

OWNERSHIP

Surface and coal, if any, are owned by Stacy McClain, whose postoffice address is New Milton, W.Va.

LEGEND

- - - Plotted from deed calls
- Surveyed Lines
- Active Wells
- ⊕ Abandoned Wells
- ⋯ Roads

G. B. Chapman #1

Minimum Error of Closure 1 in 200

Source of Elevation U.S.G.S. B.M. near mouth of Redlick Run = 830

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.

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

Map No.

Signed: [Signature]
Squares: N S E W

Company	<u>UNITED OPERATING COMPANY</u>
Address	<u>600 Commerce Sq., Charleston, W. Va.</u>
Farm	<u>G. B. Chapman, Stacy McClain</u>
Tract	Acres <u>48</u> Lease No. _____
Well (Farm) No.	<u>One</u> Serial No. _____
Elevation (Spirit Level)	<u>867 (850 Well Record)</u>
Quadrangle	<u>New Milton T4, Vada 15' 2-34</u>
County	<u>Doddridge</u> District <u>New Milton</u>
Engineer	<u>[Signature]</u>
Engineer's Registration No.	<u>1227</u>
File No.	_____ Drawing No. _____
Date	_____ Scale _____

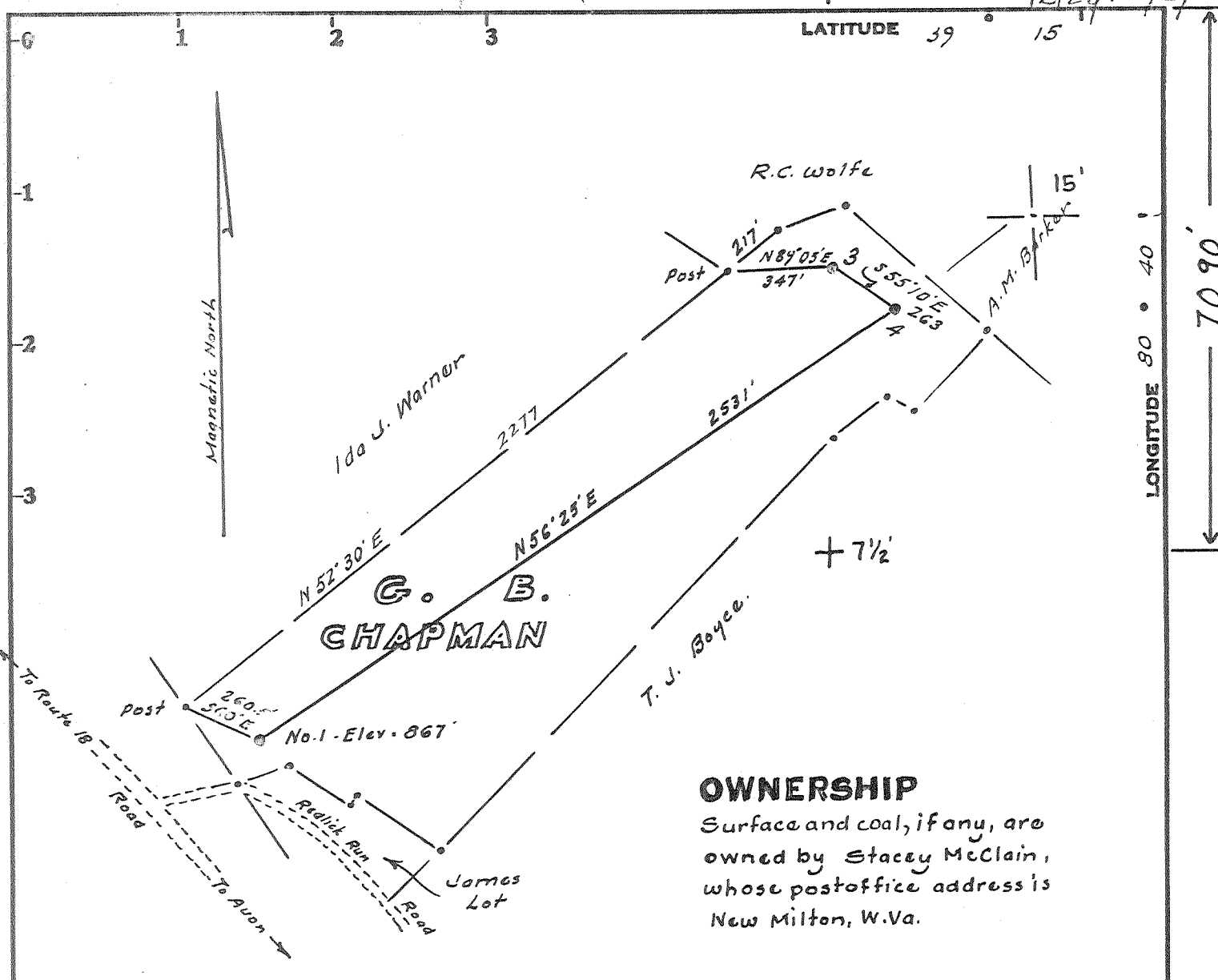
STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON

WELL LOCATION MAP #
FILE NO. 47-017-2328-10

Deepening Permit Cancelled
+ Denotes location of well on United States Topographic Maps, scale 1 to 24,000 or 48,000, latitude and longitude lines being represented by border lines as shown.
— Denotes one inch spaces on border line of original tracing.

DODD 73388-1

← 4,380' →
12/29/78



OWNERSHIP

Surface and coal, if any, are owned by Stacey McClain, whose postoffice address is New Milton, W.Va.

LEGEND

- Plotted from deed calls
- Surveyed Lines
- Active Wells
- ⊙ Abandoned Wells
- Roads

Minimum Error of Closure 1 in 200'

Source of Elevation U.S.G.S. B.M. near mouth of Redlick Run = 830

- 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: *W. H. Hester*
Squares: N S E W

Map No. _____

Company UNITED OPERATING COMPANY 899
 Address 600 Commerce Sq., Charleston, W. Va.
 Farm G. B. Chapman, Stacey McClain
 Tract _____ Acres 48 Lease No. _____
 Well (Farm) No. One Serial No. _____
 Elevation (Spirit Level) 867 (850 Well Record)
 Quadrangle New Milton 7 1/2, Vadis 15'
 County Doddridge District New Milton
 Engineer *W. H. Hester*
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date _____ Scale _____

