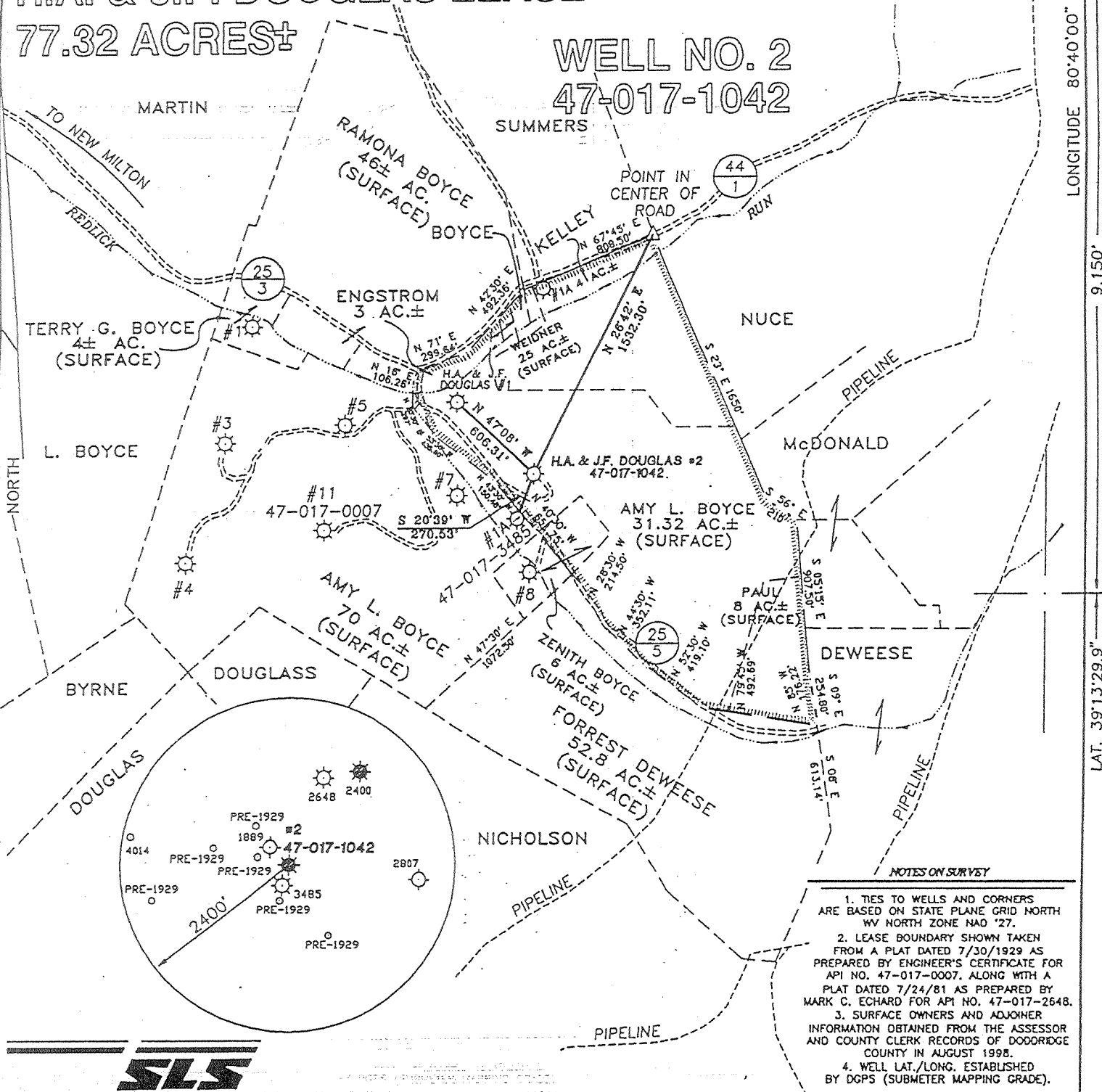


# H.A. & J.F. DOUGLAS LEASE

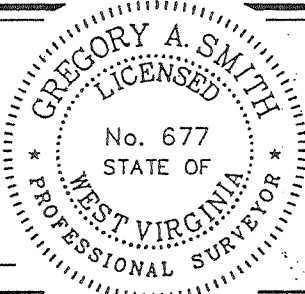
## 77.32 ACRES±

### WELL NO. 2 47-017-1042



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 ENERGY.


