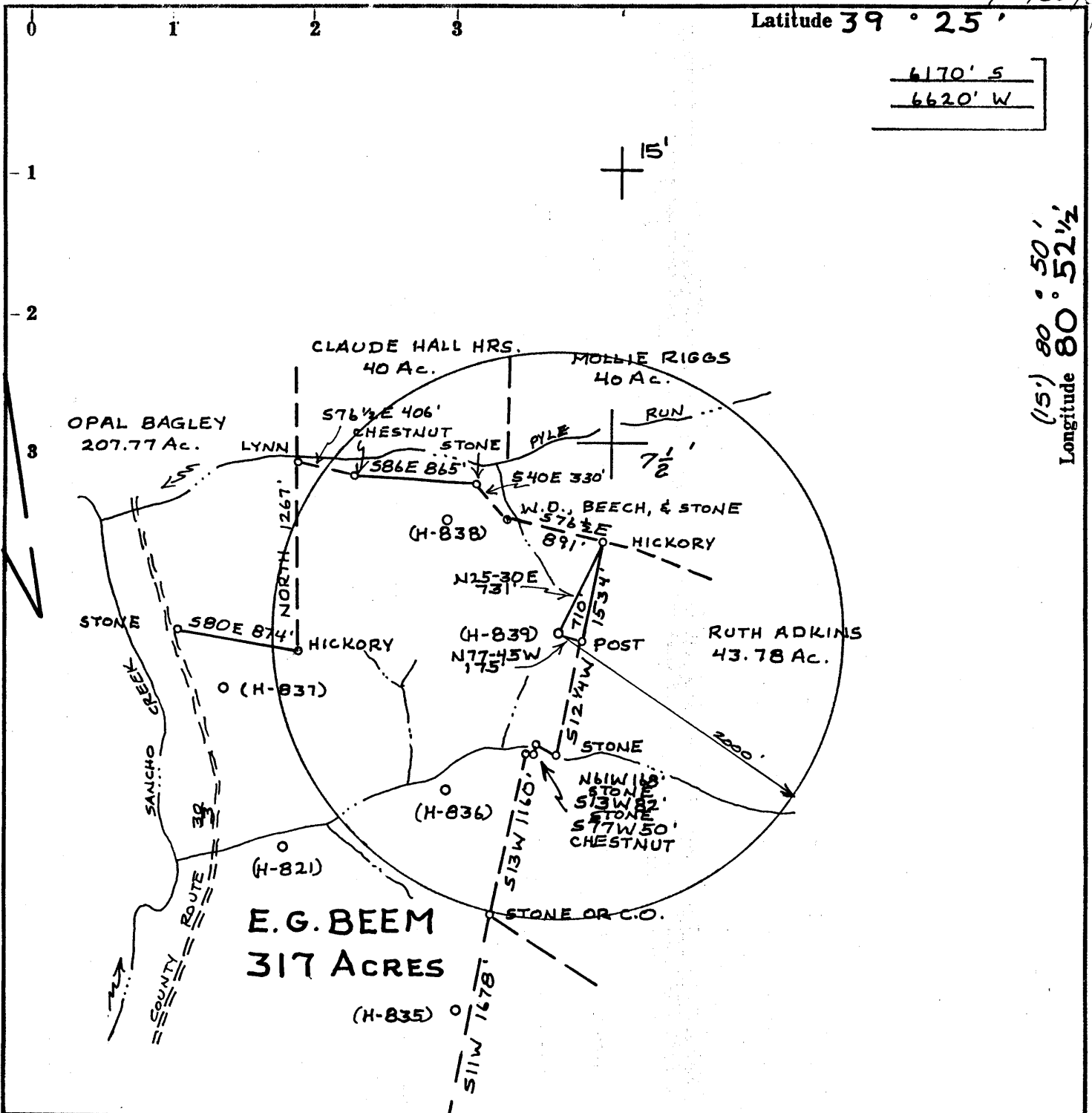


1/19/80



WELL TYPE OIL & GAS PRODUCTION, SHALLOW
 PROPOSED WORK DRILL
 WATER SHED SANCHO CREEK API WELL NO. 47-095-
 TARGET FORMATION GORDON STATE COUNTY PERMIT
 ESTIMATED DEPTH 3100'

Fracture....
 Redrill....
 New Location
 Drill Deeper
 Abandonment *William R. Mossor* Minimum accuracy, one part in 200

Source of Elevation HIGH POINT ELEV. 1145'
 I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Company GLENN L HAUGHT & SONS
 AGENT SMITHVILLE, W. VA. 26178 373
 Address WARREN HAUGHT
SMITHVILLE, W. VA. 26178

Farm E.G. BEEM (FEE)
 Tract _____ Acres 317 Lease No. _____
 Well (Farm) No. H-839 Serial No. _____
 Elevation (Spirit Level) 1083'
 Quadrangle MIDDLEBOURNE, W. VA. 7 1/2' QUAD.
 County TYLER District CENTERVILLE
 Surveyor or Engineer WILLIAM R. MOSSOR, L.L.S.
 Surveyor's or Engineer's Registration No. 551
 File No. _____ Drawing No. _____
 Date 29 AUG. 1979 Scale 1" = 1000'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. 47-095-0770

CANCELLED
 + Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.
 - Denotes one inch spaces on border line of original tracing.

