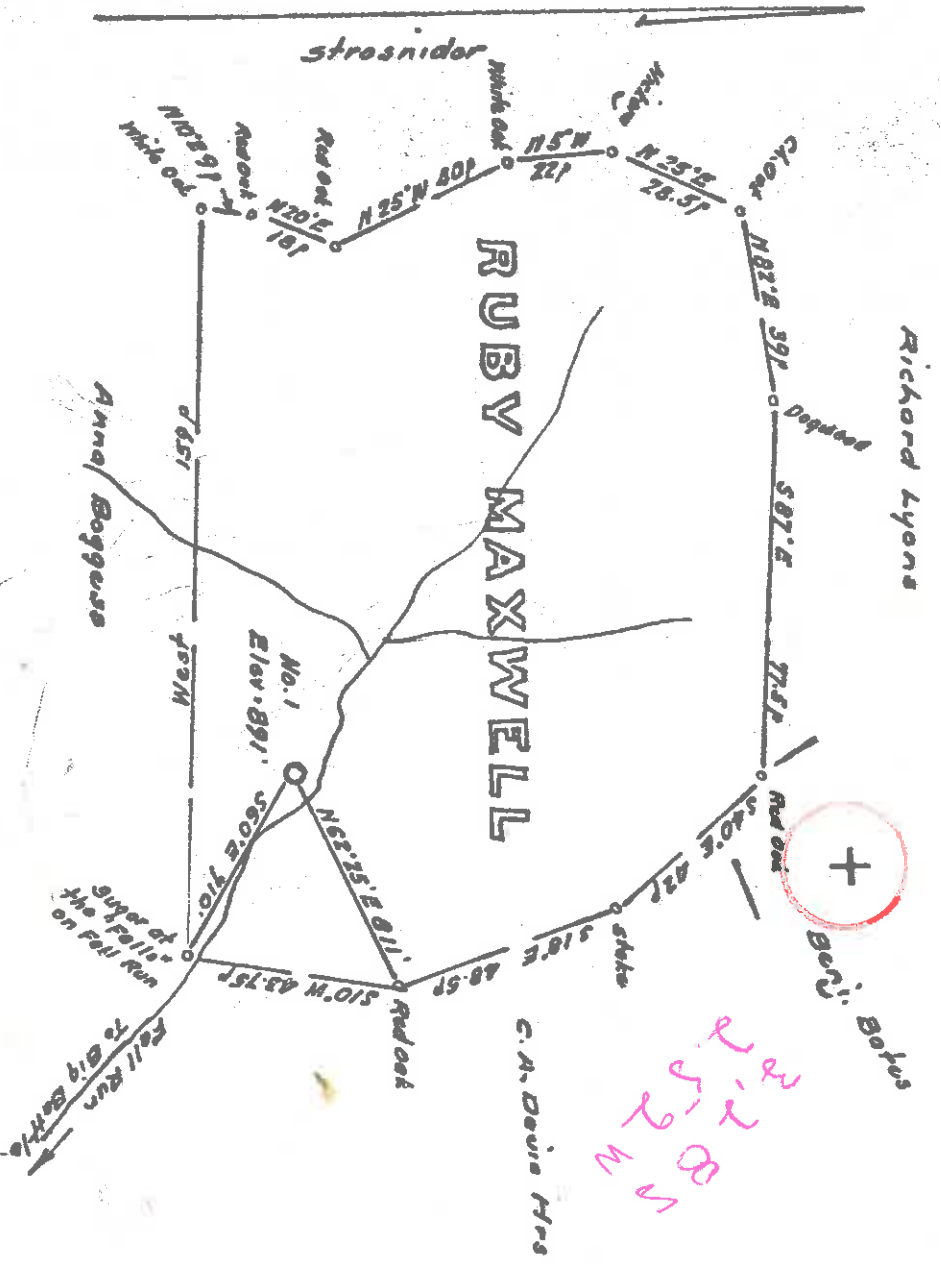


LATITUDE 39° 25'

LONGITUDE 80° 35'



Minimum Error of Closure 1 in 200
 Source of Elevation U.S.G.S. B.M. of Centerpoint - 790

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: Michael S.
 Squares: N S E W

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

WELL LOCATION MAP

FILE NO. DOP- 1579

+ 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.

