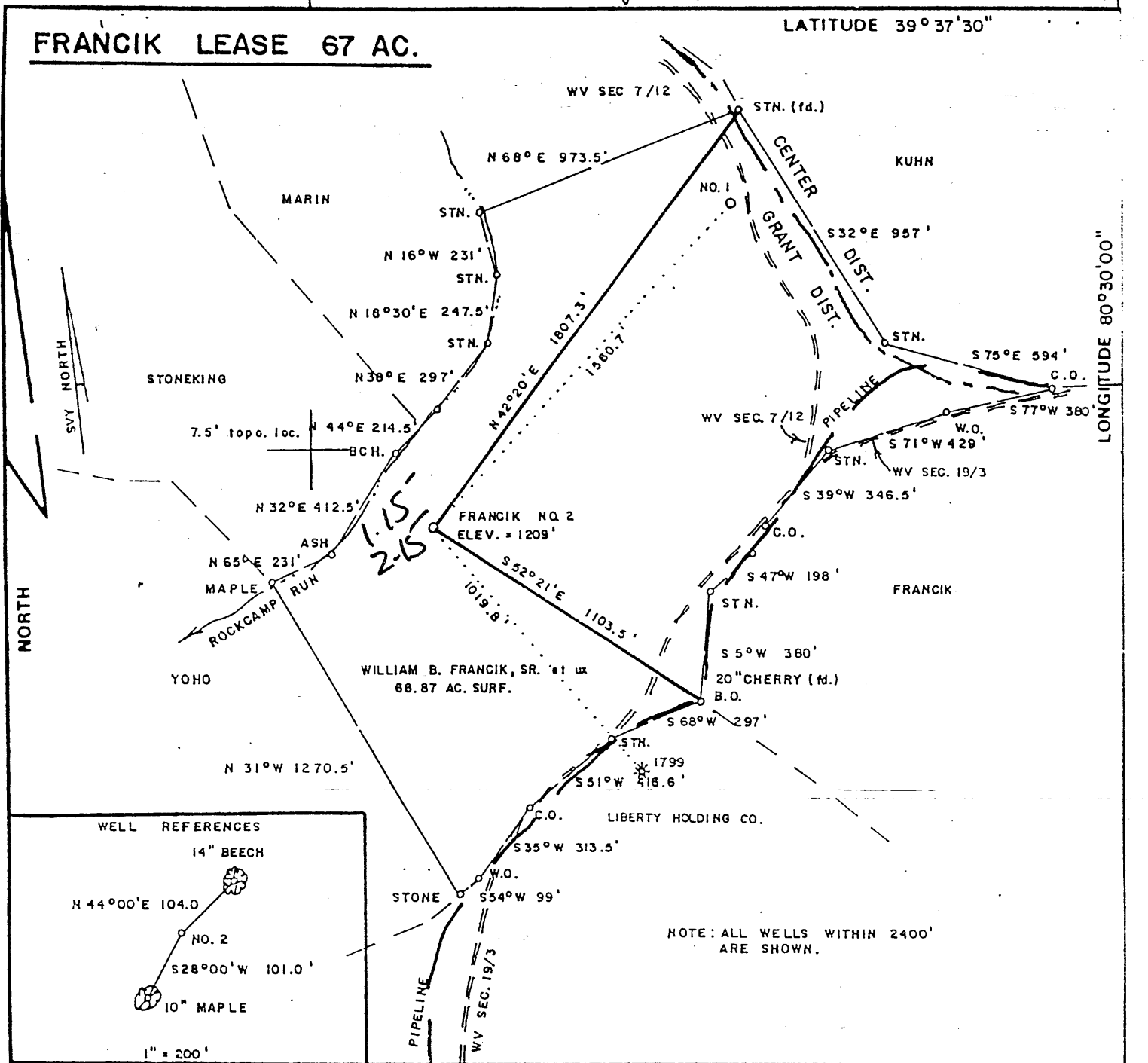


11,300' W

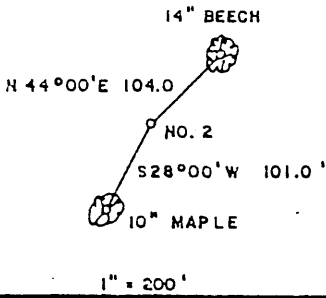
LATITUDE 39° 37' 30"

LONGITUDE 80° 08' 00"

FRANCIK LEASE 67 AC.



WELL REFERENCES



NOTE: ALL WELLS WITHIN 2400' ARE SHOWN.

