

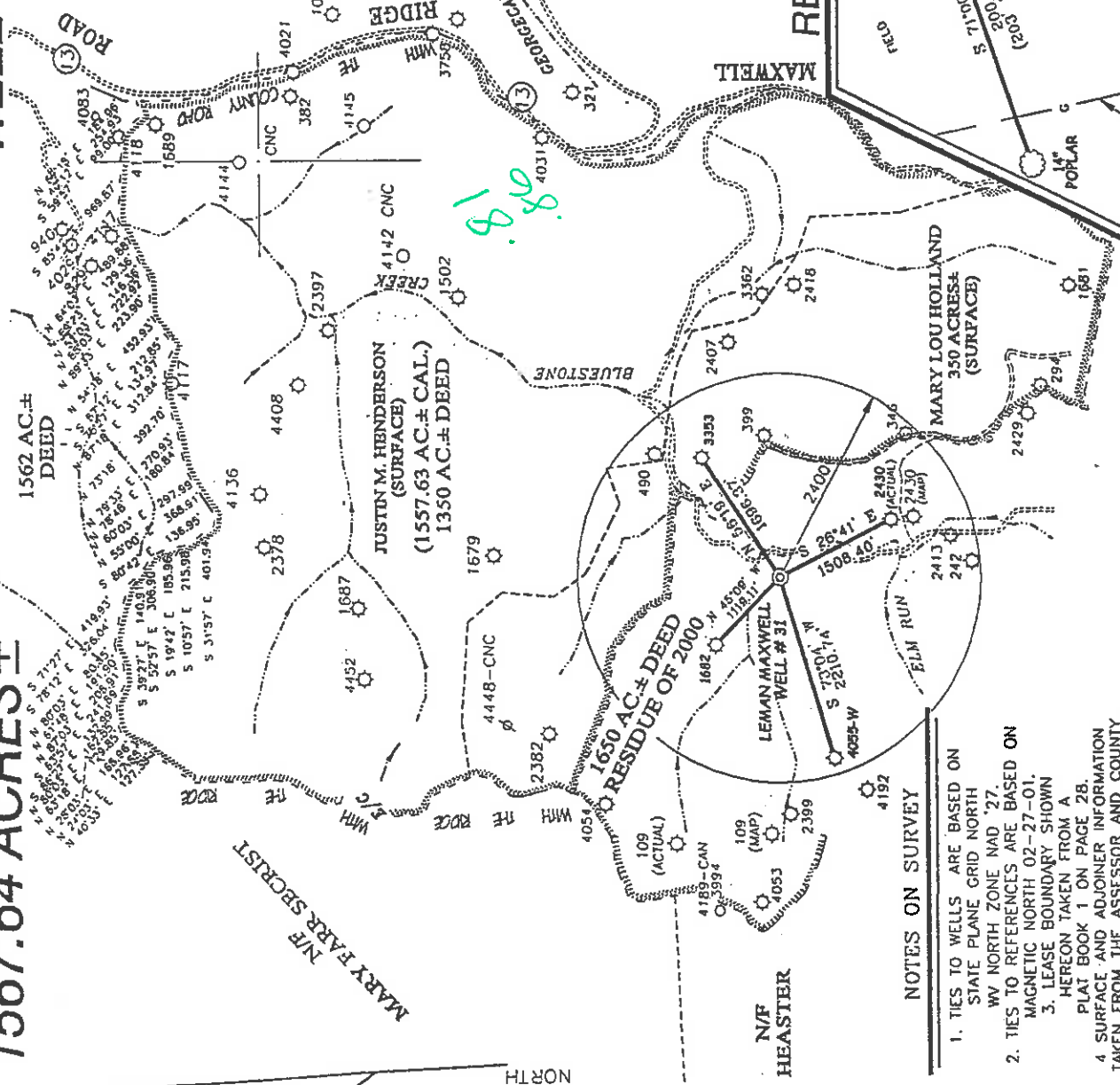
LONG. 80°45'57.9" LATITUDE 39°15'00"

LEMAN MAXWELL LEASE

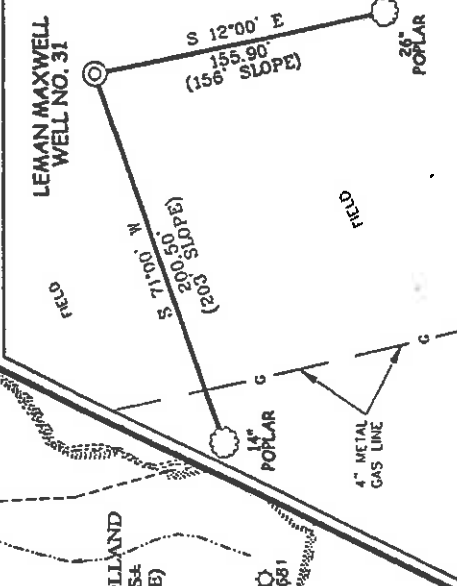
WELL NO. 31

LONGITUDE 80°45'00"