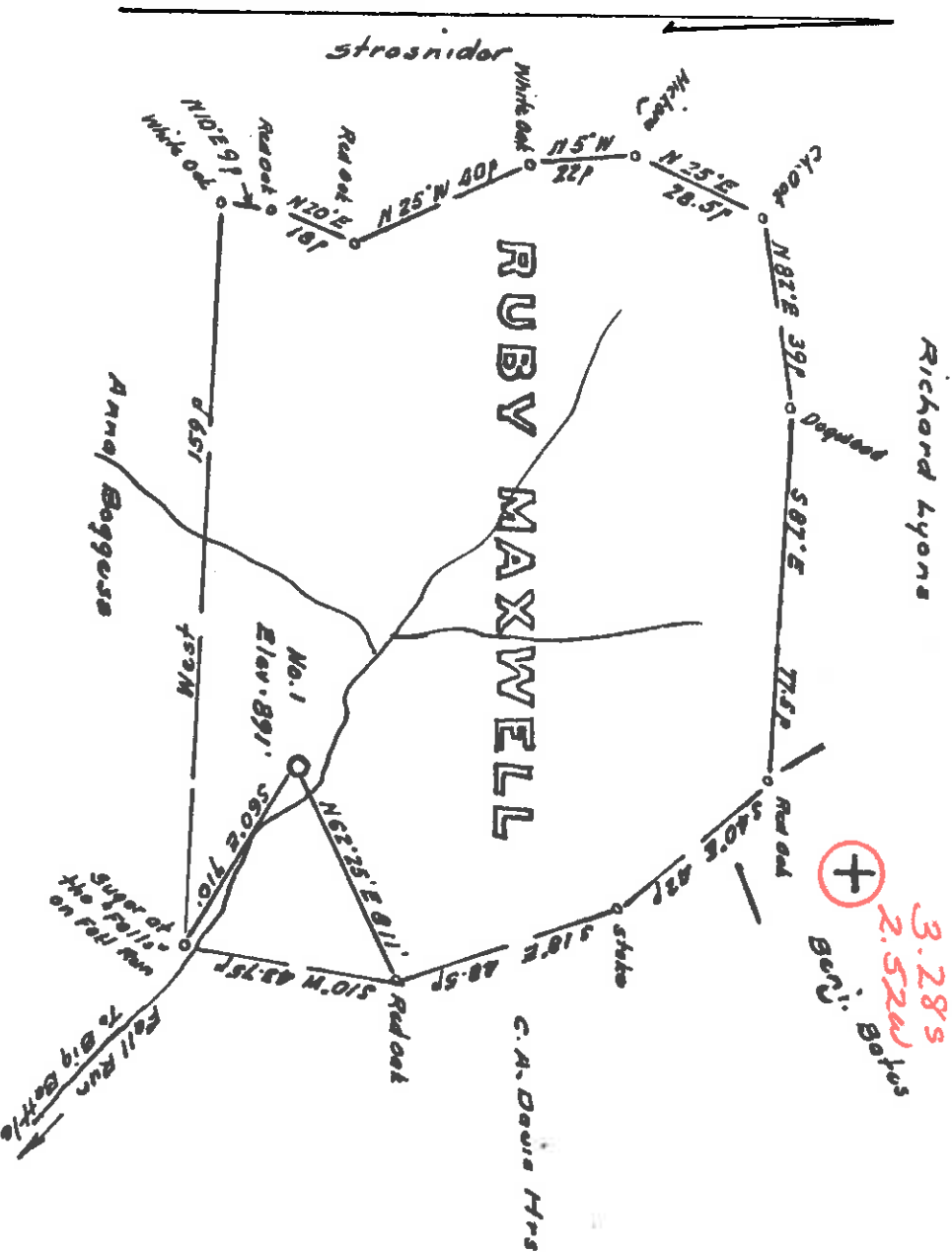
Company Scott Enterprises, Inc.
 Address Salem, West Va. 26426
 Farm Ruby Maxwell, et al
 Tract Acres 102 Lease No. _____
 Well (Farm) No. 022 Serial No. _____
 Elevation (Spirit Level) 891
 Quadrangle Centerpoint
 County Doddridge District McClallen
 Engineer Michael S.
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date Oct. 18, 1969 Scale 1" = 400' = 660'

6-6 Smithson - Flint - Seabell
 NO. 99
 1969

TRASCO

LATITUDE 39 ° 25 '

LONGITUDE 80 ° 35 '



Minimum Error of Closure 1 in 200

Source of Elevation U.S.G.S. S.M. of Centerpoint - 790

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 -12-16-82
 Drill Deeper
 Abandonment

Signed: Walter S
 Squares: N S E W

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

WELL LOCATION MAP
 FILE NO. DDP- 1579-DD

Company Scott Enterprises, Inc.
 Address Salem, West Va. 26126
 Farm Ruby Maxwell, et al
 Tract Acres 122 Lease No. _____
 Well (Farm) No. 002 Serial No. _____
 Elevation (Spirit Level) 891
 Quadrangle Centerpoint 7 1/2 x 15'

County Doddridge District McClellan
 Engineer Walter S
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date Oct 18, 1969 Scale 1" = 400' 660'

+ 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.

