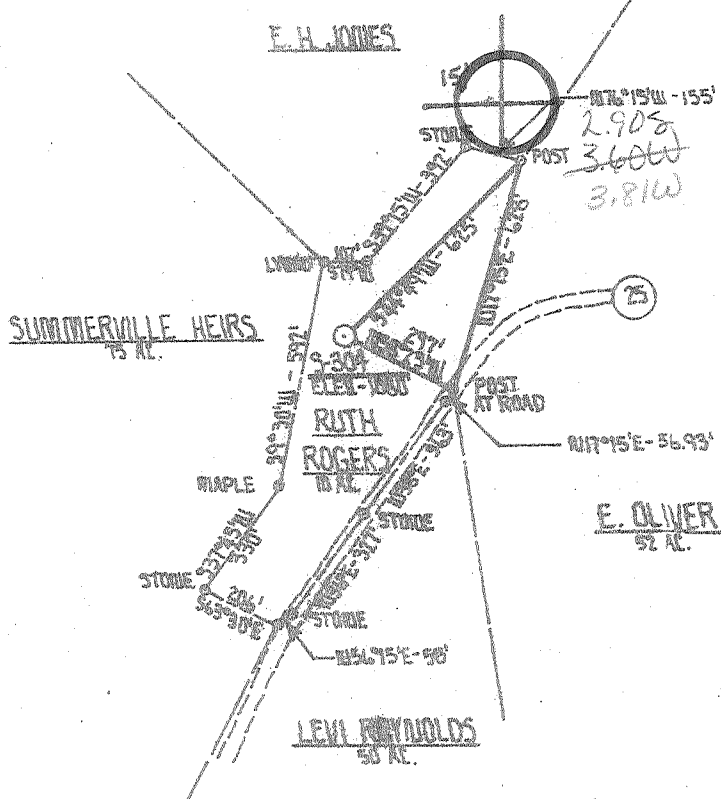
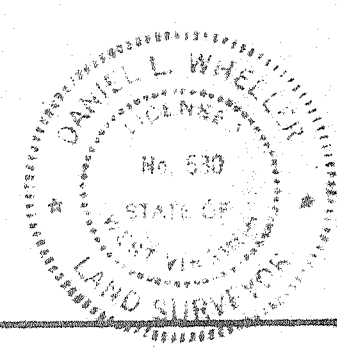


Latitude $39^{\circ} 12' 30''$
(15') $39^{\circ} 15'$

(15') $80^{\circ} 30'$
Longitude $80^{\circ} 32' 30''$



39 12 30
80 34 00



Minimum Error of Closure 1 PART. 100. 200
Source of Elevation RD. FK. S.L.S. 25 & 25/14
U.E. - 1016'

New Location
Drill Deeper
Abandonment

"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."

Company SCOTT OIL & GAS
 Address P.O. BOX 117 SALEM, W. VA. 26426
 Farm RUTH ROGERS
 Tract _____ Acres 10 Lease No. _____
 Well (Farm) No. _____ Serial No. S-304
 Elevation (Spirit Level) 1080'
 Quadrangle BIG ISAAC 75' VADIS 15' NE
 County DODDRIDGE District GREENBRIER
 Engineer Daniel L. Wheeler
 Engineer's Registration No. 530 W.V.
 File No. _____ Drawing No. _____
 Date APRIL 25, 1980 Scale 1" = 500'

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

WELL LOCATION MAP
FILE NO. 017-2729

+ 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.

ALEXANDER 5200

OIL & GAS INSPECTOR
STATE DEPARTMENT OF REVENUE
DEPARTMENT OF MINES, OIL AND GAS DIVISION

WELL OPERATOR'S REPORT
OF
DRILLING, FRACURING AND/OR STIMULATION, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas X / Fluid Injection / Waste Disposal
(If "Gas", Production X / Underground storage / Deep / Infill X)
LOCATION: Elevation: 1080 / Watershed: Isaac Creek
District: Greenbrier / County: Doddridge / Quadrangle: Big Isaac 7.5'
WELL OPERATOR: James F. Scott / DESIGNATED AGENT: Same
Address: PO Box 112 / Address: _____
Salem, W. V. 26426

PERMITTED WORK: Drill X / Convert / Drill deeper / Redrill / Fracture or stimulate
Plug off old formation / Perforate new formation /
Other physical change in well (specify): _____

PERMIT ISSUED ON April 28, 1980 / OIL & GAS INSPECTOR FOR THIS WORK:
Name: Paul Garrett
(IF APPLICABLE: PLUGGING OF DRY HOLE OR CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED) / Address: 321 Beech St.
Clarksburg, WV 26301

GEOLOGICAL TARGET FORMATION: Alexander / Depth: 5200 feet
Depth of completed well: 5543 feet / Rotary X / Cable Tools _____
Water strata depth: 60 feet; salt, _____ feet.
Coal seam depths: 60-64; 110-113 / Is coal being mined in the area: No
175-179; 315-318
Work was commenced June 3, 1980, and completed June 9, 1980

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	11 3/4						Rands
Fresh water							
Coal							Sizes
Intermediate	8 5/8				552	to surface	
Production	4 1/2				5189	150 sks	Setting set
Tubing							
Liners							Perforations:
							See Section

OPEN FLOW DATA. / Producing formation: Alexander, Benson / Pay zone depth: 4758-4772 / 5110-5130

Gas: Initial open flow, show Mcf/d / Oil: Initial open flow, _____ Stb/d
Final open flow, 504 Mcf/d / Final open flow, _____ Stb/d
Time of open flow between initial and final tests, 20 hours
Static rock pressure, 380 psi (surface or equivalent) after 24 hours (if applicable due to multiple completions)

