

Longitude = 80° 39' 09.4"

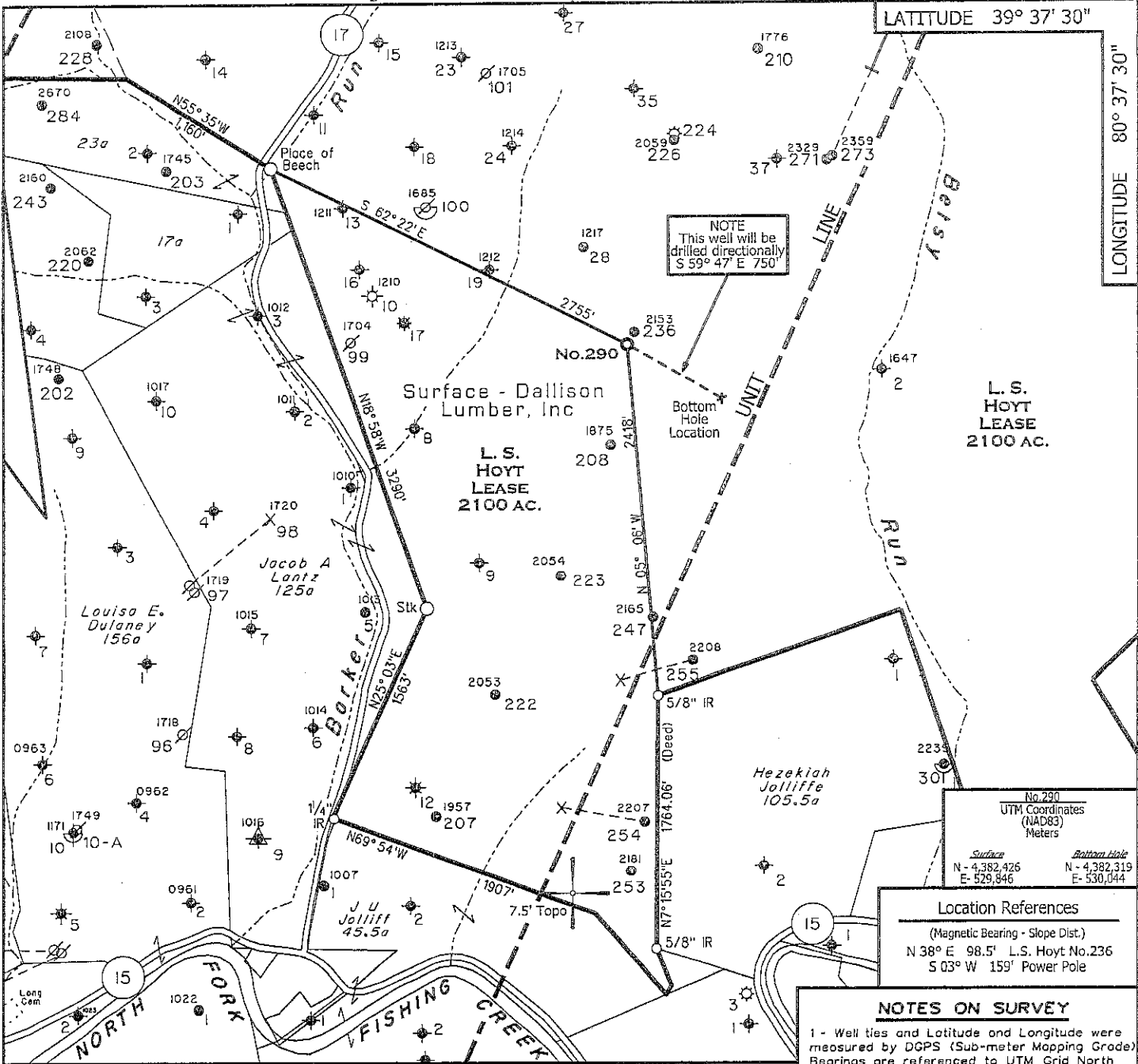
7,775'

LATITUDE 39° 37' 30"

LONGITUDE 80° 37' 30"

12,400'

Latitude = 39° 35' 27.4"



NOTE
This well will be drilled directionally
S 59° 47' E 750'

No. 290 UTM Coordinates (NAD83) Meters	
Surface	Bottom Hole
N - 4,382,426 E - 629,846	N - 4,382,319 E - 530,044

Location References	
(Magnetic Bearing - Slope Dist.)	
N 38° E 98.5'	L.S. Hoyt No. 236
S 03° W 159'	Power Pole

NOTES ON SURVEY

1 - Well ties and Latitude and Longitude were measured by DGPS (Sub-meter Mapping Grade) Bearings are referenced to UTM Grid North (Zone 17 North - NAD 1927).

2 - Surface owners and adjoining information obtained from the Wetzel County Assessor's tax records.

◆ - DENOTES A POSSIBLE WATER SUPPLY SOURCE LOCATED FROM CIRCA 2003 AERIAL PHOTOGRAPHY - NOT BY SURVEY. OTHER SOURCES MAY BE PRESENT.

⊕ - DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

NOTE: No Known Water Supply Sources Are Located Within 1000' Of Proposed Well.

