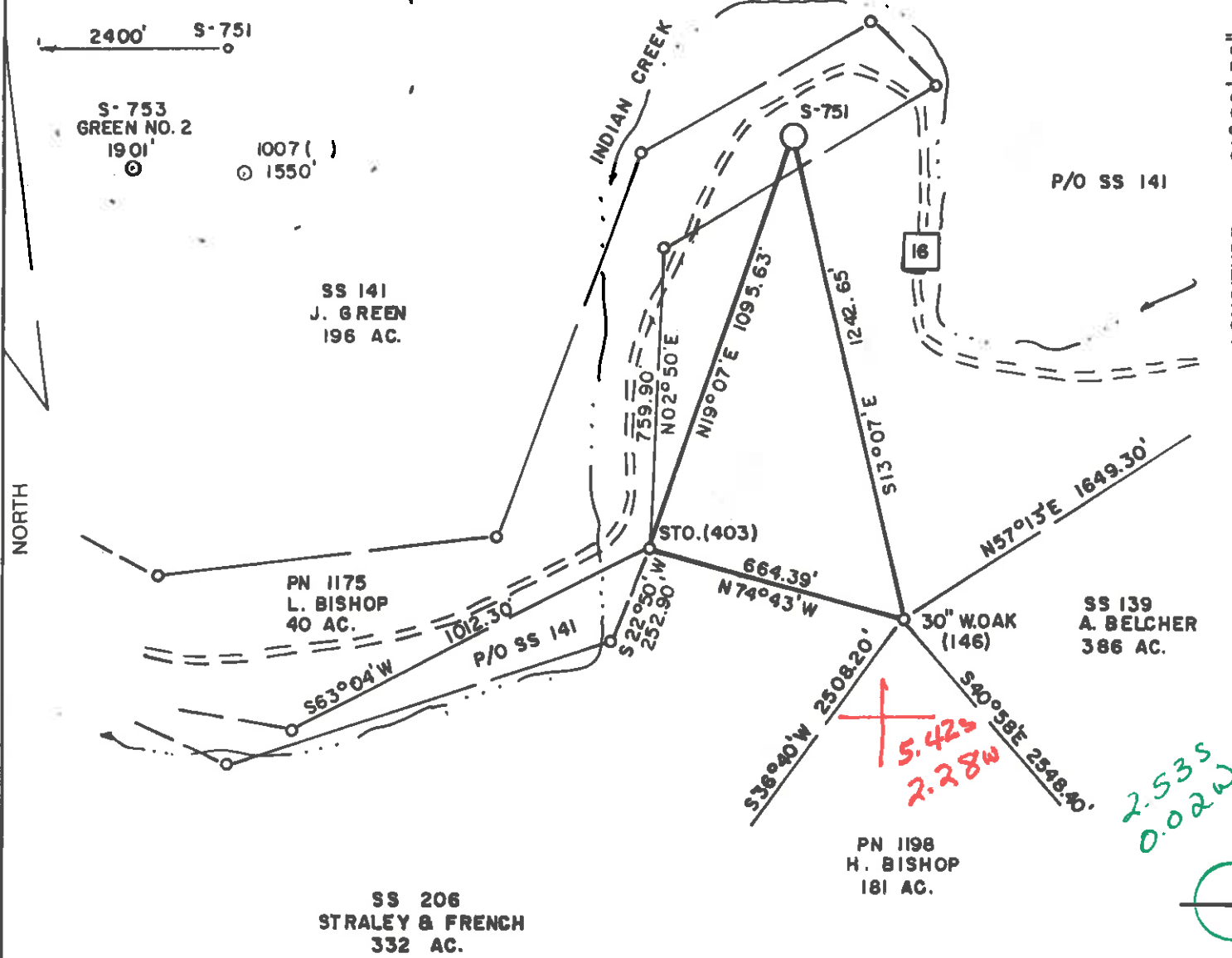


Janie 1/16/89

LATITUDE 37°32'30"

LONGITUDE 81°32'30"

13,380'