Second producing formation: _____ / Pay zone depth: _____
Gas: Initial open flow, _____ Mcf/d / Oil: Initial open flow, _____ Stb/d
Final open flow, _____ Mcf/d / Final open flow, _____ Stb/d
Time of open flow between initial and final tests, _____ hours
Static rock pressure, _____ psi (surface or equivalent) after _____ hours

017-2729

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

Benson 4759 - 4772
 Benson stray 4969 - 4981
Alexander 5116 5122

SEP 8 1960

OIL & GAS
 DEPT. OF MINES

501 500

FORMATION	Color	Hard or Soft	Top Feet	Bottom Feet	Remarks Including Indication of Oil, Gas, and salt water, coal, etc. and GOR
Topsoil & Fill			0	40	
Sand			40	60	
Coal			60	64	
Sand			64	110	
Coal			110	113	
Sand			113	140	
R. Rock			140	175	
Coal			175	179	
Sand			179	315	
Coal			315	318	
Sand & Shale			318	405	
Coal			405	408	
Sand			408	585	
Shale			585	1020	
Sand & Shale			1020	1440	
Shale & R. Rock			1440	1714	
Sand			1714	1787	
B. Lime & Injun			1787	1960	
Shale			1960	2400	
Sand & Shale			2400	3600	
Shale			3600	3874	
Sand & Shale			3874	4100	
Shale			4100	4730	
Benson			4730	4745	
Shale			4745	4790	
Benson			4790	4810	
Sand & Shale			4810	5285	
Shale			5285	5567	
<u>Gamma Ray Log</u>					
Big Lime			1832	1952	
5th sand			2755	2760	
Balltown			3550	3660	
Benson			4758	4772	
Benson stray			4969	4980	
<u>Alexander</u>			5110	5130	

Attach separate sheets as complete as necessary.

James F. Scott

Operator

By *James F. Scott*
 Owner/Operator

TD 5543

Perforation logs provided as requested

"The term 'log' or 'well log' shall mean a systematic, detailed record of all formations, perforations, etc. encountered in the well during its life."

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

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil Gas X
(If "Gas", Production X / Underground storage Deep Shallow X
LOCATION: Elevation: 1080' Watershed: Isaac Creek
District: Greenbrier County: Doddridge Quadrangle: Big Isaac 7.5'

WELL OPERATOR Scott Enterprises, Inc. DESIGNATED AGENT SAME
Address P. O. Box 112 Address
Salem, W. Va. 26426

OIL & GAS ROYALTY OWNER Ruth Rogers COAL OPERATOR
Address Rt. 2 Address
Salem, W. Va. 26426

ACREAGE 10
SURFACE OWNER A.L. Potts COAL OWNER(S) WITH DECLARATION ON RECORD:
Name A. L. Potts
Address Rt. 2 Box 130
Bristol, W. Va. 26332
Name
Address

FIELD SALE (IF MADE) TO:
Name
Address
Name
Address

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Paul Garrett
Address 321 Beech St.
Clarksburg, W. Va. 26301

COAL LESSEE WITH DECLARATION ON RECORD:
Name
Address
APR 28 1980

OIL & GAS DIVISION
DEPT. OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease X / other contract / dated Jan. 7, 1980, to the undersigned well operator from Ruth Rogers
[If said deed, lease, or other contract has been recorded:]

Recorded on Jan. 10, 1980, in the office of the Clerk of the County Commission of Doddridge County, West Virginia, in Book 113 at page 127. A permit is requested as follows:

PROPOSED WORK: Drill X / Drill deeper / Redrill / Fracture or stimulate
Plug off old formation / Perforate new formation
Other physical change in well (specify)

—attached as shown on the work order on the reverse side hereof.

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 § 20-4-2 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

Two copies of this Application and the enclosed plat and regulations shall be filed with the Department of Mines and one copy shall be delivered by hand to the above named coal operator, coal owner(s), and coal lessee prior to the start of the drilling or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

RECEIVED
APR 28 1980
DEPT. OF MINES
STATE OF WEST VIRGINIA

H. Edward Seid
Geologist

BLANKET BOND

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) S. W. Jack Drilling Co.
Address Buckhannon, W. Va.

GEOLOGICAL TARGET FORMATION, Alexander

Estimated depth of completed well, 5200 feet Rotary X Cable tools _____
Approximate water strata depths: Fresh, _____ feet; salt, _____ feet.
Approximate coal seam depths: _____ Is coal being mined in the area? Yes _____ No _____

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	For drilling		
Conductor	11 3/4					40		to surface
Fresh water								Winds
Coal								Sizes
Intermediate	8 5/8					700		to surface
Production	4 1/2					5200		350 sks. Decms set
Casing								
Liners								Perforations:
								Top Bottom

NOTE: Regulation 2.00 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-3, "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 § 22-4-2c from the owner of any water well or dwelling within 500 feet of the proposed well.

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.

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 1-12-81.

Robert R. [Signature]
Deputy Director - Oil & Gas Division

The following information is completed by the coal operator and is subject to review by the Department of Mines and the Department of Environmental Protection, if applicable, and is to be maintained in the mine's files of records thereof.

W A R N I N G

The undersigned hereby certifies that the owner of the coal under this permit has been advised of the provisions of the mine laws and regulations and that the owner has agreed to be bound by the provisions of the mine laws and regulations. The undersigned also certifies that the coal operator has agreed to be bound by the provisions of the mine laws and regulations, provided, the well operator has complied with all applicable provisions of the mine laws and regulations.