

25 3600'

Janie 7/3/89

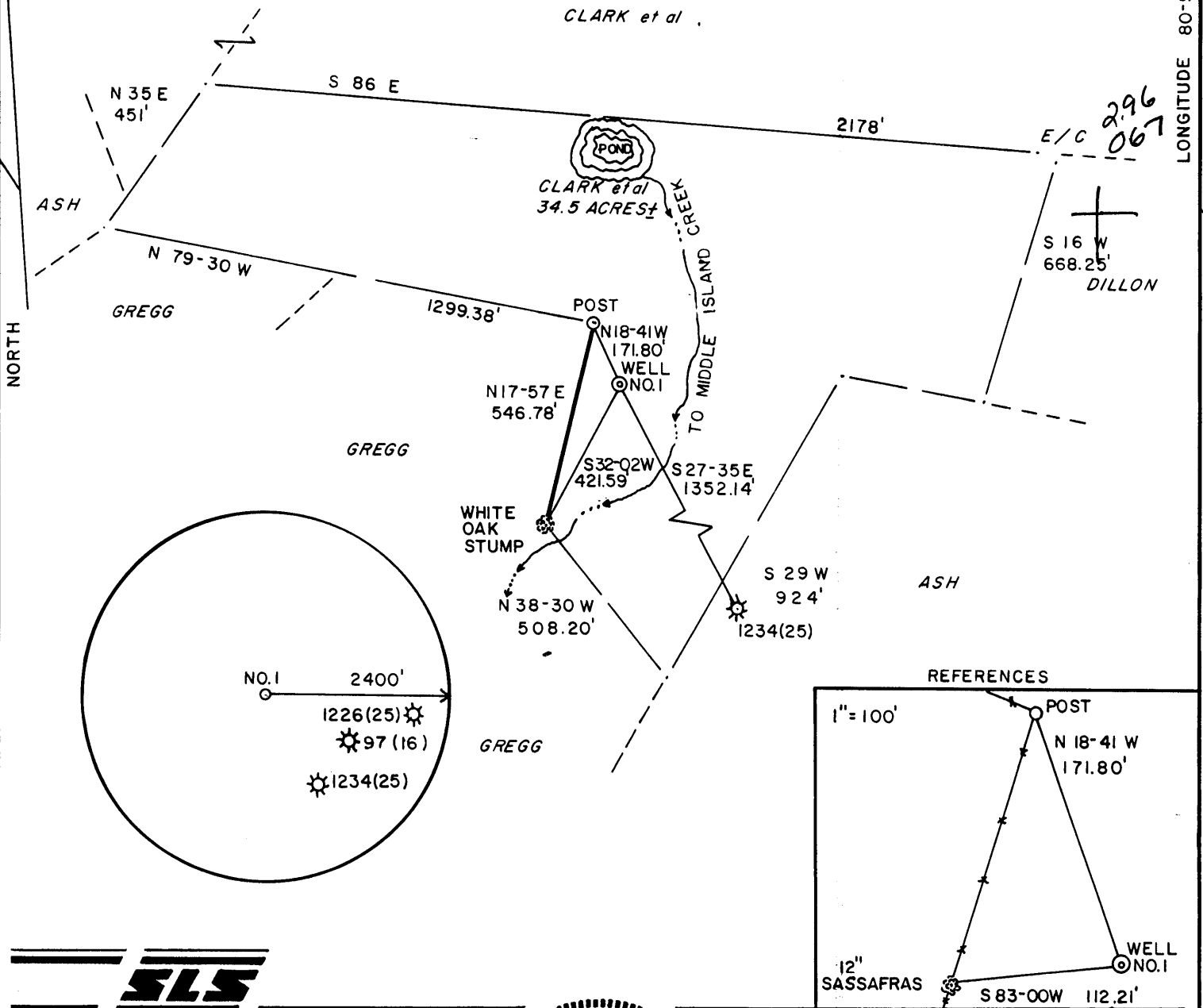
LATITUDE 39-22-30

CLARK LEASE WELL NO. 1

34.5 ACRES ±

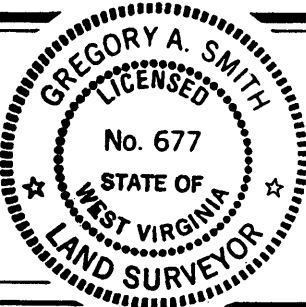
CLARK et al.

