

Amc 7/29/89

10680'

LATITUDE 39° 15' 00"

WELL REFERENCES:

N5°E, 113.50' TO 2" POPLAR
N67°30'W, 116.50' TO 6" HICKORY

FOREMAN

DENNISON

SURFACE LINES

NO. 1

MILLS

S29°26'E,
867.43'

S33°W, 676.50'

1605
2025

N40°W,
693'

N8°31'E,
1079.16'

FOREMAN

7.5'

S62°W, 663.88'

22" TWIN CHESTNUT OAK

NORTH

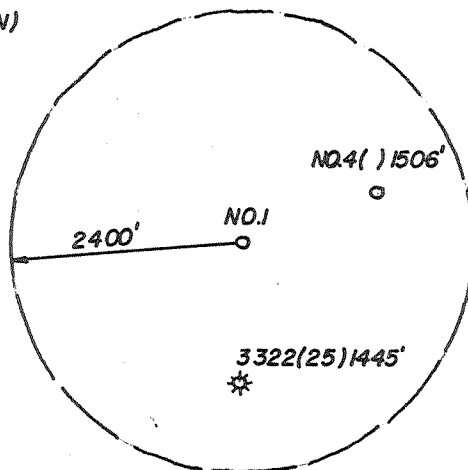
CLEVINGER

24" OAK (DOWN)

GAIN

S56°30'W, 231'

GAIN



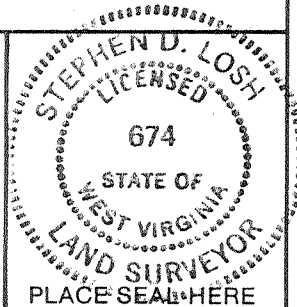
LAND SURVEYING SERVICES
21 CEDAR LANE
BRIDGEPORT, WV 26330
PHONE: 304-842-2018

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

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 400'
MINIMUM DEGREE OF
ACCURACY 1 IN 200
PROVEN SOURCE OF
ELEVATION ROAD INT. 4355' NE.
OF LOC. AT ELEV. 904'

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 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 JULY 8, 19 88
OPERATOR'S WELL NO. E-34
API WELL NO. BARNES NO. 1

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
LOCATION: ELEVATION 1151' WATER SHED BUCKEYE CREEK
DISTRICT GREENBRIER COUNTY DODDRIDGE

47 - 017 - 3662
STATE COUNTY PERMIT

Cancelled

SURFACE OWNER DENNIS FOREMAN ACREAGE 89
OIL & GAS ROYALTY OWNER BARNES LEASE ACREAGE 25

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 ___
TARGET FORMATION ALEXANDER ESTIMATED DEPTH 5800'
WELL OPERATOR EXCEL ENERGY, INC. DESIGNATED AGENT HARRY BARNETT
ADDRESS P.O. BOX 1020 ADDRESS P.O. BOX 1020
BRIDGEPORT, WV 26330 BRIDGEPORT, WV 26330

LONGITUDE 80° 35' 00"