P.S. 677 Gregory A. Smith



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.  
DATE AUGUST 19 19 98  
OPERATORS WELL NO. H.A. & J.F. DOUGLAS #2  
API WELL NO. 47-017-1042-P  
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 4028PJD2 (68-53)  
PROVEN SOURCE OF ELEVATION BENCH MARK ELEVATION 830' SCALE 1" = 800'

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



WELL TYPE : OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  IF "GAS" PRODUCTION  STORAGE  DEEP  SHALLOW

LOCATION : ELEVATION 977' WATERSHED TRIBUTARY OF REDLICK RUN  
DISTRICT NEW MILTON COUNTY DODDRIDGE QUADRANGLE NEW MILTON 7.5'

SURFACE OWNER Ramona J. Boyce ACREAGE 31.32  
ROYALTY OWNER H.A. & J.F. DOUGLAS HEIRS AND ASSIGNS LEASE ACREAGE 77.32  
PROPOSED WORK : LEASE NO. \_\_\_\_\_

DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  PLUG AND ABANDON  CLEAN OUT AND REPLUG  OTHER

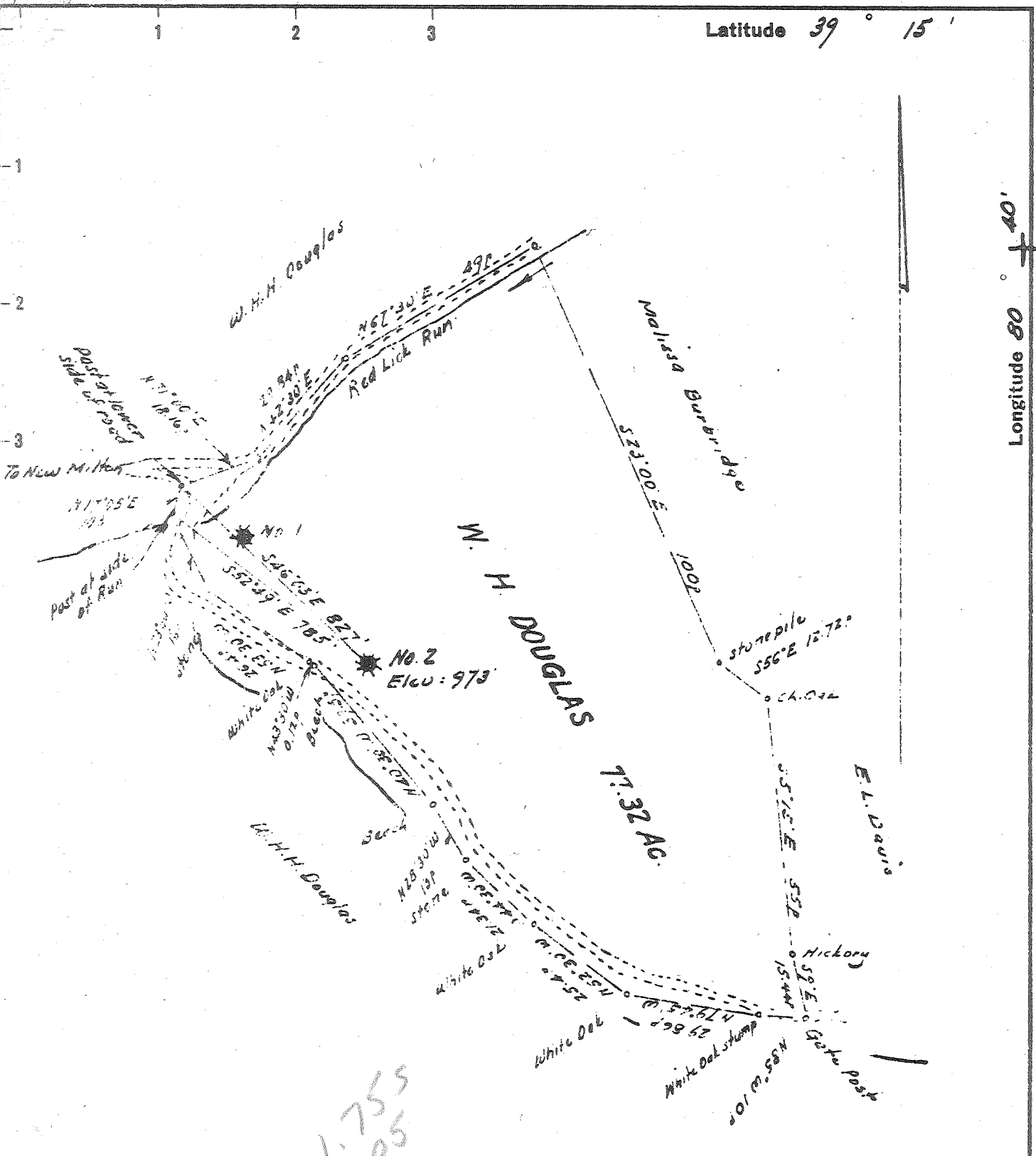
PHYSICAL CHANGE IN WELL (SPECIFY) NEW MYLAR PREPARED TARGET FORMATION BIG INJUN SAND  
FOR CHANGE IN OWNERSHIP. ESTIMATED DEPTH 2066'