DEC 20 1982

RECEIVED

JAN 10 1983

TV-35

(Rev 8-81)



OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

State of West Virginia
Department of Mines

Date January 6, 1983
Operator's
Well No. S-137 Ruby Maxwell

Oil and Gas Division

Farm Ruby Maxwell
API No. 47 - 017 - 1579-00

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: 891 Watershed Big Battle
District: McClellan County Doddridge Quadrangle Smithburg

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 David Kent Moss
ADDRESS Route 3, Box 68, Elkins, WV
MINERAL RIGHTS OWNER Ruby F. Maxwell
ADDRESS Route 1, Arnolds Creek, West Union
OIL AND GAS INSPECTOR FOR THIS WORK Stephen
Casey ADDRESS Jane Lew, WV 26378
PERMIT ISSUED December 16, 1982
DRILLING COMMENCED December 20, 1982
DRILLING COMPLETED December 23, 1982
IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
ON

Casing Tubing Size 20-16 Cord.	Used in Drilling	Left in Well	Cement fill up Cu. ft.
13-10"		30	
9 5/8			
8 5/8		483	to surface
7			
5 1/2			
4 1/2		1961	
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Pocono Depth 1997 feet
Depth of completed well feet Rotary / Cable Tools x
Water strata depth: Fresh feet; Salt feet
Coal seam depths: Is coal being mined in the area? no

OPEN FLOW DATA
Producing formation Pocono Pay zone depth 1990 feet
Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d
Final open flow 437 Mcf/d Final open flow Bbl/d
Time of open flow between initial and final tests hours
Static rock pressure 290 psig (surface measurement) after 72 hours shut in
(If applicable due to multiple completion--)
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.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Shale			1972	1982	
Pocono			1982	1993	
				1997 TD	
					OLD TD 1990
					new footage - 7 ft

(Attach separate sheets as necessary)

James F. Scott

Well Operator

By: James F. Scott

Date: January 5, 1983

Note: Regulation 2.02(i) provides as follows:

The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including soil, encountered in the drilling of a well.

5-23



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

WELL RECORD

Rotary
Spudder
Cable Tools
Storage
Oil or Gas Well **Gas**
(Water Kind)

Centerpoint
DOD-1579

Company Scott Enterprises, Inc.
Address Salem, West Virginia
Ruby F. Maxwell Acres 102

Location (waters) 1 (S-137) Elev. 891

Well No. McClellan County Doddridge
District West Union, Address West Virginia

Mineral rights are owned by

Drilline commenced 1-23-70
Drilling completed 2-2-70

Date Shot From To

With Inch
Open flow /10ths Water in Inch
/10ths Merc. in Cu. Ft.

Volume lbs.
Rock Pressure hrs.
Oil bbls., 1st 24 hrs.

WELL ACIDIZED (DETAILS)

WELL FRACTURED (DETAILS)
140,000 lbs. of sand, 1000 bbls. of water and
500 gal. acid.

TIT AFTER TREATMENT (Initial open flow or bbls)
K PRESSURE AFTER TREATMENT 530

Perch Water 97
Leaching Sand **Big Injun**

Attach copy of cementing record. 8" - 483' - 1-25-70 Date
CASING CEMENTED 4 1/2" SIZE 1985 No. Ft. 2-3-70 Date
Amount of cement used (bags) 125 & 80
Name of Service Co. Garaton Service
COAL WAS ENCOUNTERED AT 442 FEET INCHES
FEET INCHES FEET INCHES
1055 McF 1055.000
HOURS 24
Salt Water 1300 Feet
Depth 1916 - 1924

Casing and Tubing	Used in Drilling	Left in Well	Packers
16			Kind of Packerc
13			Size of
10	483'	483'	Depth set
8 1/4			
6 3/4			
5 3/16	1985'	1985'	
4 1/4			Perf. top 1916
3			Perf. bottom 1918
2			Perf. top 1922
Liners Used			Perf. bottom 1924

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Top soil			0	40			
Sand			40	80			
Shale			80	110			
Shale			110	150			
Shale			150	195			
Shale			195	215			
Shale			215	260			
Shale			260	305			
Shale			305	380			
Shale			380	420			
Shale			420	442			
Shale			442	450			
Shale			450	505			
Shale			505	560			
Shale			560	620			
Shale			620	675			
Shale			675	720			
Shale			720	730			
Shale			730	790			
Shale			790	890			
Shale			890	940			
Shale			940	1010			
Shale			1010	1055			
Shale			1055	1105			
Shale			1105	1195			
Shale			1195	1201			