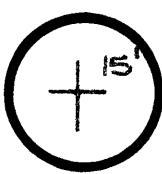
MAR 16 1987

1/17/80

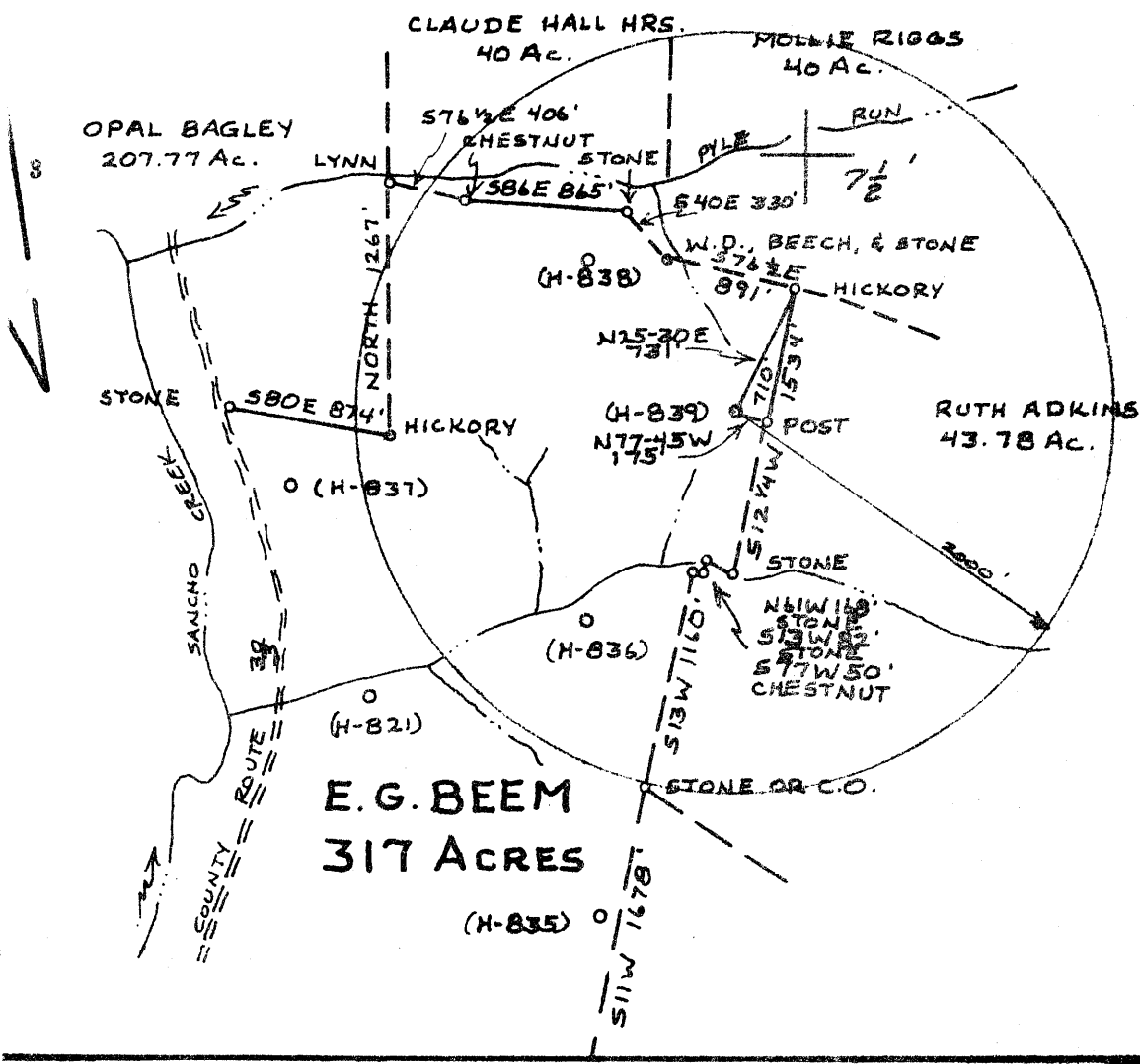
Latitude 39° 25'

