

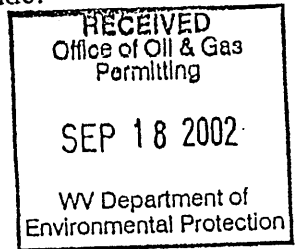
West Virginia Department of Environmental Protection  
Office of Oil & Gas  
**WELL LOCATION FORM: GPS**

API: 47-095-00698 - P WELL NO: 3  
FARM NAME: Ben Jackman  
RESPONSIBLE PARTY NAME: R.L. Wharton, LTD  
COUNTY: Tyler DISTRICT: McElroy  
QUADRANGLE: Shirley 7.5'  
SURFACE OWNER: Blattner Realty, LLC  
ROYALTY OWNER: Jackman Heirs/Assigns  
UTM GPS NORTHING: 4,363,735 (NAD 27)  
UTM GPS EASTING: 517,924 (NAD 27) GPS ELEVATION: 345 m. (1,132')

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

- Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) - meters.
- Accuracy to Datum - 3.05 meters
- Data Collection Method:
 

Survey Grade GPS	<input type="checkbox"/>	Post Processed Differential	<input type="checkbox"/>
		Real-Time Differential	<input type="checkbox"/>
Mapping Grade GPS	<input checked="" type="checkbox"/>	Post Processed Differential	<input checked="" type="checkbox"/>
		Real-Time Differential	<input type="checkbox"/>



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.

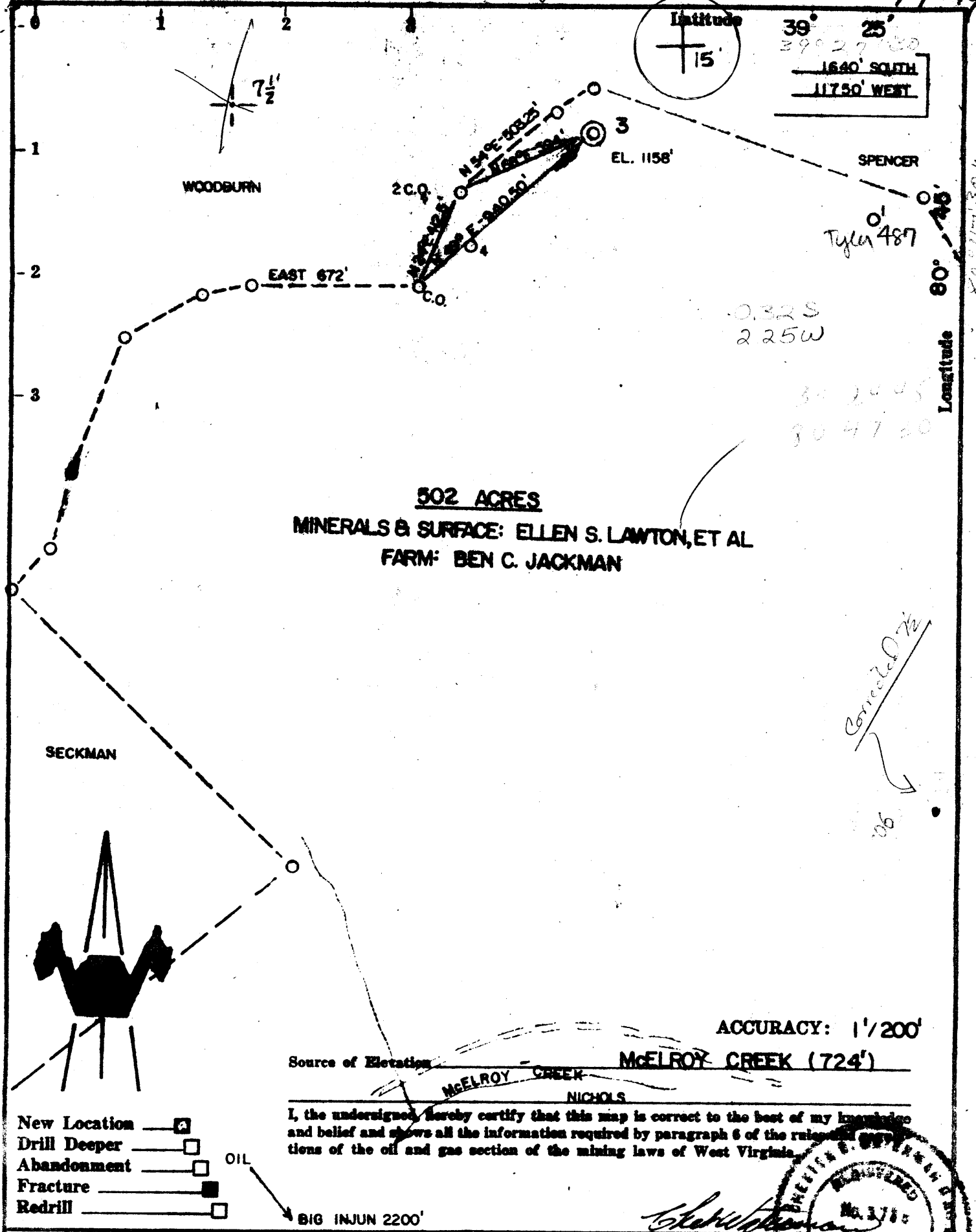
R L Wharton R.L. Wharton  
Signature  
9/16/02  
Date