WELL REFERENCES:  
 S83°E, 117' TO 3" HEMLOCK  
 N05°W, 133' TO 24" SYCAMORE

LAND SURVEYING SERVICES  
 21 CEDAR LANE  
 BRIDGEPORT, WV 26330  
 PHONE: 304-842-2018

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 400'  
 MINIMUM DEGREE OF ACCURACY 1 in 2500  
 PROVEN SOURCE OF ELEVATION BM 1150' S.W. OF LOCATION ELEV. 1565'

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENERGY.  
 (SIGNED) \_\_\_\_\_  
 R.P.E. \_\_\_\_\_ L.L.S. 674  
 STEPHEN D. LOSH



**STATE OF WEST VIRGINIA**  
 DEPARTMENT OF ENERGY  
 OIL AND GAS DIVISION

DATE JANUARY 09, 19 89  
 OPERATOR'S WELL NO. S-751  
 API WELL NO. GREEN NO. 1  
 47 - 109 - 1076  
 STATE COUNTY PERMIT

WELL TYPE: OIL \_\_\_ GAS  LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION  STORAGE \_\_\_ DEEP \_\_\_ SHALLOW

LOCATION: ELEVATION 1611' WATERSHED INDIAN CREEK  
 DISTRICT CENTER 3 COUNTY WYOMING  
 QUADRANGLE PINEVILLE 7.5 mln. 549 1069 115' SE

SURFACE OWNER NORMA GREEN ACREAGE 18  
 OIL & GAS ROYALTY OWNER NORMA GREEN LEASE ACREAGE 12  
 LEASE NO. 2004

PROPOSED WORK: DRILL  CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION BIG LIME ESTIMATED DEPTH 3050'  
 WELL OPERATOR SCOTT OIL COMPANY DESIGNATED AGENT DARREL WRIGHT  
 ADDRESS P.O. BOX 112 774 ADDRESS P.O. BOX 112  
 SALEM, WV 26426 SALEM, WV 26426

FEB 3 1989

6-6 unnamed (0)

State of West Virginia  
DEPARTMENT OF ENERGY  
Division of Oil and Gas

Well Operator's Report of Well Work

Farm name: GREEN, NORMA Operator Well No.: GREEN 1-S-751

LOCATION: Elevation: 1541.00 Quadrangle: PINEVILLE

District: CENTER County: WYOMING  
Latitude: 14840 Feet South of 37 Deg. 32Min. 30 Sec.  
Longitude 1320 Feet West of 81 Deg. 32 Min. 30 Sec.

Company: SCOTT OIL CO.  
P. O. BOX 8  
GREENWOOD, VA 22943-0000

Agent: JOHN T. HASKINS

Inspector: TIM BENNETT  
Permit Issued: 01/31/89  
Well work Commenced: 2/27/89  
Well work Completed: 3/7/89  
Verbal Plugging  
Permission granted on: \_\_\_\_\_  
Rotary  Cable \_\_\_\_\_ Rig  
Total Depth (feet) 2250  
Fresh water depths (ft) \_\_\_\_\_

Salt water depths (ft) \_\_\_\_\_

Is coal being mined in area (Y/N)? n  
Coal Depths (ft): \_\_\_\_\_

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
11 3/4	30		
9 5/8		209	to surface
7"		895	to surface

OPEN FLOW DATA

Producing formation Maxton, Ravencliff Pay zone depth (ft) \_\_\_\_\_  
Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow 137 MCF/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ Hours  
Static rock Pressure 335 psig (surface pressure) after \_\_\_\_\_ Hours

Second producing formation \_\_\_\_\_ Pay zone depth (ft) \_\_\_\_\_  
Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow \_\_\_\_\_ MCF/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ Hours  
Static rock Pressure \_\_\_\_\_ psig (surface pressure) after \_\_\_\_\_ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

**RECEIVED**  
JAN 16 1990

DIVISION OF OIL & GAS  
DEPT. OF ENERGY

For: SCOTT OIL CO.

