

LONGITUDE 80° 25'

Minimum Error of Closure 1 in 200

Source of Elevation Elev. at forks of road - road to Jarvisville = 1097

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]
 Square: N S E W

Map No.

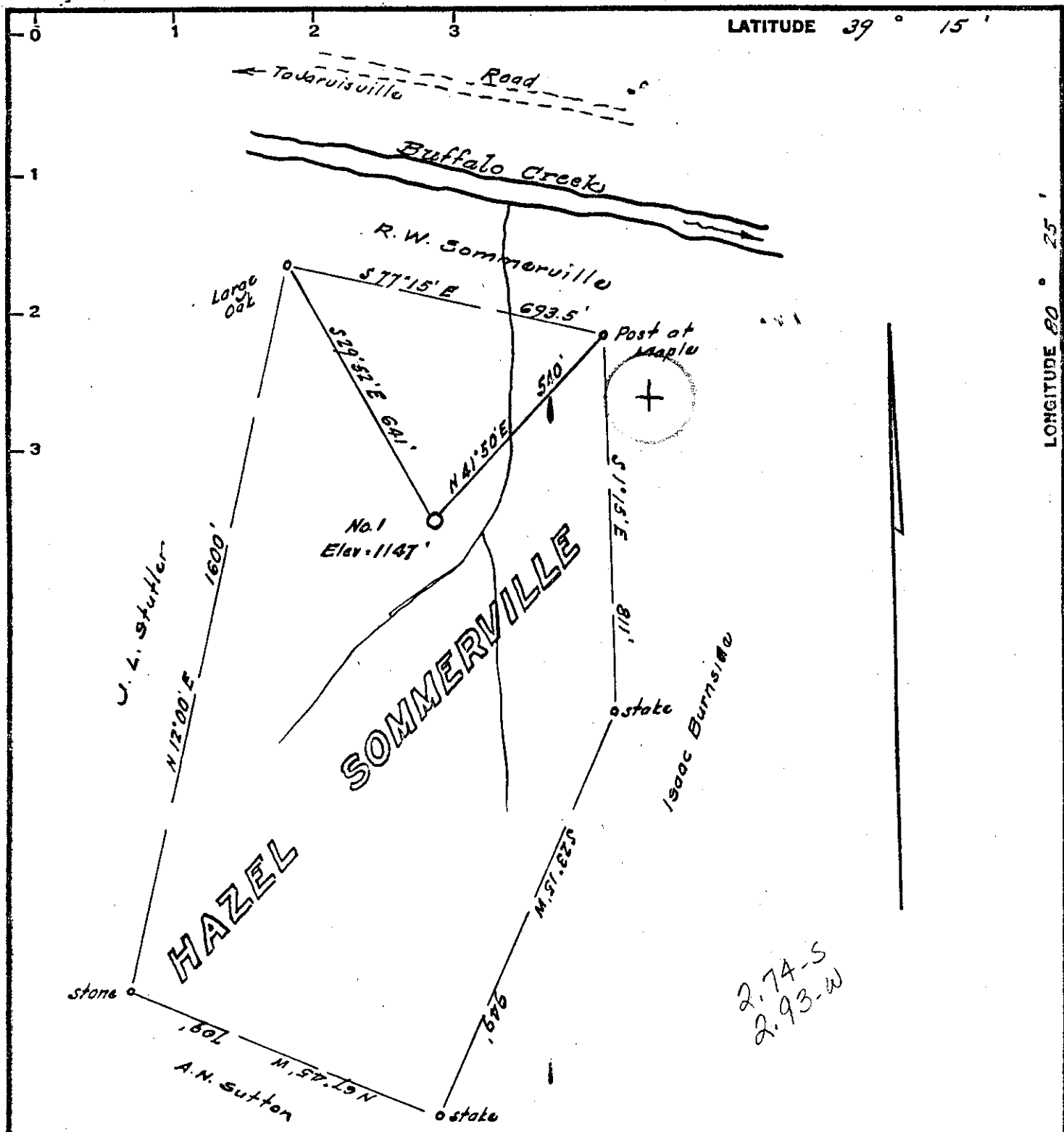
Company James E. Scott
 Address Salem, West Va.
 Farm Hazel Somerville
 Tract _____ Acres 30.127 Lease No. _____
 Well (Farm) No. One Serial No. _____
 Elevation (Spirit Level) 1147 NW1
 Quadrangle Waston (West Milford 7.5')
 County Harrison District Union
 Engineer [Signature]
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date May 9, 1969 Scale 1" = 300'

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

JUL 23 1969

WELL LOCATION MAP
 FILE NO. HAR-521-DD

+ 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.



