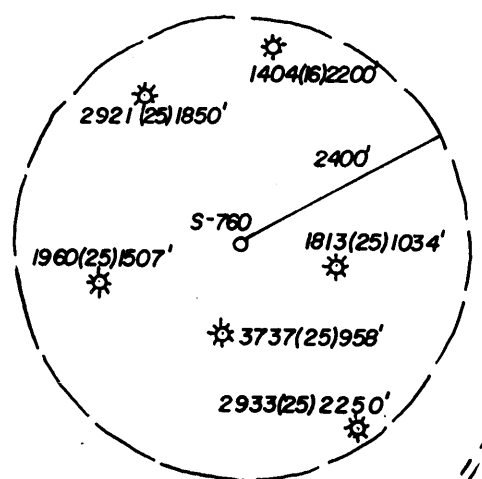


Janie 5/11/89

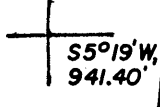
8880' 10
LATITUDE 39°07'30"

LONGITUDE 80°22'30"



0.565
1.660

B & O RR



WHITE

STELLA, ET. AL

BOARD OF EDUCATION
6.5 AC.

BOARD OF EDUCATION

B.O.E. .414 AC.

B.O.E. .5 AC.

B.O.E. 2.8 AC.

N7°30'E,
470'



N78°24'E, 291.50'

24" WILD CHERRY

N78°24'E, 296'

MYERS

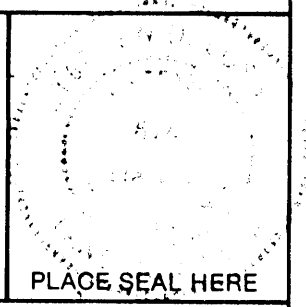
WELL REFERENCES:

S79°E, 101' TO 6" TWIN BLACK OAK
S31°E, 111' TO 6" WILD CHERRY

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

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 200'
 MINIMUM DEGREE OF ACCURACY 1 IN 200
 PROVEN SOURCE OF ELEVATION R.R. BENCH MARK 385'
 SW. OF LOC. AT ELEV. 1030'

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) *[Signature]*
 R.P.E. _____ L.L.S. NO. 674
 STEPHEN D. LOSH



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION



DATE MAY 1, 19 89
 OPERATOR'S WELL NO. S-760
 API WELL NO. L.L. MOSS 2
 47 - 041 - 3921
 STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1062' WATER SHED McKINNEY RUN
 DISTRICT HACKERS CREEK 4 COUNTY LEWIS
 QUADRANGLE WESTON 7.5 670 1325 45c
 SURFACE OWNER WARREN MEWHORTER ACREAGE 8.76
 OIL & GAS ROYALTY OWNER L.L. MOSS LEASE ACREAGE 17.
 LEASE NO. 1983

PROPOSED WORK: DRILL X 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 ___ JUN 2 1989
 TARGET FORMATION BENSON ESTIMATED DEPTH 4250'
 WELL OPERATOR SCOTT OIL CO. DESIGNATED AGENT DARREL WRIGHT
 ADDRESS P. O. BOX 112 ADDRESS P. O. BOX 112
 SALEM, WV 26426 774 SALEM, WV 26426

COUNTY NAME PERMIT

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

Well Operator's Report of Well Work

Farm name: McWHORTER, WARREN Operator Well No.: MOSS 2-S-760

LOCATION: Elevation: 1062.00 Quadrangle: WESTON

District: HACKERS CREEK County: LEWIS
Latitude: 3050 Feet South of 39 Deg. 7 Min. 30 Sec.
Longitude 8880 Feet West of 80 Deg. 22 Min. 30 Sec.

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

Account: JOHN T. HASKINS

Inspector: STEVE CASEY
Permit Issued: 05/31/89
Well work Commenced: 07/19/89
Well work Completed: 07/25/89
Verbal Plugging
Permission granted on: _____
Rotary Cable _____ Rig
Total Depth (feet) 4261
Fresh water depths (ft) 81

Salt water depths (ft) None

Is coal being mined in area (Y/N)? N
Coal Depths (ft): 414 446

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
8 5/8	728	728	To surface
4 1/2	4229	4229	480 sks

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AUG 07 1989

OPEN FLOW DATA

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Producing formation Benson, 5th Sand, Gordon Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow 133 MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure 1325 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.