LAT. 39°14'17.4" 4.290



REFERENCES

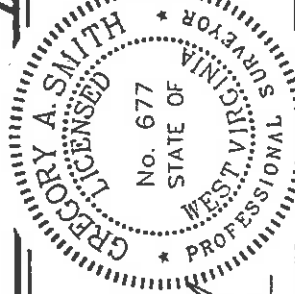


NOTES ON SURVEY

1. TIES TO WELLS ARE BASED ON STATE PLANE GRID NORTH WV NORTH ZONE NAD '27. MAGNETIC NORTH 02-27-01.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 02-27-01.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM A PLAT BOOK 1 ON PAGE 28.
4. SURFACE AND ADJONER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF DODDRIDGE COUNTY IN FEBRUARY, 2001.
5. WELL LAT./LONG. ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).



JUSTIN M. HENDERSON
1567.64 ACRES± TAXED
(SURFACE)



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.

P.S. *Gregory A. Smith*
677

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

DATE MARCH 12 2001
OPERATORS WELL NO. LEMAN MAXWELL NO. 31

API WELL NO. 47-017 COUNTY OXFORD STATE WEST VIRGINIA PERMIT NO. 04589

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 3100P31 (88-55) SCALE 1" = 2000'
PROVEN SOURCE OF ELEVATION JUNCTION OF ROADS ELEVATION 968'

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

LOCATION : ELEVATION 944' WATERSHED TRIBUTARY OF BLUESTONE CREEK

DISTRICT WEST UNION COUNTY DODDRIDGE QUADRANGLE OXFORD 7.5'

SURFACE OWNER JUSTIN M. HENDERSON ACREAGE 1567.64±

ROYALTY OWNER JUSTIN M. HENDERSON, ET AL 1567.64 TAXED LEASE ACREAGE 1650± OF 2000±
LEASE NO. _____

PROPOSED WORK :
 DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER _____
 PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION ALEXANDER
 ESTIMATED DEPTH 5500'

WELL OPERATOR ANVIL OIL COMPANY DESIGNATED AGENT JUSTIN M. HENDERSON
 ADDRESS P.O. BOX 1230 FAIRMONT, WV 26554 ADDRESS P.O. BOX 427 WEST UNION, WV 26456

County Name Dodd Permit 4589

6-6 133

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas

Approved
A-11

Well Operator's Report of Well Work

Farm name: Leeman Maxwell No. 31 Operator Well No.: Leeman Maxwell No 31

LOCATION: Elevation: 944' Quadrangle: Oxford 7.5'

District: West Union County: Doddridge
Latitude: 39 Deg. 15 Min. 00 Sec.
Longitude: 80 Deg. 45 Min. 00 Sec.

Company: Anvil Oil and Gas Co

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
<u>P.O. Box 1230</u>				
<u>Fairmont, WV 26554</u>	<u>11 3/4</u>	<u>36</u>		
Agent: <u>Justin Henderson</u>				
Inspector:	<u>8 3/8</u>	<u>930</u>	<u>930</u>	<u>to surface</u>
Date Permit Issued: <u>5/3/2001</u>				
Date Well Work Commenced:	<u>4 1/2</u>	<u>4961</u>	<u>4961</u>	<u>770 cuft.</u>
Date Well Work Completed:				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig				
Total Depth (feet): <u>5721</u>				
Fresh Water Depth (ft.):				
Salt Water Depth (ft.):				
Is coal being mined in area (N/Y)? <u>N</u>				
Coal Depths (ft.):				

RECEIVED
Office of Oil & Gas
Permitting
AUG 08 2001
WV Department of
Environmental Protection

OPEN FLOW DATA

Producing formation: Alex. Buisson, Beatawa or Spouchly Pay zone depth (ft): 2931 - 4916

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

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.

Signed: Justin Henderson
By: Justin Henderson
Date: 7/10/2001

'AUG 17 2001'

- 1) Alex - Prof. 4856 - 4906 - 10 holes
Frac - 66666. Hz₂, 500 gal. Acid, 35,000 # sl. + 875,000 scf. H₂
- 2) Benson - Prof. 4335 - 59 - 9 holes
Frac - 810666. Hz₂, 500 gal. Acid, 30,000 # sl. + 350,000 scf. H₂
- 3) Beffon - Prof. 3448 - 3712 - 12 holes
Frac - 840666. Hz₂, 750 gal. Acid, 35,000 # sl. 412,000 scf. H₂
- 4) Spoochloy - Prof. 2932 - 3055 - 11 holes
Frac - 838666. Hz₂, 750 gal. Acid, 30,000 # sl. + 376,000 scf. H₂