WELL OPERATOR North Coast Energy Eastern, Inc. DESIGNATED AGENT David L. Cox  
ADDRESS PO Box 8 Ravenswood, WV 26164 ADDRESS PO Box 8 Ravenswood, WV 26164

LONGITUDE 80°40'00" 9.150'  
LAT. 39°13'29.9"  
COUNTY NAME DODD  
PERMIT 1042-P

Latitude 39° 15'

Longitude 80° 40'



1.755  
0.05

Elevation -  
U.S.G.S. B.M. at  
New Milton = 820

- Fracture
- New Location
- Drill Deeper
- Abandonment

I do hereby certify that this map is correct to the best of my knowledge and belief and shows all of the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mine laws of West Virginia.

*W. H. Douglas*  
8-2-63

Error in closure - less than 1' in 200'

Company P & M Oil Co.  
 Address West Union, West Va.  
 Farm W. H. Douglas  
 Tract Acres 77.32 Lease No. \_\_\_\_\_  
 Well (Farm) No Two Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 973'  
 Quadrangle Kadis NW  
 County Doddridge District New Milton  
 Engineer W. H. Douglas  
 Engineer's Registration No. 1227  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date July 27, 1963 Scale 1" = 300' = 495'

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

WELL LOCATION MAP  
FILE NO. Dod-1042-ERAC.

+ 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

Rotary   
Spudder   
Cable Tools   
Storage

Quadrangle Vadis

WELL RECORD

Permit No. DOD-1642

Oil or Gas Well Oil  
(KIND)

Company P E M Oil Company  
Address West Union, W. Va.  
Farm W. H. Douglass Acres 77  
Location (waters) Red Lick Run  
Well No. 2 Elev. 973  
District New Milton County Doddridge  
The surface of tract is owned in fee by Hayward Boyce  
Address New Milton, W. Va

Mineral rights are owned by W.H. Douglass Heirs and Others  
Address \_\_\_\_\_  
Drilling commenced 1924  
Drilling completed \_\_\_\_\_  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_

Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
\_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
Volume \_\_\_\_\_ Cu. Ft.

Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.