COUNTY NAME

PERMIT

FORM WW-6
H.T. HALL 48673

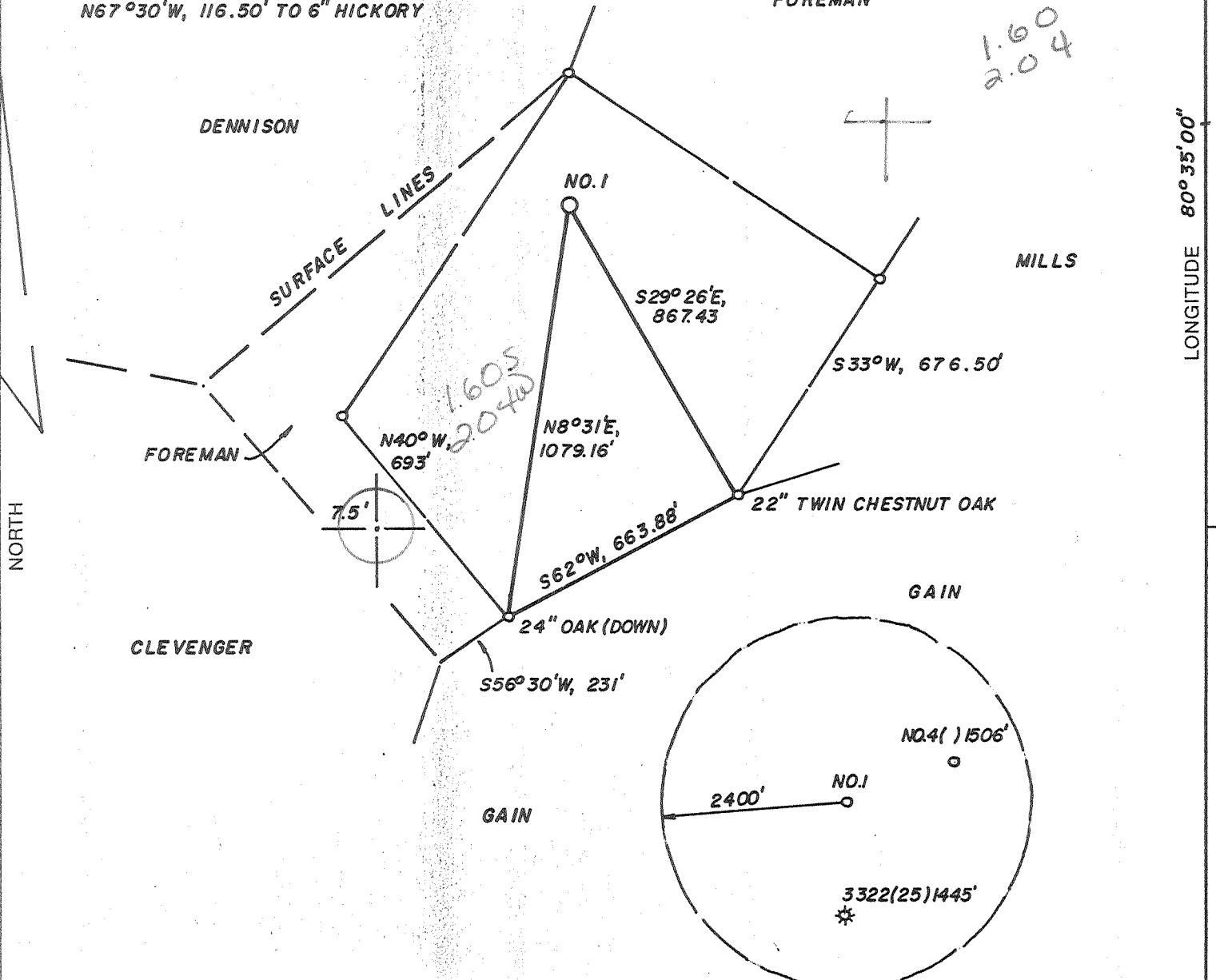
Done 7/29/88

10880'

LATITUDE 39° 15' 00"

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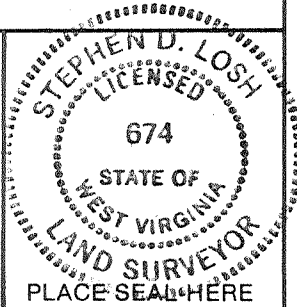


LAND SURVEYING SERVICES
21 CEDAR LANE
BRIDGEPORT, WV 26330
PHONE: 304-842-2018

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FILE NO. _____
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SCALE 1" = 400'
MINIMUM DEGREE OF ACCURACY 1 IN 200
PROVEN SOURCE OF ELEVATION ROAD INT. 4355' NE. OF LOC. AT ELEV. 904'

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(SIGNED) Stephen D. Losh
R.P.E. _____ L.L.S. NO. 674
STEPHEN D. LOSH



STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



DATE JULY 8, 19 88
OPERATOR'S WELL NO. E-34
API WELL NO. BARNES NO. 1

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
LOCATION: ELEVATION 1151' WATER SHED BUCKEYE CREEK
DISTRICT GREENBRIER COUNTY DODDRIDGE
QUADRANGLE BIG ISAAC 7.5 252 123 2
SURFACE OWNER DENNIS FOREMAN ACREAGE 89
OIL & GAS ROYALTY OWNER BARNES LEASE ACREAGE 25
LEASE NO. _____
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 ___
TARGET FORMATION ALEXANDER ESTIMATED DEPTH 5800'
WELL OPERATOR EXCEL ENERGY, INC. DESIGNATED AGENT HARRY BARNETT
ADDRESS P.O. BOX 1020 ADDRESS P.O. BOX 1020
BRIDGEPORT, WV 26330 BRIDGEPORT, WV 26330

AUG 5 - 1988

FORM WW-6
H.T. HALL 48673

COUNTY NAME
PERMIT

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

- 1) Well Operator: EXCEL ENERGY, INC. 16570, 4, 252
- 2) Operator's Well Number: E-34 3) Elevation: 1151
- 4) Well type: (a) Oil ___ / or Gas X /
 (b) If Gas: Production X / Underground Storage ___ /
 Deep ___ / Shallow X /
- 5) Proposed Target Formation(s): ALEXANDER 33
- 6) Proposed Total Depth: 5800 feet
- 7) Approximate fresh water strata depths: 100, 830
- 8) Approximate salt water depths: _____
- 9) Approximate coal seam depths: 240-45
- 10) Does land contain coal seams tributary to active mine? Yes ___ / No X /
- 11) Proposed Well Work: Drill & Stimulate
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT	
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor	11 3/4			30	0	SANDED IN
Fresh Water						38CSR18-11.3
Coal						O.K. ALL
Intermediate	8 5/8		20 #	1250	1250	300 SKS
Production	4 1/2		10.5 #	5700	5700	38CSR18-11.1 400 SKS
Tubing						
Liners						

RECEIVED
 JUL 22 1988

PACKERS : Kind _____
 Sizes _____
 Depths set _____

DIVISION OF OIL & GAS
 DEPARTMENT OF ENERGY

For Division of Oil and Gas Use Only

Fee(s) paid: 2030 Well Work Permit 2030 Reclamation Fund 2030 WPCP 2030

Plat 2030 WW-9 2030 WW-2B 2030 Bond 50 Blanket Agent 2030

(Type)

RECEIVED
JUL 22 1988

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

1) Date: JULY 12, 1988
2) Operator's well number
E-34
3) API Well No: 47 - 017 - 3662
State - County - Permit

4) Surface Owner(s) to be served:
(a) Name DENNIS FOREMAN
Address RT. 1 BOX 341
SALEM, WV 26426
(b) Name _____
Address _____
(c) Name _____
Address _____
6) Inspector MIKE UNDERWOOD
Address RT. 2 BOX 114
SALEM, WV 26426
Telephone (304)- 782-1043

5) (a) Coal Operator:
Name _____
Address _____
(b) Coal Owner(s) with Declaration
Name WILLIS G. TETRICK, JR.
Address _____
Name _____
Address _____
(c) Coal Lessee with Declaration
Name _____
Address _____

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.



OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
KELLY R. OSBORN
901 W. Main St., Suite 201
Bridgeport, W. Va. 26330
MY COMMISSION EXPIRES JULY 16, 1996

Well Operator EXCEL ENERGY, INC.
By: H. L. BARNETT
Its. PRESIDENT
Address P.O. BOX 1020
BRIDGEPORT, WV 26330
Telephone (304) 842-6927

Subscribed and sworn before me this 12TH day of JULY, 1988

Kelly R. Osborn

Notary Public

My commission expires 7-16-96