



39 25 40
80 42 40
4955
2.36W

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

CERTIFICATE

"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."

Minimum degree of accuracy is one part in 200

Signed *J. B. Shuck, P.E. 4596*

COMPANY STONE STREET LANDS Co.
 ADDRESS Box 350 SPENCER W.VA.
 FARM WILLIE MUTECKELKNAUS
 MAP _____ ACRES 495 LEASE NO. 393
 WELL (FARM) NO. Three SERIAL NO. _____
 ELEVATION (SPIRIT LEVEL) 1120 feet
 QUADRANGLE CENTER POINT NW
 COUNTY DODDRIDGE DISTRICT MCCLELLAN
 POINT OF PROVEN ELEVATION ELK LICK School EL: 761'
 FILE NO. _____ DRAWING NO. _____
 DATE 5/24/76 SCALE 1" = 500'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. DOD 1818
 AUG 19 1970
 + 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

WELL RECORD 7

Quadrangle Centerpoint

Permit No. Dodd-1818

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

Company Stonestreet Lands Company
Address Box 350 Spencer, W. Va.
Farm Mutschelknaus Acres 493
Location (waters) Laugherty Fork
Well No. 3 Elev. 936
District McClellan County Doddridge
The surface of tract is owned in fee by Willie Mutschelknaus
Address Salem, W. Va.
Mineral rights are owned by Willie Mutschelknaus
Address Salem, W. Va.
Drilling Commenced June 5, 1976
Drilling Completed June 8, 1976
Initial open flow 50,000 cu. ft. _____ bbls.
Final production 740,000 ^M cu. ft. per day _____ bbls.
Well open 24 hrs. before test. 640 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	578'	578'	cement to surface
7			
5 1/2			
4 1/2	2401'	2401'	90 sacks
3			
2			
Liners Used			

Well treatment details: Attach copy of cementing record.
2 stage - 500 bbl. water, 500 gal. 28% acid per zone.

740 MCF

Coal was encountered at _____ Feet _____ Inches
Fresh water 110 Feet _____ Salt Water _____ Feet _____
Producing Sand Big Injun & Squaw Depth 2263'-2271'; 2302'-2305'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Top Soil			0	10		
Red Rock			10	20		
Sand			20	40		
Slate			40	65		
Sand			65	75		
Red Rock			75	145		
Slate			145	230		
Sand			230	295		
Red Rock			295	310		
Slate			310	320		
Sand			320	340		
Red Rock			340	350		
Slate			350	390		
Red Rock			390	420		
Lime Shell			420	435		
Sand			435	520		
Slate & Lime			520	610		
Slate Shells			610	625		
Red Rock			625	645		
Slate & Shells			645	695		
Sand			695	720		
Slate & Shells			720	785		
Sand			785	900		
Slate & Shells			900	930		

(over)

* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Lime			930	1045		
Sand			1045	1150		
Slate & Shells			1150	1495		
Sand			1495	1515		
Slate & Shells			1515	1535		
Sand			1535	1625		
Slate & Shells			1625	1675		
Lime			1675	1725		
Sand			1725	1780		
Red Rock			1780	1790		
Slate			1790	2025		
Little Lime			2025	2058		
Blue Monday			2058	2078		
Big Lime			2078	2245		
Big Injun			2245	2268		
Squaw			2268	2278		
Shale			2278	2401		

2058
 1120

 938

Date 7-12, 19 28

APPROVED _____ Owner

By Nelson Roberts
 (Title)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

JUN 1 1976

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 5-31-76

Surface Owner Willie Mutechelknaus

Company SLCO

Address Salen, W. Va.

Address Box 350, Spencer, W. Va.

Mineral Owner Willie Mutechelknaus

Farm Willie Mutechelknaus Acres 4.95

Address Salen, W. Va.

Location (waters) Laugherty Fork

Coal Owner None

Well No. 3 Elevation 930

Address _____

District McClellan County Doddridge

Coal Operator None

Quadrangle Centerpoint

Address _____

THIS PERMIT MUST BE POSTED AT THE WELL SITE

Conditions being in accordance with Chapter 22,
W. Va. Code, the location is hereby approved
for drilling. This permit shall expire if
operations have not commenced by 10-1-76.

Robert H. Brown
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Paul Garrett
ADDRESS Clarksburg, W. Va.
PHONE: 622-3871

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 April 12 1976 by Clarence W. Mutechelknaus made to SLCO and recorded on the 16 day of April 1976, in Doddridge County, Book 101 Page 220
X 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) [Signature]
Well Operator

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

Address
of
Well Operator

Box 350
Street
Spencer
City or Town
West Virginia
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-1818

PERMIT NUMBER

47-017

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 FWA _____ NAME L. V. Stonestreet _____
 ADDRESS Elkview, W.Va. _____ ADDRESS Box 350 _____
 TELEPHONE _____ TELEPHONE Spencer, W.Va. _____
 ESTIMATED DEPTH OF COMPLETED WELL: 2150 _____ 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			
13 - 10			
9 - 5/8			
8 - 5/8	210	210	Cement to surface
7			
5 1/2			
4 1/2	2150	2150	70 sacks
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 80 FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS Possible coal between 600 & 700 ft. _____
 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