

10/5/87

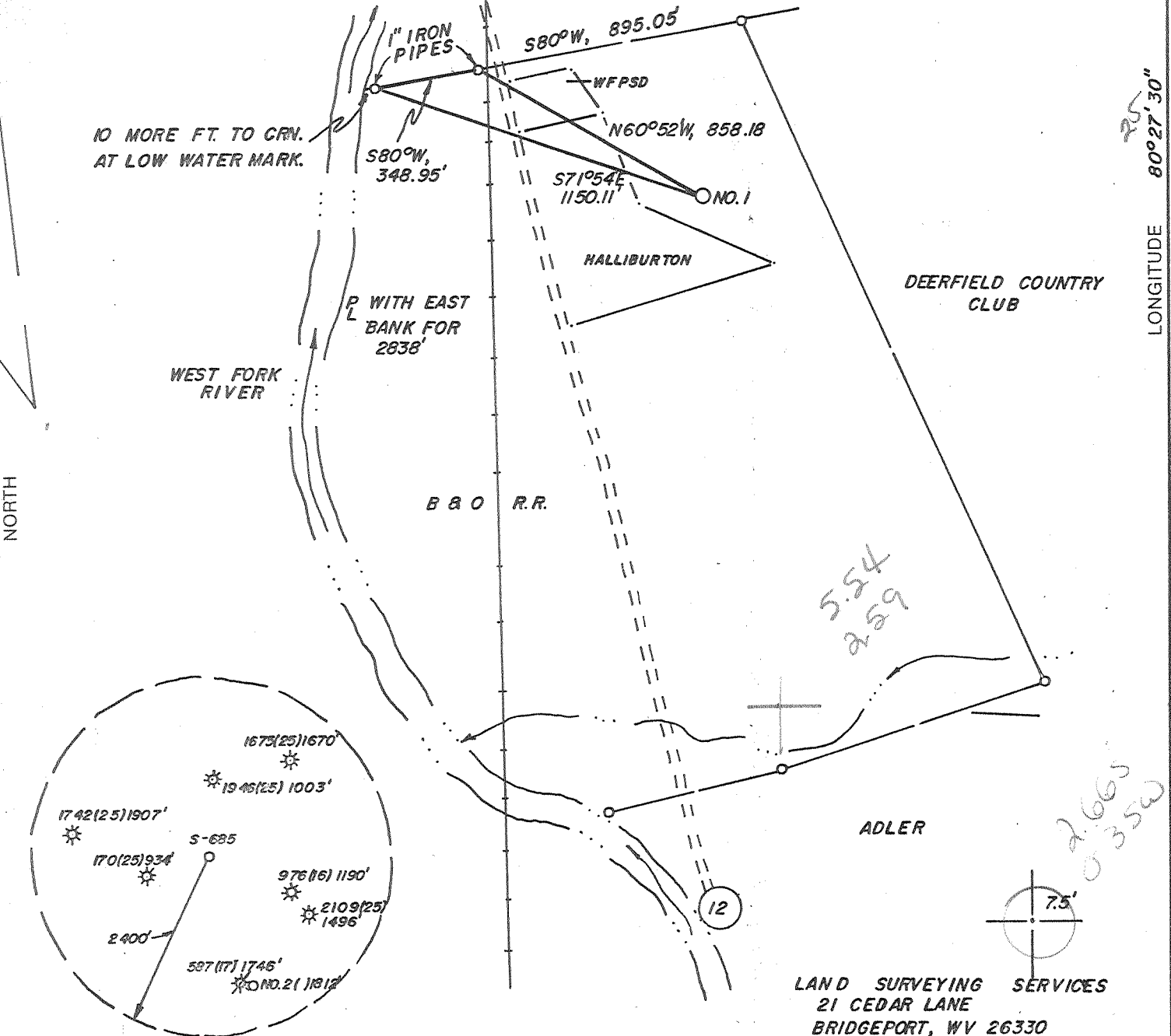
10

1865'

LATITUDE 39° 07' 30"

WELL REFERENCES:
N14°E, 123' TO 6" LOCUST
N77°45'E, 329' TO 2" SYCAMORE

WV BOARD OF CONTROL

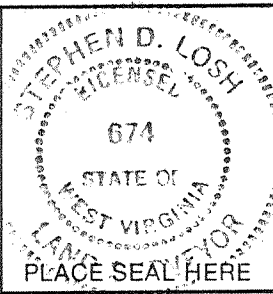


LAND SURVEYING SERVICES
21 CEDAR LANE
BRIDGEPORT, WV 26330
PHONE: 304-842-2018

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

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 IN 200
 PROVEN SOURCE OF ELEVATION B.M. 2120' SW. OF LOC. AT ELEV. 1002'

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 SEPT. 30, 19 87
 OPERATOR'S WELL NO. S-685
 API WELL NO. P. GARTON I
47 - 041 - 3850
 STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 1115' WATER SHED WEST FORK RIVER
 DISTRICT HACKERS CREEK COUNTY LEWIS
 QUADRANGLE WESTON 7.5' 670 132 4 WC
 SURFACE OWNER DEERFIELD COUNTRY CLUB ACREAGE 546.80
 OIL & GAS ROYALTY OWNER PATRICIA GARTON LEASE ACREAGE 60.
 LEASE NO. 2035
 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 BENSON ESTIMATED DEPTH 4500'
 WELL OPERATOR SCOTT OIL COMPANY DESIGNATED AGENT DARREL WRIGHT
 ADDRESS P.O. BOX 112 ADDRESS P.O. BOX 112
SALEM, WV 26426 SALEM, WV 26426

