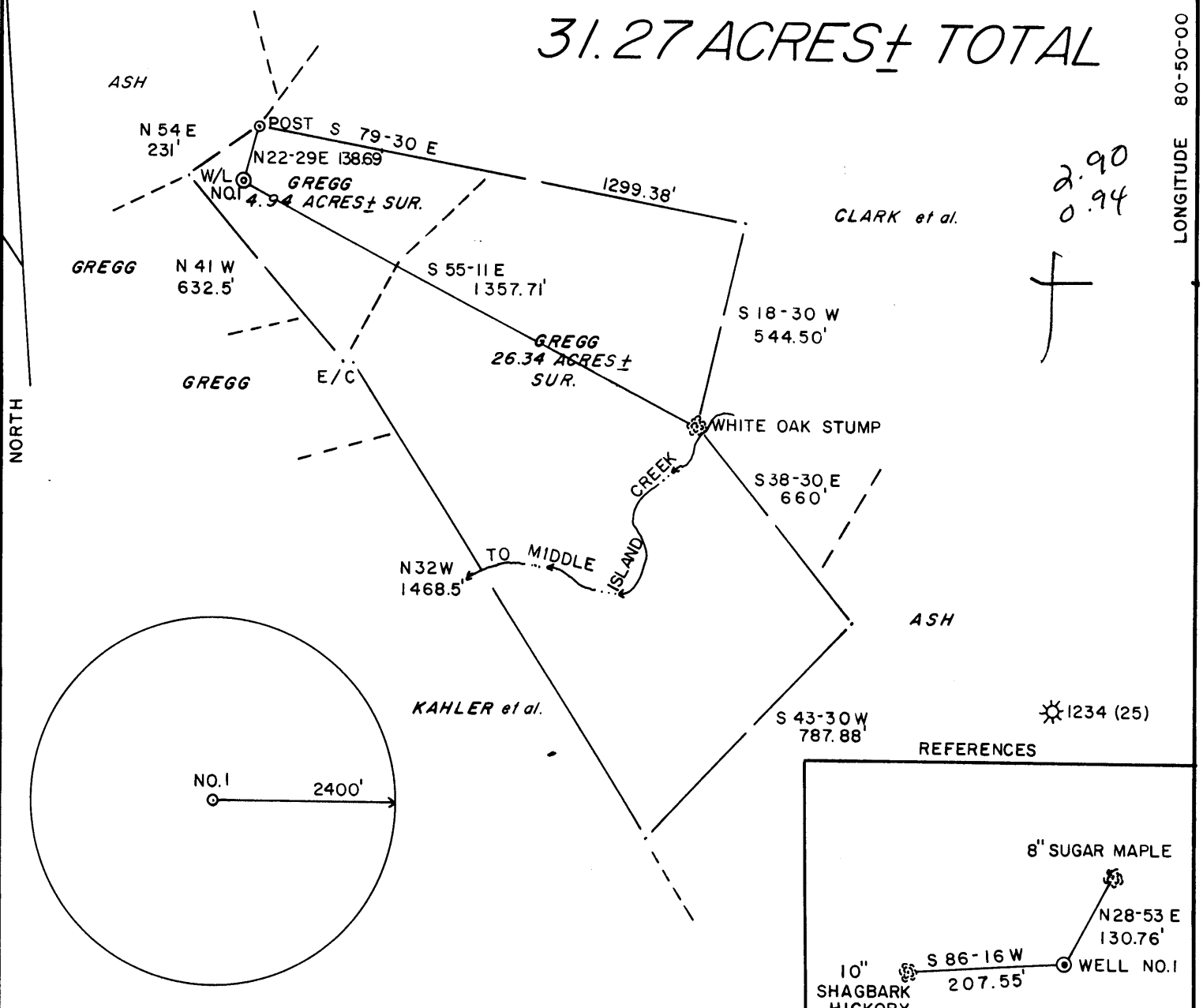


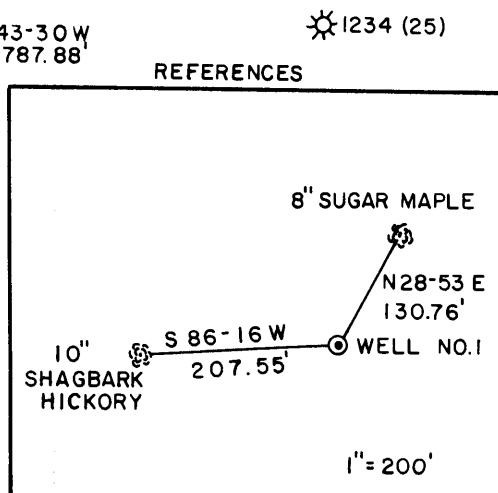
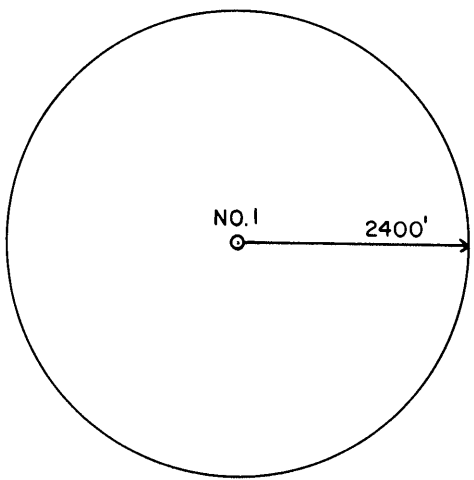
Jamie 7/3/89
GREGG LEASE

LATITUDE 39-22-30
WELL NO. 94

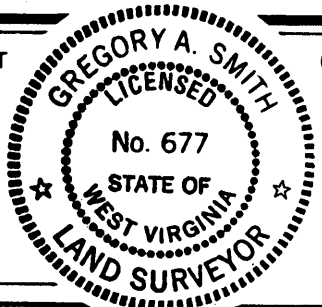
31.27 ACRES ± TOTAL



2.90
0.94



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.



