



FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1/500  
 MINIMUM DEGREE OF ACCURACY 1/200  
 PROVEN SOURCE OF ELEVATION WELL B 37-1

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.  
 (SIGNED) Gregory A. Smith  
 R.P.E. \_\_\_\_\_ L.L.S. 677



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 FORM IV-6 (8-78)



DATE DECEMBER 18, 19 79  
 OPERATOR'S WELL NO. B 49-2  
 API WELL NO. 47-017-2555  
 STATE 47 COUNTY 017 PERMIT 2555

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

WELL TYPE: OIL \_\_\_ GAS  LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION \_\_\_ STORAGE \_\_\_ DEEP  SHALLOW \_\_\_  
 LOCATION: ELEVATION 898.5 NG WATER SHED WOLF PEN RUN  
 DISTRICT WEST UNION COUNTY DODDRIGE  
 QUADRANGLE WEST UNION 7.5' + 15' QUAD  
 SURFACE OWNER HIRAM SMITH ACREAGE 115  
 OIL & GAS ROYALTY OWNER SMITH HEIRS LEASE ACREAGE 115  
 LEASE NO. \_\_\_\_\_  
 PROPOSED WORK: DRILL  CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
 PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION ELK ESTIMATED DEPTH 5400  
 WELL OPERATOR GENE STALNAKER DESIGNATED AGENT GENE STALNAKER  
 ADDRESS LETTERGAP W.V. ADDRESS LETTERGAP W.V.



*Handwritten signature*

JAN 24 1980

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division DEPT. OF MINES

WELL RECORD

Quadrangle West Union  
Permit No. 47-017-2555

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

Company GENE STALNAKER, INC.  
Address Letter Gap, WV 25255  
Farm Smith Acres 115  
Location (waters) Wolf Pen Run  
Well No. B-39-2 Elev. 898.5  
District West Union County Doddridge  
The surface of tract is owned in fee by Hiram Smith  
Address West Union, WV  
Mineral rights are owned by Lourie Smith et al  
Address West Union  
Drilling Commenced 12-31-79  
Drilling Completed 1-7-80  
Initial open flow 950,000 cu. ft. \_\_\_\_\_ bbls.  
Final production \_\_\_\_\_ cu. ft. per day \_\_\_\_\_ bbls.  
Well open 3 hrs. before test 1430 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	1595'	1595'	360 sks.
7			
5 1/2			
4 1/2		5277'	190 sks.
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Coal was encountered at \_\_\_\_\_ Feet \_\_\_\_\_ Inches  
Fresh water 50 Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand Speechley, Riley, Benson, Alexander. Depth 3348-3360, 4334-4438, 4836-4864, 5106-5176.

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
No Record			0	1700		
Slate			1700	1720		
Little Lime			1720	1736		
Pencil Cave			1736	1744		
Big Lime			1744	1864		
Keener Sand			1864	1926		
Big Injun			1926	1982		
Shale			1982	2122		
Weir Sand			2122	2212		
Slate			2212	2318		
Berea Sand			2318	2338		
Slate			2338	2536		
Gordon Sand			2536	2578		
Shale			2578	2614		
Gordon Stray			2614	2632		
Shale			2632	3210		
Warren Sand			3210	3252		
Shale			3252	3348		
Speechley			3348	3360		
Shale			3360	4334		
Riley Sand			4334	4438		
Shale			4438	4836		
Benson			4836	4864		

Formation	Color	Hard or Soft	Top Feet <sup>25</sup>	Bottom Feet	Oil, Gas or Water	* Remarks
Shale <u>Alexander</u> Slate			4864 5106 5176	5106 5176 TD		

Date January 23, 19 80

APPROVED *[Signature]* Owner



RECEIVED

DEC 19 1979

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL & GAS DIVISION

Oil and Gas Division

DEPT. OF MINES

# OIL AND GAS WELL PERMIT APPLICATION

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

DATE December 19, 1979

Surface Owner Hiram Smith Company GENE STALMAKER, INC.  
 Address West Union, WV Address Letter Gap, WV 25256  
 Mineral Owner Smith Heirs (Lourie Smith et als) Farm Smith Heirs Acres 115  
 Address West Union, WV Location (waters) Wolf Pen Run  
 Coal Owner N/A Well No. D-39-2 Elevation 698.5  
 Address \_\_\_\_\_ District West Union County Doddridge  
 Coal Operator N/A Quadrangle West Union  
 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 8-19-80.

INSPECTOR  
 TO BE NOTIFIED Paul Garrett  
 ADDRESS Clarksburg, WV  
 PHONE 622-3671

*Robert L. Bell*  
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 November 20, 1978 by Lourie Smith et als made to S & K Land Co. and recorded on the 10 day of January 1979, in Doddridge County, Book 106 Page 775

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) Gene Stalmaker  
GENE STALMAKER, INC. Well Operator  
Box 9

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

Street  
Letter Gap  
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.

47-017-2555

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 \_\_\_\_\_

BLANKET BOND

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

PROPOSED WORK ORDER TO XX DRILL \_\_\_\_\_ DEEPEN \_\_\_\_\_ FRACTURE-STIMULATE \_\_\_\_\_  
 DRILLING CONTRACTOR: (If Known) \_\_\_\_\_ RESPONSIBLE AGENT: \_\_\_\_\_  
 NAME unknown at this time \_\_\_\_\_ NAME Gene Stahmer \_\_\_\_\_  
 ADDRESS \_\_\_\_\_ ADDRESS Box 9, Lottor Gap, WV 26025 \_\_\_\_\_  
 TELEPHONE \_\_\_\_\_ TELEPHONE 482-7397 \_\_\_\_\_  
 ESTIMATED DEPTH OF COMPLETED WELL: 5400' \_\_\_\_\_ ROTARY XX \_\_\_\_\_ CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: ETK \_\_\_\_\_  
 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 CHASE UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8			
8 - 5/8	<u>500'</u>	<u>500'</u>	
7			
5 1/2			
4 1/2	<u>5400'</u>	<u>5400'</u>	
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 200 FEET \_\_\_\_\_ SALT WATER \_\_\_\_\_ FEET \_\_\_\_\_  
 APPROXIMATE COAL DEPTHS \_\_\_\_\_  
 IS COAL BEING MINED IN THE AREA? \_\_\_\_\_ 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