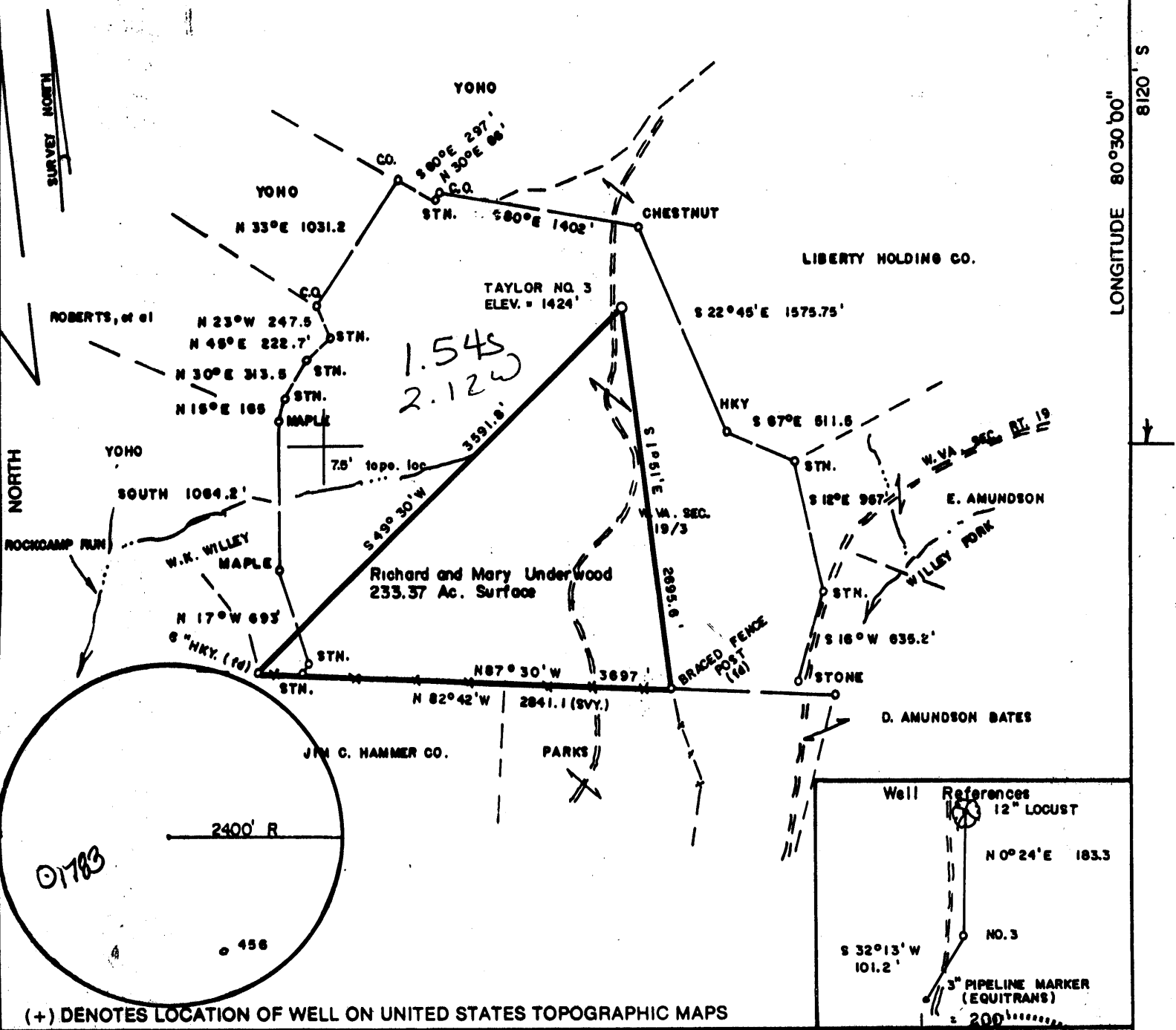


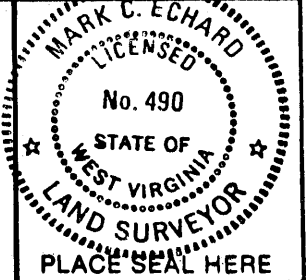
TAYLOR LEASE 233.37 AC.



(+) 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, 1999
 OPERATOR'S WELL NO. TAYLOR NO. 3
 API WELL NO. 47-103-01782
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION 1424' WATER SHED WILLEY 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) _____

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

S. 0218
 "00,06,08 EDUJIGNOT
 COUNTY NAME WET
 PERMIT 1782

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

W

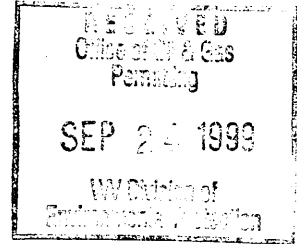
Well Operator's Report of Well Work

Farm Name: Underwood	Operators Well No.: Taylor #3
Location: Elevation: 1424'	Quadrangle: Big Run 7.5'
District: Grant	County: Wetzel
Latitude: 8120 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	206	75
Permit Issued: 06/16/99	6 5/8	2095	2054	250
Well Work Commenced: 08/14/99				
Well Work Completed: 08/19/99	4 1/2	3823	3442	175
Rotary <u>X</u> Cable _____ Rig				
Total Depth (feet) <u>3823'</u>				
Fresh Water Depths (ft) <u>1995'</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>3224-3314</u>
Gas: Initial open flow <u>84</u> MCF/D	Oil: Initial open flow <u>0</u> BBL/D
Final open flow <u>411</u> MCF/D	Final open Flow <u>show</u> BBL/D
Static Rock Pressure <u>165</u>	psig (surface pressure) after <u>48</u> Hours

Second producing formation <u>Big Injun</u>	Pay zone depth (ft) <u>2448-2544</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: *Randall D. Mick*

Date: 09-20-99

SEP 27 1999

WET 1782

Stage	Formation	Perfs	Sand	N2
08-30-99	Taylor # 3			
1	4th, Gordon	3230-3324 16 holes	300 sks	315,000 scf
2	Big Injun	2456-2579 16 holes	200 sks	225,000 scf

ISIP = 2800#
5 min = 2292#

Drillers Log

Formation	Top	Bottom	
Fill	0	10	
RR	10	15	
Sd/Sh	15	1080	
Coal	1080	1097	damp @ 45'
Sd/Sh	1097	1188	
Sd/Sh	1188	1450	
RR	1450	1505	1" fresh water @ 2174
Sd/Sh	1505	2353	
LL	2353	2368	
Sh	2368	2388	
BL	2388	2450	
Sd	2450	2640	
Sd/Sh	2640	3210	
Sd	3210	3361	gas ck @ 3362 = 18/10 in 1" w/w
Sd/Sh	3361	3823	gas ck @ 3823 = 04/10 in 1" w/w
TD	3823		

Electric Log Tops

Formation	Depth top
Big Lime	2390
Big Injun	2448
Berea	2770
Gordon	3207
4th	3296

