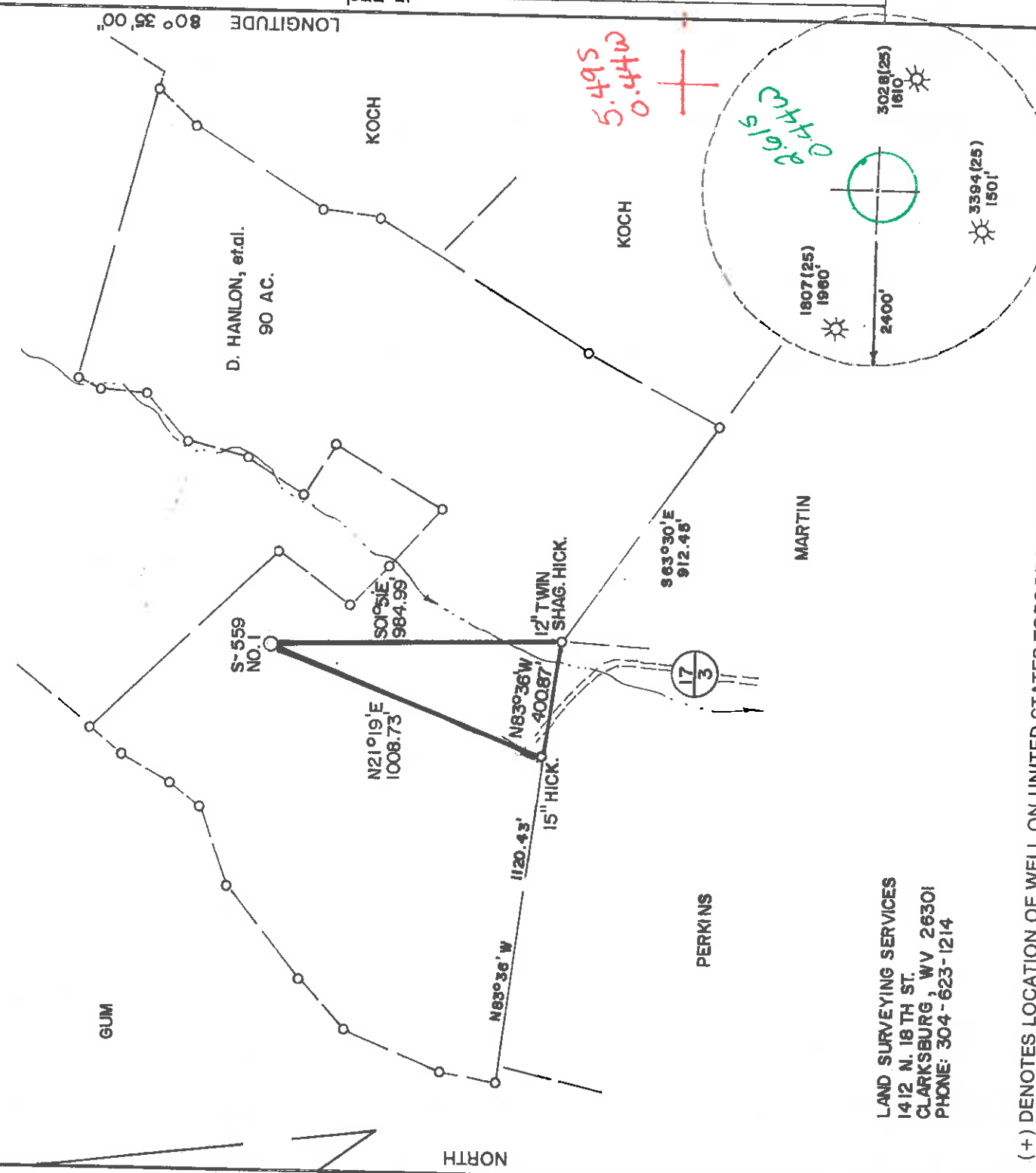


6006 4-4-85

6006 6006 PLAT 39 39 39° 17' 30" 2310' 39° 35' 00"

WELL REFERENCES:
N24°30'E, 209' TO 14" POPLAR
S19°15'E, 142' TO 10" W. OAK

RANDEL



GUM

D. HANLON, et al.
90 AC.

N21°19'E
1006.73

N83°36' W
1120.43'

N83°36' W
400.87'

15" HICK.

S63°30'E
912.45'

PERKINS

MARTIN

5.495
0.44w

2.615
0.44w

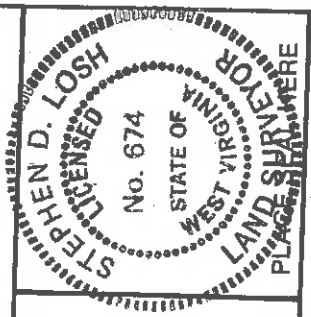
LAND SURVEYING SERVICES
1412 N. 18TH ST.
CLARKSBURG, WV 26301
PHONE: 304-623-1214

(+) 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 RD. INTER. 2300' S. OF
LOCATION ELEV. - 948'

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 REGU-
LATIONS ISSUED AND PRESCRIBED BY THE DEPART-
MENT OF MINES.
(SIGNED) *Stephen D. Losh*

