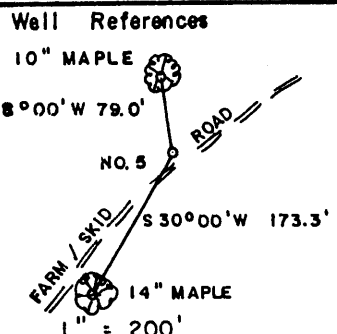
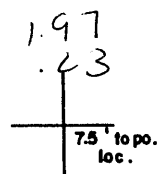
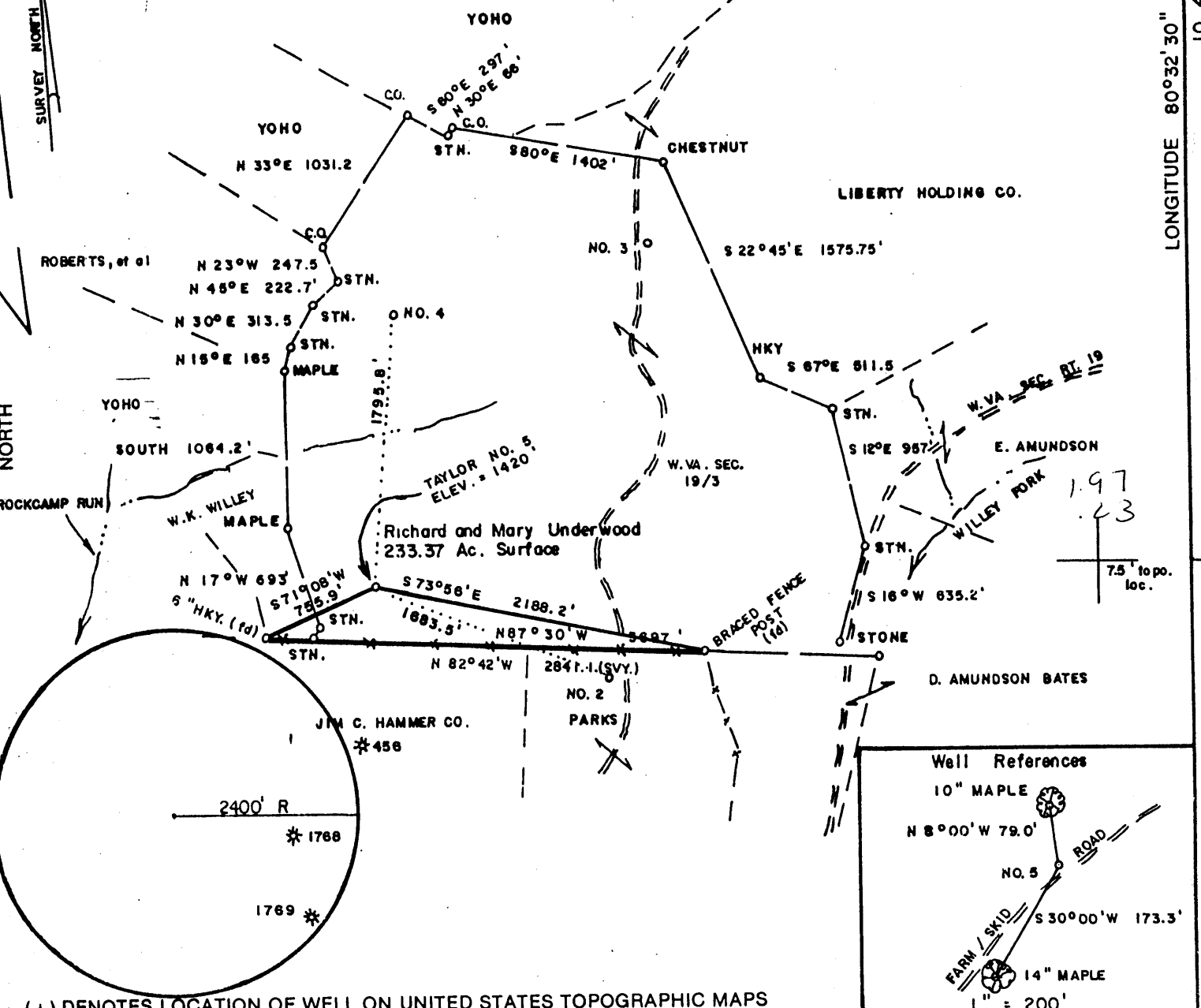


