



Minimum Error of Closure Lin 200

Source of Elevation Elev. Webber No. 6 - Permit No. Dod-937 = 882

- 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: *Webber*
 Squares: N S E W

Map No. _____

Company TACOMA MINES
 Address Suite 309 May - Ex Bldg, Oklahoma City, Okla.
 Farm J. E. Tacoma-Webber
 Tract _____ Acres 121 Lease No. 7201
 Well (Farm) No. One Serial No. _____
 Elevation (Spirit Level) 928
 Quadrangle Centerpoint SC
 County Doddridge District Greenbrier
 Engineer *Webber*
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date December 13, 1972 Scale 1" = 400' 650'

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

WELL LOCATION MAP
 FILE NO. Dodd-1719

+ 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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division

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39-30
8-52
2

WELL RECORD

Quadrangle Centerpoint
Permit No. Dodd 1719

Rotary X Oil X
Cable _____ Gas X NO
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind) _____

Company Tecoma Mines
Address Clarksburg, WV
Farm Webber Acres 181
Location (waters) Buffalo Calf Fork
Well No. Tecoma #1 Eley 928
District Greenbriar County Doddridge
The surface of tract is owned in fee by _____
E.L. Norton
Address Salem, WV
Mineral rights are owned by J.E. Webber
Address Morgansville, WV
Drilling Commenced 11 Jan 1973
Drilling Completed 17 Jan 1973
Initial open flow No test cu. ft. _____ bbls.
Final production 1,100,000 cu. ft. per day _____ bbls.
Well open 4 hrs. before test 375 RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10"			
9 5/8			
8 5/8	658	658	80SKS Circ
7			
5 1/2		2103	100 SX, 400'
4 1/2			
3			
2			
Liners Used			

Well treatment details:
Frac W/1025 BFW, 54000# 20/40 SD
AIP 1760#; Air 21.2 BPW

Attach copy of cementing record.

Coal was encountered at 585 Feet 84 Inches
Fresh water 30 Feet Salt Water _____ Feet
Producing Sand Big Injun Depth 2001 to 2054

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Redbeds & Sand			0	585		
Coal			585	592		
Redbeds & Sand			592	1350		
Sand			1350	1385	Water	
Shale			1385	1480		
Sand			1480	1535	Water	
Shale			1535	1620		
Sand			1620	1700	Tight	
Shale			1700	1720		
Sand			1720	1750	Shly	
Shale			1750	1825		
Lime			1825	1830		
Shale			1830	1870		
Lime-Little Lime			1870	1880	Little Lime	
Shale-Pencil Cave			1880	1910	Pencil Cave	
Lime			1910	1990	Big Lime	
<u>Limey Sand</u>			1990	2060	<u>Big Injun</u>	
Shale			2060	2114		

(over)

* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

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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 18 December, 1972

Surface Owner E.L. Norton

Company Tecoma Mines

Address Salem W. Va.

Address Oklahoma City, Okla.

Mineral Owner J.E. Webber

Farm Webber Acres 123

Address Morgansville W. Va.

Location (waters) Buffalo Calf Fork

Coal Owner Mountaineer Coal Co.

Well No. Tecoma #1 Elevation _____

Address Monongah, W. Va.

District Greenbrier County Doddridge

Coal Operator Same

Quadrangle Centerpoint

Address _____

INSPECTOR TO BE NOTIFIED Mr. Wm. Blosser
Box 1857 PH: Fairmont
Calford, W. Va. 363-9105
26566

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 4/29/73.

Robert F. Handbeck
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 _____ 19____ by _____ J.E. Webber made to Tecoma Mines 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, Tecoma Mines
(Sign Name) Robert F. Handbeck Well Operator

Address _____
of _____
Well Operator _____
3022 NW Expressway
Street
Oklahoma City
City or Town
Oklahoma, 73112
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.

BOND DRILL

Dodd-1719 PERMIT NUMBER

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

PROPOSED WORK ORDER TO X DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:
 NAME Haught NAME Robert F. Hardebeck
 ADDRESS Smithville, W. Va. ADDRESS Clarksburg, W. Va.
 TELEPHONE 477-2222 TELEPHONE 623-5545
 ESTIMATED DEPTH OF COMPLETED WELL: 2100 ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Big Injun
 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	20	20	
13 - 10			
9 - 5/8			
8 - 5/8	650	650	50 SK
7			
5 1/2			
4 1/2		2100	100 SK
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 30 FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS 600 _____
 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