R.P.E. _____ L.L.S. 674
STEPHEN D. LOSH



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION



DATE JANUARY 14 19 85
OPERATOR'S WELL NO. S-559
API WELL NO. HANLON NO. 1

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL
(IF "GAS,") PRODUCTION X STORAGE DEEP SHALLOW X
LOCATION: ELEVATION 1165' WATER SHED GREENBRIER CREEK
DISTRICT GREENBRIER 4 COUNTY DODDRIDGE 017
QUADRANGLE SALEM 7.5 in. 51L CENTREPOINT 151 56A
SURFACE OWNER RIKK RANDEL & NANCY KYGER
OIL & GAS ROYALTY OWNER DAVID HANLON, et al.
LEASE NO. _____ LEASE ACREAGE 90
PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR
STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW
FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

STATE COUNTY PERMIT
47 017 3426

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL
(IF "GAS,") PRODUCTION X STORAGE DEEP SHALLOW X
LOCATION: ELEVATION 1165' WATER SHED GREENBRIER CREEK
DISTRICT GREENBRIER 4 COUNTY DODDRIDGE 017
QUADRANGLE SALEM 7.5 in. 51L CENTREPOINT 151 56A
SURFACE OWNER RIKK RANDEL & NANCY KYGER
OIL & GAS ROYALTY OWNER DAVID HANLON, et al.
LEASE NO. _____ LEASE ACREAGE 90

STATE COUNTY PERMIT
47 017 3426

PLUG AND ABANDON CLEAN OUT AND REPLUG
TARGET FORMATION BENSON, ALEXANDER ESTIMATED DEPTH 5300'
WELL OPERATOR JAMES F. SCOTT DESIGNATED AGENT DARREL WRIGHT
ADDRESS P. O. BOX 112 SALEM, WV 26426
P. O. BOX 112 SALEM, WV 26426

PERMIT
APR 15 1985
6-6 Salem (102)



Date July 29, 1985
 Operator's Well No. S-559
 Farm David Hanlon
 API No. 47 - 017 - 3426

RECEIVED
JUL 29 1985
 State of West Virginia
 Department of Mines
 Oil and Gas Division

DIVISION OF OIL & GAS
 DEPARTMENT OF ENERGY
 OF
 WELL OPERATOR'S REPORT
 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: 1155 Watershed Greenbrier Creek
 District: Greenbrier County Doddridge Quadrangle Salem 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 Rikk Randel
 ADDRESS Route 1, Box 328, Salem, WV 26426
 MINERAL RIGHTS OWNER Mary M. Welch
 ADDRESS P. O. Box 4308, Parkersburg, WV
 OIL AND GAS INSPECTOR FOR THIS WORK Mike Underwood
 ADDRESS Rt. 2, Salem, WV
 PERMIT ISSUED April 4, 1985
 DRILLING COMMENCED 6/7/85
 DRILLING COMPLETED 6/14/85
 IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

Casing Tubing Size Cond.	Used in Drilling	Left in Well	Cement fill up Cu. ft.
13-10"	30'		
9 5/8			
8 5/8		1273'	to surface
7			
5 1/2			
4 1/2		5605	600 sks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Benson-Alexander Depth _____ feet
 Depth of completed well 5673 feet Rotary / Cable Tools _____
 Water strata depth: Fresh 27, 135 feet; Salt _____ feet
 Coal seam depths: _____ Is coal being mined in the area? _____

OPEN FLOW DATA

Producing formation Benson, Alexander 5435-5480 Pay zone depth 5116-5126 feet
 Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d
 Final open flow 353 Mcf/d Final open flow _____ Bbl/d
 Time of open flow between initial and final tests 4 hours
 Static rock pressure 1500 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
AUG 19 1985

(Continue on reverse side)

FILE COPY
DEPT. OF MINES
MAR 22 1985

1) Date: March 20, 19 85
2) Operator's Well No. S-559 David Hanlon
3) API Well No. 47 - 017 - 3426 State County Permit



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

4) WELL TYPE: A Oil Gas
B (If "Gas", Production Underground storage Deep Shallow
5) LOCATION: Elevation: 1155 Watershed: Greenbrier Creek
District: Greenbrier County: Doddridge Quadrangle: Salem 7.5
6) WELL OPERATOR: James F. Scott 7) DESIGNATED AGENT: Darrel Wright
Address: P. O. Box 112 Address: P. O. Box 112
Salem, WV 26426 Address: Salem, WV 26426
8) OIL & GAS INSPECTOR TO BE NOTIFIED: Name Mike Underwood 9) DRILLING CONTRACTOR: Name _____ Address _____

10) PROPOSED WELL WORK: Drill deeper Redrill Stimulate
Plug off old formation Perforate new formation
Other physical change in well (specify) Alexander

11) GEOLOGICAL TARGET FORMATION, _____
12) Estimated depth of completed well, _____ feet
13) Approximate true depths: Fresh, _____ feet; salt, _____ feet.
14) Approximate coal seam depths: _____ Is coal being mined in the area? Yes No

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS			FOOTAGE INTERVALS	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.			
Conductor	11 3/4			For drilling 30'		
Fresh Water						
Coal						
Intermediate	8 5/8			1000	to surface	by rule 15.0
Production	4 1/2			5300	400 sks	for 15.0 required
Tubing						by rule 15.0
Liners						
						Perforations: -Top _____ Bottom _____

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-017-3426 Date April 4, 19 85

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 April 4, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee
137	SW	MH	MH	2708

Margaret J. Hearn
Administrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.

See the reverse side of the APPLICANT'S COPY for instructions to the well operator. File