4170' S
4620' W

1.115
3.48 W
3.48 W



(15) 80° 52' W
Longitude



WELL TYPE OIL & GAS PRODUCTION, SHALLOW
 PROPOSED WORK DRILL
 WATER SHED SANCHO CREEK
 TARGET FORMATION GORDON
 ESTIMATED DEPTH 3100'

API WELL NO.
47-095-
STATE COUNTY PERMIT

Fracture...
 Redrill...
 New Location
 Drill Deeper
 Abandonment *William R. Mossor*

Source of Elevation HIGH POINT ELEV. 1145'
 I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.
 Minimum accuracy, one part in 200

Company GLENN L. NAUGHT & SONS
SMITHVILLE, W. VA. 26178
 AGENT WARREN HAUGHT
 Address SMITHVILLE, W. VA. 26178
 Farm E.G. BEEM (FEE)
 Tract Acres 317 Lease No.
 Well (Farm) No. H-839 Serial No.
 Elevation (Spirit Level) 1083'
WEST UNION 15' C
 Quadrangle MIDDLEBOURNE, W. VA. 7 1/2' QUAD.
 County TYLER District CENTERVILLE
 Surveyor or Engineer WILLIAM R. MOSSOR, L.L.S.
 Surveyor's or Engineer's Registration No. 551
 File No. Drawing No.
 Date 29 AUG. 1979 Scale 1" = 1000'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. **47-093-0770**

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.
 — Denotes one inch spaces on border line of original tracing.

FEB 13 1980

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-25 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) Glenn L. Haught & Sons
Address Smithville, WV 26178

GEOLOGICAL TARGET FORMATION, Gordon

Estimated depth of completed well, 3100 feet Rotary X / Cable tools _____
Approximate water strata depths: Fresh, 50 feet; salt, _____ feet.
Approximate coal seam depths: None Is coal being mined in the area? Yes _____ No X

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cable feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor									Kinds
Fresh water	8 5/8	K-55	20#	X		200'	200'	75 sacks	
Coal									Sizes
Intermediate									
Production	4 1/2	J-55	10.5#	X			3100	100 sacks	Depths set
Tooling									
Liners									Perforations:
									Top Bottom

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plan in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 23; (iv) unless previously paid on the same well, the fee required by Code § 22-4-12a, and (v) if applicable, the consent required by Code § 22-4-3a from the owner of any water well or drilling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 9-18-80.

Robert L. [Signature]
Deputy Director - Oil & Gas Division

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code § 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

The undersigned coal operator _____ / owner _____ / lessee _____ / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____, 19____

By _____
Its _____

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

OIL AND GAS WELL PERMIT APPLICATION

JAN 16 1980
OIL & GAS DIVISION
DEPT. OF MINES

WELL TYPE: Oil X / Gas X /
(If "Gas", Production X / Underground storage _____ Deep X /
LOCATION: Elevation: 1083' Watershed: Sancho Creek
District: Centerville County: Tyler Quadrangle: Middlebourne, WV

WELL OPERATOR Glenn L. Haught & Sons
Address Smithville, WV 26178

DESIGNATED AGENT Warren R. Haught
Address Smithville, WV 26178

OIL & GAS ROYALTY OWNER E. G. Beem
Address 106 41st Street
Vienna, WV 26105

COAL OPERATOR None
Address _____

ACREAGE 317
SURFACE OWNER E. G. Beem

COAL OWNER(S) WITH DECLARATION ON RECORD:

Address same as above

Name _____
Address _____

ACREAGE 317

Name _____
Address _____

FIELD SALE (IF MADE) TO:
Name _____
Address _____

COAL LESSEE WITH DECLARATION ON RECORD:

Name None
Address _____

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Phillip Lee Tracy
Address P. O. Box 173 Dodd Street
Middlebourne, WV 26149

Phone: 758-4573

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed _____ / lease X / other contract _____ / dated August 29, 1977, to undersigned well operator from E. G. Beem

[If said deed, lease, or other contract has been recorded:]

Recorded on October 11, 1977, in the office of the Clerk of the County Commission of Tyler County, West Virginia, in Deed Book 213 at page 662. A permit is requested as follows:

PROPOSED WORK: Drill X / Drill deeper _____ / Redrill _____ / Fracture or stimulate _____ /
Plug off old formation _____ / Perforate new formation _____ /
Other physical change in well (specify) _____

--planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code 5, 22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines, Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
1615 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: (304) 542-3092

Glenn L. Haught & Sons
Well Operator

By Warren R. Haught
Its Partner