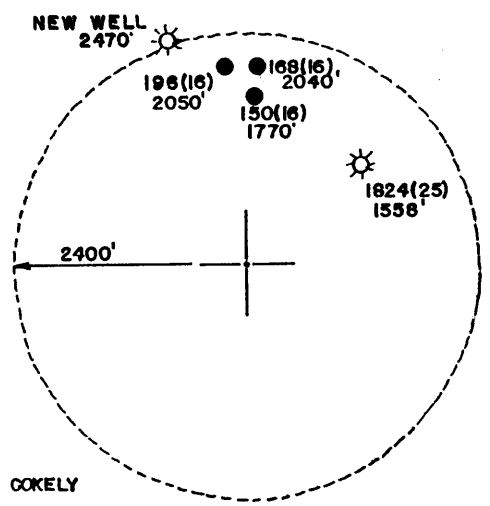


1111-72/11/84

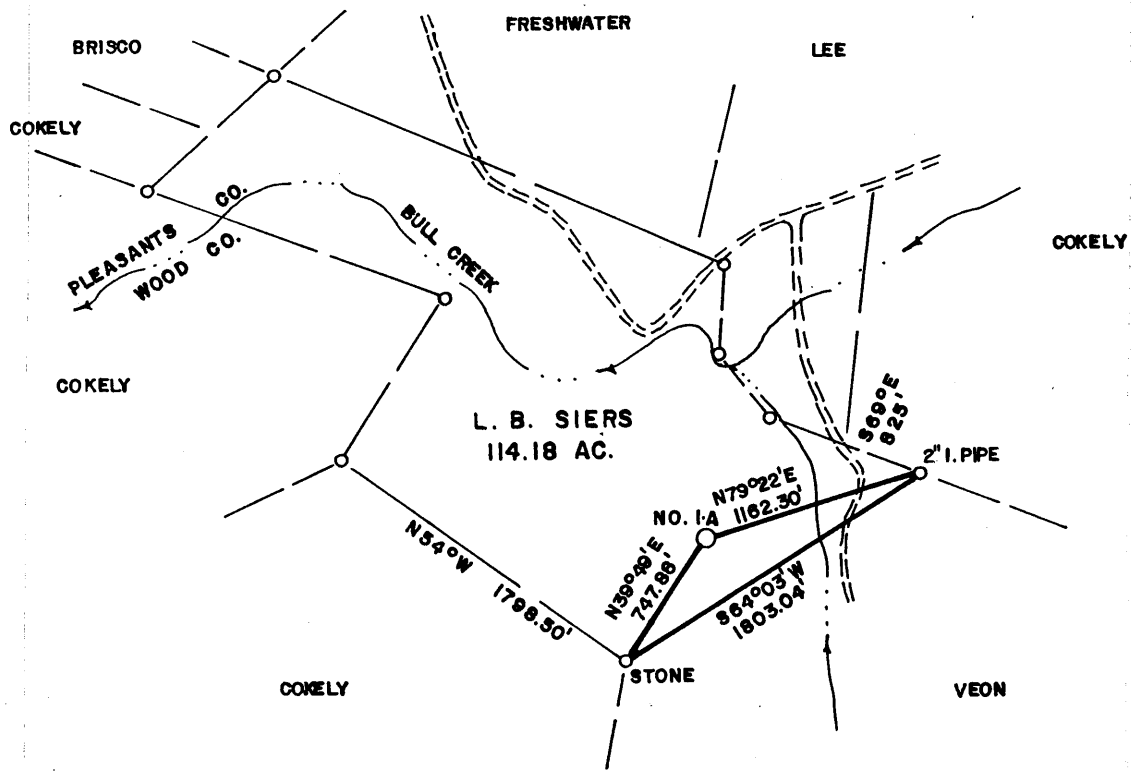
10,060' LATITUDE 39°20'00"



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

WELL REFERENCES:
 N63°15'E, 166.50' TO PHONE POLE
 S17°15'W, 180.50' TO 12" B. WALNUT

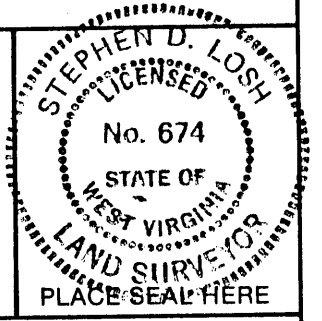
NORTH



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

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION BM 1600' N. OF LOCATION ELEV. - 623'

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 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 NOVEMBER 15, 1984
 OPERATOR'S WELL NO. L. B. No. 1
 API WELL NO.