By: [Signature]  
Date: 3/2/89

JAN 19 1990

Well not fractured. Natural only

Sandstone	10	220
Sandy shale	220	366
Coal	366	368
Shale	368	376
Coal	376	379
Sandy shale	379	508
Coal	508	512
Sand & Shale	512	1260
Sand	1260	1314
Sand & Shale	1314	1363
Lime	1363	1410
Sand & Shale	1410	1851
Sand	1851	2012
Sand & Shale	2012	2250 TD

Gamma Ray

Ravencliff	1260-1314
Avis Lime	1363-1410
Maxton	1851-2012

8174

RECEIVED  
JAN 13 1989

109-1076  
Issued 01/31/89 Expires 01/31/91  
Page \_\_\_\_ of \_\_\_\_

STATE OF WEST VIRGINIA  
DIVISION OF OIL & GAS DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS  
DEPARTMENT OF ENERGY WELL WORK PERMIT APPLICATION

- 1) Well Operator: Scott Oil Company 44315 3 548
- 2) Operator's Well Number: S-751 Norma Green #1 3) Elevation: 1611
- 4) Well type: (a) Oil  / or Gas  /  
(b) If Gas: Production  / Underground Storage   
Deep  Shallow
- 5) Proposed Target Formation(s): Big Lime 3:5
- 6) Proposed Total Depth: 3050 feet
- 7) Approximate fresh water strata depths: 549', 393', 333', 709'
- 8) Approximate salt water depths: 1325', 1053'
- 9) Approximate coal seam depths: 528'-531', 641'-644'
- 10) Does land contain coal seams tributary to active mine? Yes  / No
- 11) Proposed Well Work: Drill & Stimulate New Well
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT Fill-up (cu. ft.)
	Size	Grade	Weight per ft.	For drilling	Left in well	
Conductor	16"			30'	30'	to surface
Fresh Water	9 5/8"			120'	120'	(if needed)
Coal						3BCSR18-11.3 3BCSR18-11.2.2
Intermediate	7"				800'	to surface
Production	4 1/2"				2950'	200 sks
Tubing						3BCSR18-11.1
Liners						

PACKERS : Kind \_\_\_\_\_  
Sizes \_\_\_\_\_  
Depths set \_\_\_\_\_

RECEIVED  
DEC 28 1988

For Division of Oil and Gas Use Only DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

1757  
41

Fee(s) paid:  Well Work Permit  Reclamation Fund  WPCP

Plat  WW-9  WW-2B  Bond Blanket 50  Agent

**RECEIVED**  
JAN 13 1989

- 1) Date: January 11, 1989
- 2) Operator's well number  
S-751 Norma Green #1
- 3) API Well No: 47 - 109 - 1076  
State - County - Permit

**DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY**

**STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS**

**NOTICE AND APPLICATION FOR A WELL WORK PERMIT**

- 4) Surface Owner(s) to be served:
  - (a) Name Norma Green  
Address Route 1, Box 91 B  
Welch, WV 24801
  - (b) Name \_\_\_\_\_  
Address \_\_\_\_\_
  - (c) Name \_\_\_\_\_  
Address \_\_\_\_\_
- 5) (a) Coal Operator:
  - Name \_\_\_\_\_  
Address \_\_\_\_\_
  - (b) Coal Owner(s) with Declaration  
Name no coal owner of declaration  
Address \_\_\_\_\_
  - Name \_\_\_\_\_  
Address \_\_\_\_\_
  - (c) Coal Lessee with Declaration  
Name \_\_\_\_\_  
Address \_\_\_\_\_
- 6) Inspector Arthur St. Clair  
Address P. O. Box 468  
Brenton, WV 24818  
Telephone (304)- 732-6227

**TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:**

\_\_\_\_ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR

X Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through \_\_\_\_ on the above named parties, by:

- X Personal Service (Affidavit attached)
- \_\_\_\_ Certified Mail (Postmarked postal receipt attached)
- \_\_\_\_ Publication (Notice of Publication attached)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator Scott Oil Company

By: [Signature]

Its: Agent

Address P. O. Box 112  
Salem, WV 26426

Telephone 304-623-9600

Subscribed and sworn before me this 11 day of January, 19 89

Roger Zinn Notary Public

My commission expires April 23, 1993