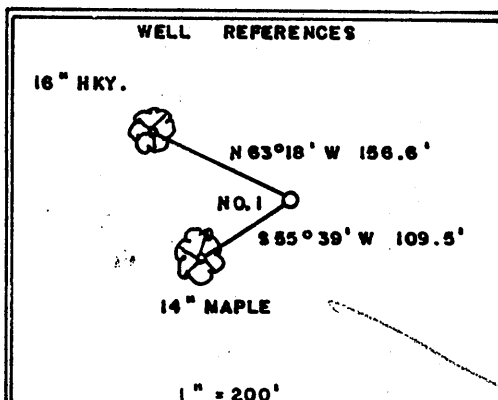
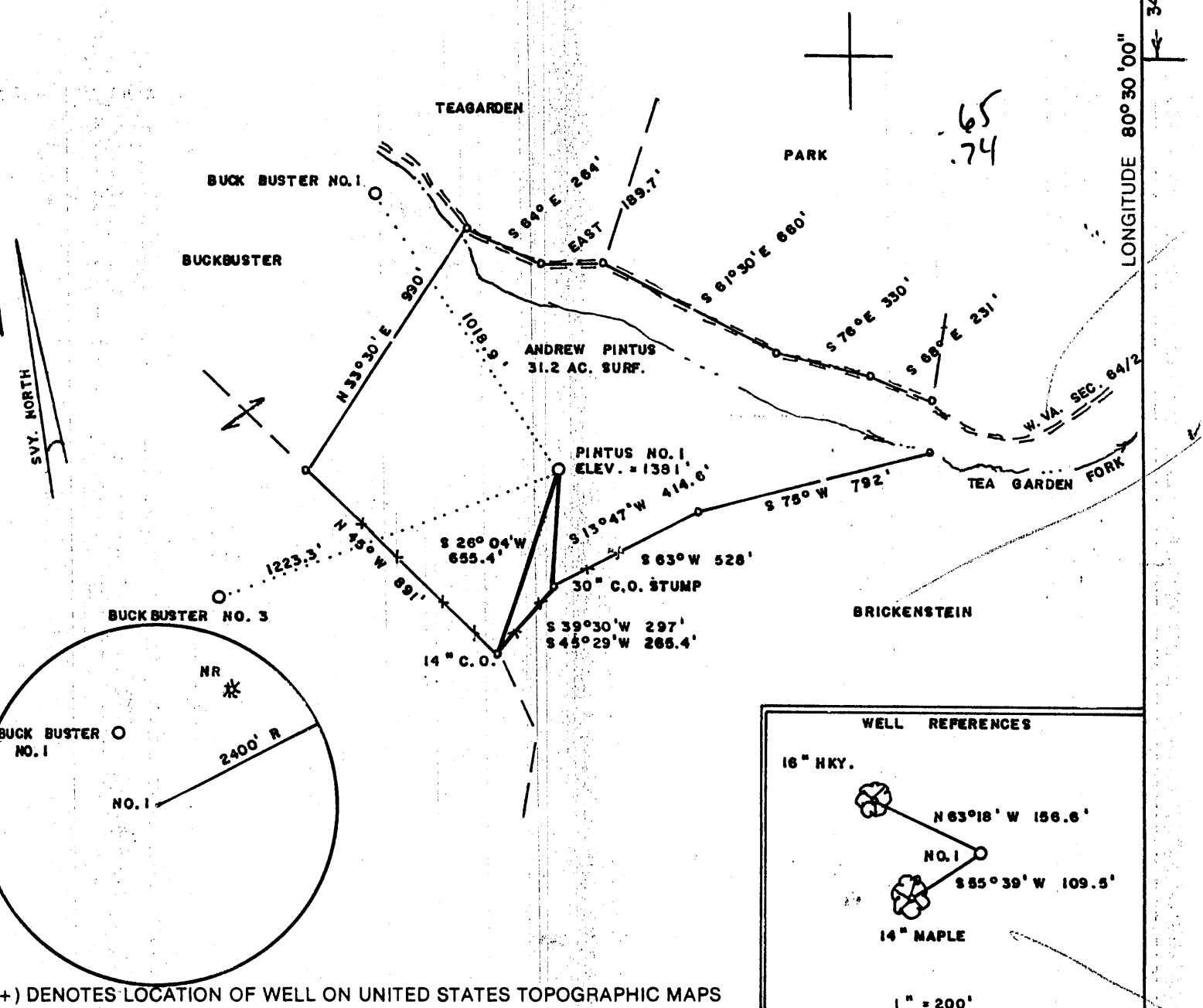


**PINTUS LEASE 31.2 AC.**

LATITUDE 39° 37' 30"

3900' W

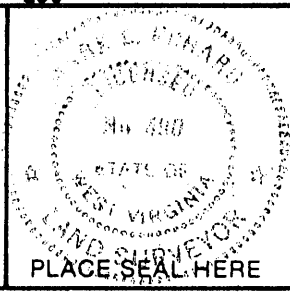
LONGITUDE 80° 03' 00"