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

WELL LOCATION MAP

FILE NO. 47-017-2328-DD

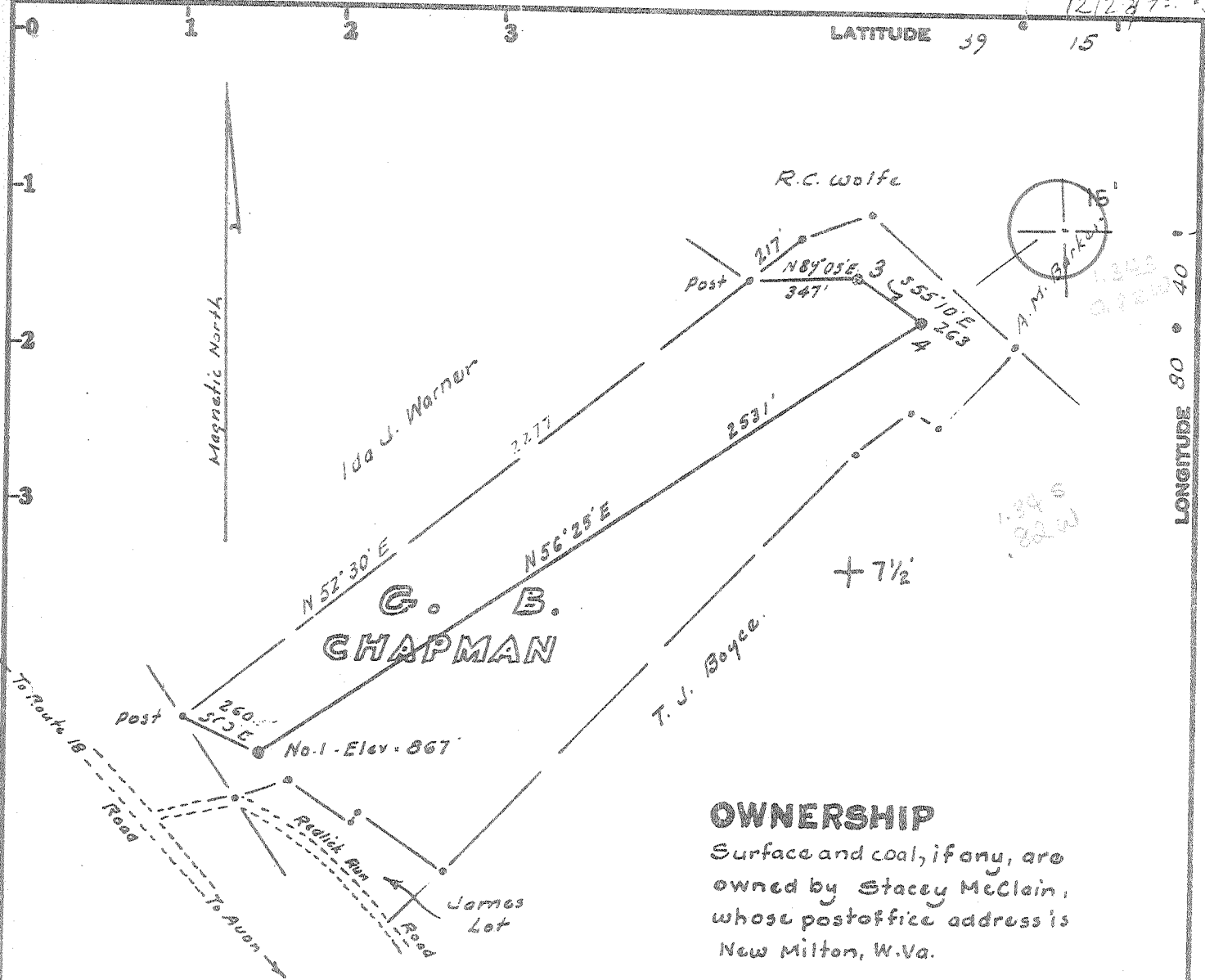
Deepening Permit Cancelled

+ Denotes location of well on United States Topographic Maps, scale 1 to $\frac{24,000}{62,500}$, latitude and longitude lines being represented by border lines as shown.

NOV 10 1986

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

12/22/77



OWNERSHIP

Surface and coal, if any, are owned by Stacey McClain, whose postoffice address is New Milton, W.Va.

LEGEND

- - - Plotted from deed calls
- Surveyed Lines
- Active Wells
- ⊕ Abandoned Wells
- ⋯ Roads

Minimum Error of Closure 1 in 200

Source of Elevation U.S.G.S. B.M. near mouth of Redlick Run = 830

- 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: *Matthew J. [Signature]*

Map No. _____ Squares: N S E W

Company UNITED OPERATING COMPANY
 Address 600 Commerce Sq., Charleston, W. Va
 Farm G. B. Chapman, Stacey McClain
 Tract _____ Acres 48 Lease No. _____
 Well (Farm) No. One Serial No. _____
 Elevation (Spirit Level) 867 (850 Well Record)
 Quadrangle New Milton 7 1/2, Vadis 15' NW
 County Doddridge District New Milton
 Engineer *Matthew J. [Signature]*
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date _____ Scale _____

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

WELL LOCATION MAP
 FILE NO. 47-017-2328-DD

+ Denotes location of well on United States Topographic Maps, scale 1 to $\frac{24,000}{62,500}$, latitude and longitude lines being represented by border lines as shown.

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

JAN 25 1979

2400

RECEIVED
 (REV 8-81)
 NOV 14 1986



Date November 4, 1986
 Operator's
 Well No. #1
 Farm G. B. Chanman
 API No. 47 - 017 - 2328 DD

DIVISION OF OIL & GAS
 DEPARTMENT OF ENERGY

State of West Virginia
 Department of Mines
 Oil and Gas Division

WELL OPERATOR'S REPORT
 OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

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

LOCATION: Elevation: 867 Watershed Redlick Run
 District: New Milton County Doddridge Quadrangle New Milton 7.5

COMPANY United Operating Company
 ADDRESS 930 Commerce Square, Charleston, WV
 DESIGNATED AGENT Jack L. Trittipo
 ADDRESS 930 Commerce Square, Charleston, WV
 SURFACE OWNER Stacey McClain
 ADDRESS New Milton, WV
 MINERAL RIGHTS OWNER Chapman Heirs
 ADDRESS New Milton, WV
 OIL AND GAS INSPECTOR FOR THIS WORK Mike Underwood
 ADDRESS Rt. 2, Box 135, Salem, WV
 PERMIT ISSUED 12-29-78
 DRILLING COMMENCED 12-30-78
 DRILLING COMPLETED 12-30-78
 IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

Casing Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"			
9 5/8			
8 5/8			
7	1833	1833	not cemented
5 1/2			
4 1/2		2400	500' fill up
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Weir Depth 2400 feet
 Depth of completed well 2280 feet Rotary X / Cable Tools
 Water strata depth: Fresh 30 feet; Salt feet
 Coal seam depths: N/A Is coal being mined in the area?