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
 LOCATION: ELEVATION 656' WATER SHED BULL CREEK
 DISTRICT UNION COUNTY WOOD
 QUADRANGLE WILLOW ISLAND 7.5 min.
 SURFACE OWNER L. B. SIERS ACREAGE 114.18
 OIL & GAS ROYALTY OWNER L. B. SIERS LEASE ACREAGE 114.18
 LEASE NO. _____

PROPOSED WORK: DRILL CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 FEB 9 1987

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION DEVONIAN SHALE ESTIMATED DEPTH 5100'
 WELL OPERATOR STONEWALL GAS COMPANY DESIGNATED AGENT CHARLES CANFIELD
 ADDRESS P.O. DRAWER F ADDRESS P.O. DRAWER F
 BUCKHANNON, WV 26201 BUCKHANNON, WV 26201

06.11.80 LONGITUDE 81°1'30" 5175

WOOD COUNTY NAME

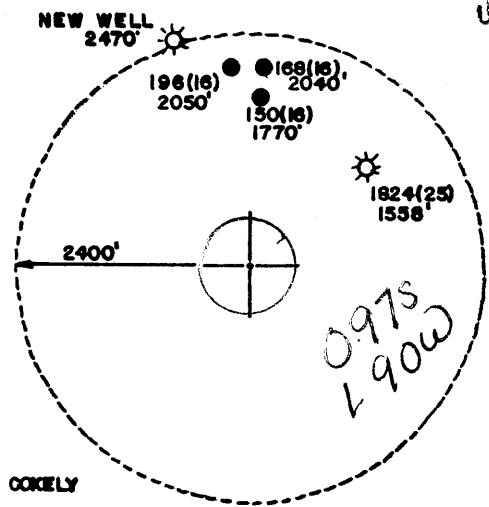
1334 PERMIT

FORM IV-6 (8-78) H.T. HALL

mw 12/1/84

10,060' LATITUDE 39°20'00"