NEED
FEB 17 1970

Formation	Color	Hard or Soft	Top <i>4</i>	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand			1460	1510			
Red rock			1510	1570			
Sandy shale			1570	1630			
Sand			1630	1670			
Lime			1670	1740			
Shale			1740	1780			
Little Lime			1780	1797			
Shale			1797	1824			
Big Lime			1824	1912			
Sand			1912	1990			
T D				1990			

Big Injun

FEBRUARY 15, 1970
 APPROVED *Harold Scott*, Own
 By *Harold*
 (Title) *Harold*



1) Date: December 10, 19 82
 2) Operator's Well No. 5-137 Ruby Maxwell
 3) API Well No. 47-017-1579-DD State WV County Lincoln Permit

DRILLING CONTRACTOR: _____
 STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION
 OIL AND GAS WELL PERMIT APPLICATION

4) WELL TYPE: A Oil Gas B (If "Gas", Production Underground storage Deep Shallow)
 Elevation: 851 feet

5) LOCATION: Location: McClellan Watershed: Dodot 1898
 District: James F. Scott County: Lincoln Quadrangle: Centerpoint

6) WELL OPERATOR: James F. Scott Address: P.O. Box 112
24700, WV 26026 Designated Agent: Barbet Wright

7) OIL & GAS ROYALTY OWNER: Ruby F. Maxwell Address: Route 1, Ardmore Creek
West Union, WV 26458

8) SURFACE OWNER: David Kent Moss Address: Route 3, Box 68
Linns, WV 26041

9) FIELD SALE (IF MADE) TO: _____
 Address: _____

10) OIL & GAS INSPECTOR TO BE NOTIFIED: _____
 Name: Robert Casey Address: Route 2, Box 207 U
Marble Leno, WV 26072

15) PROPOSED WORK: Drill Drill deeper Redrill Fracture or stimulate
 Plug off old formation Perforate new formation

16) GEOLOGICAL TARGET FORMATION, locsin
 Other physical change in well (specify): _____

17) Estimated depth of completed well, 2050 feet
 18) Approximate water strata depths: Fresh, _____ feet; salt, _____ feet.

19) Approximate coal seam depths: _____ feet. Is coal being mined in the area? Yes No

20) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	Size	Grade	Weight per ft.	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
				New	Used	Left in well	Bottom		
Conductor	11 3/4"			X			30		Kind
Fresh water									Sizes
Coal								405 TO SURFACE	Depths set
Intermediate				X				100 SACS	Perforations:
Production									Top
Tubing									Bottom
Liners									

21) EXTRACTION RIGHTS
 Check and provide one of the following:
 Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.
 The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)

22) ROYALTY PROVISIONS
 Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes No

23) Required Copies (See reverse side.)
 If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

24) Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named copg operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

Notary: David Dunst Signed: James F. Scott
 My Commission Expires June 30, 1983 Is: _____

OFFICE USE ONLY
 DRILLING PERMIT
 Permit number: 5-137-XXXX DD Date: December 10, 19 82

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. 10) 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.)

Permit expires _____ unless drilling is commenced prior to that date and prosecuted with due diligence.
 Bond: _____ Agent: _____ Plat: _____ Casing _____ Fee _____
 Administrator, Office of Oil and Gas

Line Item Explanation

- 1) Date of Application
- 2) Your well name and number
- 3) To be filled out by office of oil & gas
- 4A) "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs; "Gas" means all natural gas and all other fluid hydrocarbons not defined as oil.
- 4B) "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of the "Onondaga Group" or a depth less than six thousand feet, whichever is shallower.
- 5) "Deep well" means any well drilled and completed in a formation at or below the top of the uppermost member of the "Onondaga Group" or at a depth less than six thousand feet, whatever is shallower.
- 6) Where well is located
- 7) Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
- 8) Use separate sheet if necessary
- 9) Present surface owner at time application is filed.
- 10) Optional
- 11) See Reg. 7.01 relating to code §22-4-1k
- 12) "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
- 13 & 14) As per §22-4-20; See Note 24
- 15) Work that will be attempted—A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.
- 16) Anticipated formation for which well will be completed
- 17) Self explanatory
- 18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
- 19) All coal seam depths
- 20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
- 21) Code 22-4-11(c) - In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:
 - (1) A brief description of the tract of land including the district and county wherein the tract is located;
 - (2) The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
 - (3) The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
 - (4) A brief description of the royalty provisions of each such lease or contract.
- 22) Code 22-4-11(d) and 22-4-11(e).
- 23) Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.
- 24) **The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.**

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof.

WAIVER

The undersigned coal operator / owner / lessee / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: 10 December, 1982 By / Its