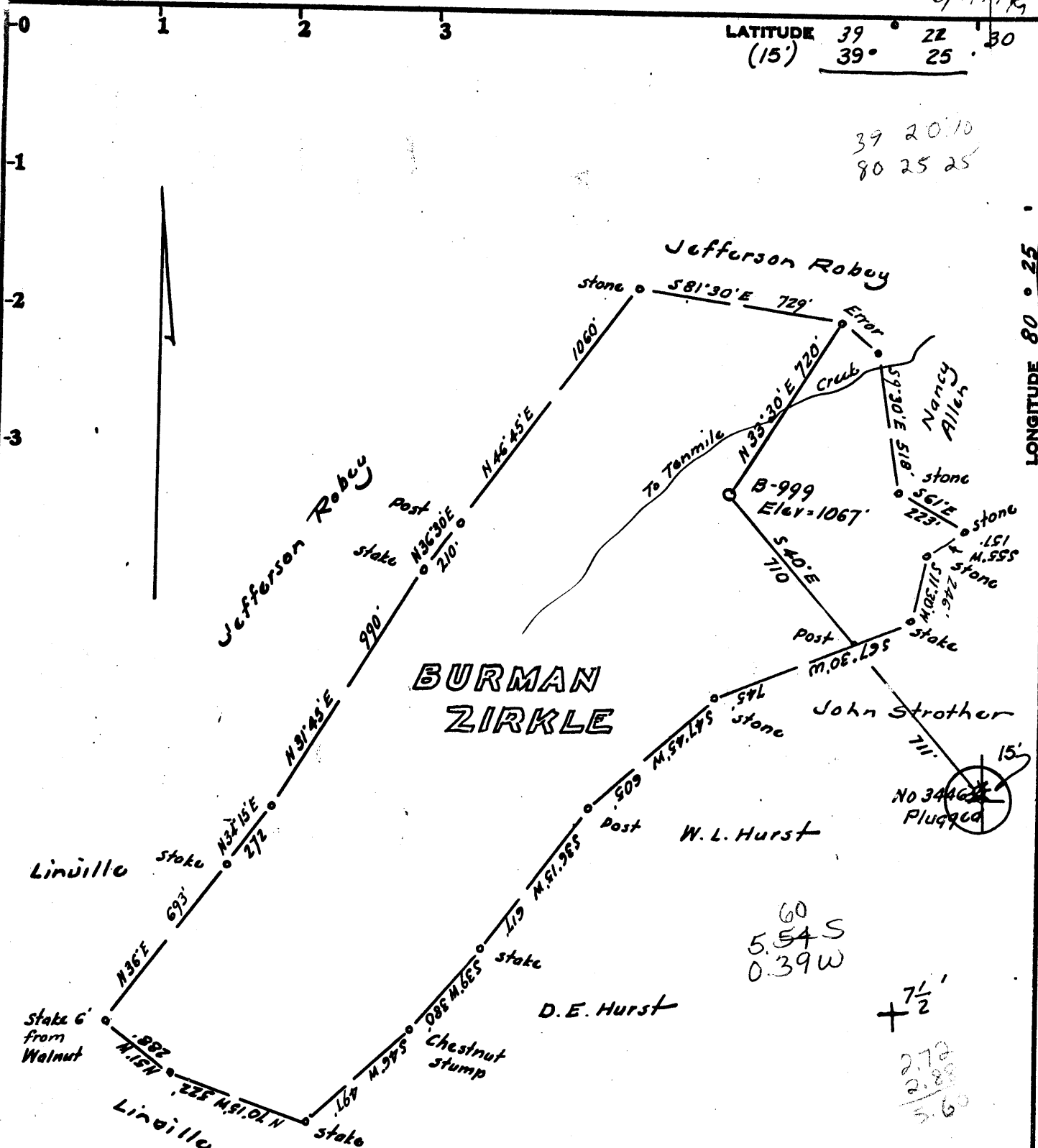


6/1/77

LATITUDE 39 22 30
(15') 39 25 30

39 20 10
90 25 25

LONGITUDE 80 25



Minimum Error of Closure 1 in 200

Source of Elevation USGS elev at point on Katy Lick

Road at Sardis = 968

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.

- Fracture.....
- New Location.....
- Drill Deeper.....
- Abandonment.....

Signed: [Signature]
Squares: N S E W

Map No.

Company Scott Enterprises, Inc.
 Address Salem, West Va.
 Farm Burman Zirkle, NORVAL D. NEWTON
 Tract _____ Acres 79.79 Lease No. _____
 Well (Farm) No. B-999 Serial No. S-213
 Elevation (Spirit Level) 1067 WC
 Quadrangle Wolf Summit 7 1/2 CLARKSBURG 15'
 County Harrison District Sardis
 Engineer [Signature]
 Engineer's Registration No. 1227 LLS 200
 File No. _____ Drawing No. _____
 Date May 29, 1977 Scale 1" = 500'

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON

WELL LOCATION MAP

FILE NO. HAR-1067

+ 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.