CODE _____ CARD _____ PLOT _____

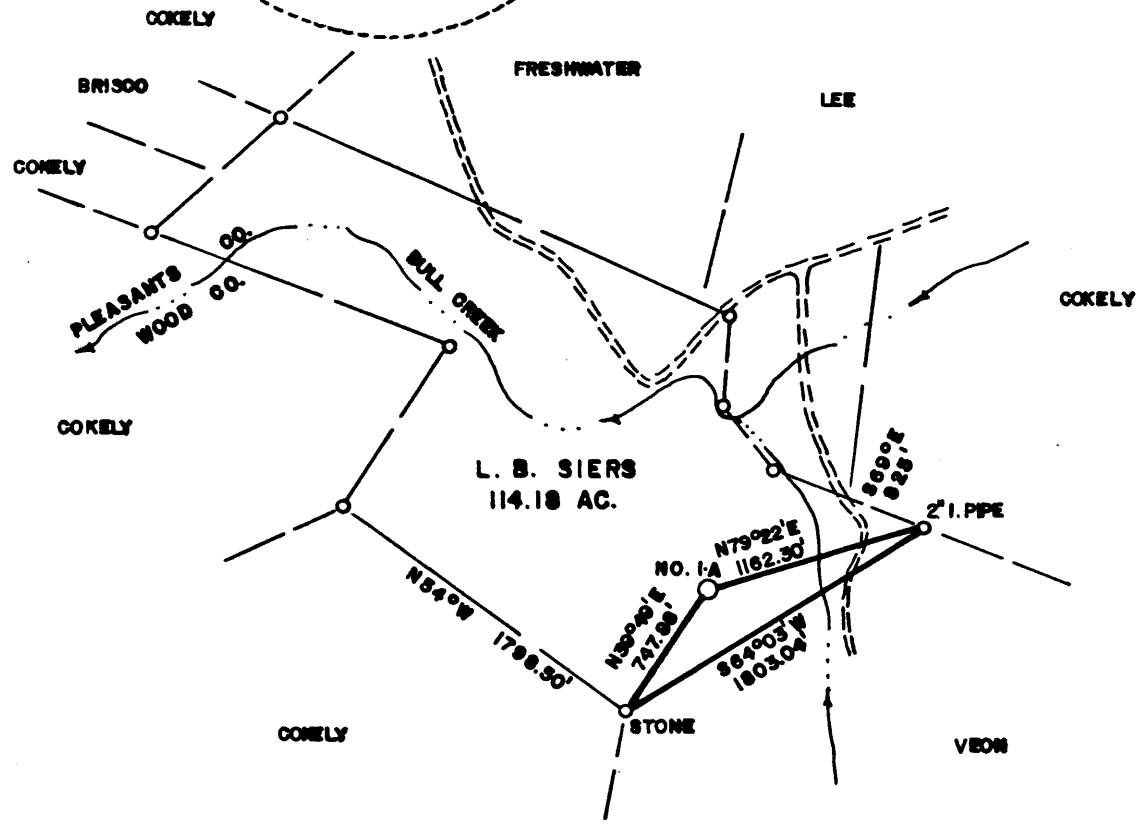


LAND SURVEYING SERVICES
1412 N. 18TH ST.
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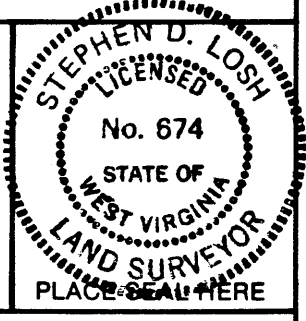
NORTH



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

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 1000'
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PROVEN SOURCE OF ELEVATION BM 1600' N OF LOCATION ELEV. - 623'

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(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 NOVEMBER 15, 1984
OPERATOR'S WELL NO. L.B. No. 1
API WELL NO. 47-107-1334
STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
LOCATION: ELEVATION 656' WATER SHED BULL CREEK
DISTRICT UNION 8 COUNTY WOOD
QUADRANGLE WILLOW ISLAND 7.5 min. Marietta 15' SE
SURFACE OWNER L.B. SIERS ACREAGE 114.18
OIL & GAS ROYALTY OWNER L.B. SIERS LEASE ACREAGE 114.18
LEASE NO. _____

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 DEVONIAN SHALE ESTIMATED DEPTH 5100'
WELL OPERATOR STONEWALL GAS COMPANY DESIGNATED AGENT CHARLES CANFIELD
ADDRESS P.O. DRAWER F ADDRESS P.O. DRAWER F
847 BUCKHANNON, WV 26201 BUCKHANNON, WV 26201

DEC 31 1984

FORM IV-6 (8-78)

COUNTY NAME PERMIT

RECEIVED

DEC 11 1984



1) Date: December 5, 19 84
2) Operator's Well No. L.B. #1 (260-S)
3) API Well No. 47 - 107 - 1334
State County Permit

OIL & GAS DIVISION
DEPT. OF MINES

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

- 4) WELL TYPE: A Oil X / Gas X
B (If "Gas", Production X / Underground storage / Deep / Shallow X)
5) LOCATION: Elevation: 656 Watershed: Bull Creek
District: Union County: Wood Quadrangle: Willow Island
6) WELL OPERATOR Stonewall Gas Company
Address PO Drawer F 47850 Buckhannon, WV 26201
7) DESIGNATED AGENT Charles W. Canfield
Address PO Drawer F Buckhannon, WV 26201
8) OIL & GAS INSPECTOR TO BE NOTIFIED
Name Glen P. Robinson (489-9162)
Address Rt. 1, #6, Mt. Pleasant Estate Mineral Wells, WV 26150
9) DRILLING CONTRACTOR:
Name S. W. Jack
Address Buckhannon, WV 26201
10) PROPOSED WELL WORK: Drill X / Drill deeper / Redrill / Stimulate X
Plug off old formation / Perforate new formation
Other physical change in well (specify)
11) GEOLOGICAL TARGET FORMATION, Devonian Shale
12) Estimated depth of completed well, 5100 feet
13) Approximate trata depths: Fresh, 250 feet; salt, 1665 feet.
14) Approximate coal seam depths: 92, 163 Is coal being mined in the area? Yes / No X

15) CASING AND TUBING PROGRAM

Table with columns: CASING OR TUBING TYPE, SPECIFICATIONS (Size, Grade, Weight per ft., New, Used), FOOTAGE INTERVALS (For drilling, Left in well), CEMENT FILL-UP OR SACKS (Cubic feet), PACKERS (Kinds, Rule, Sizes, Depths, Perforations: Top, Bottom)

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-107-1334 Date December 11, 19 84

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 December 11, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Table with columns: Bond, Agent, Plat, Casing, Fee. Values: 150, MTH, MTH, MTH, 1863

Margaret J. [Signature]

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