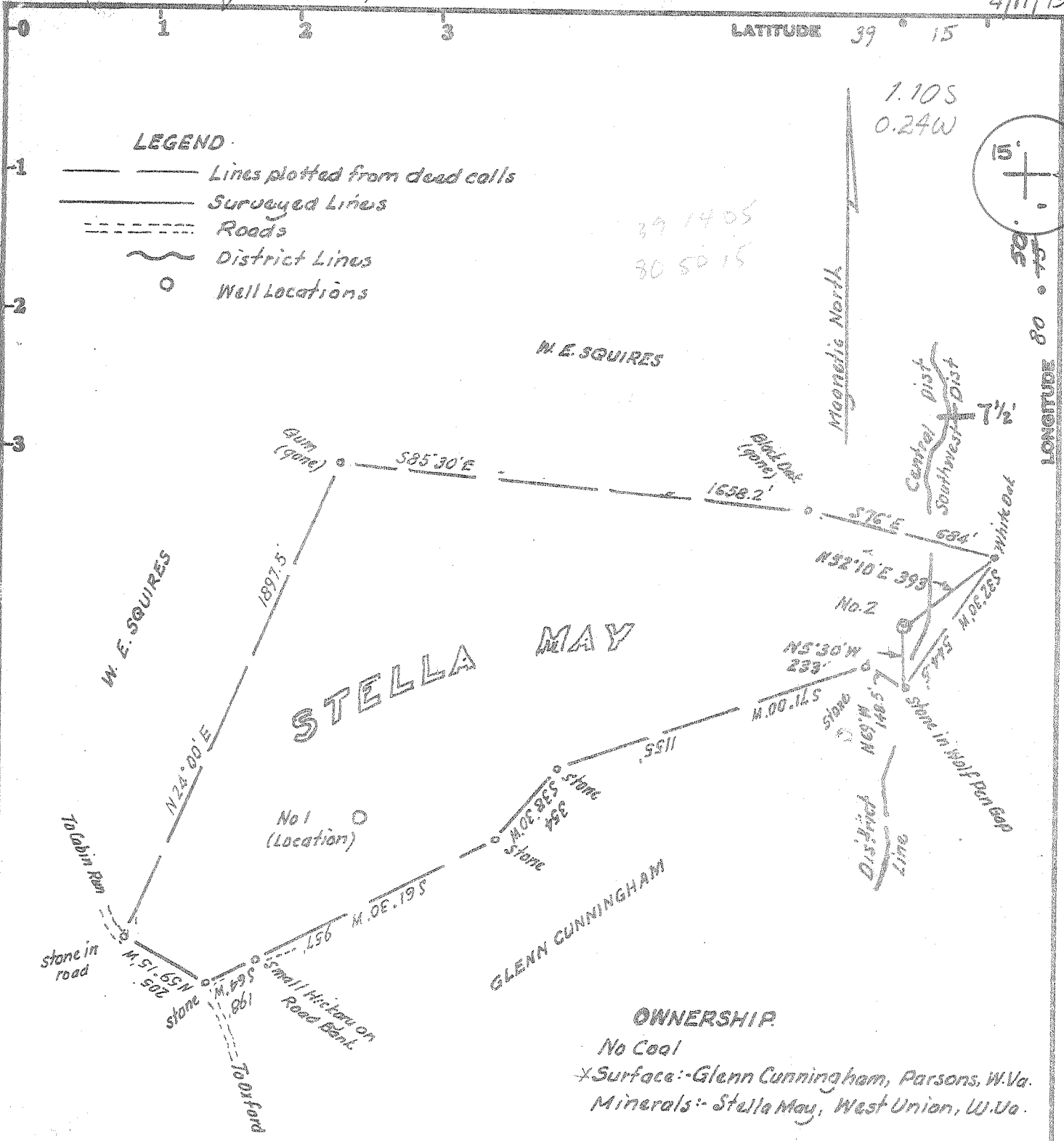


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**OWNERSHIP.**  
 No Coal  
 \*Surface:- Glenn Cunningham, Parsons, W.Va.  
 Minerals:- Stella May, West Union, W.Va.