WELL ACIDIZED \_\_\_\_\_

WELL FRACTURED Aug. 13, 1963

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer _____
16			
13			Size of _____
10			
8 1/4	1149	1149	Depth set _____
6 3/4	1988	1988	
5 3/16			Perf. top _____
3			Perf. bottom _____
2			Perf. top _____
Liners Used			Perf. bottom _____

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_

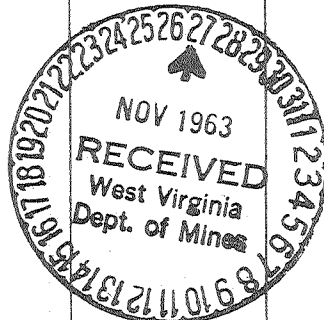
COAL WAS ENCOUNTERED AT 637 FEET \_\_\_\_\_ INCHES  
642 FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

RESULT AFTER TREATMENT 1 barrel per day

ROCK PRESSURE AFTER TREATMENT 15 pound

Fresh Water \_\_\_\_\_ Feet Salt Water \_\_\_\_\_ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Conductor			15				
Native Coal			95	98			
Pittsburgh Coal			637	642			
Little Dunkard sand			1030	1060			
Big Dunkard Sand			1142	1214			
Gas sand			1240	1274			
1st Salt sand			1390	1500			
2nd. Salt Sand			1535	1590			
3rd. Salt Sand			1660	1700			
Maxon Sand			1870	1930			
Little Lime			-1945	1960			
Pencil Cove			1978	1985			
Big Lime			-1985	2034			
Big Injun Sand			2034				
Gas			2056	2064			
Oil			2066	2080			
Total Depth				2096			



Rev (9-04)  
WR-38  
DATE:

API # 47-017-01042-P

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

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, 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:

Farm name: Ramon Jean Boyce Operator Well No.: Douglas Hrs #2

LOCATION: Elevation: 977' Quadrangle: New Milton 511  
District: New Milton County: Doddridge  
Latitude: \_\_\_\_\_ Feet South of \_\_\_\_\_ Deg. \_\_\_\_\_ Min. \_\_\_\_\_ Sec.  
Longitude: \_\_\_\_\_ Feet West of \_\_\_\_\_ Deg. \_\_\_\_\_ Min. \_\_\_\_\_ Sec.

Well Type: OIL \_\_\_\_\_ GAS ✓

Company: North Coast Energy Eastern, Inc Coal Operator or Owner: NONE  
P.O. Box 8  
Ravenswood, WV 26164

Agent: David L. Cox Coal Operator or Owner: NONE

Permit Issued Date: 02/20/2007

**RECEIVED**  
Office of Oil & Gas

JUN 24 2008

AFFIDAVIT

STATE OF WEST VIRGINIA,  
County of Doddridge ss:

WV Department of  
Environmental Protection

Delbert Fusher and Robbie Fox 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 say that said work was commenced on the 18<sup>th</sup> day of Oct, 2007 and the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
<u>6" Gel between all plugs</u>				
<u>CMT 19sk</u>	<u>2030</u>	<u>1820'</u>		
<u>CMT 18sk</u>	<u>1200'</u>	<u>1000'</u>	<u>Cut 4 1/2" csy @ 325'</u>	<u>4 1/2" csy 1690"</u>
<u>CMT 38sk</u>	<u>375'</u>	<u>275'</u>	<u>Cut 7" csy @ 190'</u>	<u>7" csy 1798'</u>
<u>CMT 71sk</u>	<u>250'</u>	<u>0</u>	<u>Cut hole in 8" @ 180' - 100' - 50'</u>	<u>8" csy 11149'</u>

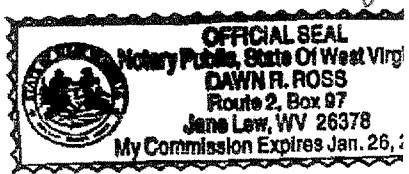
Description of monument: 7" csy 36" above surface w/ API # and that the work of plugging and filling said well was completed on the 23<sup>rd</sup> day of Oct, 2007.

And further deponents saith not. Delbert Fusher

Robbie Fox

Sworn and subscribe before me this 31 day of Oct, 2007

My commission expires: Jan 26, 2016  
Dawn Ross  
Notary Public



Affidavit reviewed by the Office of Oil and Gas: Mitchell 10/31/07

JUL 04 2008