



- 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 A. S. Shuck, P.E. 4596

COMPANY STONE STREET LANDS Co
 ADDRESS Box 350 SPENCER W. Va.
 FARM ALVIN COLLINS J.M. BARKER
 MAP _____ ACRES 46 LEASE NO. 503
 WELL (FARM) NO. 1 SERIAL NO. _____
 ELEVATION (SPIRIT LEVEL) 1010 feet
 QUADRANGLE HARRISVILLE EC
 COUNTY Ritchie DISTRICT MURPHY
 POINT OF PROVEN ELEVATION INDIAN Run School EL: 725
 FILE NO. _____ DRAWING NO. _____
 DATE 6/16/76 SCALE 1" = 500'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE No. **RIT-3637**
 + 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. **47-085**
 - DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING.

2200' Big Injun 6-6 Mahone (124)

JUN 30 1976



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle Harrisville

Permit No. Rit-3637

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

Company Stonestreet Lands Company
Address Box 350 Spencer, W. Va.
Farm James M. Barker Acres 46
Location (waters) King Knob Run
Well No. 1 Elev. 1010'
District Murphy County Ritchie
The surface of tract is owned in fee by James M. Barker
Address Smithville, W. V.
Mineral rights are owned by Alvin Collins
Address Smithville, W. Va.
Drilling Commenced July 1, 1976
Drilling Completed July 5, 1976
Initial open flow 65,000 cu. ft. _____ bbls.
Final production 750,000 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	201'	201'	cement to surface
7			
5 1/2			
4 1/2	2132'	2132'	100 sacks
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

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

750 MCF

Coal was encountered at _____ Feet _____ Inches
Fresh water 100 Feet _____ Salt Water _____ Feet _____
Producing Sand Big Injun Depth 2004' - 2053'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Top Soil			0	20		
Red Rock			20	50		
Sand			50	85		
Slate			85	111		
Sand			111	155		
Red Rock			155	180		
Slate			180	225		
Sand			225	290		
Red Rock			290	305		
Slate			305	330		
Sand			330	390		
Red Rock			390	445		
Lime Shells			445	500		
Sand			500	565		
Slate & Lime			565	606		
Slate & Shells			606	676		
Red Rock			676	725		
Slate & Shells			725	790		
Sand			790	835		
Slate & Shells			835	950		
Sand			950	1060		
Slate & Shells			1060	1195		
Lime			1195	1265		

(over)

* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet/4	Bottom Feet	Oil, Gas or Water	* Remarks
Sand			1265	1355		
Slate & Shells			1355	1440		
Sand			1440	1500		
Slate & Shells			1500	1555		
Sand			1555	1680		
Lime			1680	1720		
Sand			1720	1775		
Red Rock			1775	1800		
Slate			1800	1835		
Little Lime			1835	1865		
Blue Monday			1865	1875		
Big Lime			1875	2007		
Big Injun			2007	2030		
Squaw			2030	2085		
Shale			2085	2132		

Date August 3, 19 76

APPROVED Ray W. Stover, Owner

By Patricia Blaight
(Title)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE June 16, 1976

Surface Owner James M. Barker
Address Smithville, W. Va.
Mineral Owner Alvin Collins
Address Smithville, W. Va.
Coal Owner None
Address _____
Coal Operator None
Address _____

Company Stonestreet Lands Company
Address Box 350 Spencer, W. Va.
Farm James M. Barker Acres 46
Location (waters) King Knob Run
Well No. One Elevation 1010'
District Murphy County Ritchie
Quadrangle Harrisville

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 10-22-76

[Signature]
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Paul Goodnight
PH: 477-2455 ADDRESS Smithville, W. Va.

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 20, 1975 by Dale Wolfe made to Glenn L. Haught subsequently assigned to Stonestreet Lands Co. and recorded on the 18th day of May 19 76 in Ritchie County, Book 120 Page 769

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, W. Va. 26505

Very truly yours, [Signature]
(Sign Name) _____
Well Operator

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.

Rit-3637 PERMIT NUMBER
47-085

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) _____ RESPONSIBLE AGENT: _____
 NAME Glenn L. Haught _____ NAME Larry V. Stonestreet _____
 ADDRESS Smithville, W. Va. _____ ADDRESS Box 350 Spencer, W. Va. _____
 TELEPHONE _____ TELEPHONE 927-2800 _____
 ESTIMATED DEPTH OF COMPLETED WELL: 2200' _____ 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	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 70 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