0.08
0.67



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 9, 19 88
 OPERATORS WELL NO. CLARK NO. 1
 API WELL NO. 47-095-1304
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 1933(26-19)
 PROVEN SOURCE OF ELEVATION BENCH MARK 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 758' WATERSHED DRAIN OF MIDDLE ISLAND CREEK +15' c
 DISTRICT CENTERVILLE COUNTY TYLER QUADRANGLE WEST UNION 7.5671
 SURFACE OWNER DUANE CLARK et al ACREAGE 34.5 133
 ROYALTY OWNER GORRELL DOAK HRS. et al. LEASE ACREAGE 34.5 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 5100'

WELL OPERATOR THE COASTAL CORP DESIGNATED AGENT William Carpenter
 ADDRESS PO BOX 4119, PARKERSBURG, WV ADDRESS PO BOX 4119, Parkersburg, WV
6-6 Wilbur (092) 26/04 (95) JUL 7 1989 26/04

COUNTY NAME PERMIT

575

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

Well Operator's Report of Well Work

Farm name: CLARK, DUANE Operator Well No.: CLARK #1

LOCATION: Elevation: 758.00 Quadrangle: WEST UNION

District: CENTERVILLE County: TYLER
Latitude: 500 Feet South of 39 Deg. 22Min. 30 Sec.
Longitude 3600 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: 7/10/89
Well work Completed: 7/19/89

Verbal Plugging
Permission granted on: N/A
Rotary Cable _____ Rig
Total Depth (feet) 4923
Fresh water depths (ft) 60'

Salt water depths (ft) 1143'

Is coal being mined in area (Y/N)? N
Coal Depths (ft): None

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
11 3/4	120	120	118 cuft
8 5/8	1661	1661	518 cuft
4 1/2	4848	4848	387 cuft

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DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

OPEN FLOW DATA

Producing formation Benson/Riley Pay zone depth (ft) 4674-4678
Gas: Initial open flow 1250 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 900 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure 1700 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

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

- 1) Well Operator: The Coastal Corporation 10125, 1, 670
- 2) Operator's Well Number: Clark #1 3) Elevation: 758'
- 4) Well type: (a) Oil or Gas
 (b) If Gas: Production Underground Storage
 Deep Shallow
- 5) Proposed Target Formation(s): Benson
- 6) Proposed Total Depth: 5,200 feet
- 7) Approximate fresh water strata depths: _____
- 8) Approximate salt water depths: _____
- 9) Approximate coal seam depths: _____
- 10) Does land contain coal seams tributary to active mine? Yes No
- 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	1650	1650	By rule 38 CJR 18-11.3
Coal						
Intermediate						
Production	4 1/2		10.5	5200	5200	By rule 38 CSR 18-11.3
Tubing						
Liners						

PACKERS : Kind _____
 Sizes _____
 Depths set _____

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For Division of Oil and Gas Use Only DIVISION OF OIL & GAS
 DEPARTMENT OF ENERGY

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

96

1653

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DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

1) Date: 2/1/89
2) Operator's well number
Clark #1
3) API Well No: 47 - 095 - 1304
State - County - Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Owner(s) to be served:

(a) Name Duane Clark
Address Star Route 1, Box A-6
Alma, WV 26320

(b) Name _____
Address _____

(c) Name _____
Address _____

5) (a) Coal Operator:
Name _____
Address _____

(b) Coal Owner(s) with Declaration
Name _____
Address _____

Name _____
Address _____

6) Inspector Glen P. Robinson
Address Route 1
Mineral Wells, WV
Telephone (304)- _____

(c) Coal Lessee with Declaration
Name _____
Address _____

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

___ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR
XX Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through ___ on the above named parties, by:
___ Personal Service (Affidavit attached)
___ Certified Mail (Postmarked postal receipt attached)
___ Publication (Notice of Publication attached)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application. I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator The Coastal Corporation
By: Linda C. Cozart
Its: Vice President
Address P. O. Box 4119
Parkersburg, WV 26104
Telephone 304-428-3471

Subscribed and sworn before me this 1st day of February, 1989

Sharon Bush Notary Public
My commission expires September 19, 1990