



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

API: 47 017 02424-1

WELL NO.: AM Barker #4

FARM NAME: AM Barker

RESPONSIBLE PARTY NAME: North Coast Energy Eastern, Inc.

COUNTY: Doddridge

DISTRICT: New Milton

QUADRANGLE: New Milton

SURFACE OWNER: Kenneth P. & Rhonda J. Moran

ROYALTY OWNER: AM Barker Heirs

UTM GPS NORTHING: 4342882.2

UTM GPS EASTING: 528389.5

GPS ELEVATION: 330.71

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 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 _____

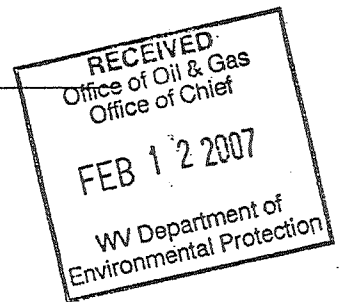
Mapping Grade GPS _____ : Post Processed Differential _____
Real-Time Differential _____

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.

George M. Tzaphanel
Signature

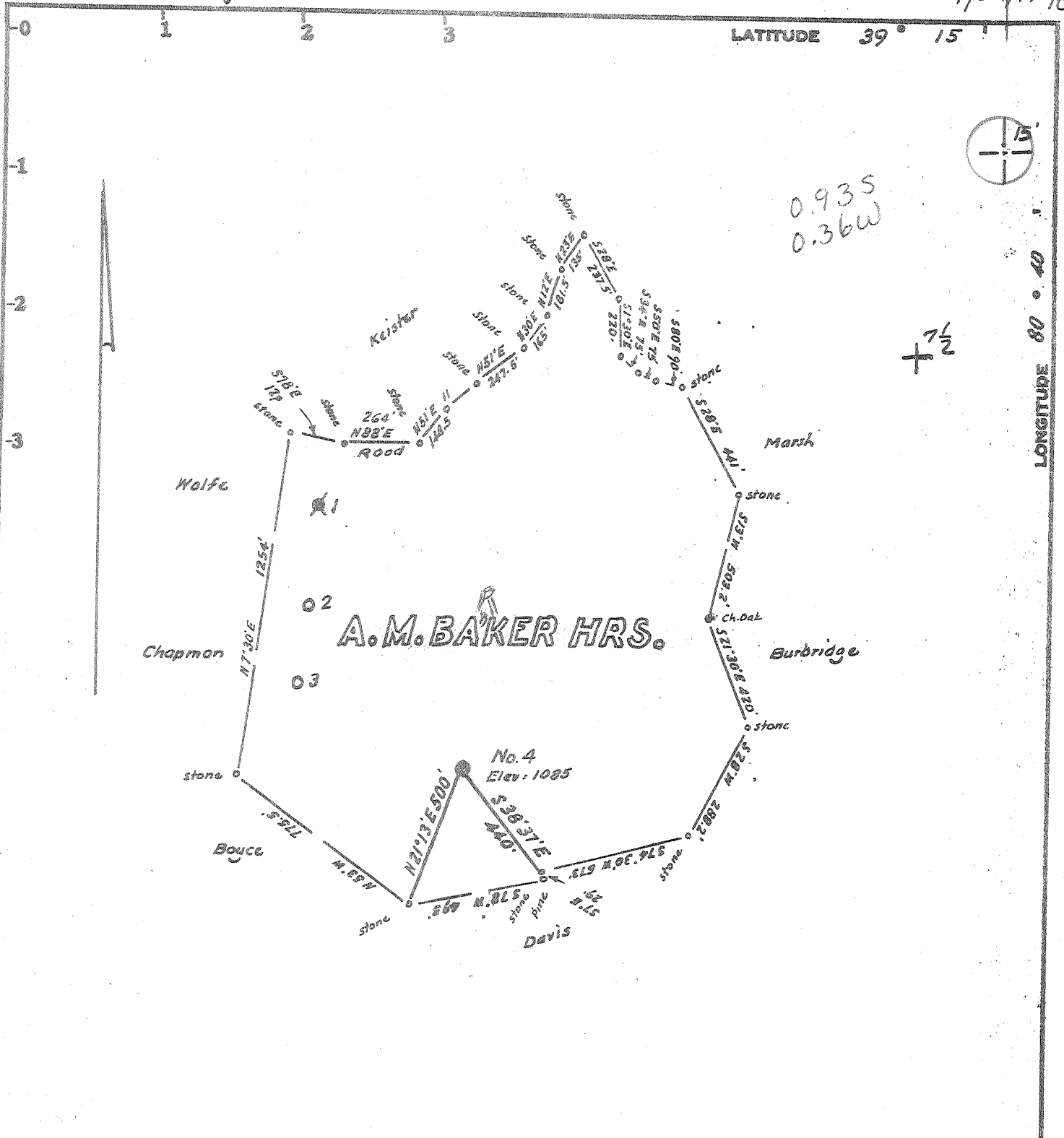
Consultant
Title

1/23/07
Date



Doddridge 2424-10

7/25/77 *PK*



Minimum Error of Closure 1 in 200'

Source of Elevation USGS B.M. at mouth of Wolfpen Run = 844

Fracture..... 7/25/77
 New Location.....
 Deeper.....
 Assignment.....