2.74-S
2.93-W

Minimum Error of Closure 1 in 200
 Source of Elevation Elev. at forks of road - road to Jarvisville = 1097

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 8 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

Company Scott Enterprises, Inc. James F. Scott
 Address Salem, West Va.
 Farm Hazel Somerville
 Tract _____ Acres 30.127 Lease No. _____
 Well (Farm) No. One Serial No. _____
 Elevation (Spirit Level) 1147
 Quadrangle Waston **NW**
 County Harrison District Union
 Engineer [Signature]
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date May 9, 1969 Scale 1" = 300'

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

WELL LOCATION MAP
 FILE NO. HAR-521

+ 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.
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AUG 14 1984



IV-35
(Rev 8-81) OIL & GAS DIVISION
DEPT. OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division

Date August 1, 1984
Operator's
Well No. S-125
Farm Hazel Sommerville
API No. 47 - 033 - 0521 D

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas x / Liquid Injection / Waste Disposal /
(If "Gas," Production x / Underground Storage / Deep / Shallow /)

LOCATION: Elevation: 1147 Watershed Buffalo Creek
District: Union County Harrison Quadrangle West Milford

COMPANY James F. Scott
ADDRESS P. O. Box 112, Salem, WV 26426
DESIGNATED AGENT Darrel Wright
ADDRESS P. O. Box 112, Salem, WV 26426
SURFACE OWNER James M. Jarvis
ADDRESS P. O. Box 967, Clarksburg, WV 26301
MINERAL RIGHTS OWNER James M. Jarvis
ADDRESS P. O. Box 967, Clarksburg, WV 26301
OIL AND GAS INSPECTOR FOR THIS WORK Stephen Casey ADDRESS Jane Lew, WV 26378
PERMIT ISSUED July 18, 1984
DRILLING COMMENCED July 21, 1984
DRILLING COMPLETED July 26, 1984

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"			
9 5/8			
8 5/8		838	to surface
7			
5 1/2			
4 1/2		3303	300 sks
3			
2			
Liners used			

IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON _____

GEOLOGICAL TARGET FORMATION _____ Depth _____ feet
Depth of completed well 3504 feet Rotary / Cable Tools _____
Water strata depth: Fresh _____ feet; Salt _____ feet
Coal seam depths: _____ Is coal being mined in the area? _____

OPEN FLOW DATA
Producing formation Balltown Pay zone depth 3270-3295 feet
Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d
Final open flow 103 Mcf/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ hours

Static rock pressure _____ psig (surface measurement) after _____ hours shut in
(If applicable due to multiple completion--)

SEP 24 1984

Second producing formation _____ Pay zone depth _____ feet
Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ Mcf/d Oil: Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ hours
Static rock pressure _____ psig (surface measurement) after _____ hours shut in

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Balltown 3270-3295
433

Shot with 35 quarts

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all free and salt water, coal, oil and gas
Shale			3315	3270	
433 <u>Balltown</u>			3270	3295	
Shale			3295	<u>3504 TD</u>	3504 new TD 3315 old TD <u>189 DD ftg.</u>

(Attach separate sheets as necessary)

James F. Scott
Well Operator
By: James F. Scott
Date: August 1, 1984



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle Weston
Permit No. HAR- 521

WELL RECORD

Oil or Gas Well Oil & Gas
(KIND)