OPEN FLOW DATA

Producing formation Pay zone depth feet
 Gas: Initial open flow 5 Mcf/d Oil: Initial open flow Bbl/d
 Final open flow Mcf/d Oil: Final open flow Bbl/d
 Time of open flow between initial and final tests hours
 Static rock pressure 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 Oil: Final open flow Bbl/d
 Time of open flow between initial and final tests hours
 Static rock pressure psig (surface measurement) after hours shut in

(Continue on reverse side)

NOV 24 1986

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

Perf. 2194 - 2222 - Fractured 400 bbl. treated water, 10,000# 80/100 sand
28,000# 20/40 sand.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Base 7"			1840		
Big Lime	Grey	Soft	1840	1888	
Shale Break	"	"	1888	1910	
Big Injun	"	"	1910	1994	
Shale	"	"	1994	2140	
✓ Weir	"	"	2140	2222	
Shale	"	"	2222	2280	T.D.

2280 new TD
1840 - old TD?
440 - DD Ptg.

(Attach separate sheets as necessary)

Well Operator

By:

Date:

11-10-86

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."



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

DEC 27 1978

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

DATE December 27, 1978

Surface Owner Stacey McClain

Company United Operating Company

Address New Milton, W. Va.

Address 600 Commerce Square - Charleston

Mineral Owner Chapman Heirs

Farm G. B. Chapman Acres 48

Address New Milton, W. Va.

Location (waters) Redlick Run

Coal Owner Stacey McClain

Well No. One Elevation 867

Address _____

District New Milton County Doddridge

Coal Operator None

Quadrangle New Milton 7 1/2

Address _____

THIS PERMIT MUST BE POSTED AT THE WELL SITE

Inspector
To be notified Paul Garrett
Address 321 Beech Street, Clarksburg
Phone 622-3871

All provisions being in accordance with Chapter 22,
of the W. Va. Code, the location is hereby approved
for drilling deeper. This permit shall expire if
operations have not commenced by 4-29-79

Robert R. [Signature]

Deputy Director - Oil & Gas Division

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated April 19 16 by G. B. Chapman made to Travis-Trainor thence United and recorded on the _____ day of May 19 16 in Doddridge County 31 Book 31 Page _____
NEW WELL DRILL DEEPER REDRILL FRACTURE OR STIMULATE
OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as 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 Section 3 of the Code, 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 their above shown respective address _____ day _____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours, United Operating Company

(Sign Name) *[Signature]* Well Operator

600 Commerce Square
Street

Address of Well Operator Charleston, W. Va. 25301
City or Town

State

*SECTION 3 If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

I have read and understand the reclamation requirements 47-017-2328-DD PERMIT NUMBER
as set forth in Chapter 22, Article 4, Section 12 and will
carry out the specified requirements. *[Signature]*

THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO _____ DRILL _____ DEEPEN X FRACTURE-STIMULATE
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME Clint Hurt NAME Lyle Coffman or Jack Trittipio
 ADDRESS Elkview, WV ADDRESS 600 Commerce Square, Charleston
 TELEPHONE 965 6541 TELEPHONE 462-7176(Coffman)343-9383(Trittipio)
 ESTIMATED DEPTH OF COMPLETED WELL: 2400 feet ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Weir
 TYPE OF WELL: OIL _____ GAS X COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8			
8 - 5/8			
7	1833	1833	Not cemented
5 1/2			
4 1/2		2400	500 feet fillup
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 30 FEET SALT WATER _____ FEET
 APPROXIMATE COAL DEPTHS _____
 IS COAL BEING MINED IN THE AREA? No BY WHOM? _____

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.

WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this 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 operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

 For Coal Company

 Official Title

WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-017-02328 P WELL NO.: G.B. Chapman #1

FARM NAME: Coffman, Nancy & Ora

RESPONSIBLE PARTY NAME: EXCO Resources (PA), LLC

COUNTY: Doddridge DISTRICT: New Milton

QUADRANGLE: New Milton

SURFACE OWNER: Nancy & Ora Coffman

ROYALTY OWNER: _____

UTM GPS NORTHING: 4342470.72m

UTM GPS EASTING: 527432.10m GPS ELEVATION: 256.66m / 842.06'


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 X: Post Processed Differential _____
Real-Time Differential X

