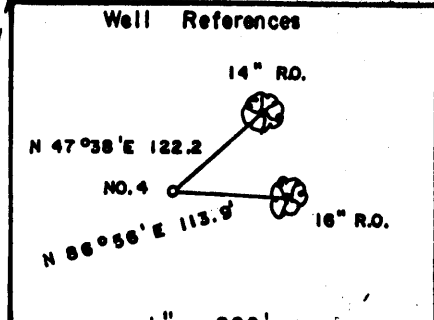
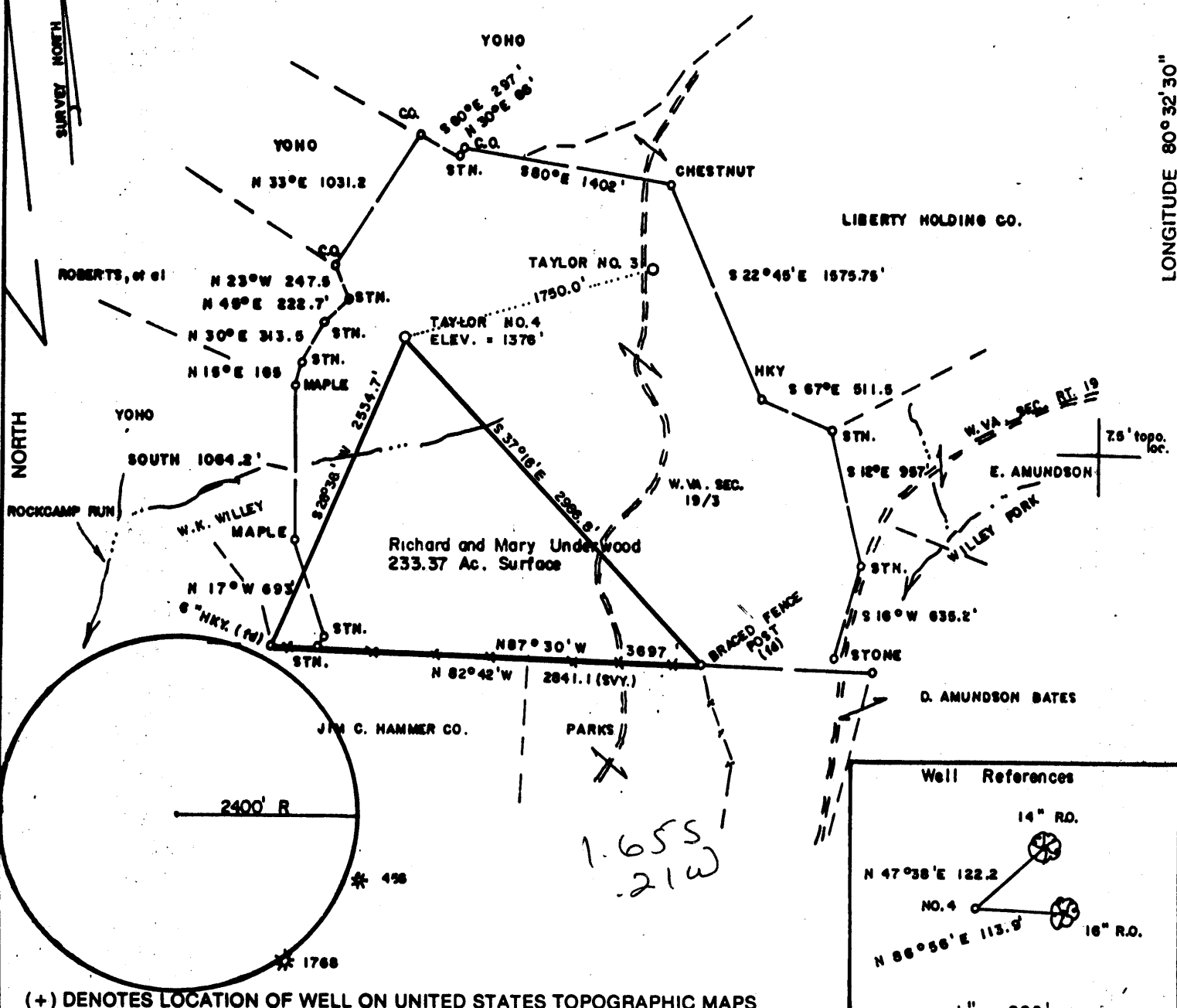


LATITUDE 39° 37' 30"

1100' W

TAYLOR LEASE 233.37 AC.

