



Minimum Error of Closure 1 in 200'

Source of Elevation Elev. at mouth of Blacklick Run = 859

- 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

Company Tacoma Mines
 Address Suite 309 May. Bldg. Oklahoma City
 Farm Davis - Wiser
 Tract Acres 23.125 Lease No. _____
 Well (Farm) No. One Serial No. 7305
 Elevation (Spirit Level) 1093'
 Quadrangle Centerpoint SC
 County Doddridge District Greenbrier
 Engineer [Signature]
 Engineer's Registration No. 1229
 File No. _____ Drawing No. _____
 Date July 16, 1973 Scale 1" =

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

WELL LOCATION MAP

FILE NO. DOD-1746

+ 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

Oil and Gas Division

WELL RECORD

Quadrangle Centerpoint

Permit No. 47-017-1746

Company Prior Oil Company
Address P.O. Box 1486, Parkersburg, W. Va.
Farm Davis Acres 23 1/8

Location (waters) Buffalo Calf
Well No. 7305 Elev. 1093
District Greenbrier County Doddridge

The surface of tract is owned in fee by
Michael Jozwick

Address Salem, W. Va.

Mineral rights are owned by Ollie Davis
et al Address Belair MD.

Drilling Commenced 7/16/73

Drilling Completed 7/73 Dowell 10/07/80

Initial open flow Show cu. ft. show bbls.

Final production 750,000 cu. ft. per day 1 bbls.

Well open 4 hrs. before test 550 RP

Well treatment details:

Dowell Frac

Attach copy of cementing record.

Rotary Cable
Revolving Water Flood
Disposal (Kind)

Case of Tubing	Length Feet	Feet in Well	Cement fill up (Cu. ft. (Sks.))
	242	242	Cement to sur face
		2276	200 sks.

Coal was encountered at N/A Feet

Fresh water 60 Feet

Producing Sand Keener; Big Injun

Salt Water
Depth 2172-2195; 2195-2233 Feet

Keener

Injun

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Soil			0	70		
Sand			70	140		
Shale			140	157		
Sand			157	223		
Shale			223	359		
Sand			359	415		
Shale			415	671		
Sand			671	804		
Shale			804	843		
Sand			843	958		
Shale			958	1054		
Sand			1054	1202		
Shale			1202	1301		
Sand			1301	1457		
Shale			1457	1511		
Sand			1511	1563		
Shale			1563	1598		
Sand			1598	1637		
Shale			1637	1650		
Lime			1650	1702		
Shale			1702	1836		
Sand			1836	1870		
Shale			1870	2037		

JAN 10 1981
(over)

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Little Lime			2037	2083		
Big Lime			2083	2172		
Keener			2172	2195	Show Oil & Gas	
Big Injun			2195	2233	Oil & Gas	
Shale			2233	2276	Total Depth	

Date _____

APPROVED

Owner

By *Charles J. [Signature]*



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
JUL 20 1973
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 16, 1973

Surface Owner Michael Jozwick

Company Tecoma Mines

Address Salem, WV

Address Clarksburg, WV

Mineral Owner Ollie Davis etal

Farm Tecoma/Davis-Wizer Acres 23 1/8

Address Belair, MD

Location (waters) Buffalo, Calif / F.R. Buepage Creek

Coal Owner Mountaineer Coal Co.

Well No. 1-7305 Elevation 1093'

Address Box 1632 Fairmont, WV

District Greenbrier County Doddridge

Coal Operator None

Quadrangle Centerpoint

Address _____

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 11-27-73

Robert [Signature]
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Blauer
Box 1857 PH: Fairmont
Calfax, W.Va. 26566 363-9105

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 Aug. 29 1960 by Ollie Davis ET UX made to C. O. Travis and recorded on the 20 day of May 1960, in Doddridge County, Book 68 Page 379

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 13 July 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, Tecoma Mines
(Sign Name) by [Signature]
Well Operator

Address
of
Well Operator

P. O. Box 1963
Street
Clarksburg
City or Town
West Virginia 26301
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.

Dodd-1746 PERMIT NUMBER
47-017 [Signature]

**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) FWA Drilling Co. RESPONSIBLE AGENT: Robert Hardebeck
 NAME FWA Drilling Co. NAME Robert Hardebeck
 ADDRESS Midland, Texas 79701 ADDRESS Clarksburg, WV
 TELEPHONE Charleston, WV 965-6541 TELEPHONE 623-5595
 ESTIMATED DEPTH OF COMPLETED WELL: 2300' 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	800	800	Circulate
7			
5 1/2		2300	100 SX
4 1/2			
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTH 90 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