



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division
WELL RECORD

RECEIVED
JUL 25 1973

39-30
2-8-53

DEPT. OF MINES

Rotary Oil
Cable Gas
Recycling Comb.
Water Flood Storage
Disposal (Kind)

Quadrangle Centerpoint

Permit No. Dodd 1720

Company Tecoma Mines
Address Clarksburg, WV
Farm Stout Acres 45 1/2
Location (waters) Greenbrier Creek
Well No. Tecoma #1 Elev. 978
District Greenbrier County Doddridge
The surface of tract is owned in fee by J. Snider Etal
Address Jacksonville, FL
Mineral rights are owned by J. Snider
Address Jacksonville, FL
Drilling Commenced 29 Jan 1973
Drilling Completed 3 Feb 1973
Initial open flow No Test cu. ft. _____ bbls.
Final production 570,000 cu. ft. per day _____ bbls.
Well open 4 hrs. before test 500 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	694	694	200 SX Circ
7			
5 1/2			
4 1/2		2180	100 SX-400'
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Frac W/ 690 BFW, 45000# 20.40 SD. Treat 16 BPM @ 2500#

Coal was encountered at 650 Feet 84 Inches
Fresh water 50 Feet Salt Water _____ Feet
Producing Sand Big Injun Depth 2092 to 2112

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Redbeds & Sand			0	1460		
Sand			1460	1485		
Shale			1485	1565		
Sand			1565	1620		
Shale			1620	1695		
Sand			1695	1755		
Shale			1755	1770		
Sand			1770	1775		
Shale			1775	1805		
Sand			1805	1825		
Shale			1825	1970		
Lime			1970	1980		Little Lime
Shale			1980	2010		Pencil Cave
Lime			2010	2085		Big Lime
<u>Big Injun</u>			2085	2150		
<u>Shale</u>			2150	2201		Total Depth

(over)

* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

DEC 29 1972
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 J. Snider etal

Company Tecoma Mines

Address Jacksonville, Florida

Address Oklahoma City, Oklahoma

Mineral Owner Same

Farm Stout Acres 45 1/2

Address _____

Location (waters) Greenbrier Creek

Coal Owner Mountaineer Coal Co.

Well No. Tecoma #1 Elevation 978'

Address Monongah, W. Va.

District Greenbrier, County Doddridge

Coal Operator Same

Quadrangle Centerpoint

Address _____

J.M. Wm.
INSPECTOR TO BE NOTIFIED Bessie
Box 1857 PH: Fairmont
Calfax, W.V. 303-9105
26508

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 5-2-73.

Robert L. Todd
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. Sandbeck, Vice Pres.
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-1720 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 623-5595 _____
 ESTIMATED DEPTH OF COMPLETED WELL: 2200 _____ ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Big Injun _____
 TYPE OF WELL: OIL _____ GAS _____ COMB. X 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	700	700	<i>In surf. 50 sx</i>
7			
5 1/2			
4 1/2		2200	100 sx
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 40 FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS 640 _____
 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