JUN 21 1977

— Denotes one inch spaces on border line of original tracing.

47-033



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD 27

RECEIVED

OCT 13 1977

DEPARTMENT OF MINES

Quadrangle WOLF SUMMIT

Permit No. HAR-1067

Rotary Oil _____
Cable _____ Gas
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. Zirkle</u> Acres <u>80</u>	20-16			
Location (waters) <u>TenMile Run</u>	Cond.			
Well No. <u>B-999 (S-213)</u> Elev. <u>1067'</u>	12 1/2 11 3/4	35	35	Sand in
District <u>Sardis</u> County <u>Harrison</u>	9 5/8			
The surface of tract is owned in fee by _____	8 5/8	1054	1054	260 sacks
<u>Norval D. Newlon</u>	7			
Address <u>Rt. 4, Box 169, Clarksburg, WV</u>	5 1/2			
Mineral rights are owned by <u>B. Zirkle</u>	4 1/2	4552	4552	267 sacks
Address <u>Sardis, WV</u>	3			
Drilling Commenced <u>6-7-77</u>	2			
Drilling Completed <u>6-12-77</u>	Liners Used			
Initial open flow <u>Show gas</u> cu. ft. _____ bbls.				
Final production <u>531M</u> cu. ft. per day _____ bbls.				
Well open <u>12</u> hrs. before test <u>1350</u> RP.				

Well treatment details: Attach copy of cementing record.
BENSON FRAC: Perforations 4460-70 - 18 holes
45,000# 20-40 sand; 500 gal. 15% acid; 600 bbls. water.

BALLTOWN FRAC: Perforations 3304-10 - 7 holes; 3318-28 - 7 holes.
45,000# 20-40 sand; 500 gal. 15% acid; 600 bbls. water.

Coal was encountered at 155-57, 440-46, 805-10, 875-80 Inches
 Fresh water 330, 985 Feet Salt Water 1025 Feet
 Producing Sand Benson, Balltown Depth 4460-70, 3304-28

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
White sand			0	85		
Sand & shale			85	120		
Sand			120	155		
COAL			155	157		
Sand			157	175		
Sandy shale			175	330		Hole damp at 330
Sand			330	360		
Shaley sand			360	440		
COAL			440	446		
Shale			446	515		
Sand			515	630		
Shale			630	770		
Sand			770	805		
COAL			805	810		
Sand			810	875		
COAL			875	880		
Sand			880	885		
Gray shale			885	925		
Sand			925	1030		1" stream water at 985
Shale			1030	1370		2" stream- increase water 102
* BIG LIME			1370	1460		
* BIG INJUN			1460	1510		
* POCONO			1510	1550		

(over)

* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
			1550	1975		
* FIFTY FOOT SAND			1975	2045		
			2045	2160		
* GORDON SAND			2160	2240		
			2240	2400		
* FIFTH SAND			2400	2415		
			2415	3290		
* BALLTOWN			3290	3330	Show gas	
			3330	3950		
			3950	4455		
* BENSON SAND			4455	4472	Show gas	
			4472	4576		
T D				4576		

Date October 17, 1977

APPROVED Scott Enterprises, Inc., Owner

By Ronald O. Guss, Eng
(Title)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

RECEIVED

JUN - 1 1977

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

DATE May 24, 1977

Surface Owner Forval D. Newlon

Company Scott Enterprises, Inc.

Address Rt. 4, Box 109, Clarksburg

Address P.O. Box 112, Salem, WV 26426

Mineral Owner B. Sirkle

Farm B. Sirkle Acres 30

Address Wardie, WV

Location (waters) Tennile Run

Coal Owner Below the coal

Well No. D-999 S-2/3 Elevation 1067'

Address _____

District Wardie County Harrison

Coal Operator None

Quadrangle Wolf Summit 7 1/2"

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 10-1-77

INSPECTOR
TO BE NOTIFIED Paul Garrett

ADDRESS Clarksburg, WV

PHONE 622-3671

[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 October 30 1969 by B. Sirkle made to Hope Natural Gas and recorded on the _____ day of _____ 19____, in _____ County, Book 966 Page 693

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) Donald O. Kaus
Well Operator

P.O. Box 112
Street
Salem
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

HAR-1067 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."

47-033

Signed by Donald O. Kaus

**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 S.H. Jock Company NAME Scott Enterprises, Inc.
 ADDRESS Buckhannon, WV ADDRESS P.O. Box 112, Salem, WV 26420
 TELEPHONE 472-2161 TELEPHONE 702-2523
 ESTIMATED DEPTH OF COMPLETED WELL: 4450 ROTARY _____ CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Benson
 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	340	340	To surface
7			
5 1/2			
4 1/2	4450	4450	150 sacks
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 445, 350 FEET SALT WATER _____ FEET
 APPROXIMATE COAL DEPTHS Below the 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