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. Kelly*
 Squares: N S E W

Company United Operating Co.
 Address 600 Commerce Sq. Charleston, W.V.
 Farm A.M. Barker Hairs, GUY KELLY
 Tract _____ Acres 63.5 Lease No. _____
 Well (Farm) No. Four Serial No. _____
 Elevation (Spirit Level) 1085 NW
 Quadrangle New Milton 26 7 1/2 CENTER POINTS
 County Doddridge District New Milton
 Engineer *W. H. Kelly*
 Engineer's Registration No. 1227 665 200
 File No. _____ Drawing No. _____
 Date July 11, 1977 Scale 1" = 500'

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

WELL LOCATION MAP

FILE NO. DOD -62-FRAC
2424

+ 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.

47-017



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

JUL 25 1977

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 July 25, 1977

Surface Owner Guy Kelly
Address New Milton, WV
Mineral Owner A. M. Barker Heirs
Address New Milton, WV
Coal Owner None
Address _____
Coal Operator None
Address _____

Company United Operating Company
Address 600 Commerce Sq., Charleston, WV
Farm A. M. Barker Acres 63.5
Location (waters) Meathouse Fork
Well No. 4 Elevation 1085
District New Milton County Doddridge
Quadrangle New Milton 15'

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 11-25-77

INSPECTOR
TO BE NOTIFIED Paul Garrett

ADDRESS 321 Beech St., Clarksburg, WV.

PHONE 622-3871

Robert L. Coffman
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 November 2 1975 by P&M Oil Company made to United Operating and recorded on the * day of _____ 1977, in _____ County, Book _____ Page _____ * Being Recorded
NEW WELL _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE
X 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.

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA GEOLOGICAL AND
ECONOMIC SURVEY
P. O. BOX 879
MORGANTOWN, WEST VIRGINIA 26505
AC-304 - 292-6331

Address
of
Well Operator

Very truly yours,
(Sign Name) *Robert L. Coffman*

Well Operator

600 Commerce Square
Street
Charleston, WV 25301
City or Town
WV
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.

BLANKET BOND

DOD-62-FRAC.

PERMIT NUMBER

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

47 017

Signed by _____

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

PROPOSED WORK ORDER TO _____ DRILL _____ DEEPEN FRACTURE-STIMULATE
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME (Company tools) _____ NAME Lyle Coffman
 ADDRESS _____ ADDRESS Norris Road, Glenville, WV
 TELEPHONE _____ TELEPHONE 462-7176
 ESTIMATED DEPTH OF COMPLETED WELL: 2200 ROTARY _____ CABLE TOOLS
 PROPOSED GEOLOGICAL FORMATION: Big Injun
 TYPE OF WELL: OIL GAS _____ 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			
5 1/2			
4 1/2		2100	300 ft. fill-up
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS Original 0610 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

API# 47-017-02424

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 Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm name: Kenneth + Rhonda Moran Operator Well No.: AM Barker #4

LOCATION: Elevation: 1085 Quadrangle: NEW MILTON
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 Coal Operator or Owner NONE
P.O. Box 8
Reverwood, WV 26164
Agent: David L Cox Coal Operator or Owner NONE

Permit Issued Date: 02/21/2007

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Doddridge ss:

Robbie Fox and Kevin Clouse 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 30th day of July, 2007 and the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
6 7/8 Gal	between all cmt plugs			
CMT 18sk	2075'	1875'	CUT 4 1/2" @ 1768'	4 1/2" - 344'
CMT 14sk	1813'	1713'	CUT 7" @ 1332	7" - 733'
CMT 18sk	1550'	1450'		8" - 1240'
CMT 44sk	1373'	1153'		NO 10" in hole
CMT 46sk	663'	503'		
CMT 28sk	100'	0	CUT holes @ 1503', 608', + 97'	

D000 2424

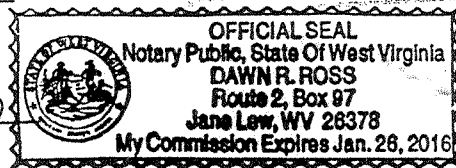
Description of monument: 7" x 36" above surface w/ API # and that the work of plugging and filling said well was completed on the 7th day of Aug, 2007.

And further deponents saith not.

[Signature]
[Signature]

Sworn and subscribe before me this 7 day of Aug, 2007
My commission expires: Jan - 26 - 2016

Dawn R Ross
Notary Public



SEP 28 2007