4. Letter size copy of the topography map showing the well location.

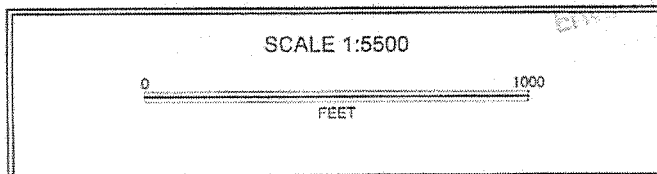
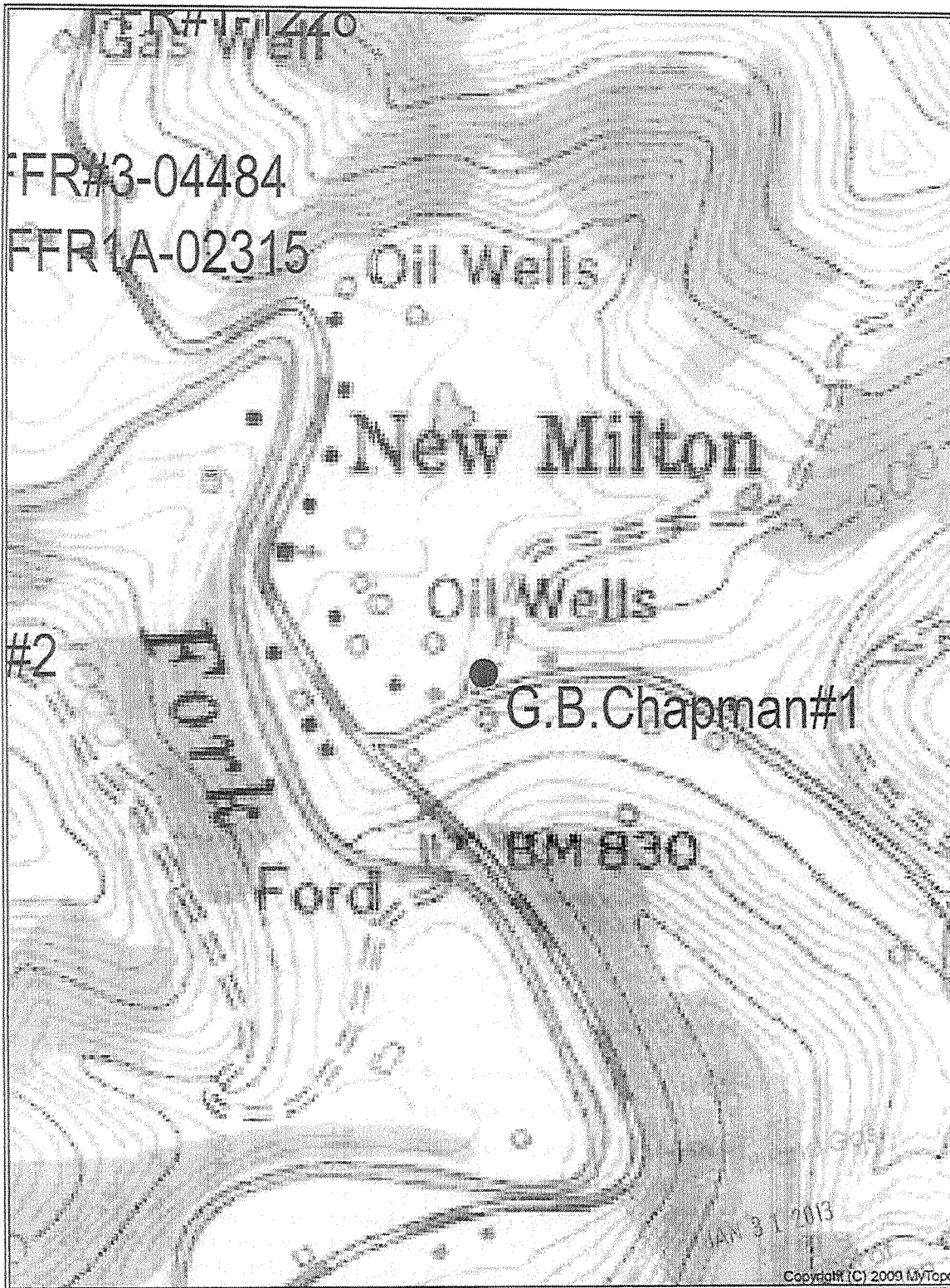
I the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas.


Signature

Construction Specialist I
Title

2-20-13
Date

1702328 P





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

March 04, 2013

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-1702328, issued to EXCO RESOURCES (WV), 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: G. B. CHAPMAN I
Farm Name: COFFMAN, NANCY & ORA
API Well Number: 47-1702328
Permit Type: Plugging
Date Issued: 03/04/2013

Promoting a healthy environment.