Minimum Error of Closure 1 in 200'  
 Source of Elevation Elev. No. 1 Well (location) = 1029

- Fracture.....
- New Location.....
- Drill Deeper.....
- Abandonment.....

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.

Signed: *[Signature]*  
 Squares: N S E W

Map No. \_\_\_\_\_

Company United Operating Co.  
 Address 600 Commerce Square, Charleston, W. Va.  
 Farm Stella May #  
 Tract \_\_\_\_\_ Acres 65.06 Lease No. \_\_\_\_\_  
 Well (Farm) No. Two Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 1045' NC  
 Quadrangle Oxford 7 1/2, Holbrook 15  
 County Doddridge District Central  
 Engineer [Signature]  
 Engineer's Registration No. 1227  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date April 7, 1979 Scale 1" = 500'

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

**WELL LOCATION MAP**  
 FILE NO. 47-017-2377

+ Denotes location of well on United States Topographic Maps, scale 1 to 25,000, latitude and longitude lines being represented by border lines as shown. MAY 3 1979  
 -- Denotes one inch spaces on border line of original tracing.

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

Date May 3, 1979

FORM IV-35  
(Obverse)

Operator's Well No. Cunningham #2

[08-78]

WELL OPERATOR'S REPORT

API Well No. 47 - 017 - 2377  
State County Permi

OF  
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

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

LOCATION: Elevation: 1045 Watershed: Cabin Run  
District: Central County: Doddridge Quadrangle: Oxford 7 1/2

WELL OPERATOR United Operating Company DESIGNATED AGENT Jack L. Trittipo  
Address 600 Commerce Square Address 600 Commerce Square  
Charleston, WV 25301 Charleston, WV 25301

PERMITTED WORK: Drill  / Convert  / Drill deeper  / Redrill  / Fracture or stimulate   
Plug off old formation  / Perforate new formation   
Other physical change in well (specify) \_\_\_\_\_

PERMIT ISSUED ON April 2, 1979 OIL & GAS INSPECTOR FOR THIS WORK:  
(IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED) Name Paul Garrett  
Address 321 Beech Street  
Clarksborg, WV 26301

GEOLOGICAL TARGET FORMATION: Weir Sandstone Depth 2275-2390 feet  
Depth of completed well, 2505 feet Rotary  / Cable Tools   
Water strata depth: Fresh, 30 feet; salt, \_\_\_\_\_ feet.  
Coal seam depths: none recorded Is coal being mined in the area? No  
Work was commenced April 16, 1979, and completed April 19, 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		
Conductor								Kinds Baker
Fresh water	8-5/8	H	20	X		294	294	circulated
Coal								Sizes 4 1/2
Intermediate								
Production	4 1/2	K	10.5	X			2475	1,000' fillup Depths set 2150
Tubing								
Liners								Perforations: 2276-2388 Baker

OIL & GAS DIVISION  
DEPT. OF MINES

OPEN FLOW DATA

Producing formation Weir Pay zone depth 2275-2390  
Gas: Initial open flow, No test Mcf/d Oil: Initial open flow, NA Bbl/d  
Final open flow, 350 Mcf/d Final open flow, NA Bbl/d  
Time of open flow between initial and final tests, \_\_\_\_\_ hours  
Static rock pressure, 680 psig (surface measurement) after 24 hours shut in  
[If applicable due to multiple completion--]  
Second producing formation Big Injun Pay zone depth 2046-2106  
Gas: Initial open flow, No test Mcf/d Oil: Initial open flow, NA Bbl/d  
Final open flow, 100 Mcf/d Final open flow, NA Bbl/d  
Time of open flow between initial and final tests, \_\_\_\_\_ hours  
Static rock pressure \_\_\_\_\_ psig (surface measurement) after 24 hours shut in

