



RECEIVED

OCT 18 1977

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

WELL RECORD 31

Quadrangle WOLF SUMMIT
Permit No. HAR-1085

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

Company <u>Scott Enterprises, Inc.</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>P.O. Box 112, Salem, WV 26426</u>	Size			
Farm <u>B. Brown</u> Acres <u>300</u>	20-16			
Location (waters) <u>Limestone Run</u>	Cond.			
Well No. <u>B-1002 (S-219)</u> Elev. <u>1255'</u>	13 1/2 <u>11 3/4</u>	160	160	110 sacks
District <u>Coal</u> County <u>Harrison</u>	<u>9 5/8</u>			
The surface of tract is owned in fee by <u>Lena Brown</u>	<u>8 5/8</u>	1260	1260	340 sacks
Address <u>Rt. 4, Clarksburg, WV 26301</u>	7			
Mineral rights are owned by <u>B. Brown</u>	<u>5 1/2</u>			
Address <u>Clarksburg, WV</u>	<u>4 1/2</u>	4653	4653	325 sacks
Drilling Commenced <u>7-5-77</u>	3			
Drilling Completed <u>7-11-77</u>	2			
Initial open flow <u>Show gas</u> cu. ft. _____ bbls.	Liners Used			
Final production <u>822M</u> cu. ft. per day _____ bbls.				
Well open <u>12</u> hrs. before test <u>1050</u> RP.				

Well treatment details: Attach copy of cementing record.
BENSON FRAC: Perforations 4560-74 18 holes
45,000# 20-40 sand; 500 gal. 15% acid; 600 bbls. water.
6 holes.
BALLTOWN FRAC: Perforations 3437-42 6 holes; 3452-54 4 holes; 3460-64
45,000# 20-40 sand; 500 gal. 15% acid; 600 bbls. water.

Coal was encountered at 585-89, 730-33 Feet _____ Inches _____
 Fresh water Damp at 520 Feet _____ Salt Water None Feet _____
 Producing Sand Benson, Balltown Depth 4560-74, 3437-64

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Clay			0	20		
Sand			20	80		
Sandy shale			80	115		
Sand			115	136		
Open Mine			136	138		
Shale			138	405		
Sand			405	445		
Sandy shale			445	485		
Sand			485	530		Hole damp at 520
Sandy shale			530	585		
COAL			585	589		
Sandy shale			589	670		
Sand			670	705		
Sandy shale			705	730		
COAL			730	733		
Sand			733	860		
Sandy shale			860	940		
Sand			940	960		
Sand & shale			960	1075		
Red shale			1075	1420		
Limey shale			1420	1530		
* BIG LIME			1530	1580		
* BIG INJUN			1580	1690		

(over)

* Indicates Electric Log tops in the remarks section.

OCT 25 1977

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
			1690	2090		
* FIFTY FOOT SAND			2090	2170		
Shaley Sand			2170	2525		
* FIFTH SAND			2525	2570		
Gray shale			2570	3130		
* SPEECHLEY			3130	3150		
Sandy shale			3150	3430		
* BALLTOWN			3430	3470		Show of gas
Gray shale			3470	3950		
Brown shale			3950	4550		
* BENSON SAND			4550	4580		Increase in gas flow
Shale			4580	4675		
T D				4675		

Date October 18, 1977

APPROVED Scott Enterprises, Inc., Owner

By Donald O. Kausa, Eng.
(Title)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

RECEIVED
JUL - 1 1977
OIL & GAS DIVISION
DEPT. OF MINES

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

DATE July 1, 1977
Company Scott Enterprises, Inc.
Address P.O. Box 112, Salem, WV 26426
Farm B. Brown Acres 300
Location (waters) Limestone Run
Well No. B-1002 (S-219) Elevation 1255'
District Coal County Harrison
Quadrangle Wolf Summit 78

Surface Owner Lena Brown
Address Rt. 4, Clarksburg, WV 26301
Mineral Owner B. Brown
Address Clarksburg, WV 26301
Coal Owner No coal
Address _____
Coal Operator No coal
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 11-1-77

INSPECTOR Paul Garrett
TO BE NOTIFIED _____
ADDRESS Clarksburg, West Virginia
PHONE 622-3871

[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 June 28 1909 by B. Brown made to Hope Natural Gas Co. and recorded on the _____ day of _____

19____, in _____ County, Book 176 Page 385

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.

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, SCOTT ENTERPRISES, INC.
(Sign Name) by - Donald Q. Kausser
Well Operator
P.O. Box 112
Street
Salem
City or Town
West Virginia 26426
State

HAR-1085 PERMIT NUMBER

47-033

"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 Donald Q. Kausser

BLANKET BOND

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 S.W. Jack Drilling Company NAME Scott Enterprises, Inc.
 ADDRESS Buckhannon, WV 26201 ADDRESS P.O. Box 112, Salem, WV 26426
 TELEPHONE 472-2161 TELEPHONE 782-2523
 ESTIMATED DEPTH OF COMPLETED WELL: 4675 ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Benson
 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 <u>11 3/4"</u>	<u>200</u>	<u>200</u>	<u>To surface</u>
8 - 5/8	<u>1365</u>	<u>1365</u>	<u>To surface</u>
7			
5 1/2			
4 1/2	<u>4675</u>	<u>4675</u>	<u>150 sacks</u>
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 70, 130 FEET SALT WATER _____ FEET
 APPROXIMATE COAL DEPTHS No coal
 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