# TAYLOR LEASE 233.37 AC.

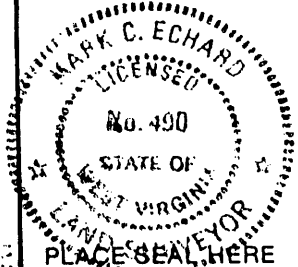
LONGITUDE 80° 32' 30" S



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

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1/200  
 PROVEN SOURCE OF ELEVATION BM EAST OF LOC.  
 ELEV. = 1387'

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. NO. 490



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



DATE JUNE 21, 1999  
 OPERATOR'S WELL NO. TAYLOR NO. 5  
 API WELL NO. \_\_\_\_\_

47 103 01789  
 STATE COUNTY PERMIT

WELL TYPE: OIL \_\_\_ GAS  LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION  STORAGE \_\_\_ DEEP \_\_\_ SHALLOW   
 LOCATION: ELEVATION 1420' WATERSHED ROCKCAMP RUN OF WILLY FORK  
 DISTRICT GRANT COUNTY WETZEL

QUADRANGLE BIG RUN 7.5'  
 SURFACE OWNER RICHARD AND MARY UNDERWOOD ACREAGE 233.37  
 OIL & GAS ROYALTY OWNER ZELMA I. TAYLOR, et al LEASE ACREAGE 233.37

PROPOSED WORK: DRILL  CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) 6-6 45

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 26320 ALMA, WV 26320

COUNTY NAME WETZEL  
PERMIT 1789

AUG 09 1999

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

*WGP*

Well Operator's Report of Well Work

Farm Name: Underwood  
Location: Elevation: 1420'  
District: Grant  
Latitude: 1200 Feet South of  
Longitude: 10400 Feet West of

Operators Well No.: Taylor #5  
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

9 5/8 235 206 68

Inspector: Randall Mick

Permit Issued: 08/03/99

6 5/8 2125 2064 200

Well Work Commenced: 08/28/99

Well Work Completed: 09/02/99

4 1/2 3584 3502 175

Rotary X Cable \_\_\_\_\_ Rig

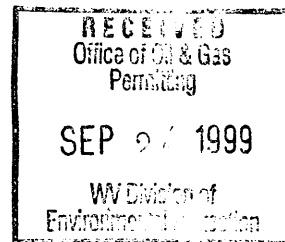
Total Depth (feet) 3584'

Fresh Water Depths (ft) 1928'

Salt Water Depths (ft) N/A

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

Coal Depths (ft): N/A'



OPEN FLOW DATA

Producing formation 4th, Gordon

Pay zone depth (ft) 3230-3310

Gas: Initial open flow 75 MCF/D

Oil: Initial open flow 0 BBL/D

Final open flow 474 MCF/D

Final open Flow show BBL/D

Static Rock Pressure 525

psig (surface pressure) after 48 Hours

Second producing formation 50'

Pay zone depth (ft) 2970-3108

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: *[Signature]*

Date: 09-20-99

SEP 27 1999

WET 1789

Stage	Formation	Perfs	Sand	N2
09-13-99	Taylor # 5			
1	4th, Gordon	3233-3311 17 holes	250 sks	293,000 scf
2	50'	2975-3139 16 holes	200 sks	240,000 scf

ISIP = 2272#  
5 min = 2143#

#### Drillers Log

Formation	Top	Bottom	
Fill	0	10	
RR	10	20	
Sd/Sh	20	367	
RR	367	373	damp @ 1928
Sd/Sh	373	620	
RR	620	622	
Sd/Sh	622	1924	
Coal	1924	1928	
Sd/Sh	1928	2339	
LL	2339	2360	
Sh	2360	2365	
BL	2365	2440	
Sd	2440	2615	
Sd/Sh	2615	3190	gas ck @ 3272 = ns
Sd	3190	3250	gas ck @ 3352 = 06/10 in 1" w/w
Sd/Sh	3250	3584	gas ck @ 3555 = 50/10 in 1" w/w
TD	3584		

#### Electric Log Tops

Formation	Depth top
Big Lime	2374
Big Injun	2450
Berea	2762
Gordon	3188
4th	3183