MAY 22 1979

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

Well fraced in four stages:

Lower Weir: 400 bbl. crude oil - 15000# 80/100 19,000# 20/40  
 Upper Weir: 400 bbl. crude oil - 15000# 80/100 19,000# 20/40  
 Lower Injun: 340 bbl. crude oil - 10,000# 80/100 15,000# 20/40  
 Upper Injun: 450 bbl. treated water - 10,000# 80/100 20,000# 20/40

WELL LOG

FORMATION	Color	Hard or Soft	Top Feet	Bottom Feet	Remarks Including indication of all fresh and salt water, coal, oil and gas
Sand-Shale	Grey	H	0	1380	
Sand	Grey	H	1380	1420	
Shale-sand stringers	Grey	S	1420	1614	
Sand	Grey	H	1614	1648	
Shale	Grey	S	1648	1690	
Sand	Grey	H	1690	1712	
Shale	Grey	S	1712	1928	
Blue Monday	Grey	H	1928	1946	
Shale	Grey	S	1946	1974	
Lime	Grey	H	1974	2038	
Big Injun	Grey	S	2038	2114	
Shale	Grey	S	2114	2274	
Weir	Grey	S	2274	2390	
Shale	Grey	S	2390	2505	T.D.

(Attach separate sheets to complete as necessary)

United Operating Company  
 Well Operator

By Jack L. Trittipo  
 Its President

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."

APR 11 1979

Date: April 11, 1979  
Operator's Well No. Cunningham #2  
API Well No. 47-017-2377  
State County Permit

OIL & GAS DIVISION STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES, OIL AND GAS DIVISION  
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

LOCATION: Elevation: 1045 Watershed: Cabin Run  
District: Central County: Doddridge Quadrangle: Oxford 7 1/2

WELL OPERATOR United Operating Company  
Address 600 Commerce Square  
Charleston, WV 25301

DESIGNATED AGENT Jack L. Trittipo  
Address 600 Commerce Square  
Charleston, WV 25301

OIL & GAS ROYALTY OWNER Stella May et al  
Address West Union, WV

COAL OPERATOR None  
Address \_\_\_\_\_

Acreage 65.06

COAL OWNER(S) WITH DECLARATION ON RECORD:

SURFACE OWNER Glenn Cunningham  
Address P. O. Box 337  
Parsons, WV 26287  
Acreage 65.06

Name na  
Address \_\_\_\_\_

FIELD SALE (IF MADE) TO:  
Name \_\_\_\_\_  
Address \_\_\_\_\_

Name \_\_\_\_\_  
Address \_\_\_\_\_

OIL & GAS INSPECTOR TO BE NOTIFIED  
Name Paul Garrett  
Address 321 Beech Street  
Clarksburg, WV 26301

COAL LESSEE WITH DECLARATION ON RECORD:  
Name \_\_\_\_\_  
Address APR 11 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 X / other contract \_\_\_ / dated July 24, 19 78, to the undersigned well operator from Stella May and Richard D. Cunningham

[If said deed, lease, or other contract has been recorded:]  
Recorded on Jan. 30, 19 79, in the office of the Clerk of the County Commission of Doddridge County, West Virginia, in Lease Book 107 at page 378. A permit is requested as follows:

PROPOSED WORK: Drill X / Drill deeper \_\_\_ / Redrill \_\_\_ / Fracture or stimulate \_\_\_ /  
Plug off old formation \_\_\_ / Perforate new formation \_\_\_ /  
Other physical change in well (specify) \_\_\_\_\_

--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

United Operating Company  
Well Operator  
By Jack L. Trittipo  
its President

BLANKET BOND

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) Glenn L. Haught & Son

Address Smithville, WV

GEOLOGICAL TARGET FORMATION, Weir

Estimated depth of completed well, 2600 feet Rotary  / Cable tools  /

Approximate water strata depths: Fresh, 75 feet; salt,        feet.