COUNTY NAME PERMIT

OCT 12 1987

6-6 Weston-Jane Lew (153)



RECEIVED
OCT 21 1987

Date October 20, 1987
Operator's
Well No. S-685
Farm Patricia Garton #1
API No. 47 - 041 - 3850

WR-35

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

State of West Virginia
DEPARTMENT OF ENERGY
Oil and Gas Division

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: 1115 Watershed West Fork River
District: Hackers Creek County Lewis Quadrangle Weston 7.5

COMPANY Scott Oil Company
ADDRESS P. O. Box 112, Salem, WV 26426
DESIGNATED AGENT Darrel Wright
ADDRESS P. O. Box 112, Salem, WV 26426
SURFACE OWNER Deerfield Country Club
ADDRESS P. O. Box 529, Weston, WV
MINERAL RIGHTS OWNER Patricia Garton
ADDRESS _____
OIL AND GAS INSPECTOR FOR THIS WORK Stephen Casey ADDRESS Jane Lew, WV
PERMIT ISSUED 10/5/87
DRILLING COMMENCED 10/8/87
DRILLING COMPLETED 10/12/87
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON _____

Casing & Tubing Size	Used in Drilling	Left in Well	Cement fill up Cu. ft.
20-16 Cond.			
13-10"	30		
9 5/8			
8 5/8		972	to surface
7			
5 1/2			
4 1/2		4248	330 sks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION _____ Depth _____ feet
Depth of completed well 4486 feet Rotary ___ / Cable Tools _____
Water strata depth: Fresh 41,120 feet; Salt _____ feet
Coal seam depths: 151, 450, 708, 915 Is coal being mined in the area? no

OPEN FLOW DATA
Producing formation Benson, Balltown Pay zone depth 3015-4020 feet
Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d
Final open flow 348 Mcf/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ hours
Static rock pressure 1125 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

OCT 26 1987

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

Benson	4012-4026	Sand 20/40	40,000#	495 bbl H ₂ O
Balltown	3015-3046	Sand 20/40	50,000#	567 bbl H ₂ O

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all f: and salt water, coal, oil and
Sand & Shale			0	151	<p style="text-align: center;">RECEIVED OCT 21 1987</p> <p style="text-align: center;">DIVISION OF OIL & GAS DEPARTMENT OF ENERGY</p>
Coal			151	154	
Sand & Shale			154	450	
Coal			450	453	
Sand & Shale			453	708	
Coal			708	713	
Sand & Shale			713	915	
Coal			915	920	
Shale & Red Rock			920	961	
Sand & Shale			961	1241	
Big Lime			1241	1285	
Sand & Shale			1285	2986	
Balltown			1286	3063	
Sand & Shale			3063	4108	
Benson			4108	4132	
Sand & Shale			4132	4486 TD.	
Gamma Ray					
Big Lime			1240	1285	
Big Injun			1285	1405	
5th Sand			2086	2108	
Speechley			2703	2713	
Balltown			2986	3063	
Benson			4108	4132	

(Attach separate sheets as necessary)

Scott Oil Company

Well Operator

By: Daniel Wright

Date: 10/20/87

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
 all, encountered in the drilling of a well."

FORM WV-2(B) FILE COPY
 RECEIVED
 SEP 08 1987



1) Date: September 2, 1987
 2) Operator's Well No. S-685 Patricia Garton #1
 3) API Well No. 47 041 3850
 State County Permit

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

- 4) WELL TYPE: A Oil Gas
 B (If "Gas", Production Underground storage Deep Shallow
 5) LOCATION: Elevation: 1124 Watershed: West Fork River
 District: Hackers Creek H County: Lewis 041 Quadrangle: Weston 7.5 6609
 6) WELL OPERATOR Scott Oil Co. CODE: 44315 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 Address _____
Jane Lew, WV
 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, Benson Elk 427
 12) Estimated depth of completed well, 6500 feet
 13) Approximate trata depths: Fresh, 84, 438 feet; salt, _____ feet.
 14) Approximate coal seam depths: 460, -465 Is coal being mined in the area? Yes _____ / No
From Lewis 2109 From Lewis 1096

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					30'		Kinds
Fresh water	8 5/8						750	to surface
Coal	4 1/2						6000	500 sks
Intermediate								
Production								Depths set
Tubing								Perforations:
Liners								Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-041-3850 Date October 5 19 87

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 October 5, 1989 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <input checked="" type="checkbox"/>	Agent: <input checked="" type="checkbox"/>	Plat: <input checked="" type="checkbox"/>	Casing: <input checked="" type="checkbox"/>	Fee: <u>230</u> <u>1119</u>	WPCP: <input checked="" type="checkbox"/>	SAE: <input checked="" type="checkbox"/>	Other: <input type="checkbox"/>
---	--	---	---	--------------------------------	---	--	---------------------------------

NOTE: Keep one copy of this permit posted at the drilling location.
John Johnston by Margaret J. Hase
 Director, Division of Oil and Gas File