Company Scott Enterprises, Inc.
Address Salem, West Virginia
Farm Hazel Sommerville Acres 30+
Location (waters) _____
Well No. 1 (S-125) Elev. 1147
District Union County Harrison
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by Hazel Sommerville
Address Wolf Summit, W. Va.
Drilling commenced 5-21-69
Drilling completed 5-26-69
Date Shot From _____ To _____
With _____
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS) _____
WELL FRACTURED (DETAILS) 60,000 lbs. of sand with 1200 bbls. of water
RESULT AFTER TREATMENT (Initial open Flow or bbls.) 539 MCF and Oil 539,000
ROCK PRESSURE AFTER TREATMENT 1010# HOURS 24
Fresh Water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand Speechley Depth 3211

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			Size of
10			Depth set
8 1/4	838	838	
6 3/8			
5 3/16			Perf. top <u>3211</u>
4 1/2	3303	3303	Perf. bottom <u>3214</u>
3			Perf. top _____
2 Tubing	3171	3171	Perf. bottom _____
Liners Used			

Attach copy of cementing record.
CASING CEMENTED 4 1/2" SIZE 3303 No. 5/26/69 Date
Amount of cement used (bags) 300
Name of Service Co. Dowell
COAL WAS ENCOUNTERED AT 165 FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface soil			0	15			
Shale			15	45			
Sand			45	70			
Shale			70	110			
Sand & shale			110	165			
Coal			165	170			
Red rock			170	205			
Sand & shale			205	240			
Sand			240	305			
Sand & shale			305	480			
Red rock			480	530			
Sand			530	695			
Sandy shale			695	750			
Shale			750	870			
Sand			870	930			
Shale			930	1050			
Red rock			1050	1130			
Sandy shale			1130	1260			
Lime - <u>Big lime</u>			1260	1340			
Sand - <u>Big lime</u>			1340	1410			
Sandy Lime			1410	1590			
Shale			1590	1670			
Sand			1670	1760			
Sand & shale			1760	1840			
Red rock			1840	1905			
Sand			1905	1960			
Shale			1960	2130			
Red rock			2130	2200			

Formation	Color	Hard or Soft	Top ⁷	Bottom	Oil, Gas or Water	Depth Found	Remarks
Red rock & shale			2200	2270			
Sand ^{5th}			2270	2320			
Sand & shale			2320	2510			
Lime			2510	2620			
Red rock			2620	2790			
Shale			2790	3180			
Red rock	<i>Speckley</i>		3180	3260			
Shale			3260	3315			
T D				3315			

Date June 20, 1969
 APPROVED J. Ann F. Scott, Owner
 By pro. (Title)



1) Date: June 27, 19 84
 2) Operator's Well No. S-125 Hazel Sommerville
 3) API Well No. 47 033-0521 DD
 State County Permit

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION
 APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil / Gas /
 B (If "Gas", Production / Underground storage Deep Shallow
 5) LOCATION: Elevation: 1147 Watershed: Buffalo Creek
 District: Union County: Hardy Quadrange: Weston West 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100
 6) WELL OPERATOR James F. Scott 7) DESIGNATED AGENT Darrel Wright
 Address P. O. Box 112 Address P. O. Box 112
Salem, WV 26426 Salem, WV 26426
 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Stephen Casey Name _____
 Address Route 2, Box 232-D Address _____
Jane Lew, WV 26378
 10) PROPOSED WELL WORK: Drill / Drill deeper / Redrill / Stimulate
 Plug off old formation / Perforate new formation
 Other physical change in well (specify) _____
 11) GEOLOGICAL TARGET FORMATION, Balltown
 12) Estimated depth of completed well, 3500 feet
 13) Approximate trata depths: Fresh, _____ feet; salt, _____ feet.
 14) Approximate coal seam depths: 165 Is coal being mined in the area? Yes No

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 DEPT. OF MINES

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used		
Conductor							Kinds
Fresh water							
Coal							Sizes
Intermediate	<u>8 1/2</u>					<u>838</u>	<u>to surface</u>
Production	<u>4 1/2</u>					<u>3303</u>	<u>300 sks</u>
Tubing							<u>EXISTING</u>
Liners							Perforations: Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-033-0521-DD Date July 18, 19 84

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector, (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.

Permit expires July 18, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee
<u>BLANKET</u>	<u>lp</u>	<u>mh</u>	<u>mh</u>	<u>2338</u>

Margaret J. Hasser
 Administrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.