For: SCOTT OIL CO.

By: _____
Date: 08/02/89

AUG 18 1989

Benson	4116-4129	224 bbl H ₂ O	45000# 20/40	500gal H
		508500 scf N ₂		
5th Sand	2120-2110	102 bbl H ₂ O	7500# 20/40	500 gal H
		142000scf N ₂		
Gordon	2000-1980	88 bbl H ₂ O	7500# 20/40	120000 scf

Sand & Shale	0	414	
Coal	414	416	
Sand & Shale	416	446	
Coal	446	449	
Sand & Shale	449	1035	
R.R.	1035	1053	
R.R. & Shale	1053	1175	
Little Lime	1175	1192	
Shale	1192	1217	
Big Lime	1217	1329	
Injun	1329	1397	
Sand & Shale	1397	3010	
Balltown	3010	3040	
Sand & Shale	3040	4113	
Benson	4113	4128	
Sand & Shale	4128	4259	TD
Gamma Ray			
Big Lime	1212	1272	
Injun	1272	1400	
Fifth	2104	2120	
Speechley	2506	2608	
Balltown	3012	3040	
Benson	4116	4154	

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AUG 07 1989

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

8785

AUG 18 1989

47-041-3921
 Issued 5/31/89 Expires 5/31/91

FORM WW-2B

Page ___ of ___

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

- 1) Well Operator: Scott Oil Company *44315, 4, 669*
- 2) Operator's Well Number: ~~44315~~ 5-760 H. Moss #2 3) Elevation: 1062
- 4) Well type: (a) Oil ___ / or Gas X /
 (b) If Gas: Production X / Underground Storage ___ /
 Deep ___ / Shallow ___ /
- 5) Proposed Target Formation(s): Benson
- 6) Proposed Total Depth: 4250 feet
- 7) Approximate fresh water strata depths: 100' - 150'
- 8) Approximate salt water depths: _____
- 9) Approximate coal seam depths: Possible C₂ 647'
- 10) Does land contain coal seams tributary to active mine? Yes ___ / No X /
- 11) Proposed Well Work: Drill & Stimulate New Well
- 12) _____

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	
Conductor	11 3/4			30'		
Fresh Water						
Coal						
Intermediate	8 5/8				725	to surface
Production	4 1/2				4250	300SR10-11.1 400 sks
Tubing						
Liners						

Cement to Surface
 300SR10-11.3
 300SR10-11.2
 300SR10-11.1
 400 sks

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 MAY 05 1989

PACKERS : Kind _____
 Sizes _____
 Depths set _____

1910
 10

For Division of Oil and Gas Use Only

DIVISION OF OIL & GAS
 DEPARTMENT OF ENERGY

Fee(s) paid: 10 Well Work Permit 10 Reclamation Fund 10 WPCP
 Plat 10 WW-9 10 WW-2B 10 Bond 50 Blankets Agent



Page 1 of
Form WW2-A
(09/87)
File Copy

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

1) Date: May 3, 1989
2) Operator's well number
S-760 L. L. Moss #2
3) API Well No: 47 - 041 - 3921
State - County - Permit

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 Warren McWhorter
Address P. O. Box 380
Jane Lew, WV 26378
- (b) Name _____
Address _____
- (c) Name _____
Address _____
- 5) (a) Coal Operator:
Name _____
Address _____
- (b) Coal Owner(s) with Declaration
Name Warren McWhorter
Address P. O. Box 380
Jane Lew, WV 26378
- Name _____
Address _____
- (c) Coal Lessee with Declaration
Name _____
Address _____
- 6) Inspector Stephen Casey
Address Route 2 Box 232 D
Jane Lew, WV 26378
Telephone (304)- 745 4888

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:

- _____ Personal Service (Affidavit attached)
x 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 3rd day of May, 1989

[Signature] Notary Public
My commission expires 4/23/93