President  
Title

Calc 7.5' loc  
2.31 S 39° 27' 30"  
0.01 W 80° 47' 30"

TYL  
0698-P

6/14/77



Latitude 39° 25' 15"  
 39° 27' 30"  
 1640' SOUTH  
 11750' WEST

0.32 S  
 2.25 W

30 20 45  
 80 47 30

**502 ACRES**  
**MINERALS & SURFACE: ELLEN S. LAWTON, ET AL**  
**FARM: BEN C. JACKMAN**

*Corrected*  
 06

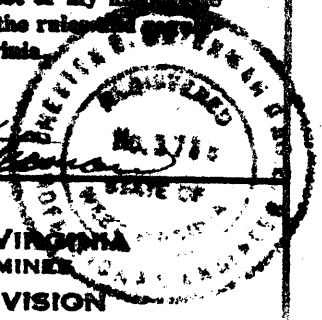
ACCURACY: 1/200'

Source of Elevation: McELROY CREEK (724')  
 McELROY CREEK  
 NICHOLS

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.

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

OIL  
 BIG INJUN 2200'



Company	QUAKER STATE OIL REF. CORP
Address	PARKERSBURG, WV
Farm	BEN C. JACKMAN
Tract	Acres 502 Lease No.
Well (Farm) No.	3 Serial No.
Elevation (Spirit Level)	1158'
Quadrangle	SHIRLEY (7.5'), WEST UNION 15'
County	TYLER District McELROY
Engineer	CHET WATERMAN
Engineer's Registration No.	3788
File No.	77-356 Drawing No.
Date	9/8/77 Scale 1" = 500'

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

WELL LOCATION MAP  
 FILE NO. 47-095-0698-FRAC

+ Denotes location of well on United States Topographic Maps, scale 1 to 24,000, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

JUN 26 1979

2208.5' Big Injun G & WILBOR 92

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

Date July 19, 1979

FORM IV-35  
(Obverse)

Operator's

Well No. 3

[08-78,

WELL OPERATOR'S REPORT 17  
OF

API Well No. 47 - 095 - 06

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE State County Per

WELL TYPE: Oil XX / Gas      / Liquid Injection      / Waste Disposal      /  
(If "Gas", Production      / Underground storage      / Deep      / Shallow     )

LOCATION: Elevation: 1158 Watershed: McElroy Creek  
District: McElroy County: Tyler Quadrangle: Shirley 7.5'

WELL OPERATOR OUAKER STATE OIL REFG. CORP. DESIGNATED AGENT Robert C. Pingrey  
Address P.O. Box 1327 Address P.O. Box 1327  
Parkersburg, WV 26101 Parkersburg, WV 26101

PERMITTED WORK: Drill      / Convert      / Drill deeper      / Redrill      / Fracture or stimulate       
Plug off old formation      / Perforate new formation      /  
Other physical change in well (specify) Cement 4 1/2" in old well drilled in 1896.

