



FRACURE 11/29/77

- NEW LOCATION
- RECONDITION
- 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."

Minimum degree of accuracy is one part in 200

Signed J.B. Shank, P.E. 4596

CERTIFICATE

COMPANY STONESTREET LANDS Co.
 ADDRESS Box 350 SPENCER W. VA.
 FARM Alice Cox
 MAP _____ ACRES 136.85 LEASE NO. 748
 WELL (FARM) NO. ONE SERIAL NO. _____
 ELEVATION (SPIRIT LEVEL) 776'
 QUADRANGLE Holbrook SE
 COUNTY Gilmer DISTRICT TROY
 POINT OF PROVEN ELEVATION EL SPRINGSTON SCHOOL = 738'
 FILE NO. _____ DRAWING NO. _____
 DATE 8-17-76 SCALE 1" = 500'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
 WELL LOCATION MAP
 FILE NO. GIL-2713-FRAC
47-021
 + 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.
 DEC 15 1977



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division
WELL RECORD 3

CO-2-1576

Quadrangle Holbrook
Permit No. Gil-2713

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

Company Stonestreet Lands Company
Address Box 350 Spencer, W. Va.
Farm Alice Cox Acres 136.85
Location (waters) Leading Creek
Well No. #1 Elev. 776'
District Troy County Gilmer
The surface of tract is owned in fee by Alice Cox

Address Orlando, Florida
Mineral rights are owned by Alice Cox
Address Orlando, Florida
Drilling Commenced 8-21-76
Drilling Completed 8-25-76
Initial open flow 55,000 cu. ft. _____ bbls.
Final production 720,000^M cu. ft. per day _____ bbls.
Well open 24 hrs. before test 630 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	222'	222'	cement to surface
7			
5 1/2			
4 1/2	1948'	1948'	100 sacks
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

1 stage - 500 bbl. water, 500 gal. 15% HCL acid. 30,000 lbs. 20/40 sand.

Coal was encountered at _____ Feet _____ Inches
Fresh water 70 Feet _____ Salt Water _____ Feet _____
Producing Sand WEIR Depth 1782' - 1898'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Top Soil			0	35		
Red Rock			35	90		
Sand			90	145		
Slate			145	180		
Sand			180	235		
Red Rock			235	260		
Slate			260	325		
Sand			325	400		
Red Rock			400	465		
Slate			465	530		
Sand			530	615		
Red Rock			615	655		
Lime Shell			655	705		
Slate & Lime			705	780		
Slate & Shells			780	846		
Red Rock			846	938		
Slate & Shells			938	1010		
Sand			1010	1085		
Slate & Shells			1085	1095		
Sand			1095	1147		
Lime			1147	1188		
Sand			1188	1238		
Slate & Shells			1238	1275		

(over)

* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet ³	Bottom Feet	Oil, Gas or Water	* Remarks
Sand			1275	1350		
Slate & Shells			1350	1380		
Sand			1380	1415		
Slate & Shells			1415	1460		
Little Lime			1460	1530		
Blue Monday			1530	1540		
Big Lime			1540	1610		
Big Injun			1610	1700		
Shale			1700	1782		
Weir			1782	1898		
Shale			1898	2007		

Date October 14, 1976

APPROVED Larry T. Stonestreet, Owner

By Katina Hought
(Title)



RECEIVED
FEB 24 1978

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division
WELL RECORD

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

Quadrangle Holbrook
Permit No. GIL-2713 - FRAC

Company Merchant Properties, Inc.
Address New York, NY
Farm Alice Cox Acres 136.85
Location (waters) Leading Creek
Well No. 1 Elev. _____
District Troy County Gilmer
The surface of tract is owned in fee by Alice Cox
Address Orlando, FL
Mineral rights are owned by Alice Cox, et al
Address Orlando, FL
Frac XXXX Commenced 12-17-77
Drilling Completed _____
Initial open flow _____ cu. ft. _____ bbls.
Final production 800,000 cu. ft. per day _____ bbls.
Well open 6 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			
7			
5 1/2			
4 1/2			
3			
2			
Liners Used			

Well treatment details:
Maxton 1423-1450 767 bbl water 25,000# 40/60 sand 18,000# 20/40 sand 500 gal 15% acid
Keener & Big Injun 1648-1656 1615-1623 1522-1524
685 bbl water 20,000# 40/60 sand 22,000# 20/40 sand 500 gal 15% acid
2 stage frac - Halliburton
Set permanent plug @ 1722'

Attach copy of cementing record.

Coal was encountered at _____ Feet _____ Inches
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand _____ Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
			TD	1905'		

(over)

* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

RECEIVED
AUG 20 1976
OIL & GAS DIVISION
DEPARTMENT OF MINES

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

DATE August 19, 1976

Surface Owner Alice Cox

Company Stonestreet Lands Company

Address Orlando, Florida

Address Box 350, Spencer, W. Va.

Mineral Owner Alice Marie Cox

Farm Alice Cox Acres 136.85

Address Orlando, Florida

Location (waters) Leading Creek

Coal Owner None

Well No. 1 Elevation 776'

Address _____

District Troy County Gilmer

Coal Operator None

Quadrangle Belbrook

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 12-20-76

INSPECTOR
TO BE NOTIFIED Paul Goodnight

ADDRESS Smithville, West Virginia

PHONE 477-2455

[Signature]
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 August 6, 19 76 by Alice Cox made to Stonestreet Lands Co. and recorded on the 16th day of August 19 76, in Gilmer County, Book 284 Page 453

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.

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA GEOLOGICAL AND
ECONOMIC SURVEY
P. O. BOX 879
MORGANTOWN, WEST VIRGINIA 26505
AC-304 - 292-6331

Address
of
Well Operator

Very truly yours,
(Sign Name) [Signature]

Well Operator
P. O. Box 350
Street
Spencer,
City or Town
West Virginia 25276
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

GIL-2713 PERMIT NUMBER

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

Signed by [Signature]

47-021

**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 Not known at this time. NAME Larry V. Stonestreet
 ADDRESS _____ ADDRESS Box 350, Spencer, W.Va.
 TELEPHONE _____ TELEPHONE 927-2800
 ESTIMATED DEPTH OF COMPLETED WELL: 2200' ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Big Injua
 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	220'	220'	Cement to surface.
7			
5 1/2			
4 1/2	2200'	2200'	70 sks.
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 75 FEET SALT WATER _____ FEET
 APPROXIMATE COAL DEPTHS None
 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