



STATE OF WEST VIRGINIA
 JAMES R. HAGER
 1552
 RECORDED
 LAND SURVEYOR

Minimum Error of Closure 1:200
 Source of Elevation GOV. B.M. ELEV. 733.00 Located on headwall 4 miles south Winslow on Bowen Cr. Road.

- 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: *James R. Hager*
 Squares: N S E W

Company FRANKLIN ADKINS
 Address 35 Valley View Dr. Vienna, W.Va. 26105
 Farm E. Childers Surf. - Columbia Gas - Min.
 Tract 60 Acres 60 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 732.5 *SE*
 Quadrangle Winslow - 7 1/2' Guyardet - 15'
 County Cabell District Mc Camas
 Engineer JAMES R. HAGER
 Engineer's Registration No. KY.L.S. 1552
 File No. _____ Drawing No. _____
 Date March 2, 1974 Scale 1" = 400

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

WELL LOCATION MAP
 FILE NO. Cab-549

SCALE 1:24000 &
 + Denotes location of well on United States Topographic Maps, scale 1 to 62500 (itud. and longitude lines being represented by border lines as shown.)
 - Denotes one inch spaces on border line of original tracing.

47-011

RECEIVED

1974



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

- Rotary [] Spudder [x] Cable Tools [] Storage []

Quadrangle Winslow

WELL RECORD

Oil or Gas Well Gas (KIND)

Permit No. Cab-549

Company Franklin Adkins Address 35 Valley View Dr., Vienna, W. Va. 26101 Farm Ezra Childers Acres 60 Location (waters) BOWENS Creek of Beech fork Well No. 1 Elev. 732.5 District McComas County Cabell The surface of tract is owned in fee by Pete Bias Route 1, Address Branchland, W. Va. Mineral rights are owned by Columbia Gas Trans. Corp. Address Charleston, W. Va. Drilling commenced 4-20-74 Drilling completed 7-25-74 Date Shot 8-1-74 From 2730 To 3500 With 5400 lbs Oil Well Explosives Open Flow 20 /10ths Water in 2 hours open 2 Inch /10ths Merc in Inch Volume 200,999 M Cu. Ft. Rock Pressure 420 lbs. 48 hrs. Oil bbls., 1st 24 hrs. WELL ACIDIZED (DETAILS) WELL FRACTURED (DETAILS)

Table with columns: Casing and Tubing, Used in Drilling, Left in Well, Packers. Rows include sizes 16, 13, 10, 8 1/4, 6 3/4, 5 3/16, 4 1/2, 3, 2 and packer details.

Attach copy of cementing record. CASING CEMENTED 8/58 SIZE 265 No. Ft. 4-25-74 Date Amount of cement used (bags) 55 sks Name of Service Co. Well Service, Inc. COAL WAS ENCOUNTERED AT FEET INCHES FEET INCHES FEET INCHES

RESULT AFTER TREATMENT (Initial open Flow or bbls.) ROCK PRESSURE AFTER TREATMENT HOURS Fresh Water 20 Feet Salt Water 905 Feet Producing Sand Devonian Shale Depth 2730 - 3558

Table with columns: Formation, Color, Hard or Soft, Top, Bottom, Oil, Gas or Water, Depth, Remarks. Rows include Surface, Slate & Sand, Sand, Red Rock, Slate, Sand, Little Lime, Broken Lime, Lime, Red Injun Sand, Squaw Sand, Slate, Sand, Lime, Slate, Berea Sand, Slate & Shells, Dev. Shale, Corniferous Lime, T. D.

Franklin Adkins Aug. 28, 1974 Partner



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
MAR 11 1974
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 March 7, 1974

Surface Owner Ezra Childers
Address Bowen's Creek Rd., W. Va.
Mineral Owner Columbia Gas
Address Charleston, W. Va.
Coal Owner Columbia Gas
Address Charleston, W. Va.
Coal Operator None
Address _____

Company Franklin Adkins
Address Vienna, W. Va.
Farm Ezra Childers Acres 60
Location (waters) Bowen Creek / Beech Fork
Well No. 1 Elevation 732.5
District McComas County Cabell
Quadrangle Winslow

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 7-20-74

Robert H. Fadd
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED
R.F.D. #1 PH: 736-4885
Barboursville
W. Va. 25504
Mr. Kenneth Butcher

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 _____ 19____ by Columbia Gas made to Franklin Adkins and recorded on the _____ day of _____ 19____, in _____ County, Book _____ 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,

(Sign Name) Franklin Adkins
Well Operator

Address
of
Well Operator

35 Valley View Dr.
Street
Vienna, W. Va.
City or Town

State

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:
West Virginia Geological and Economic Survey
P. O. Box 879
Morgantown, W. Va. 26505
AC 304-296-4461

*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.

Cab-549 PERMIT NUMBER
47-011

BOND DRILL

**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 Frank Adkins Drilling Co. NAME Franklin Adkins
 ADDRESS Vienna, W. Va. ADDRESS Vienna, W.Va.
 TELEPHONE 295-6724 TELEPHONE 295-6724
 ESTIMATED DEPTH OF COMPLETED WELL: 3200 ROTARY _____ CABLE TOOLS
 PROPOSED GEOLOGICAL FORMATION: Devonian Shale
 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	300	300	Back to surface
7	1700	1700	
5 1/2			
4 1/2			
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 70 FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS 200 _____
 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