Approximate coal seam depths: none Is coal being mined in the area? Yes  / No  /

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									Kinds
Fresh water	3-5/8	H	20	X		300	300	circulated	
Coal									Sizes
Intermediate									
Production	4 1/2	K	10.5	X		0	2600	1000'	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 drilling. This permit shall expire if operations have not commenced by 12-12-79.

  
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



west virginia department of environmental protection

Office of Oil and Gas  
601 57th Street SE  
Charleston, WV 25304  
(304) 926-0450  
(304) 926-0452 fax

Earl Ray Tomblin, Governor  
Randy C. Huffman, Cabinet Secretary  
www.dep.wv.gov

September 10, 2012

**WELL WORK PLUGGING PERMIT**

**Plugging**

This permit, API Well Number: 47-1702377, issued to OHIO L & M COMPANY INC, is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to all conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas inspector.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. The above named operator will also file, as required in WV Code 22-6-23, an affidavit on form WR-38 by two experienced persons in the operator's employment and the Oil and Gas inspector that the work authorized under this permit was performed and a description given. Failure to abide by all statutory and regulatory provisions governing all duties and operations here under may result in suspensions or revocation of this permit and in addition may result in civil and/or criminal penalties being imposed upon the operator.

This permit will expire in two (2) years from date of issue. If there are any questions, please free to contact me at (304) 926-0499 ext. 1654.

James Martin  
Chief

Operator's Well No: CUNNINGHAM 2  
Farm Name: JAMES, MRS. ELAINE  
API Well Number: 47-1702377  
Permit Type: Plugging  
Date Issued: 09/10/2012

Promoting a healthy environment.

09/14/2012



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: Cunningham Operator Well No.: 2

LOCATION: Elevation: 1045' G.L. Quadrangle: Oxford 7-1/2  
District: Central County: Doddridge  
Latitude: See Attached Feet South of \_\_\_\_\_ Deg. \_\_\_\_\_ Min. \_\_\_\_\_ Sec.  
Longitude: \_\_\_\_\_ Feet West of \_\_\_\_\_ Deg. \_\_\_\_\_ Min. \_\_\_\_\_ Sec.

Well Type: OIL \_\_\_\_\_ GAS X

Company Ohio L&M Co., Inc. Coal Operator N/A  
4150 Belden Village Ave. NW or Owner \_\_\_\_\_  
Suite 410 Canton, OH 44718-2553  
Agent Jeff Sayer Coal Operator N/A  
Permit Issued Date 9-10-12 or Owner \_\_\_\_\_

AFFIDAVIT

Ohio  
STATE OF WEST-VIRGINIA,  
County of Washington ss:

Martin L. Miller and Damien Lee Posey 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 11th day of October, 2012, and the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEED
Class A Cement	2380	2205	Yes 2-3/8"	
Class A Cement	2106	2006	Yes 2-3/8"	
Class A Cement	1849	1749	Yes 2-3/8"	
Class A Cement	1087	965	Yes 4-1/2"	
Class A Cement	320	0	Yes 4-1/2"	

RECEIVED  
OFFICE OF OIL & GAS  
2012 NOV 21 P 1:18  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Description of monument: 5-1/2" Casing 30" Above G.L. 10' Below G.L. and that the work of plugging and filling said well was completed on the 12th day of October, 2012

And further deponents saith not. X

Sworn and subscribe before me this 29th day of October, 2012

My commission expires Feb. 21, 2016

Bobbie L. Lauer  
Notary Public



BOBBIE L. LAUER, Notary Public  
In and For The State of Ohio  
My Commission Expires 2-21-2016

Affidavit reviewed by the Office of Oil and Gas: Sam D. Worrell

Title: Oil & Gas Inspector

11/30/2012