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION BM E. SIDE LEASE
ELEV. = 1541'

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.

Mark C. Echard
 (SIGNED) MARK C. ECHARD
 R.P.E. _____ L.L.S. 490



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

FORM IV-6 (8-78)



DATE JUNE 2, 2000
 OPERATOR'S WELL NO. FRANCIK NO. 2
 API WELL NO. 47-103-01806
 STATE WEST VIRGINIA COUNTY WETZEL PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1209' WATER SHED ROCKCAMP RUN OF WILLEY FORK
 DISTRICT GRANT COUNTY WETZEL
 QUADRANGLE BIG RUN 7.5'

SURFACE OWNER WILLIAM B. FRANCIK, SR., et ux ACREAGE 66.87
 OIL & GAS ROYALTY OWNER WILLIAM B. FRANCIK, SR., et ux LEASE ACREAGE 67
 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) _____

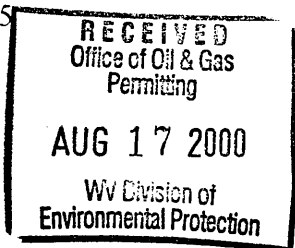
PLUG AND ABANDON CLEAN OUT AND REPLUG
 TARGET FORMATION SPEECHLEY ESTIMATED DEPTH 3900'
 WELL OPERATOR D.A.C. DESIGNATED AGENT KENNETH MASON
 ADDRESS P.O. BOX 99 ADDRESS P.O. BOX 99
ALMA, WV 26302 ALMA, WV 26302

JUN 16 2000

6-6-45

BIAS BLUEPRINT Huntington, W.V. 579536

WET 1806



State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

Flow: _____

Well Operator's Report of Well Work

Farm Name: Francik
Location: Elevation: 1209'
District: Grant
Latitude: 6150 Feet South of
Longitude: 11300 Feet West of

Operators Well No.: Francik #2
Quadrangle: Big Run 7.5'
County: Wetzel
39 Deg. 37 min. 30sec.
80 Deg. 30 min. 00sec.

Company: D.A.C.
P. O. 99
Alma WV 26320

casing used in left cement
tubing drilling in well fill up sks

Agent: Kenneth Mason

09 5/8 225 209 85 sks

Inspector: Randall Mick

Permit Issued: 06/15/00

6 5/8 1685 1647 150 sks

Well Work Commenced: 07/24/00

Well Work Completed: 08/01/00

4 1/2 3365 3253 150 sks

Rotary X Cable _____ Rig

Total Depth (feet) 3365'

Fresh Water Depths (ft) 1720'

Salt Water Depths (ft) N/A

Is coal being mined in area (Y/N) N

Coal Depths (ft): 969'

OPEN FLOW DATA

Producing formation 5th

Pay zone depth (ft) 3133-3138

Gas: Initial open flow 34 MCF/D

Oil: Initial open flow 0 BBL/D

Final open flow 318 MCF/D

Final open Flow show BBL/D

Static Rock Pressure _____

psig (surface pressure) after 48 Hours

Second producing formation Bayard

Pay zone depth (ft) 2770-2775

Gas: Initial open flow * MCF/D

Oil: Initial open flow 0 BBL/D

Final open flow * MCF/D

Final open flow 0 BBL/D

static rock pressure *

psig (surface pressure) after * Hours

* = commingled zones

For: D.A.C.

By: Randall Mick

Date: 08-10-00

AUG 27 2000

ME 1800

Stage	Formation	Perfs	Sand	N2
08-07-00	Francik #2			
1	4th, 5th	2770-3170 18 holes	300 sks	319,000 scf

ISIP = 3071#

5 min = 2432#

Drillers Log

Formation	Top	Bottom	
Fill	0	10	
Sd/Sh	10	110	
Sd	110	395	
Sd/Sh	395	680	damp @ 110'
Sd	680	877	
Sd/Sh	877	969	
Coal	969	980	1/2" strm @ 1720'
Sd/Sh	980	1186	
RR	1186	1309	
Sd/Sh	1309	2188	
BL	2188	2270	
Sd	2270	2343	
Sh	2343	2675	
Sd	2675	2690	
Sh	2690	2915	gas ck @ 2500 = 36 mcfs
Sd	2915	3047	
Sh	3047	3365	
Td	3365		gas ck @ Td = 34 mcfs

Electric Log Tops

Formation	Depth top
Big Lime	2192
Big Injun	2250
Berea	2565
Gordon	2993
4th	3086