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

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1/200  
 PROVEN SOURCE OF ELEVATION BM - NE OF LEASE  
 ELEV. = 1101'

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) Mark C. Echard  
 R.P.E. \_\_\_\_\_ L.L.S. 490



STATE OF WEST VIRGINIA  
 Division of Environmental Protection  
 OFFICE OF OIL AND GAS

DATE JULY 31, 2002  
 OPERATOR'S WELL NO. PINTUS NO. 1  
 API WELL NO. \_\_\_\_\_

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS,") PRODUCTION  STORAGE  DEEP  SHALLOW

LOCATION: ELEVATION 1381' WATER SHED TEA GARDEN FORK  
 DISTRICT CHURCH COUNTY WEIZEL  
 QUADRANGLE BIG RUN 7.5'

SURFACE OWNER ANDREW PINTUS ACREAGE 31.2  
 OIL & GAS ROYALTY OWNER ANDREW PINTUS, et al LEASE ACREAGE 31.2  
 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 MR. KENNETH MASON  
 ADDRESS P.O. BOX 99 ADDRESS P.O. BOX 99  
 ALMA, WV 26320 ALMA, WV 26320

COUNTY NAME WEIZEL  
 PERMIT 1888

AUG 9 2002

State of West Virginia  
Department of Environmental Protection  
Office of Oil and Gas

Well Operator's Report of Well Work

Farm name: Pinius

Operator Well No.: Pinius #1

LOCATION: Elevation: 1,381'

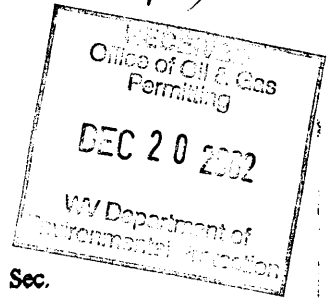
Quadrangle: Big Run 7.5'

District: Church

County: Wetzel

Latitude: 3,440 Feet South of  
Longitude 3,500 Feet West of

39 Deg. 37 Min. 30 Sec.  
80 Deg. 30 Min. 00 Sec.



Company: D.A.C.	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address:				
Box 99 Alma WV 26320	9 5/8	225	215	68 sks
Agent: Kenneth Mason				
Inspector: Steven Mossor	6 5/8	1750	1731	100 sks
Date Permit Issued: 08/08/2002				
Date Well Work Commenced: 09/08/02	4 1/2	3628	3491	170 sks
Date Well Work Completed: 09/14/02				
Verbal Plugging:				
Date Permission granted on:				
Rotary X Cable Rig				
Total Depth (feet): 3628'				
Fresh Water Depth (ft.): 1960'				
Salt Water Depth (ft.): N/A				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.):				

OPEN FLOW DATA

Producing formation Gordon/4th Pay zone depth (ft) 3170-3340  
 Gas: Initial open flow 502 MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
 Final open flow 400 MCF/d Final open flow \_\_\_\_\_ Bbl/d  
 Time of open flow between initial and final tests \_\_\_\_\_ Hours  
 Static rock Pressure 250# psig (surface pressure) after 48 Hours

Second producing formation Big Injun Pay zone depth (ft) 2415-2490  
 Gas: Initial open flow \* \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
 Final open flow \* \_\_\_\_\_ MCF/d Final open flow \_\_\_\_\_ Bbl/d  
 Time of open flow between initial and final tests \_\_\_\_\_ Hours  
 Static rock Pressure \_\_\_\_\_ psig (surface pressure) after \_\_\_\_\_ Hours

\* = commingled zones

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS,

Signed:

By: President (D.A.C.)  
Kenneth Mason

JAN 17 2003

WET 1888

Pintus #1

Stage #1	perfs	sand	avg rate	isip
Gordon 4th	3172-3334	250 sks	24 bpm	2958#
#2 Big Injun	2416-2488	250 sks	24 bpm	2342#

Drillers Log

Sh	0	58	
Sd/Sh	58	260	
Sd	260	345	
Sd/Sh	345	620	3/4" strum @ 1960'
Sd	620	1020	
Sd/Sh	1020	1214	
RR	1214	1930	
Sd/Sh	1930	2330	
BL	2330	2434	
Sd	2434	2555	gas ck @ 2503 = no show
Sd/Sh	2555	3190	gas ck @ 2590 = 76/10 - 1" w/w
Sd	3190	3345	gas ck @ 3259 = 85/10 - 2" w/w
Sd/Sh	3345	3415	
Sd	3415	3436	
Sd/Sh	3435	3628	gas ck @ Td = 28/10 - 2" w/w
Td	3628		

Electric Log Tops

Big Lime	2382
Berea	2735
Gordon	3178