L.L.S. 677 Gregory A. Smith

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE NOVEMBER 3, 19 88
OPERATORS WELL NO. GREGG NO. 1
API WELL NO. 47 - 095 - 1305
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 1932 (26 - 19)
PROVEN SOURCE OF ELEVATION B. M. ELEV. 734' SCALE 1" = 400'

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___ IF "GAS" PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
LOCATION: ELEVATION 830' WATERSHED LITTLE CAMP MISTAKE RUN QUADRANGLE WEST UNION 7.5' 671
DISTRICT CENTERVILLE 1 COUNTY TYLER ACREAGE 4.94 OF 31.27
SURFACE OWNER MILDRED GREGG LEASE ACREAGE 31.27
ROYALTY OWNER MILDRED GREGG et. al. LEASE NO. 5
PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___ OTHER ___
PHYSICAL CHANGE IN WELL (SPECIFY) ___ TARGET FORMATION BENSON ESTIMATED DEPTH 5000'

WELL OPERATOR The Coastal Corp. DESIGNATED AGENT William Carpenter
ADDRESS P.O. Box 4119 Parkersburg, W. 26104 195 ADDRESS Box 4119 Parkersburg, W. 26104
6-6 Wilbur (092) JUL 7 1989

COUNTY NAME
PERMIT

State of West Virginia
DEPARTMENT OF ENERGY
Division of Oil and Gas

Well Operator's Report of Well Work

Farm name: GREGG, MILDRED Operator Well No.: GREGG #7
LOCATION: Elevation: 830.00 Quadrangle: WEST UNION

District: CENTERVILLE County: TYLER
Latitude: 200 Feet South of 39 Deg. 22Min. 30 Sec.
Longitude 5000 Feet West of 80 Deg. 50 Min. 0 Sec.

Company: COASTAL CORP., THE
P. O. BOX 4119
PARKERSBURG, WV 26104-0000

Agent: WILLIAM E. CARPENTER

Inspector: GLEN P. ROBINSON
Permit Issued: 07/05/89
Well work Commenced: 7/19/89
Well work Completed: 7/31/89
Verbal Plugging
Permission granted on: N/A
Rotary x Cable Rig
Total Depth (feet)
Fresh water depths (ft) 5016'

Salt water depths (ft) 1175'

Is coal being mined in area (Y/N)? N
Coal Depths (ft): N/A

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
11 3/4	125'	125'	118 cuft
8 5/8	1727	1727	541 cuft
4 1/2	4882'	4882'	503 cuft

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AUG 14 1989

OPEN FLOW DATA

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Producing formation Benson/Riley Pay zone depth (ft) 4751-4756
 Gas: Initial open flow 1100 MCF/d Oil: Initial open flow 0 Bbl/d
 Final open flow 800 MCF/d Final open flow 0 Bbl/d
 Time of open flow between initial and final tests 0 Hours
 Static rock Pressure 1750 psig (surface pressure) after 24 Hours

Second producing formation _____ Pay zone depth (ft) _____
 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

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, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: COASTAL CORP., THE

By: William E. Carpenter
Date: 8/9/89

AUG 18 1989

47-095-1305

STATE OF WEST VIRGINIA *Issued 7/5/89* Page of
 DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS *Expires 7/5/91*
 WELL WORK PERMIT APPLICATION

- 1) Well Operator: The Coastal Corporation 10125, 1, 670
- 2) Operator's Well Number: Gregg #7 3) Elevation: 830'
- 4) Well type: (a) Oil / or Gas X/
 (b) If Gas: Production XX Underground Storage /
 Deep / Shallow XX
- 5) Proposed Target Formation(s): Benson
- 6) Proposed Total Depth: 5,200' feet
- 7) Approximate fresh water strata depths: 85
- 8) Approximate salt water depths: 1600
- 9) Approximate coal seam depths: None
- 10) Does land contain coal seams tributary to active mine? Yes / No X
- 11) Proposed Well Work: Drill and Stimulate New Well
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor	11 3/4			120	120	CTS
Fresh Water	8 5/8		23	1700	1700	By rule 38 CSR 18-11.3
Coal						
Intermediate						
Production	4 1/2		10.5	5200	5200	By rule 38 CSR 18 11.1
Tubing						
Liners						

PACKERS : Kind
 Sizes
 Depths set

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 JUL 08 1989

7097

For Division of Oil and Gas Use Only

DIVISION OF OIL & GAS
 DEPARTMENT OF ENERGY

Fee(s) paid: 15 Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond 50 Blankets Agent
 (Type)