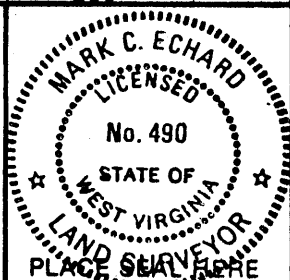
Janice 6/16/99



(+) 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 SOUTH 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. 490



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

DATE MAY 10, 19 99
 OPERATOR'S WELL NO. TAYLOR NO. 4
 API WELL NO. 47-103-01783
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION 1376' WATERSHED 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
 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) 6-6 4B

PLUG AND ABANDON CLEAN OUT AND REPLUG

TARGET FORMATION SPEECHLEY ESTIMATED DEPTH 3900'
 WELL OPERATOR D.A.C. DESIGNATED AGENT KENNETH MASON JUN 22 1999
 ADDRESS P.O. BOX 99 ADDRESS P.O. BOX 99
ALMA, WV 26320 ALMA, WV 26320

COUNTY NAME WETZEL
PERMIT 1783

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

VED

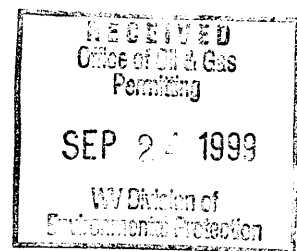
Well Operator's Report of Well Work

Farm Name: Underwood	Operators Well No.: Taylor #4
Location: Elevation: 1376'	Quadrangle: Big Run 7.5'
District: Grant	County: Wetzell
Latitude: 1100 Feet South of	39 Deg. 37 min. 30sec.
Longitude: 11200 Feet West of	80 Deg. 30 min. 00sec.

Company: D.A.C.				
P. O. 99	casing	used in	left	cement
Alma, WV 26320	tubing	drilling	in well	fill up sks

Agent: Kenneth Mason

Inspector: Randall Mick	9 5/8	235	204	68
Permit Issued: 06/16/99	6 5/8	2045	1977	200
Well Work Commenced: 08/21/99				
Well Work Completed: 08/26/99	4 1/2	3555	3442	175
Rotary <u>X</u> Cable _____ Rig				
Total Depth (feet) <u>3555'</u>				
Fresh Water Depths (ft) <u>265'</u>				
Salt Water Depths (ft) <u>N/A</u>				
Is coal being mined in area (Y/N) <u>N</u>				
Coal Depths (ft): <u>N/A'</u>				



OPEN FLOW DATA

Producing formation <u>4th, Gordon</u>	Pay zone depth (ft) <u>3180-3284</u>
Gas: Initial open flow <u>231</u> MCF/D	Oil: Initial open flow <u>0</u> BBL/D
Final open flow <u>2000</u> MCF/D	Final open Flow <u>show</u> BBL/D
Static Rock Pressure <u>120</u>	psig (surface pressure) after <u>48</u> Hours

Second producing formation <u>Big Injun</u>	Pay zone depth (ft) <u>2384-2398</u>
Gas: Initial open flow <u>*</u> MCF/D	Oil: Initial open flow <u>0</u> BBL/D
Final open flow <u>*</u> MCF/D	Final open flow <u>0</u> BBL/D
static rock pressure <u>*</u>	psig (surface pressure) after <u>*</u> Hours

* = commingled zones

For: D.A.C.

By: *Kenneth Mason*

Date: 09-20-99

SEP 27 1999

WET 1783

Stage	Formation	Perfs	Sand	N2
09-07-99	Taylor # 4			
1	4th, Gordon	3183-3284 16 holes	200 sks	256,000 scf
2	Big Injun	2366-2398 16 holes	250 sks	262,000 scf

ISIP = 2449#
5 min = 2139#

Drillers Log

Formation	Top	Bottom	
Fill	0	20	
RR	20	143	
Sd/Sh	143	215	
RR	215	231	damp @ 143'
Sd/Sh	231	1080	
RR	1140	1147	
Sd/Sh	1147	2287	
LL	2287	2269	
Sh	2269	2298	
BL	2298	2390	
Sd	2390	2488	
Sd/Sh	2488	3150	
Sd	3150	3200	gas ck @ 3260 = odor
Sd/Sh	3200	3270	gas ck @ 3555 = 34/10 in 2" w/w
TD		3555	

Electric Log Tops

Formation	Depth top
Big Lime	2324
Big Injun	2380
Berea	2715
Gordon	3081
4th	3238