FILE NO. 1046-31

MAP NO. N S E W

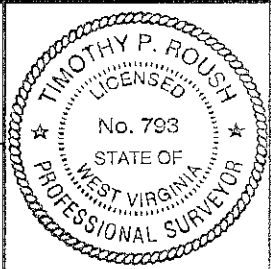
SCALE 1" = 1000'

MINIMUM DEGREE OF ACCURACY Sub-Meter

PROVEN SOURCE OF ELEVATION DGPS Survey
(Sub-Meter Mapping Grade)

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 MINES.

(SIGNED) Timothy P. Roush
TIMOTHY P. ROUSH PS 793



WEST VIRGINIA
Division of Environmental Protection
Office of Oil and Gas
601 57th Street
Charleston, West Virginia 25301



DATE March 8, 2012

FARM L.S. Hoyt No. 290

API WELL NO. 47-103-02900

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

LOCATION: ELEVATION 1,347' WATERSHED Barker Run

DISTRICT Grant COUNTY Wetzel

QUADRANGLE Pine Grove 7.5'

SURFACE OWNER Dallison Lumber, Inc. ACREAGE 2,099.3 ac.

OIL & GAS ROYALTY OWNER The Hoyt Foundation LEASE ACREAGE 2,100 ac.

LEASE NO. 99324-00

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 3,550' MD

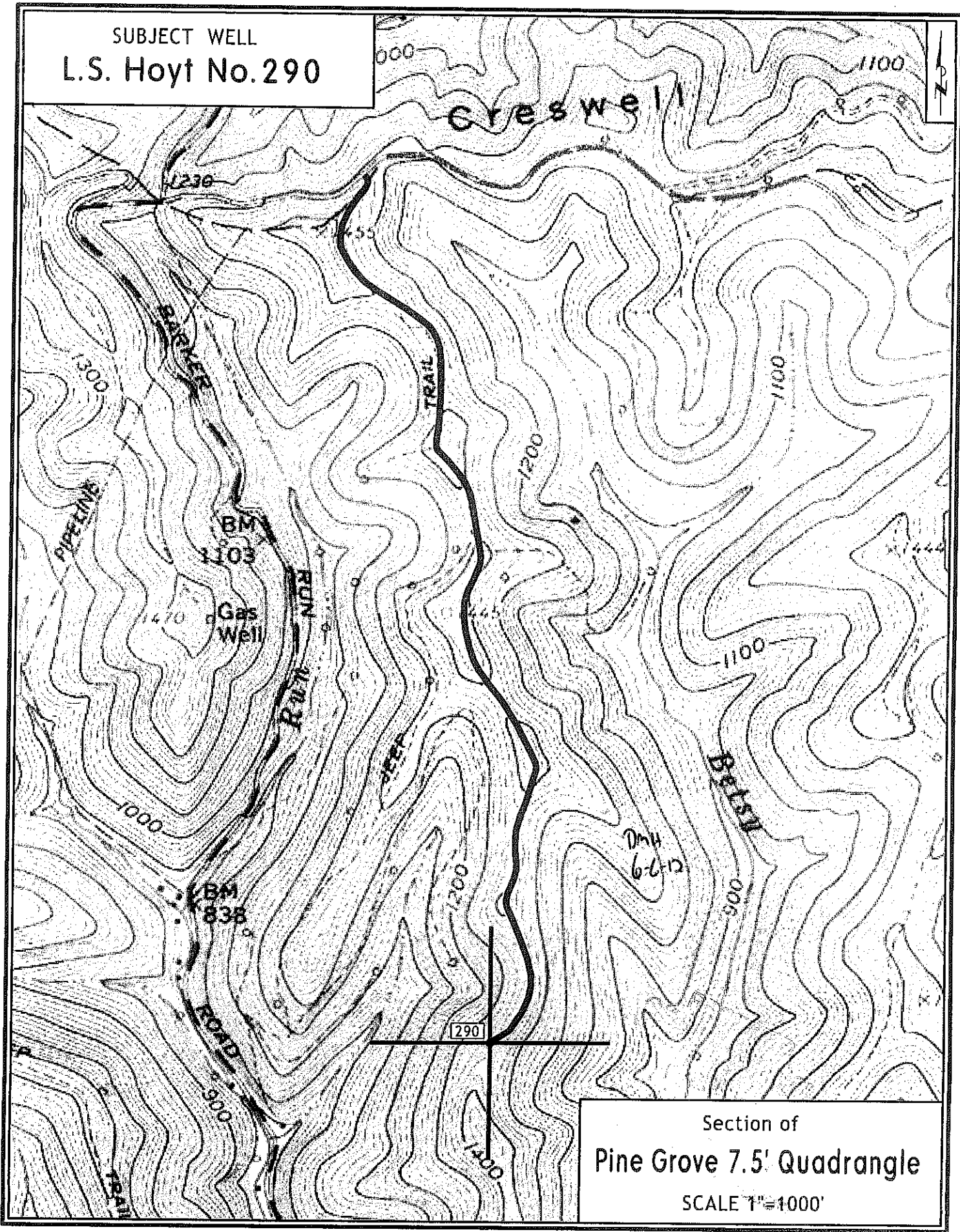
TARGET FORMATION Gordon ESTIMATED DEPTH 3,390' TVD

WELL OPERATOR HG Energy LLC. DESIGNATED AGENT Mike Kirsch

ADDRESS P. O. Box 5519 ADDRESS P. O. Box 5519
Vienna, W.Va. 26105 Vienna, W.Va. 26105

07/06/2012

SUBJECT WELL
L.S. Hoyt No. 290



Section of
Pine Grove 7.5' Quadrangle
SCALE 1"=400'