PERMIT ISSUED ON June 13, 1979

OIL & GAS INSPECTOR FOR THIS WORK:

(IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED

Name Phil Tracy

Address Middlebourne, WV

PH: 304-758-4373

GEOLOGICAL TARGET FORMATION: Big Injun Depth 2116 - 2200 feet

Depth of completed well, 2208.5 feet Rotary      / Cable Tools XX

Water strata depth: Fresh, 100 feet; salt, 1600 feet.

Coal seam depths: none listed Is coal being mined in the area? no

Work was commenced June 24, 1979, and completed June 26, 1979

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling	Left in well		
Conductor						16	16		Kinds
Fresh water	10"					280	280		
Coal	8"					1200	1200		Sizes
Intermediate	6 1/4"					2043	1020		
Production	4 1/2"	J	9.5	XX			2078	35	Depth set
Tubing									
Liners									Perforations:
									Top Bottom

OIL & GAS DIVISION  
DEPT. OF MINES

OPEN FLOW DATA

Producing formation Big Injun Pay zone depth 2116 - 2000 feet

Gas: Initial open flow, -0- Mcf/d Oil: Initial open flow, -0- Bbl/d

Final open flow, -0- Mcf/d Final open flow, 2 Bbl/d

Time of open flow between initial and final tests,      hours

Static rock pressure, no test psig (surface measurement) after      hours shut in

[If applicable due to multiple completion--]

Second producing formation      Pay zone depth      feet

Gas: Initial open flow,      Mcf/d Oil: Initial open flow,      Bbl/d

Final open flow,      Mcf/d Final open flow,      Bbl/d

Time of open flow between initial and final tests,      hours

AUG 7 1979

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Well not treated. Production run into well and cemented.

WELL LOG

FORMATION	Color	Hard or Soft	17		Remarks Including indication of all fresh and salt water, coal, oil and gas
			Top Feet	Bottom Feet	
Sandstone			0	258	
Shale & Siltstone			258	558	
Sandstone			558	670	
Shale			670	715	
Sandstone & Shale			715	1137	
Shale			1137	1400	
Sandstone			1400	1522	
Shale			1522	1600	
Salt Sand			1600	1640	
Shale			1640	1780	
Sand			1780	1820	
Shale			1820	2025	
Big Lime			2025	2116	
Big Injun			2116	2200	
Shale			2200	2208.5	

(Attach separate sheets to complete as necessary)

QUAKER STATE OIL REFINING CORPORATION  
Well Operator

By Michael C. Brannock

Its Sr. Geologist

**NOTE:** Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic, detailed geological record of all formations, including coal, encountered in the drilling of a well."

EXHIBIT "A"

Mineral and Surface Owners of Ben C. Jackman Farm.

Ellen S. Lawton and Watson Lawton  
411 Park Avenue West  
Princeton, Illinois 61375

Katherine Colvin  
212 McKinley Street  
Pittsburgh, Pennsylvania 15210

RECEIVED

JUN 12 1979

OIL & GAS DIVISION  
DEPT. OF MINES

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. 3

API Well No. 47-095-069 State County Permit

WELL TYPE: Oil XX / Gas / (If "Gas", Production / Underground storage / Deep / Shallow /)

LOCATION: Elevation: 1158' Watershed: McElroy Creek District: McElroy County: Tyler Quadrangle: Shirley 7.5'

WELL OPERATOR QUAKER STATE OIL REFG. CORP. Address P.O. Box 1327 Parkersburg, WV 26101

DESIGNATED AGENT Robert C. Pingrey Address P.O. Box 1327 Parkersburg, WV 26101

OIL & GAS ROYALTY OWNER See Exhibit "A" Address

COAL OPERATOR None Address

ACREAGE 502

COAL OWNER(S) WITH DECLARATION ON RECORD:

SURFACE OWNER Same as above Address Acreage

Name None Address Name Address

FIELD SALE (IF MADE) TO: Name None Address

COAL LESSEE WITH DECLARATION ON RECORD: Name None Address

OIL & GAS INSPECTOR TO BE NOTIFIED Name Phil Tracy Address Middlebourne, W. Va. Tele: 758-4573

RECEIVED JUN 12 1979

OIL & GAS DIVISION

DEPT. OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above

location under a deed / lease XX / other contract / dated March 16, 1976, to the undersigned well operator from Ellen S. Lawton & Watson Lawton and Katherine Colvin

[If said deed, lease, or other contract has been recorded:]

Recorded on June 8, 1978, in the office of the Clerk of the County Commission of Tyler County, West Virginia, in Deed Book 209 at page 623. A permit is requested as follows:

PROPOSED WORK: Drill / Drill deeper / Redrill / Fracture or stimulate / Plug off old formation / Perforate new formation / Other physical change in well (specify) Cement 4 1/2" in old well drilled in 1896.

--planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code § 22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO: WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION 1615 WASHINGTON STREET EAST CHARLESTON, WV 25311 TELEPHONE: (304) 348-3092

BLANKET BOND

QUAKER STATE OIL REFINING CORPORATION Well Operator Robert C. Pingrey By [Signature] Its District Manager

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:  
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) Company Tools (Q.S.O.R.C.)  
Address P.O. Box 1327  
Parkersburg, WV 26101

GEOLOGICAL TARGET FORMATION, Big Injun

Estimated depth of completed well, 2208.5' feet Rotary      / Cable tools XX /

Approximate water strata depths: Fresh, 100 feet; salt, 1600 feet.

Approximate coal seam depths: None listed Is coal being mined in the area? Yes      / No XX /

CASING AND TUBING PROGRAM

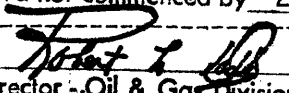
CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling	Left in well		
Conductor						16	16		Kinds
Fresh water	10"					280	280		
Coal	8"					1200	1200		Sizes
Intermediate	6-1/4"					2043	1020		
Production	4-1/2"	J	9.5	XX			2073	30 sx	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

**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 fracturing. This permit shall expire if operations have not commenced by 2-13-80.

  
Deputy Director - Oil & Gas Division

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code § 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

The undersigned coal operator      / owner      / lessee      / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date:     , 19    

By       
Its

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: Jackman Operator Well No.: #3

LOCATION: Elevation: 1132 Quadrangle: Shirley 7.5'  
District: McElroy County: Tyler  
Latitude: \_\_\_\_\_ Feet South of \_\_\_\_\_ Deg. \_\_\_\_\_ Min. \_\_\_\_\_ Sec.  
Longitude: \_\_\_\_\_ Feet West of \_\_\_\_\_ Deg. \_\_\_\_\_ Min. \_\_\_\_\_ Sec.

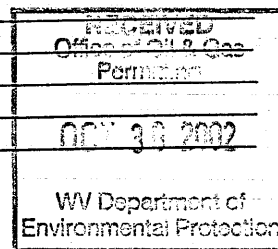
Well Type: OIL \_\_\_\_\_ GAS x

Company: Ross & Wharton Gas Co. Coal Operator  
Rt. 5, Box 20 or Owner  
Buckhannon, WV 26201

Agent: Robert L. Wharton

Permit Issued Date: 9/27/02

AFFIDAVIT



STATE OF WEST VIRGINIA,  
County of Upshur ss:

Robert L. Wharton and Don Elmer 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 Steven Mossor Oil and Gas Inspector representing the Director, say that said work was commenced on the 30th day of Sept. 2002, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Cement	2126	1789	1350' of 4 1/2"	728
Gell	2126	0	350' of 8 5/8"	
Cement	1400	1300		
Cement	850	700	Cut 8 5/8" pipe 850-700	
Cement	400	280	Cut hole 1350-1300	
Cement	240	125		
Cement	50	0		

Description of monument: 6" pipe 30" above ground and that the work of plugging and filling said well was completed on the 17 day of October 2002.

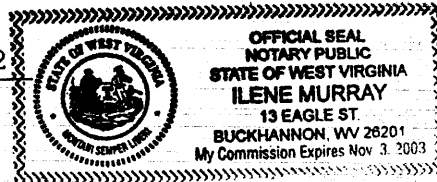
And further deponents saith not.

R. L. Wharton  
Don Elmer

Sworn and subscribe before me this 22nd day of October, 2002  
My commission expires: 11-03-03

Ilene Murray  
Notary Public

Oil and Gas Inspector: Steven J. Mossor



NOV 1 2002